

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
 Data File : BF124546.D
 Acq On : 13 Jul 2021 14:35
 Operator : JU/CG
 Sample : M2940-02
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Quant Time: Jul 13 15:00:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:57:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	8637	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	33909	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	18310	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	32340	20.000	ng	0.00
76) Chrysene-d12	14.092	240	21922	20.000	ng	0.00
86) Perylene-d12	15.586	264	15867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	49481	99.258	ng	0.00
7) Phenol-d6	6.545	99	60928	100.469	ng	0.00
23) Nitrobenzene-d5	7.486	82	30531	56.838	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	14015	98.361	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	71216	56.718	ng	0.00
79) Terphenyl-d14	13.045	244	73091	55.987	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.828	88	499	3.060	ng	# 100
3) Pyridine	3.628	79	743	1.777	ng	# 65
4) n-Nitrosodimethylamine	3.510	42	1001	2.945	ng	97
6) Aniline	6.592	93	2451	3.836	ng	# 90
8) 2-Chlorophenol	6.710	128	1964	3.514	ng	93
9) Benzaldehyde	6.475	77	1450	4.076	ng	# 86
10) Phenol	6.557	94	1966	3.321	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	1815	3.954	ng	99
12) 1,3-Dichlorobenzene	6.939	146	2300	3.760	ng	97
13) 1,4-Dichlorobenzene	6.939	146	2300	3.681	ng	95
14) 1,2-Dichlorobenzene	7.098	146	2113	3.559	ng	90
15) Benzyl Alcohol	7.057	79	1733	4.130	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.192	45	2848	3.600	ng	75
17) 2-Methylphenol	7.157	107	1309	3.200	ng	91
18) Hexachloroethane	7.439	117	667	2.835	ng	# 68
19) n-Nitroso-di-n-propyla...	7.328	70	1196	3.508	ng	# 86
20) 3+4-Methylphenols	7.310	107	1935	3.593	ng	# 84
22) Acetophenone	7.328	105	2744	3.566	ng	# 93
24) Nitrobenzene	7.504	77	1782	3.346	ng	# 83
25) Isophorone	7.733	82	3281	3.327	ng	98
26) 2-Nitrophenol	7.816	139	825	2.871	ng	# 67
27) 2,4-Dimethylphenol	7.845	122	1677	3.522	ng	95
28) bis(2-Chloroethoxy)met...	7.951	93	2174	3.780	ng	95
29) 2,4-Dichlorophenol	8.051	162	1472	2.997	ng	93
30) 1,2,4-Trichlorobenzene	8.145	180	1627	2.994	ng	95
31) Naphthalene	8.228	128	6205	3.538	ng	99
32) Benzoic acid	7.886	122	504	1.519	ng	# 82
33) 4-Chloroaniline	8.269	127	2213	3.339	ng	94
34) Hexachlorobutadiene	8.345	225	908	2.960	ng	90
35) Caprolactam	8.604	113	258	2.077	ng	# 70
36) 4-Chloro-3-methylphenol	8.739	107	1624	3.344	ng	96
37) 2-Methylnaphthalene	8.922	142	4093	3.458	ng	93
38) 1-Methylnaphthalene	9.016	142	3581	3.222	ng	94
40) 1,2,4,5-Tetrachloroben...	9.080	216	1797	3.680	ng	# 94
41) Hexachlorocyclopentadiene	9.075	237	1208	3.960	ng	94
43) 2,4,6-Trichlorophenol	9.222	196	1159	3.287	ng	92

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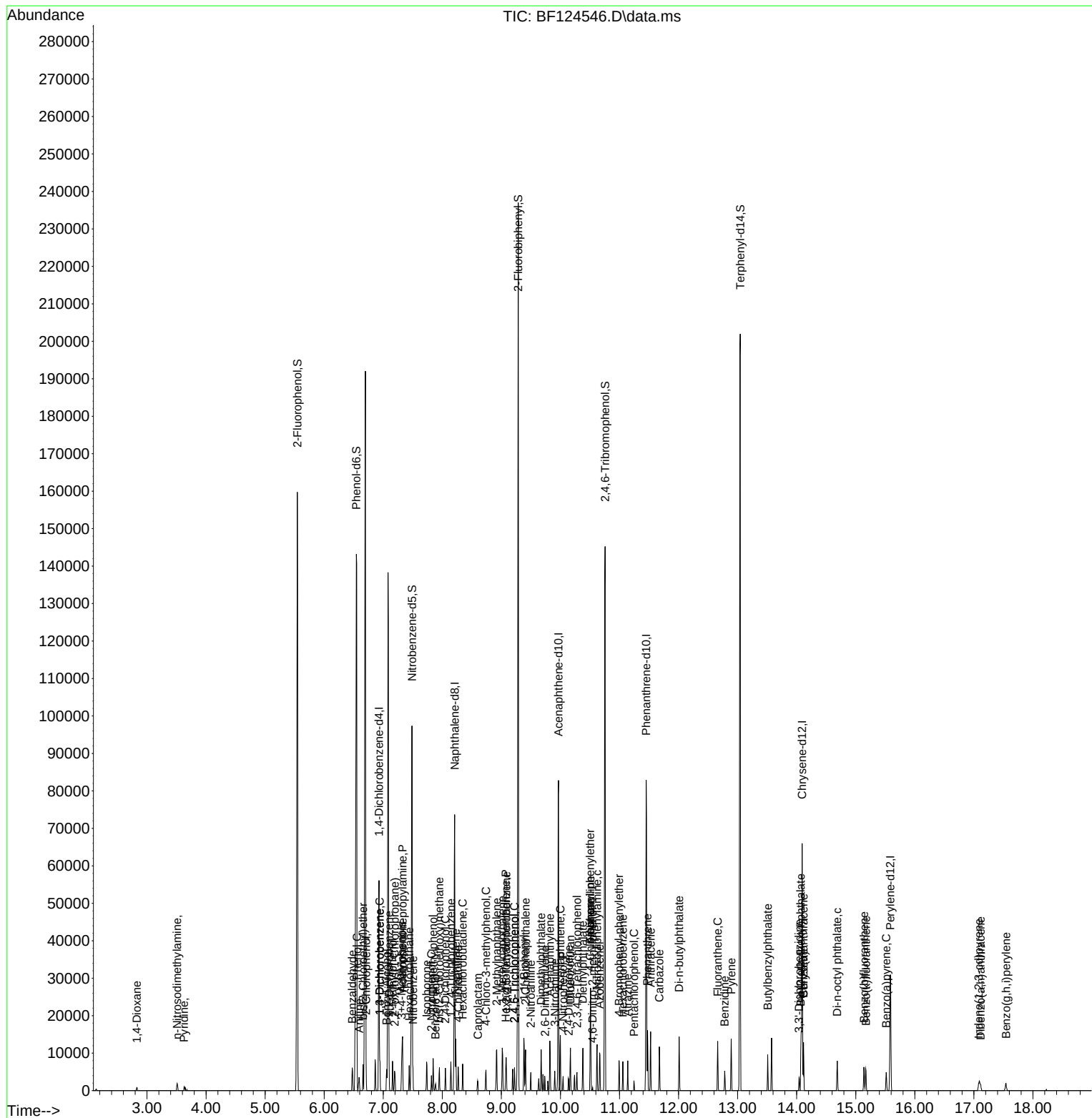
Quant Time: Jul 13 15:00:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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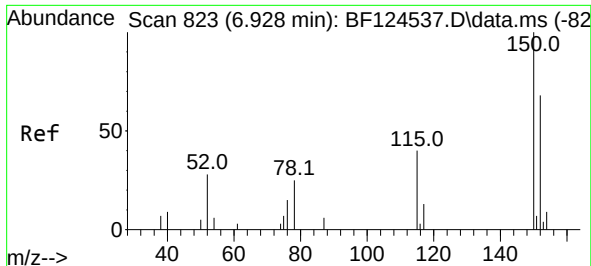
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	1159	3.187	ng	96
46) 1,1'-Biphenyl	9.386	154	5258	3.781	ng	91
47) 2-Chloronaphthalene	9.410	162	3849	3.530	ng	97
48) 2-Nitroaniline	9.498	65	732	2.792	ng	85
49) Acenaphthylene	9.822	152	6274	3.687	ng	99
50) Dimethylphthalate	9.675	163	4726	3.710	ng	# 97
51) 2,6-Dinitrotoluene	9.739	165	693	2.759	ng	94
52) Acenaphthene	9.998	154	3650	3.355	ng	97
53) 3-Nitroaniline	9.904	138	1015	3.622	ng	# 88
55) Dibenzofuran	10.169	168	5048	3.156	ng	97
56) 4-Nitrophenol	10.045	139	741	3.177	ng	95
57) 2,4-Dinitrotoluene	10.139	165	931	2.708	ng	# 67
58) Fluorene	10.510	166	4362	3.525	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	878	3.127	ng	# 77
60) Diethylphthalate	10.380	149	4474	3.359	ng	96
61) 4-Chlorophenyl-phenyle...	10.504	204	1960	3.490	ng	# 85
62) 4-Nitroaniline	10.510	138	883	3.126	ng	92
63) Azobenzene	10.663	77	3803	3.266	ng	99
65) 4,6-Dinitro-2-methylph...	10.545	198	188	1.018	ng	# 64
66) n-Nitrosodiphenylamine	10.621	169	3556	3.377	ng	92
67) 4-Bromophenyl-phenylether	10.992	248	1023	3.059	ng	# 85
68) Hexachlorobenzene	11.057	284	1241	3.622	ng	96
69) Atrazine	11.139	200	1091	3.383	ng	98
70) Pentachlorophenol	11.245	266	467	2.155	ng	93
71) Phenanthrene	11.474	178	6135	3.477	ng	97
72) Anthracene	11.527	178	6314	3.567	ng	97
73) Carbazole	11.674	167	5484	3.353	ng	93
74) Di-n-butylphthalate	12.010	149	8087	3.671	ng	# 96
75) Fluoranthene	12.663	202	6108	3.431	ng	95
77) Benzidine	12.780	184	3135	3.825	ng	# 93
78) Pyrene	12.892	202	6118	3.359	ng	98
80) Butylbenzylphthalate	13.510	149	2691	3.056	ng	98
81) Benzo(a)anthracene	14.115	228	4856	3.340	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	1679	4.409	ng	# 89
83) Chrysene	14.115	228	4856	3.487	ng	97
84) Bis(2-ethylhexyl)phtha...	14.068	149	3708	3.136	ng	# 92
85) Di-n-octyl phthalate	14.686	149	4924	2.878	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.080	276	2813	3.057	ng	# 78
88) Benzo(b)fluoranthene	15.139	252	3885	3.411	ng	# 91
89) Benzo(k)fluoranthene	15.174	252	3427	3.280	ng	97
90) Benzo(a)pyrene	15.515	252	3224	3.429	ng	# 89
91) Dibenzo(a,h)anthracene	17.115	278	2175	2.777	ng	# 54
92) Benzo(g,h,i)perylene	17.545	276	2281	2.983	ng	# 47

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

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LOD-MDL-SOIL-01-OT3-2021

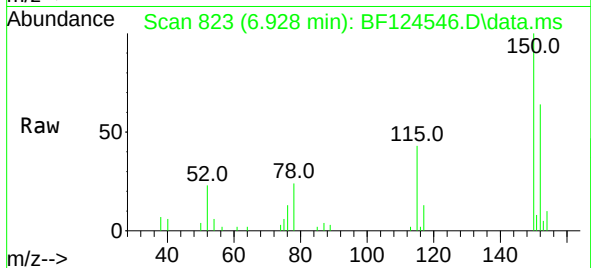
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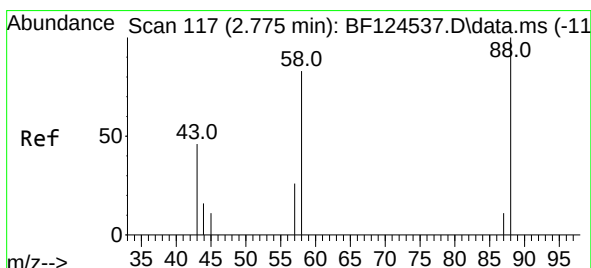
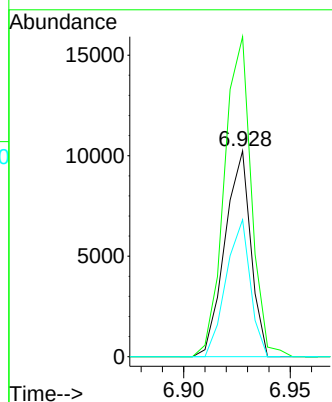
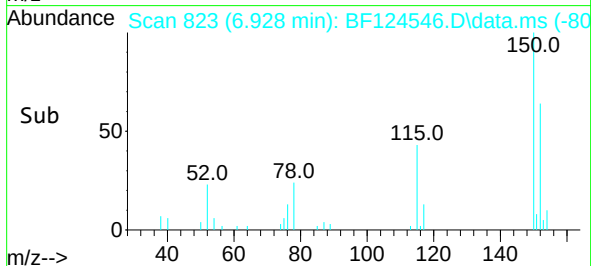


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 823
 Delta R.T. -0.000 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

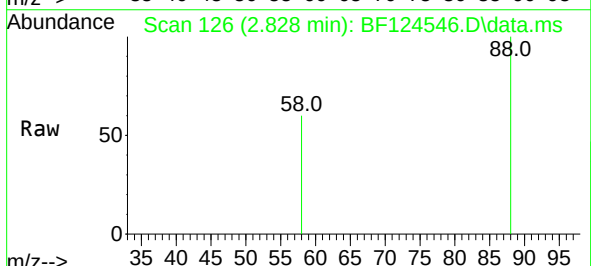
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021



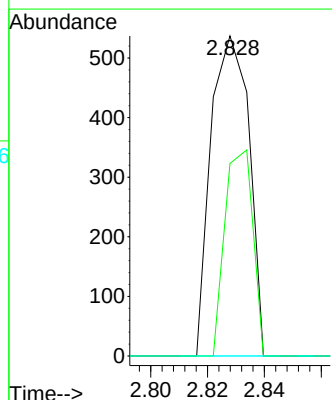
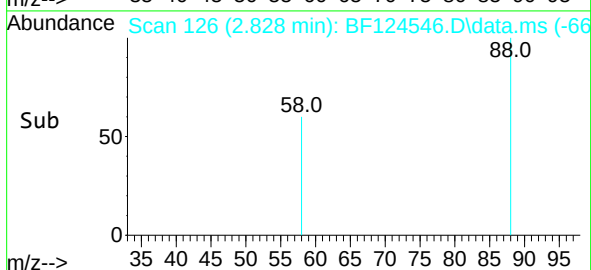
Tgt Ion:152 Resp: 8637
 Ion Ratio Lower Upper
 152 100
 150 155.5 117.6 176.4
 115 66.6 47.1 70.7

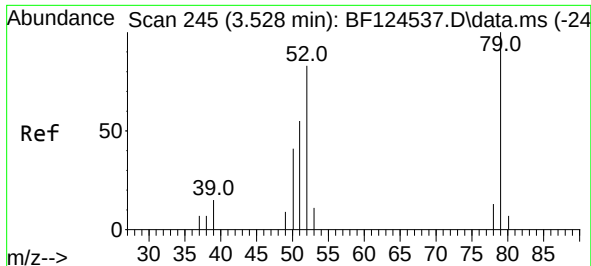


#2
 1,4-Dioxane
 Concen: 3.060 ng
 RT: 2.828 min Scan# 126
 Delta R.T. 0.053 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35



Tgt Ion: 88 Resp: 499
 Ion Ratio Lower Upper
 88 100
 58 47.3 0.0 0.0#
 43 0.0 0.0 0.0

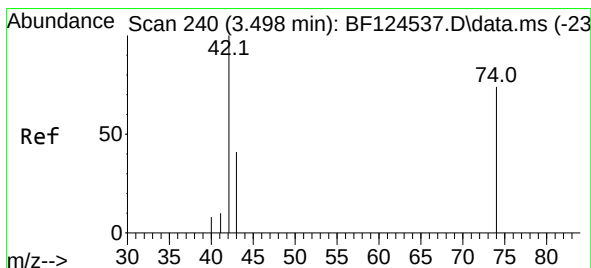
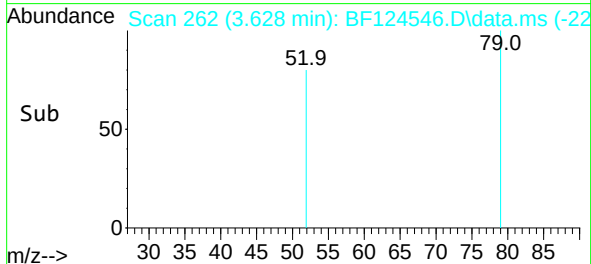
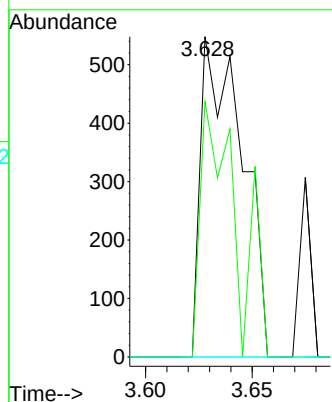
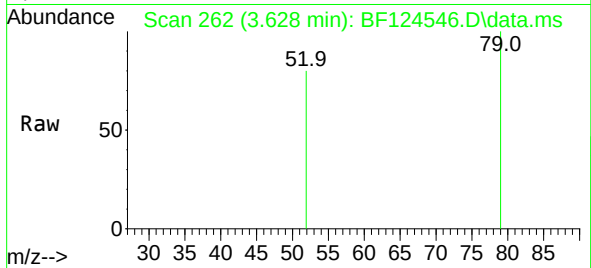




#3
Pyridine
Concen: 1.777 ng
RT: 3.628 min Scan# 262
Delta R.T. 0.100 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

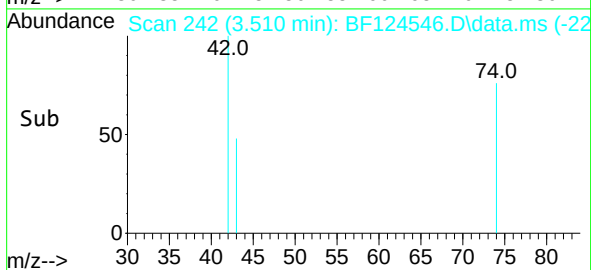
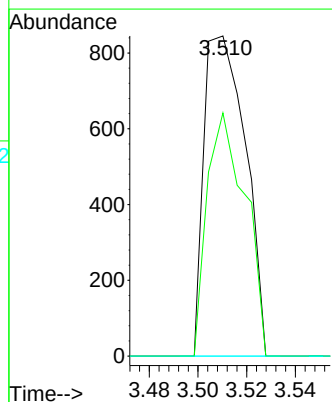
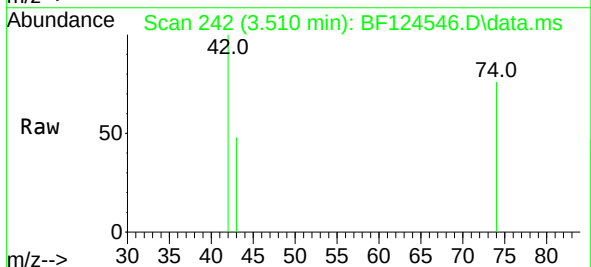
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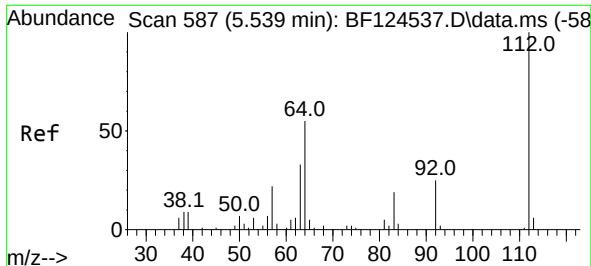
Tgt Ion: 79 Resp: 743
Ion Ratio Lower Upper
79 100
52 79.7 70.3 105.5
51 0.0 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 2.945 ng
RT: 3.510 min Scan# 242
Delta R.T. 0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion: 42 Resp: 1001
Ion Ratio Lower Upper
42 100
74 76.0 59.0 88.6
44 0.0 0.0 0.0

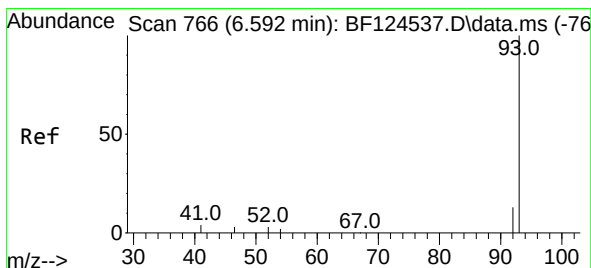
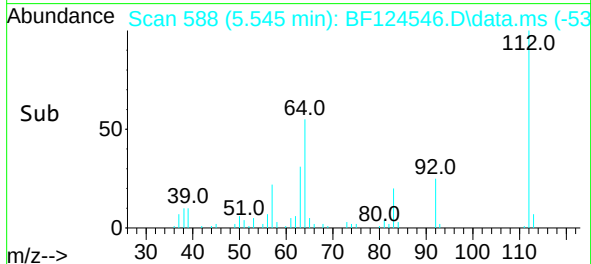
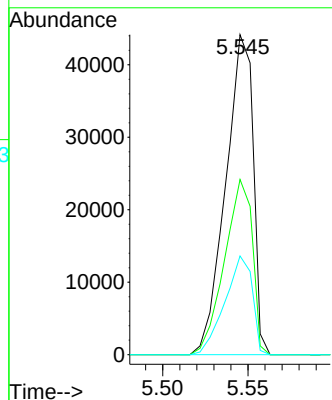
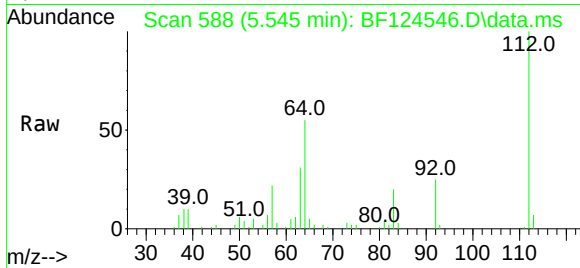




#5
2-Fluorophenol
Concen: 99.258 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

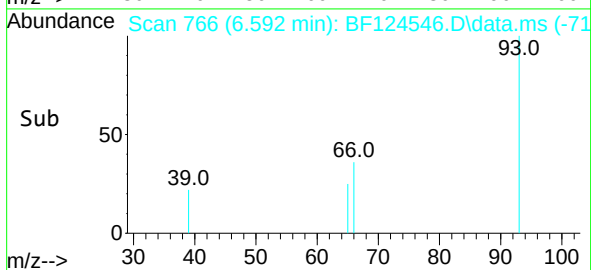
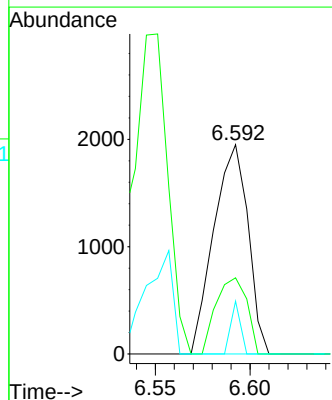
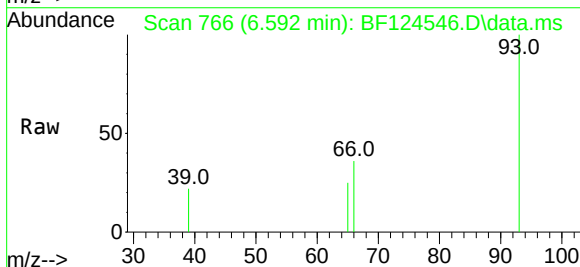
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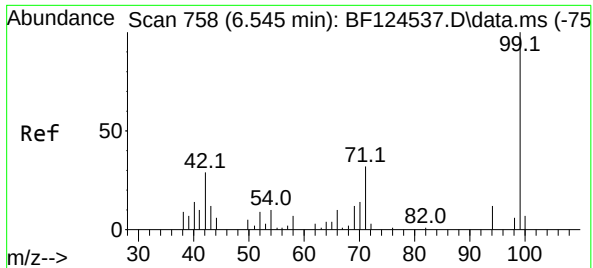
Tgt Ion:112 Resp: 49481
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 30.9 26.2 39.2



#6
Aniline
Concen: 3.836 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion: 93 Resp: 2451
Ion Ratio Lower Upper
93 100
66 36.4 32.7 49.1
65 25.2 14.2 21.4#

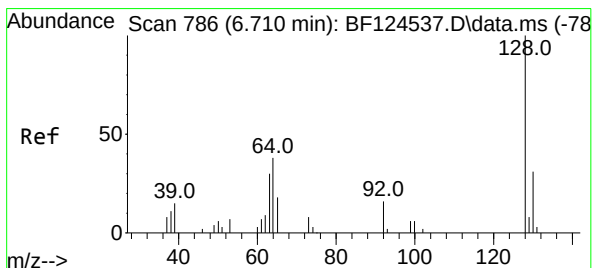
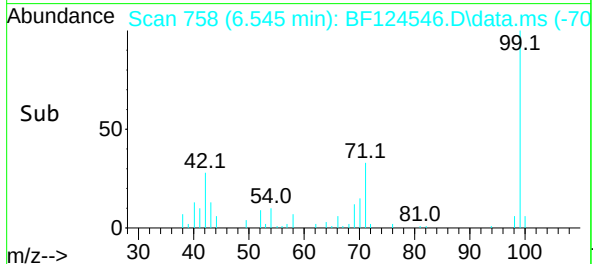
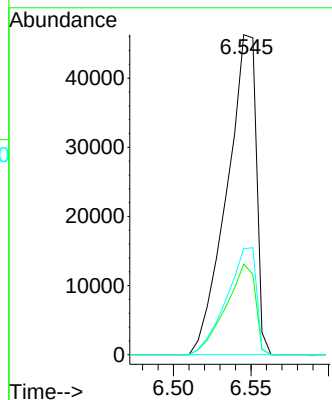
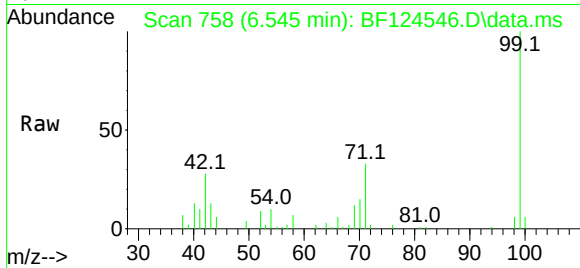




#7
Phenol-d6
Concen: 100.469 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

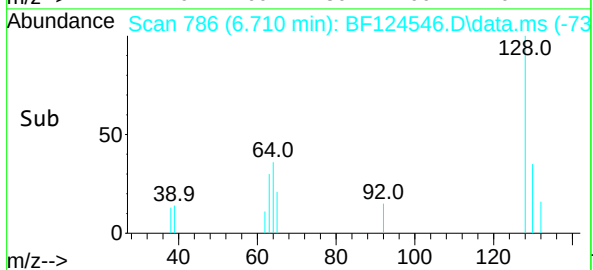
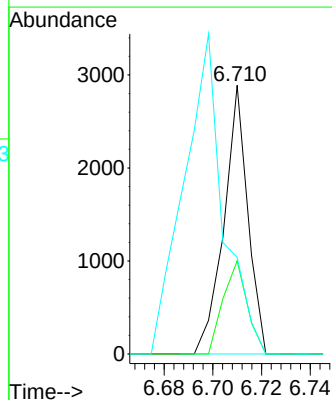
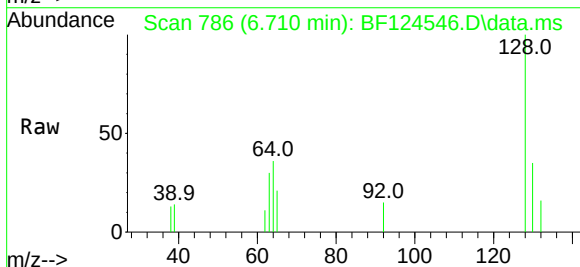
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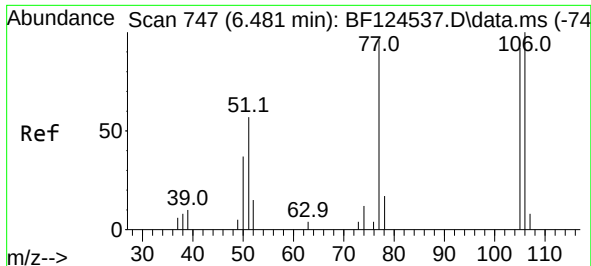
Tgt Ion:	99	Resp:	60928
Ion	Ratio	Lower	Upper
99	100		
42	28.3	23.5	35.3
71	33.1	25.6	38.4



#8
2-Chlorophenol
Concen: 3.514 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF124546.D
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Tgt Ion:	128	Resp:	1964
Ion	Ratio	Lower	Upper
128	100		
130	34.7	10.5	50.5
64	35.9	20.3	60.3

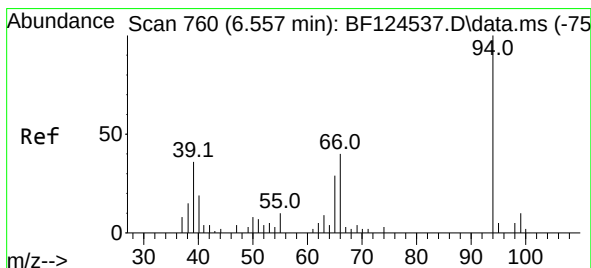
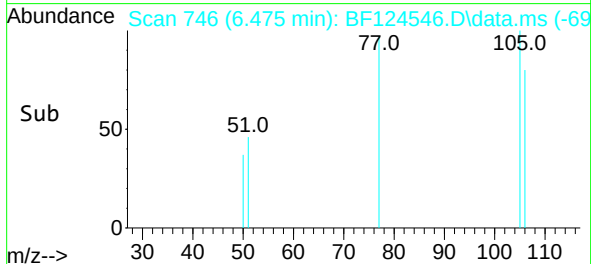
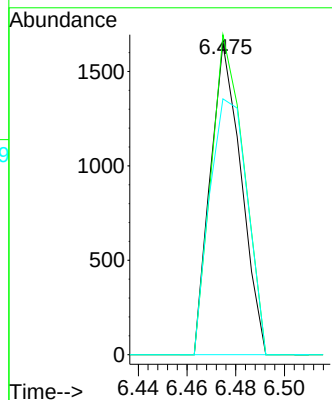
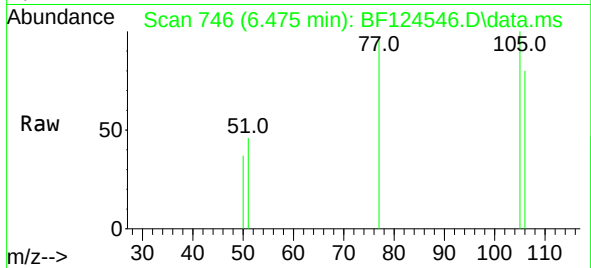




#9
Benzaldehyde
Concen: 4.076 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

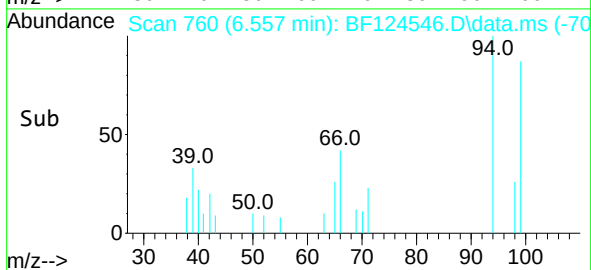
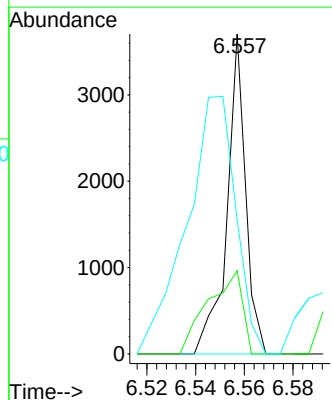
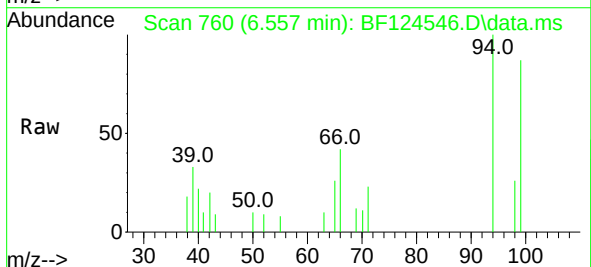
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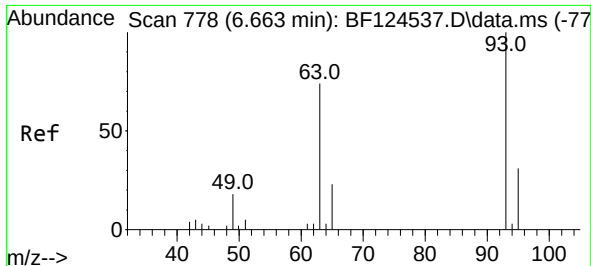
Tgt Ion: 77 Resp: 1450
Ion Ratio Lower Upper
77 100
105 102.7 75.9 115.9
106 82.1 84.0 124.0#



#10
Phenol
Concen: 3.321 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF124546.D
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Tgt Ion: 94 Resp: 1966
Ion Ratio Lower Upper
94 100
65 26.0 9.3 49.3
66 41.9 20.3 60.3

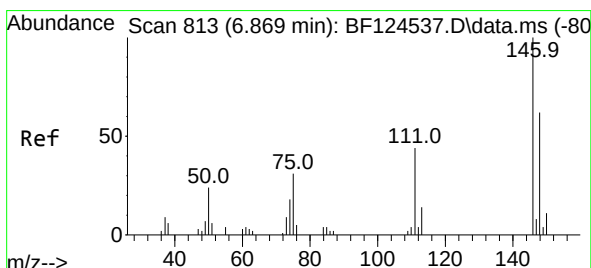
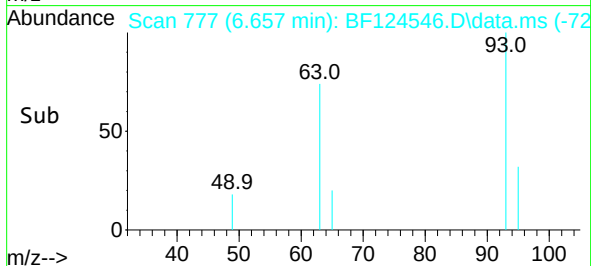
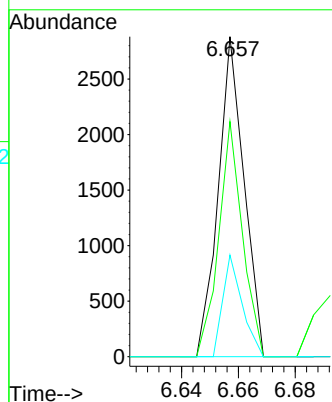
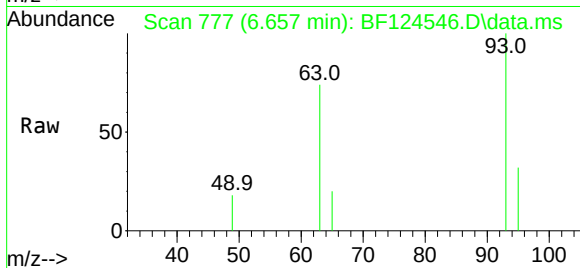




#11
bis(2-Chloroethyl)ether
Concen: 3.954 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

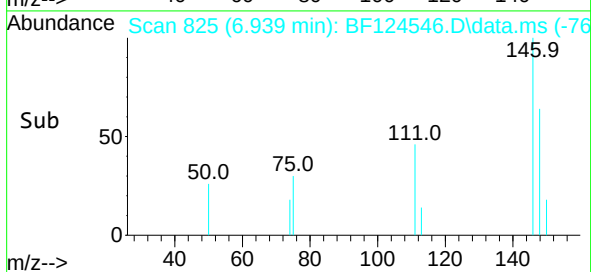
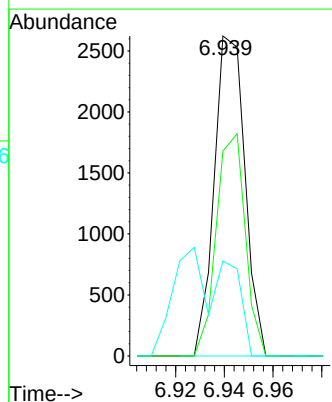
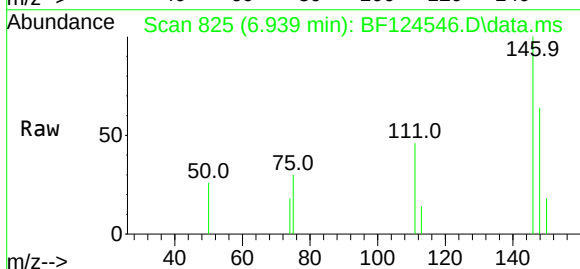
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

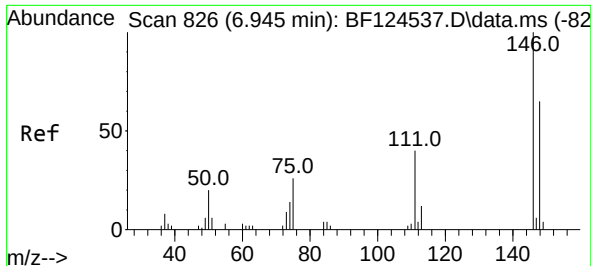
Tgt Ion: 93	Resp:	1815	
Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.4	94.4
95	31.8	11.4	51.4



#12
1,3-Dichlorobenzene
Concen: 3.760 ng
RT: 6.939 min Scan# 825
Delta R.T. 0.070 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:146	Resp:	2300	
Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.7	74.5
75	29.7	25.2	37.8

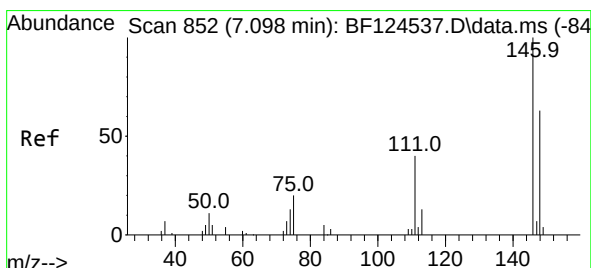
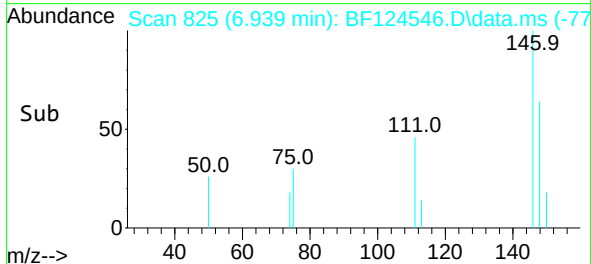
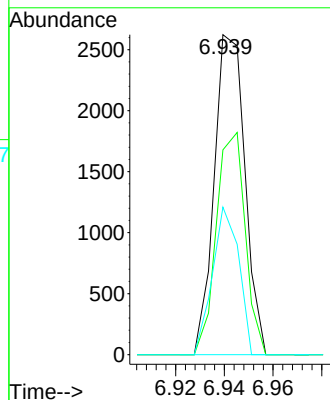
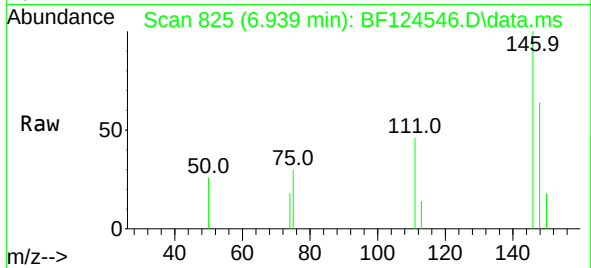




#13
1,4-Dichlorobenzene
Concen: 3.681 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

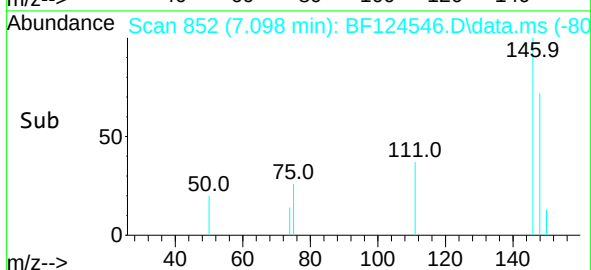
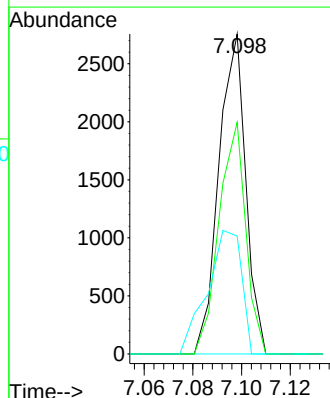
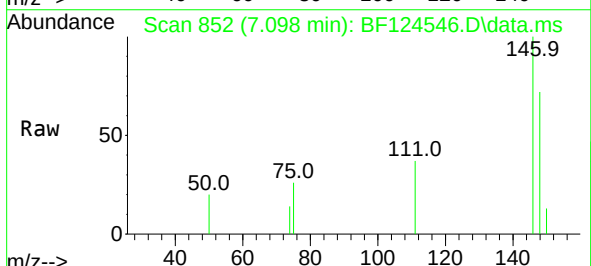
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

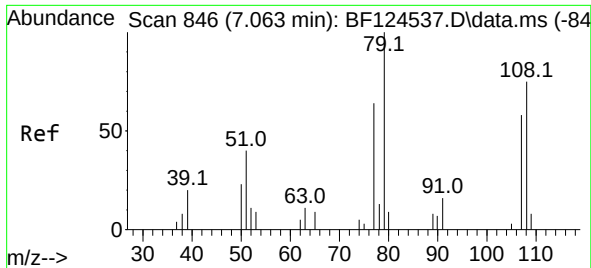
Tgt Ion:146	Resp:	2300
Ion Ratio	Lower	Upper
146	100	
148	64.0	51.9 77.9
111	46.1	31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 3.559 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:146	Resp:	2113
Ion Ratio	Lower	Upper
146	100	
148	72.4	50.6 75.8
111	36.9	33.5 50.3

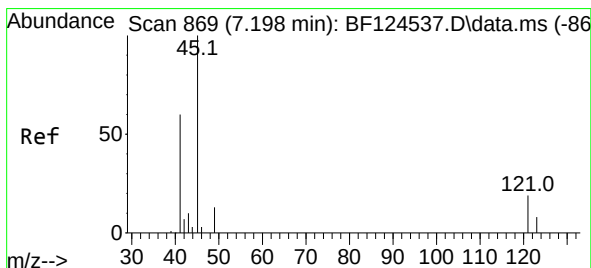
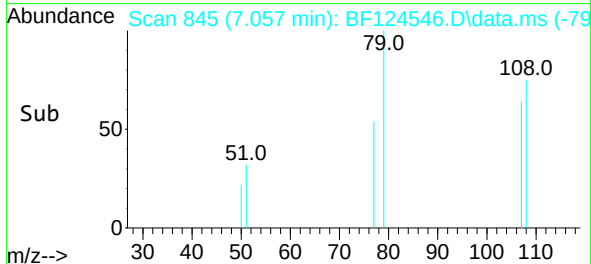
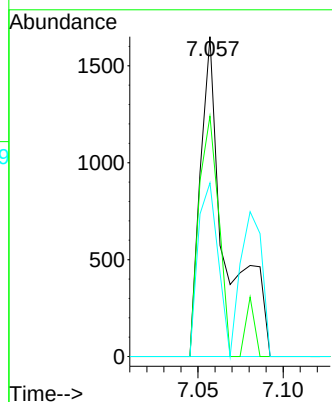
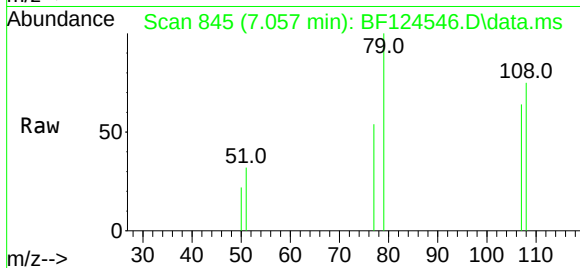




#15
Benzyl Alcohol
Concen: 4.130 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

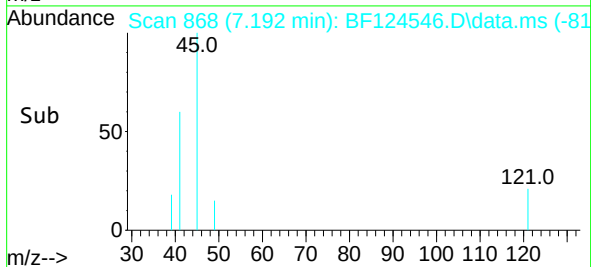
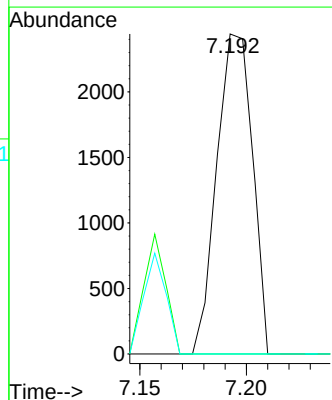
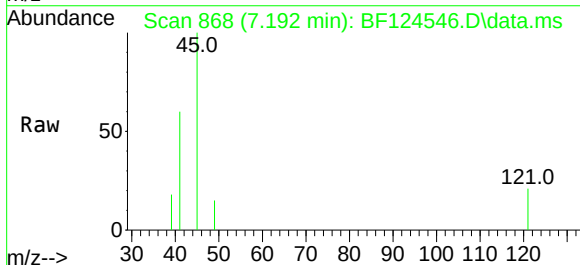
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

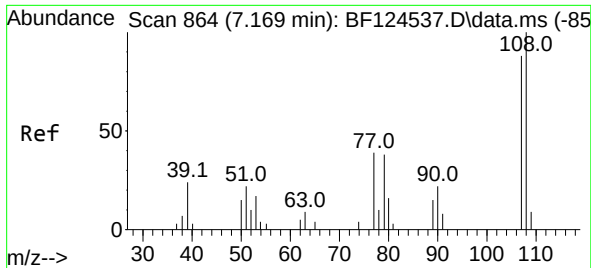
Tgt Ion: 79	Resp: 1733
Ion Ratio	Lower Upper
79 100	
108 75.2	60.4 90.6
77 54.3	51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.600 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion: 45	Resp: 2848
Ion Ratio	Lower Upper
45 100	
77 0.0	0.0 30.6
79 0.0	0.0 27.5

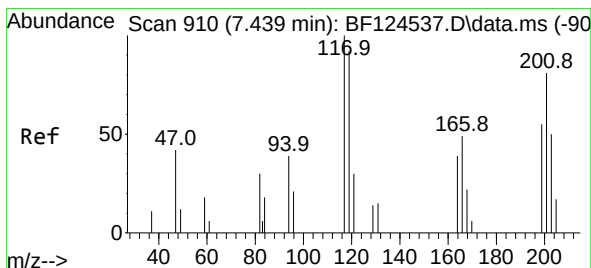
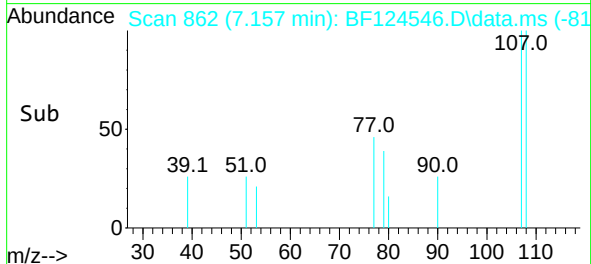
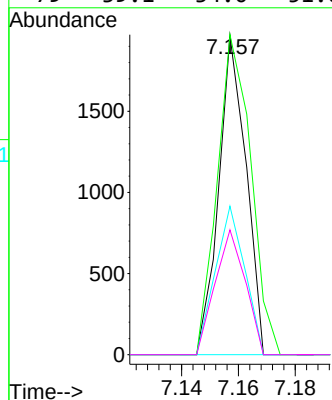
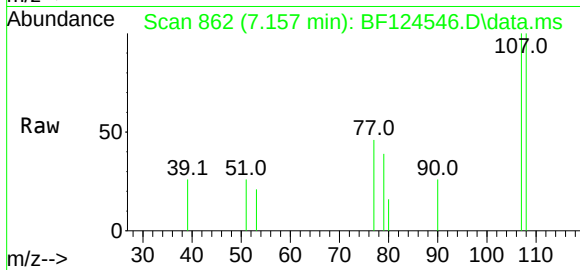




#17
2-Methylphenol
Concen: 3.200 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

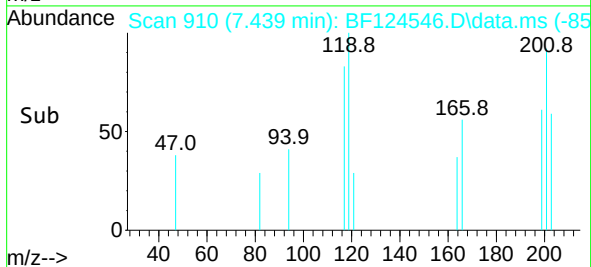
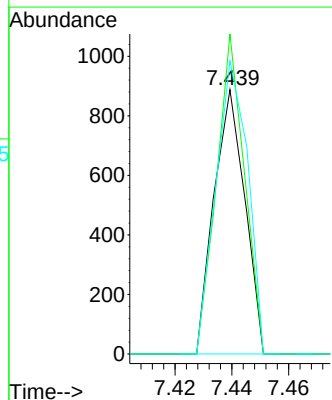
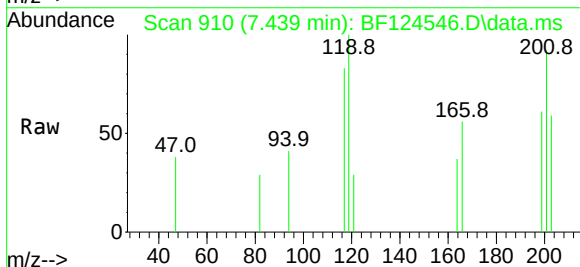
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

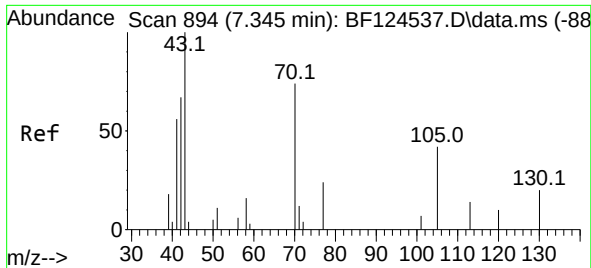
Tgt Ion:	107	Resp:	1309
Ion	Ratio	Lower	Upper
107	100		
108	100.3	90.6	135.8
77	46.5	35.7	53.5
79	39.1	34.0	51.0



#18
Hexachloroethane
Concen: 2.835 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:	117	Resp:	667
Ion	Ratio	Lower	Upper
117	100		
119	121.1	73.4	110.2#
201	110.8	64.9	97.3#



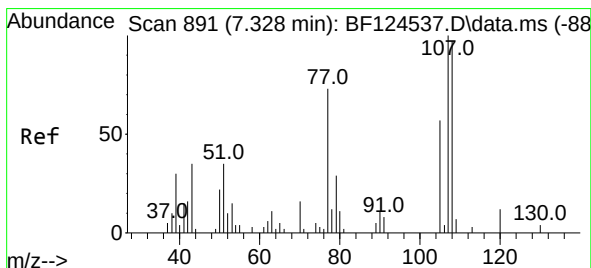
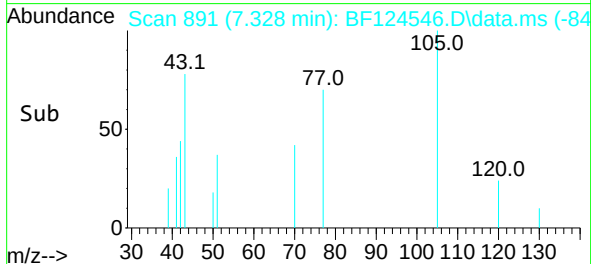
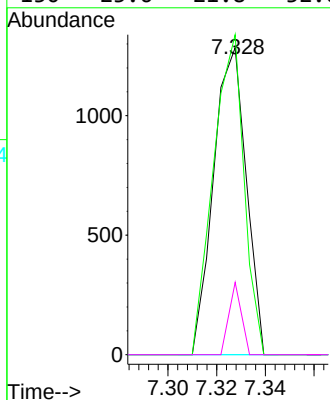
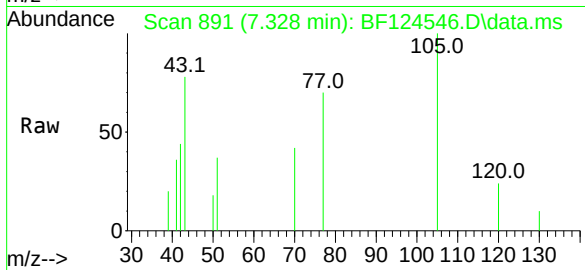


#19

n-Nitroso-di-n-propylamine
Concen: 3.508 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

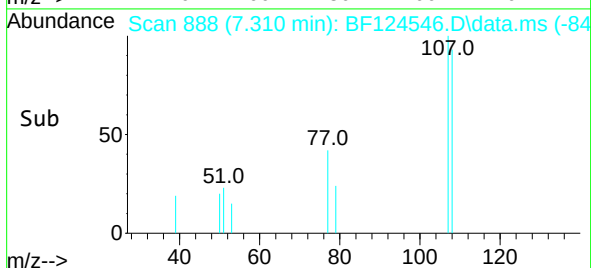
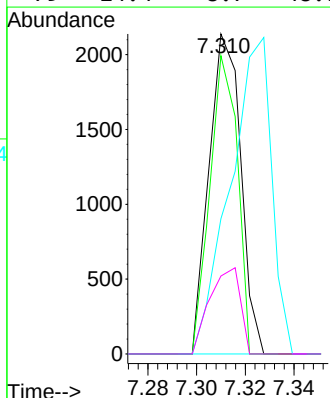
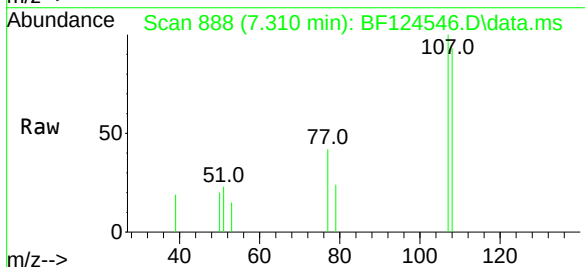
Tgt Ion: 70 Resp: 1196
Ion Ratio Lower Upper
70 100
42 104.2 72.2 108.2
101 0.0 7.8 11.8#
130 23.6 21.8 32.6

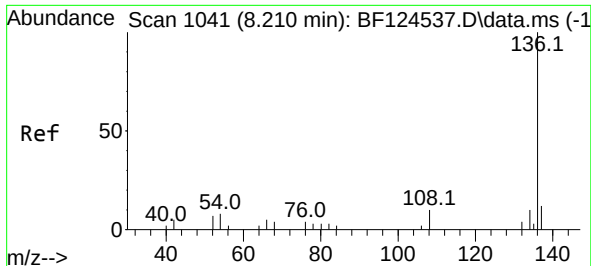


#20

3+4-Methylphenols
Concen: 3.593 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion: 107 Resp: 1935
Ion Ratio Lower Upper
107 100
108 93.2 76.6 116.6
77 42.2 53.3 93.3#
79 24.4 8.7 48.7



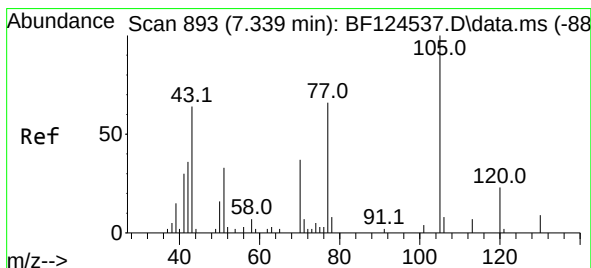
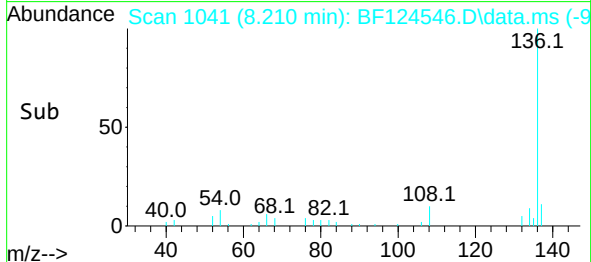
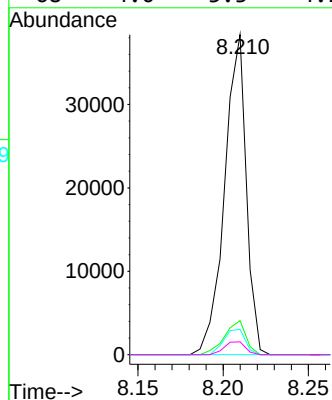
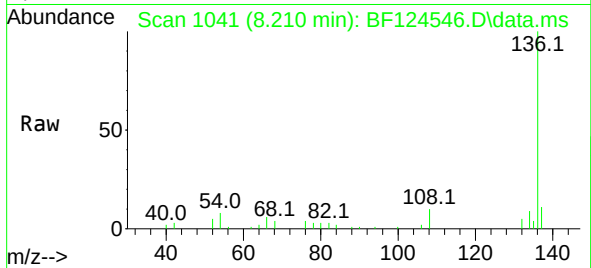


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:136 Resp: 33909

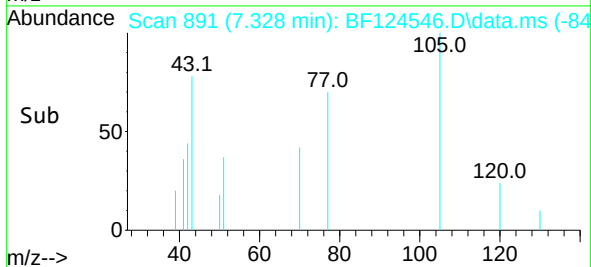
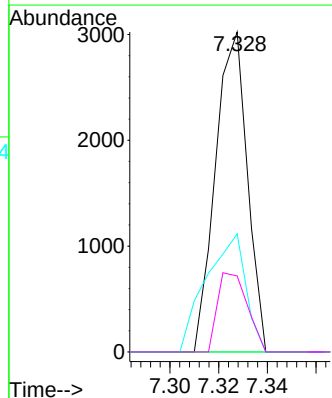
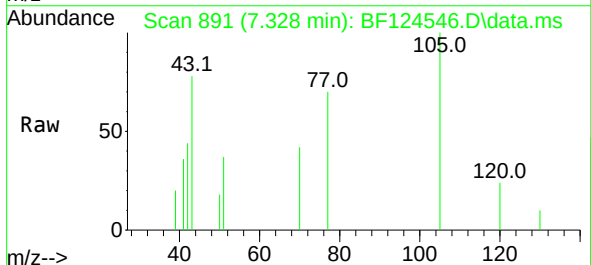
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	7.9	6.4	9.6
68	4.0	3.3	4.9

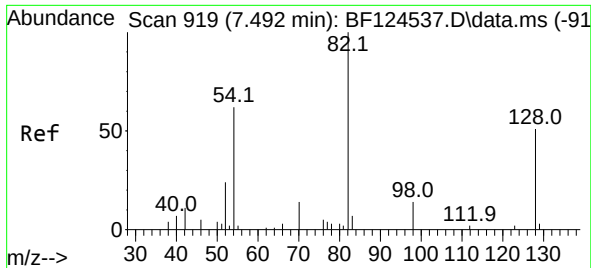


#22
Acetophenone
Concen: 3.566 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:105 Resp: 2744

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	36.9	26.0	39.0
120	23.7	18.5	27.7

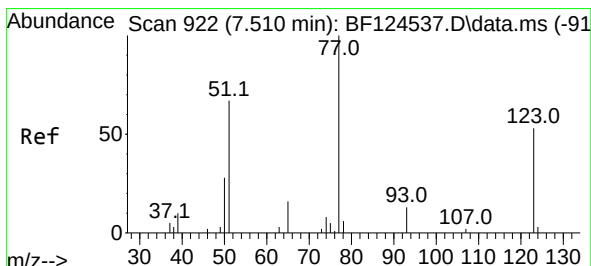
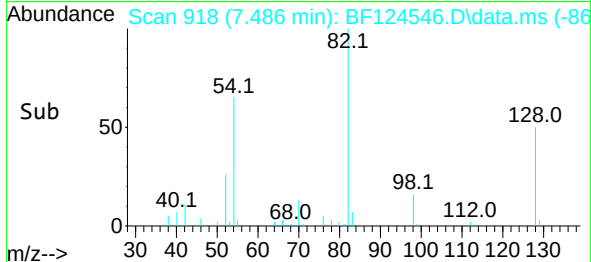
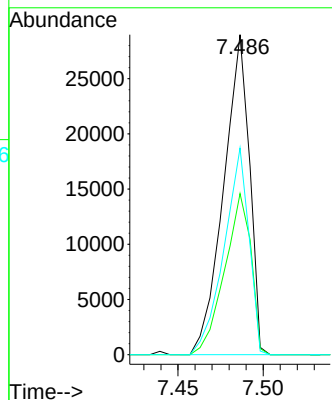
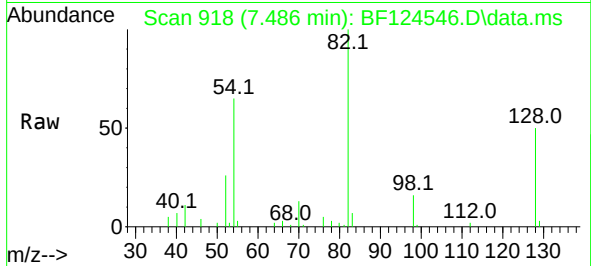




#23
Nitrobenzene-d5
Concen: 56.838 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

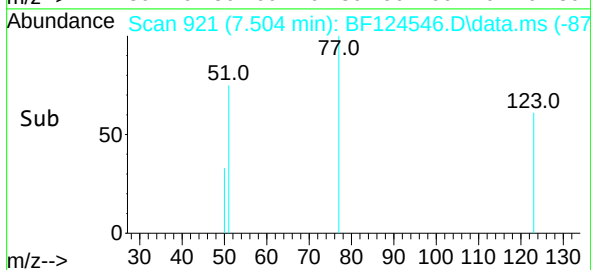
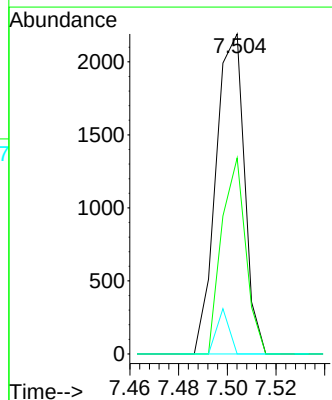
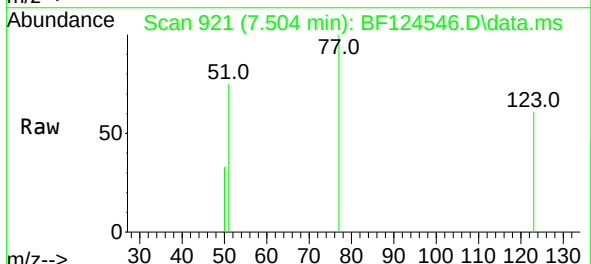
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

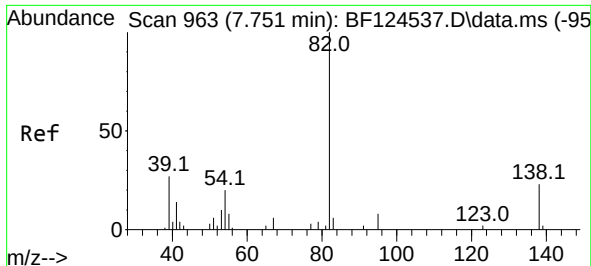
Tgt Ion: 82 Resp: 30531
Ion Ratio Lower Upper
82 100
128 50.4 40.6 60.8
54 64.6 49.6 74.4



#24
Nitrobenzene
Concen: 3.346 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion: 77 Resp: 1782
Ion Ratio Lower Upper
77 100
123 61.3 42.3 63.5
65 0.0 12.4 18.6#

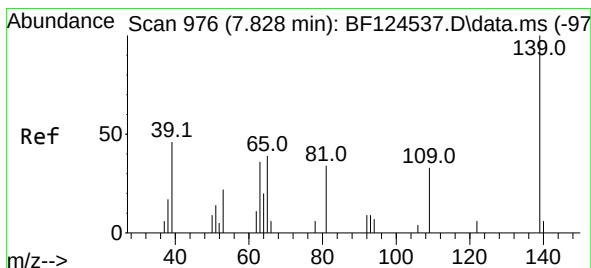
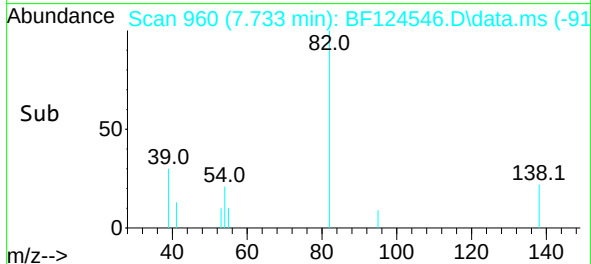
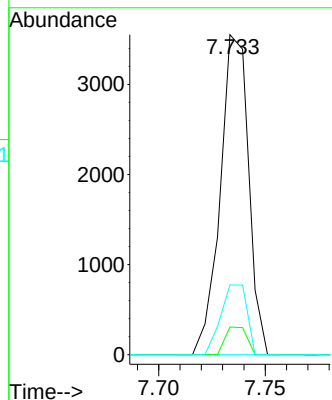
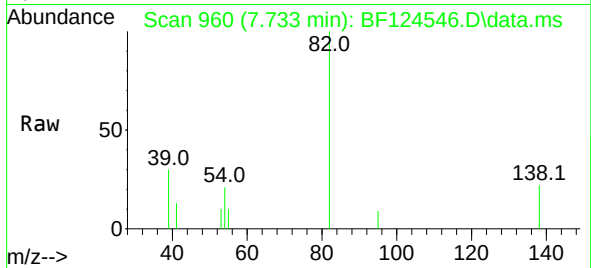




#25
Isophorone
Concen: 3.327 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.018 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

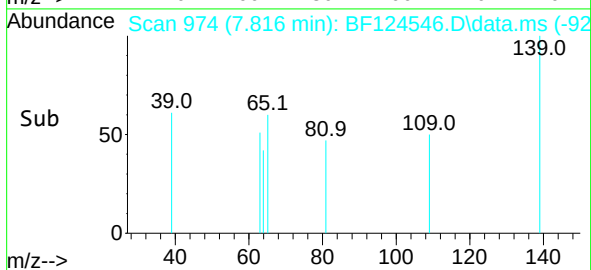
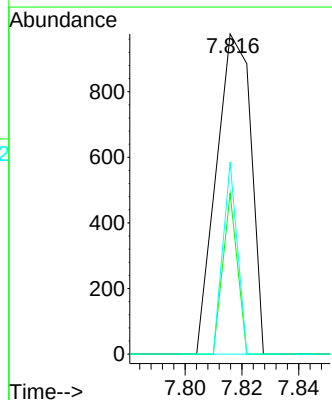
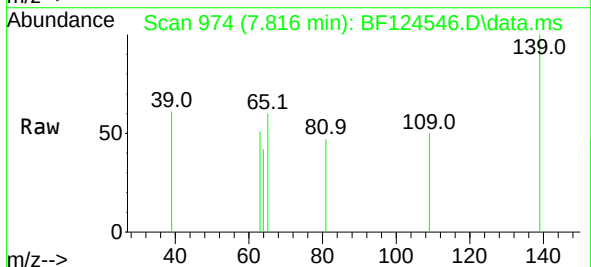
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

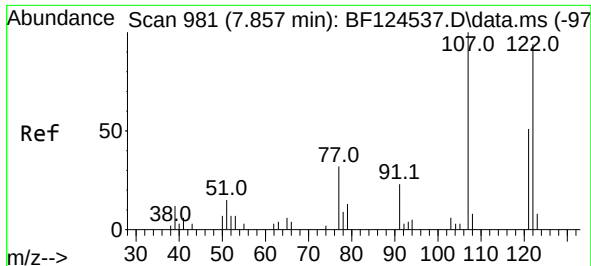
Tgt Ion: 82 Resp: 3281
Ion Ratio Lower Upper
82 100
95 8.6 6.5 9.7
138 21.8 18.4 27.6



#26
2-Nitrophenol
Concen: 2.871 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion: 139 Resp: 825
Ion Ratio Lower Upper
139 100
109 50.3 26.0 39.0#
65 59.9 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 3.522 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.012 min

Lab File: BF124546.D

Acq: 13 Jul 2021 14:35

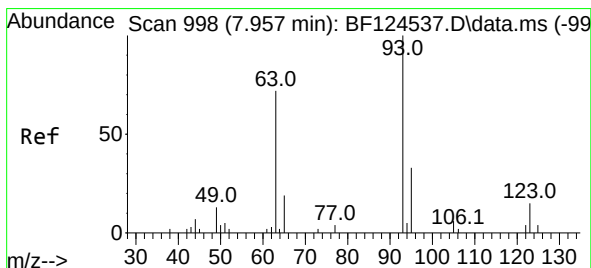
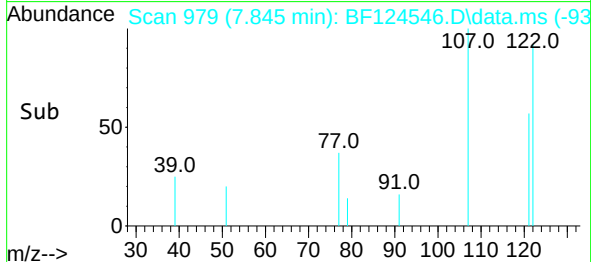
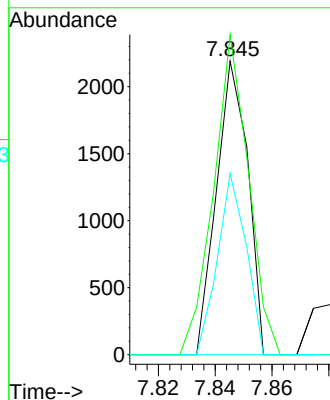
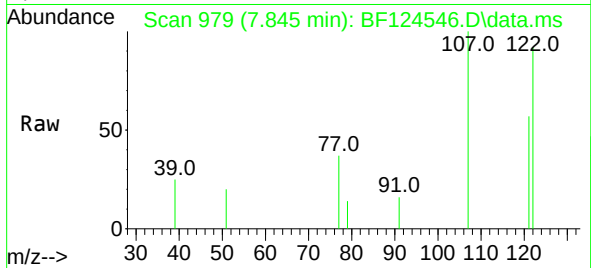
Tgt Ion: 122 Resp: 1677

Ion Ratio Lower Upper

122 100

107 109.0 85.0 127.6

121 61.7 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 3.780 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF124546.D

Acq: 13 Jul 2021 14:35

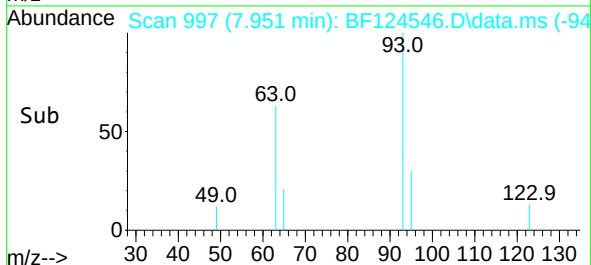
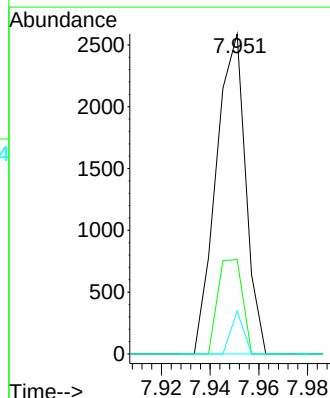
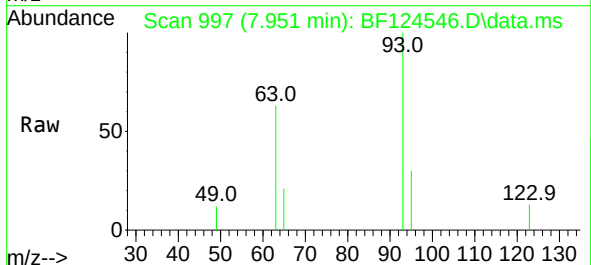
Tgt Ion: 93 Resp: 2174

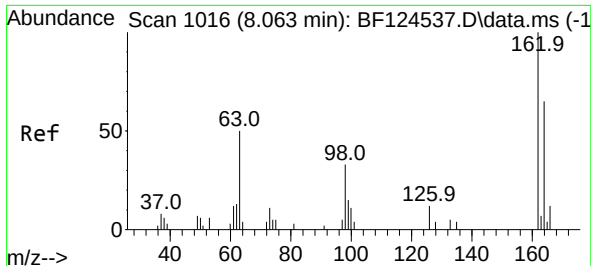
Ion Ratio Lower Upper

93 100

95 29.5 26.1 39.1

123 13.4 11.7 17.5

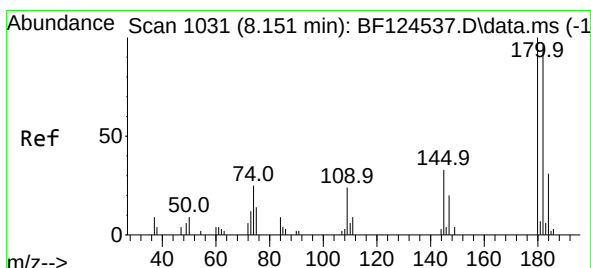
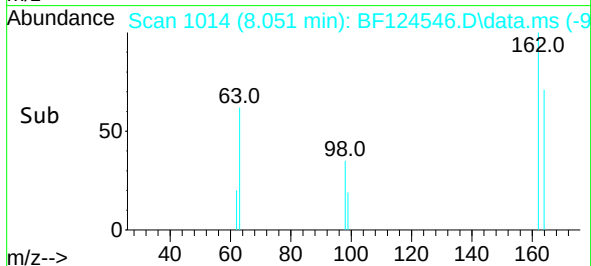
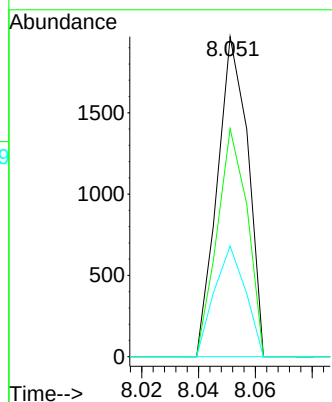
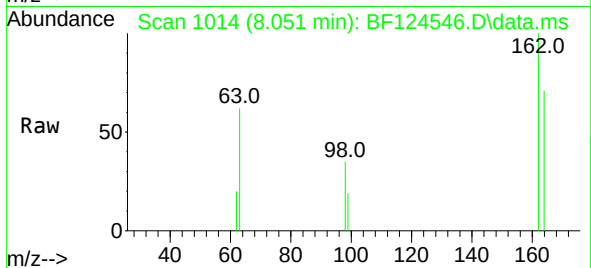




#29
2,4-Dichlorophenol
Concen: 2.997 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

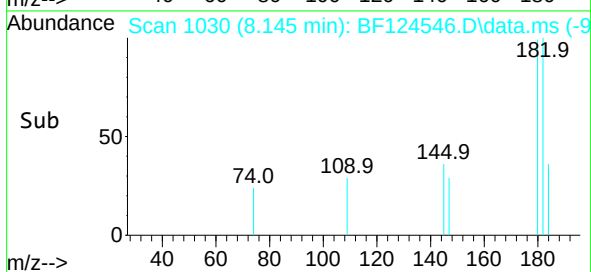
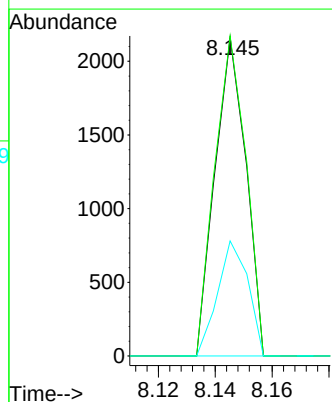
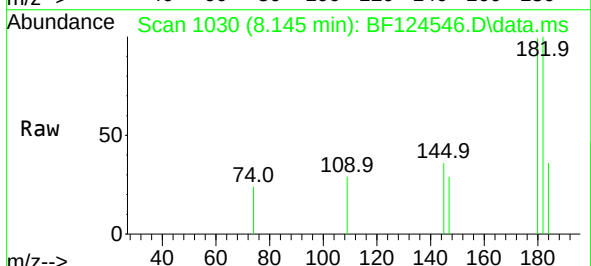
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

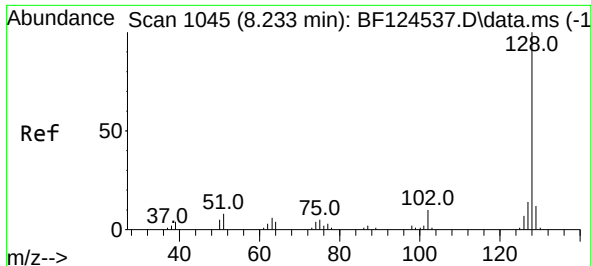
Tgt Ion:162 Resp: 1472
Ion Ratio Lower Upper
162 100
164 71.2 44.5 84.5
98 34.6 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 2.994 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:180 Resp: 1627
Ion Ratio Lower Upper
180 100
182 100.5 76.8 115.2
145 36.1 26.7 40.1

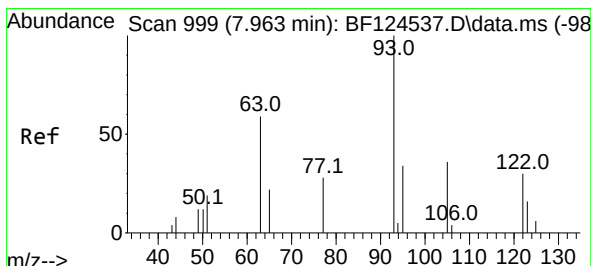
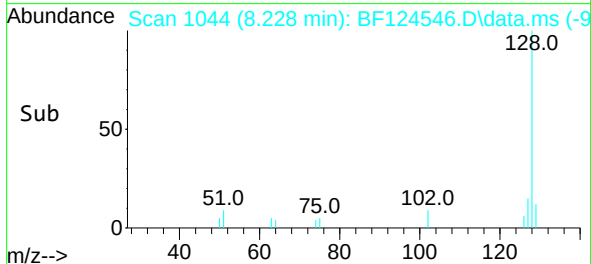
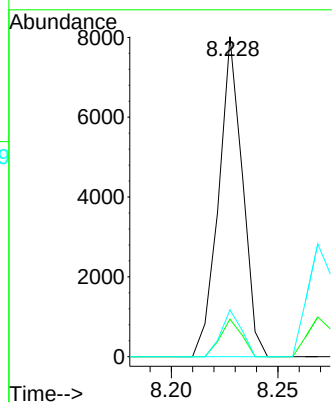
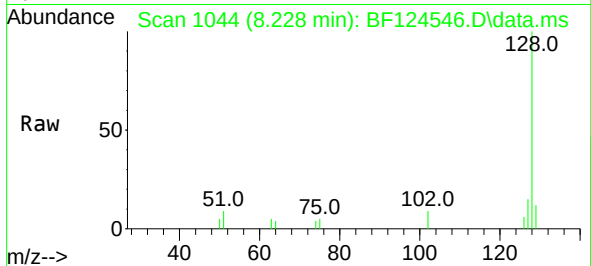




#31
Naphthalene
Concen: 3.538 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

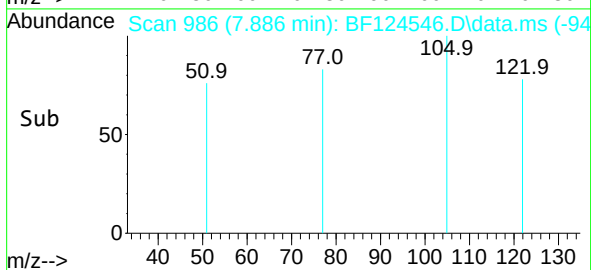
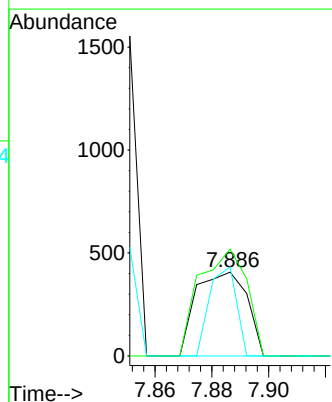
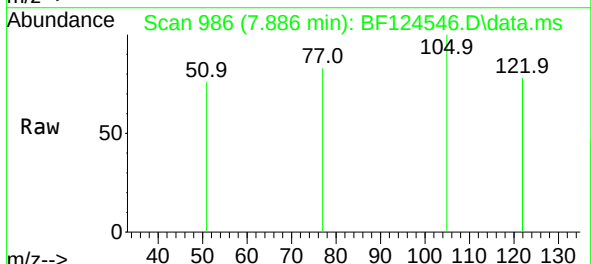
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

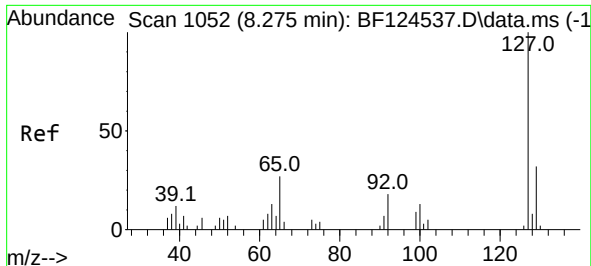
Tgt Ion:128 Resp: 6205
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.7 10.9 16.3



#32
Benzoic acid
Concen: 1.519 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.077 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:122 Resp: 504
Ion Ratio Lower Upper
122 100
105 127.5 97.6 137.6
77 106.1 59.6 99.6#

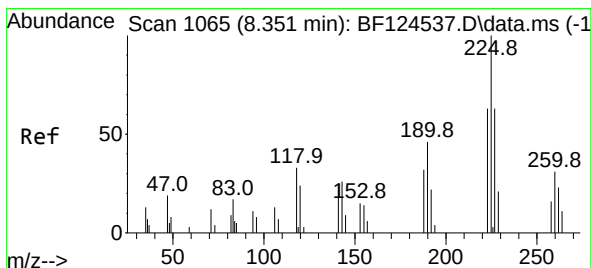
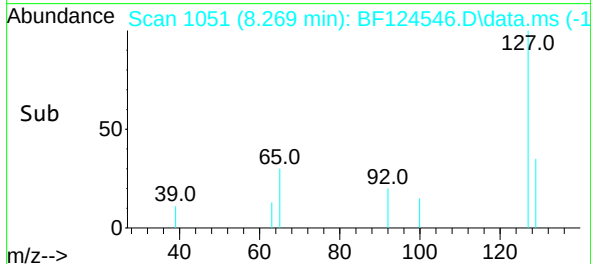
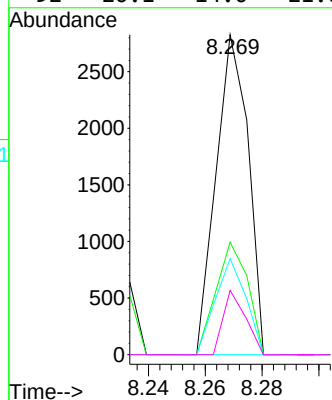
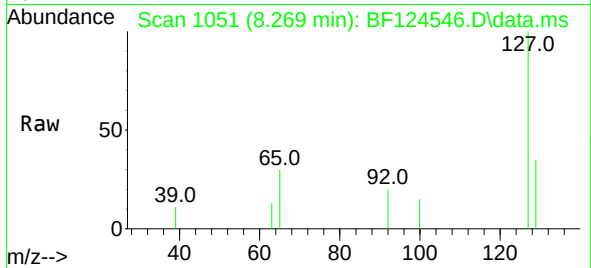




#33
4-Chloroaniline
Concen: 3.339 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

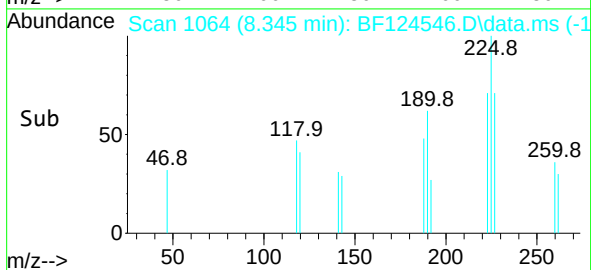
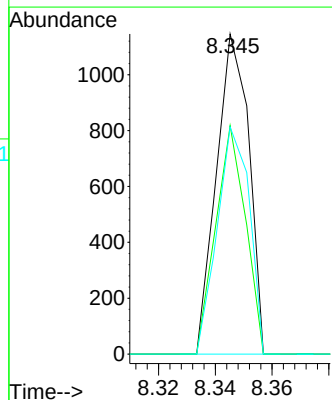
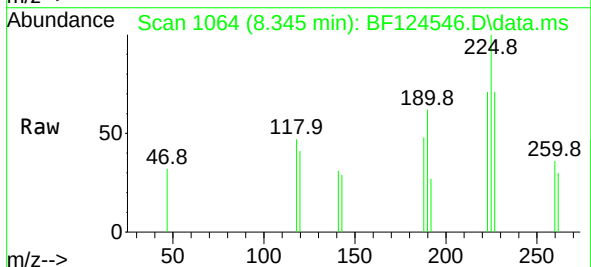
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

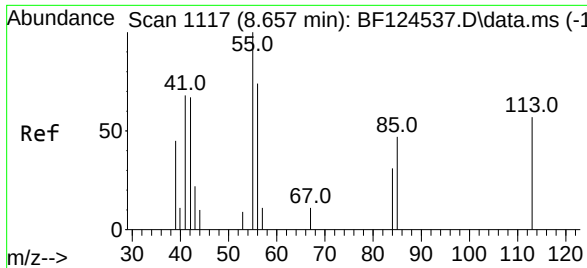
Tgt Ion:	127	Resp:	2213
Ion	Ratio	Lower	Upper
127	100		
129	35.1	25.7	38.5
65	30.0	21.2	31.8
92	20.1	14.0	21.0



#34
Hexachlorobutadiene
Concen: 2.960 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:	225	Resp:	908
Ion	Ratio	Lower	Upper
225	100		
223	71.4	50.6	76.0
227	70.9	50.6	75.8

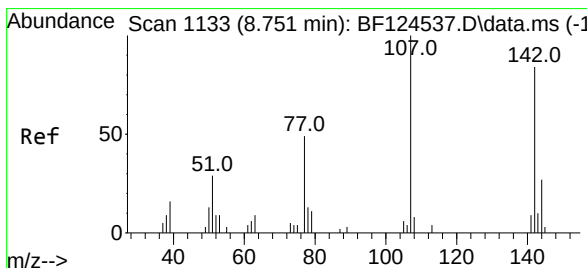
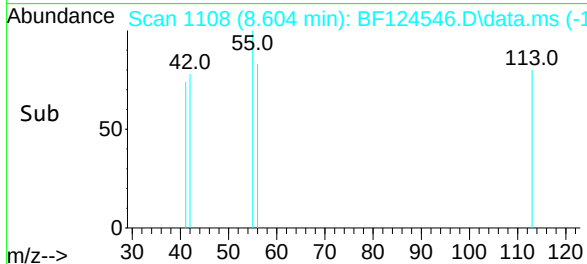
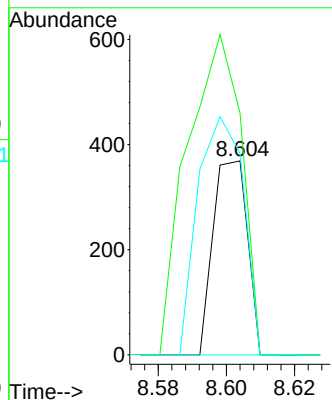
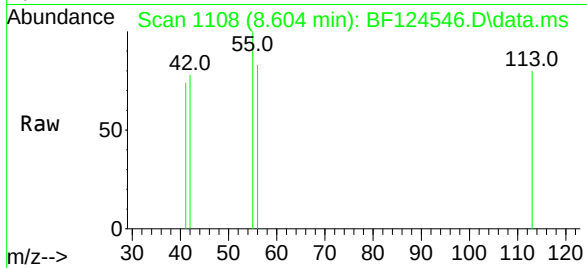




#35
 Caprolactam
 Concen: 2.077 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. -0.053 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

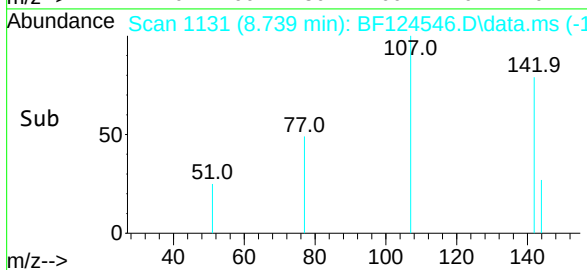
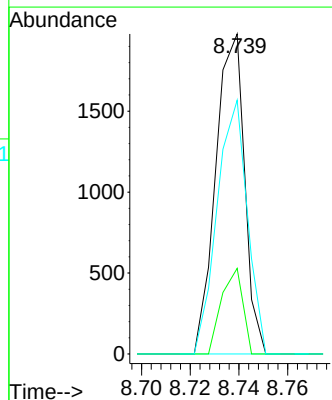
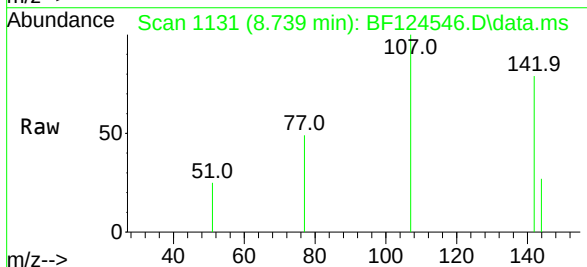
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

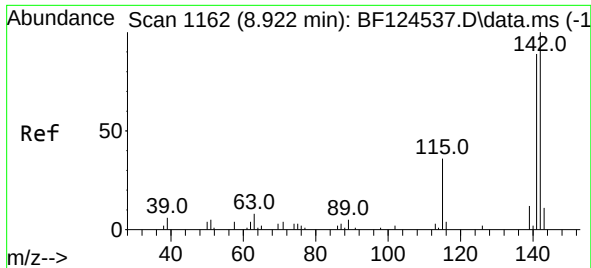
Tgt Ion:113 Resp: 258
 Ion Ratio Lower Upper
 113 100
 55 124.7 154.1 194.1#
 56 103.8 108.7 148.7#



#36
 4-Chloro-3-methylphenol
 Concen: 3.344 ng
 RT: 8.739 min Scan# 1131
 Delta R.T. -0.012 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

Tgt Ion:107 Resp: 1624
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.9 32.9
 142 79.3 67.1 100.7

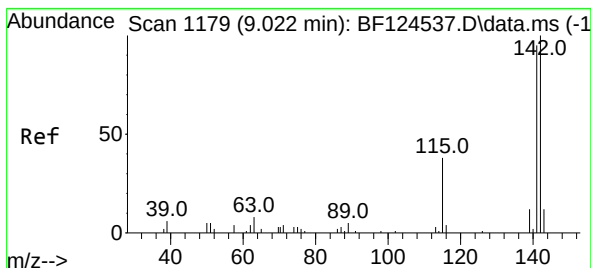
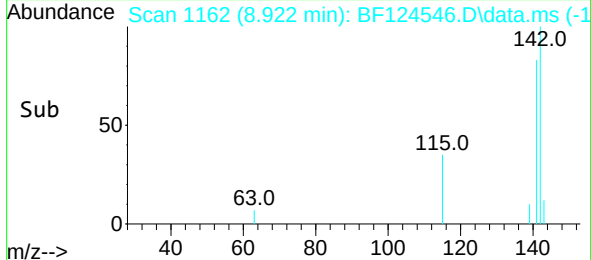
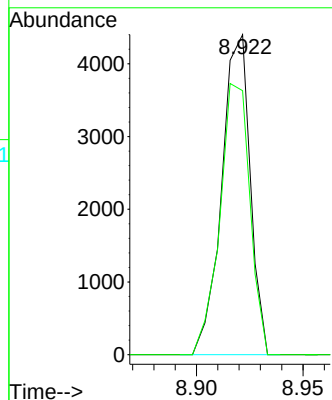
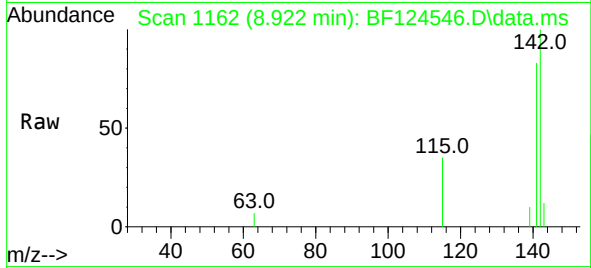




#37
2-Methylnaphthalene
Concen: 3.458 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

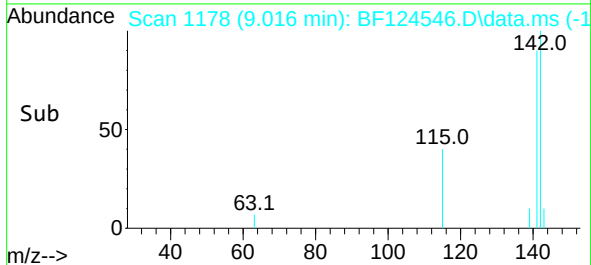
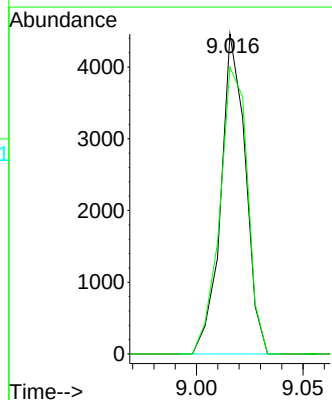
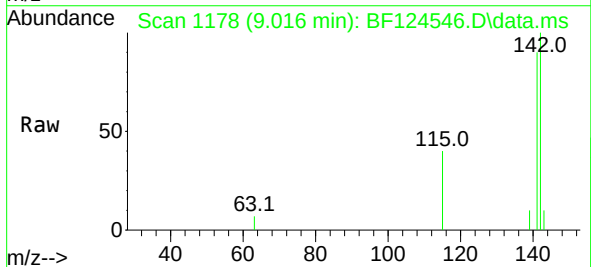
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

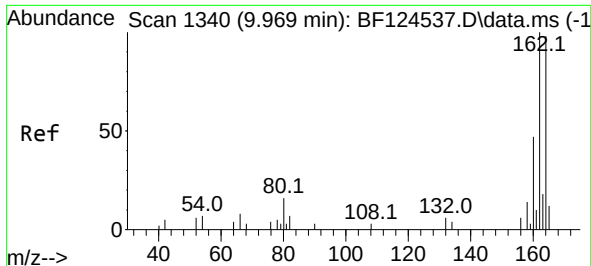
Tgt Ion:142 Resp: 4093
Ion Ratio Lower Upper
142 100
141 82.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 3.222 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

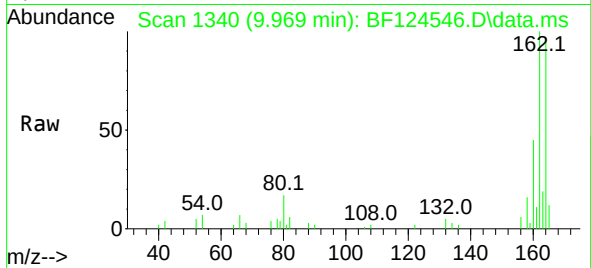
Tgt Ion:142 Resp: 3581
Ion Ratio Lower Upper
142 100
141 89.6 76.0 114.0



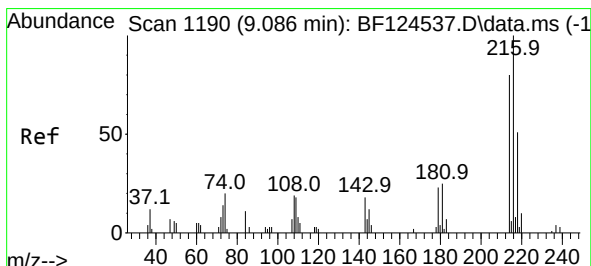
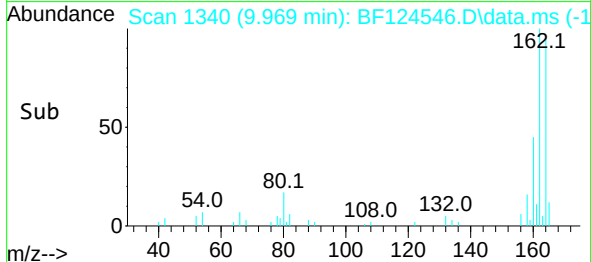
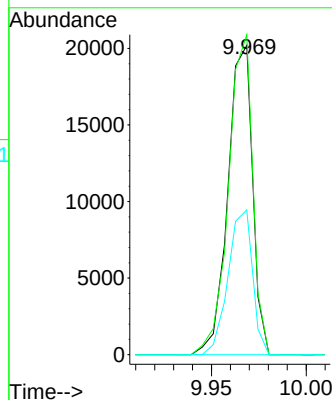


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

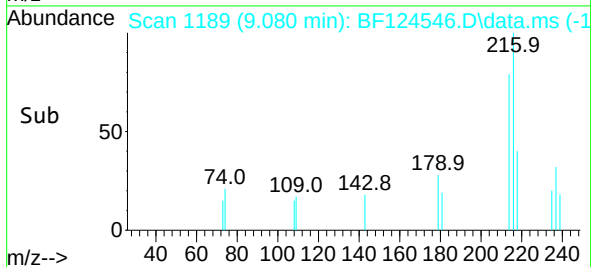
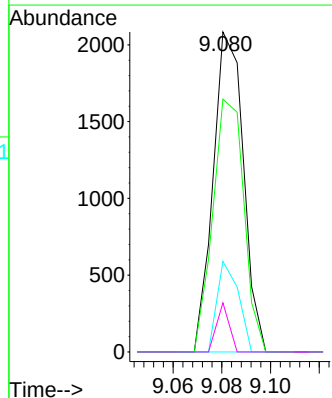
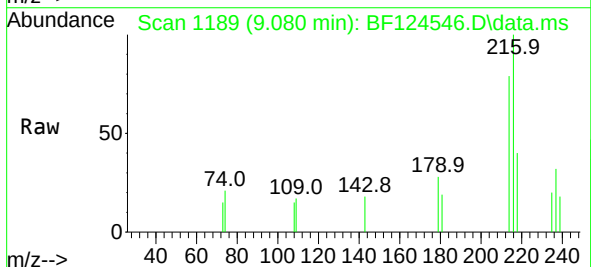


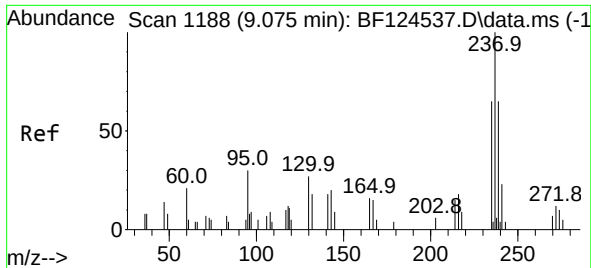
Tgt Ion:164 Resp: 18310
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 46.8 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.680 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:216 Resp: 1797
Ion Ratio Lower Upper
216 100
214 81.1 64.9 97.3
179 19.9 17.4 26.2
108 6.3 16.5 24.7#

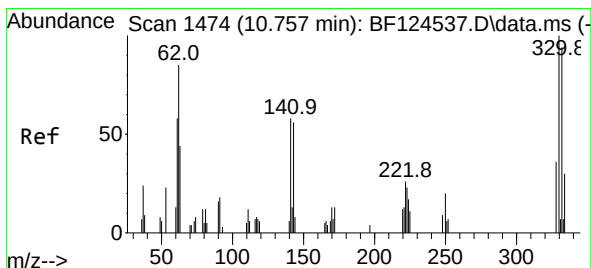
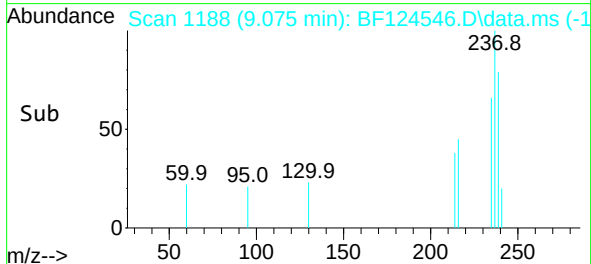
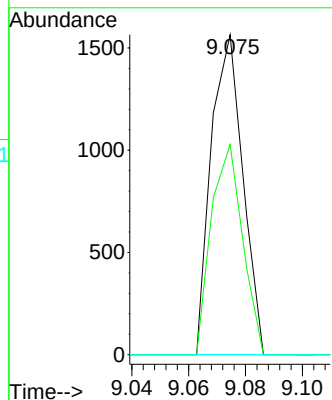
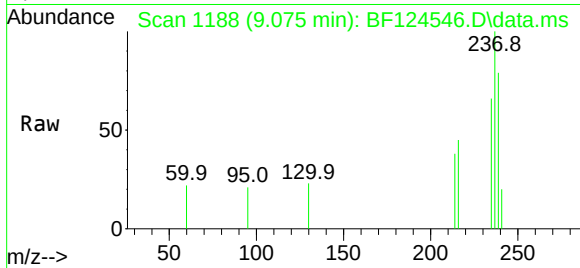




#41
Hexachlorocyclopentadiene
Concen: 3.960 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

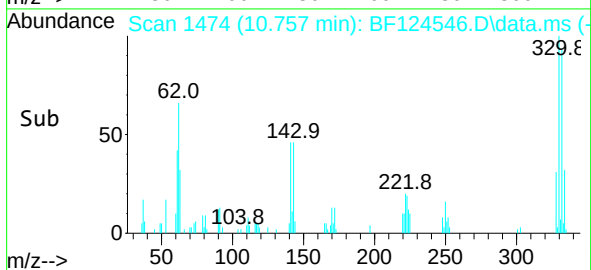
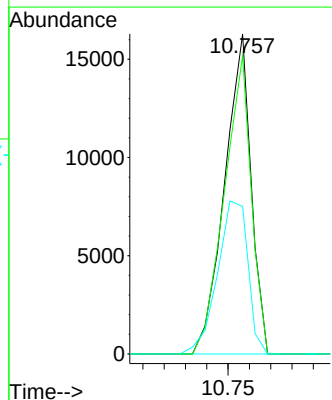
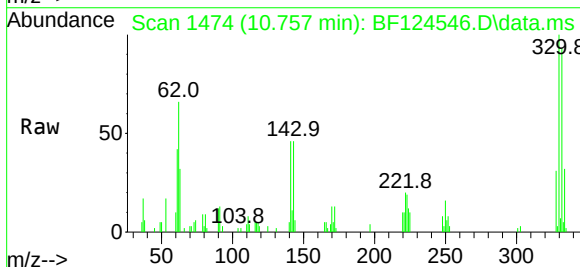
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

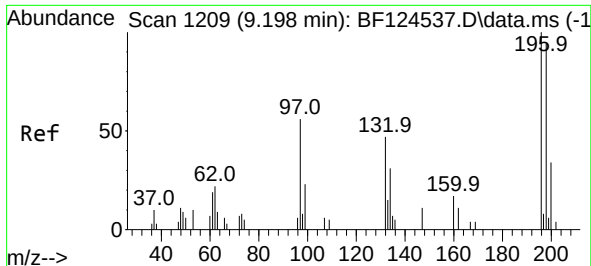
Tgt Ion:	237	Resp:	1208
Ion	Ratio	Lower	Upper
237	100		
235	65.7	44.7	84.7
272	0.0	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 98.361 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:	330	Resp:	14015
Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	55.2	44.6	66.8

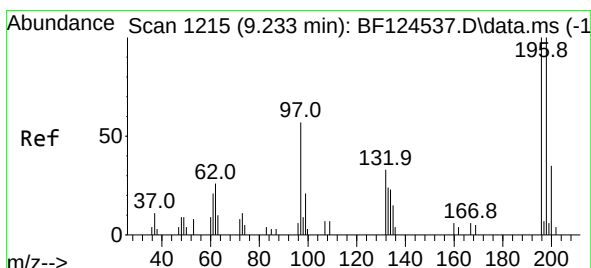
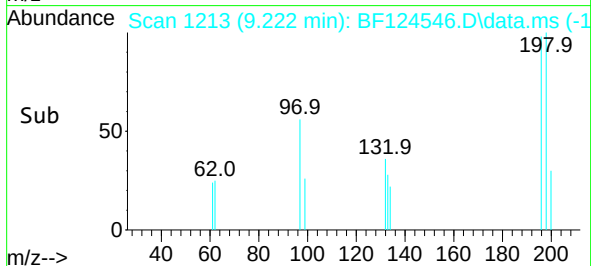
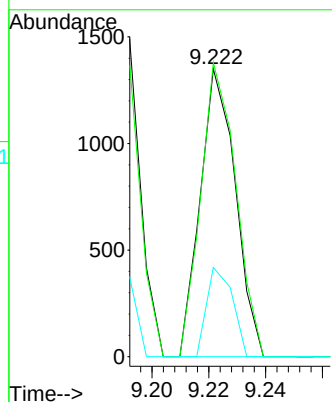
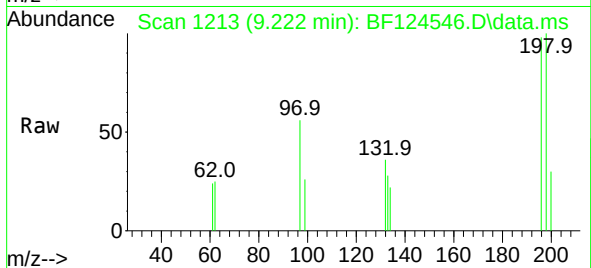




#43
2,4,6-Trichlorophenol
Concen: 3.287 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.024 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

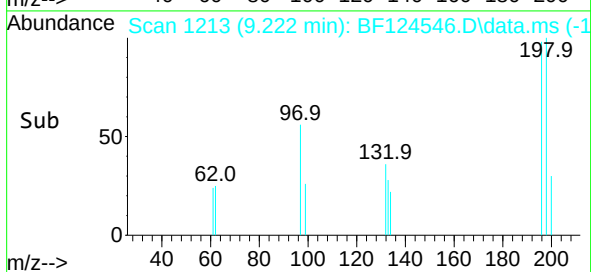
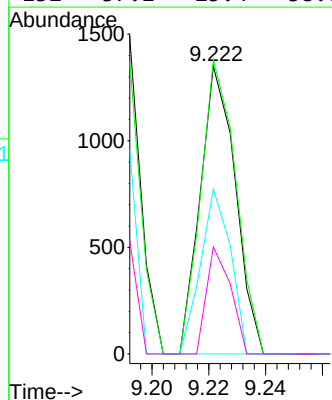
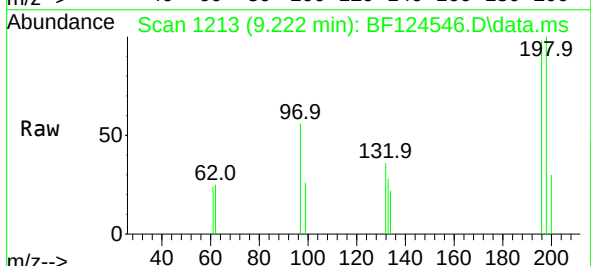
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

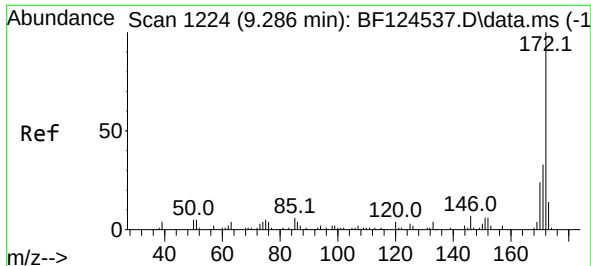
Tgt Ion:196 Resp: 1159
Ion Ratio Lower Upper
196 100
198 102.2 74.9 112.3
200 31.0 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 3.187 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.011 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:196 Resp: 1159
Ion Ratio Lower Upper
196 100
198 102.2 80.2 120.2
97 57.3 44.0 66.0
132 37.2 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 56.718 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF124546.D

Acq: 13 Jul 2021 14:35

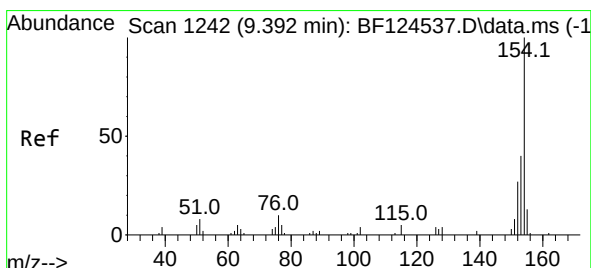
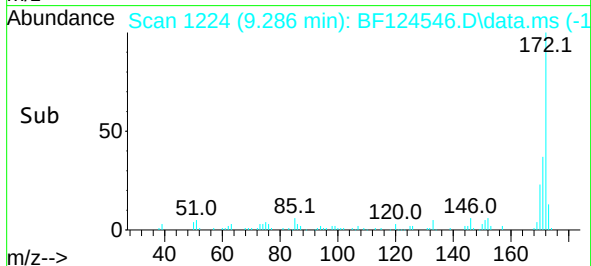
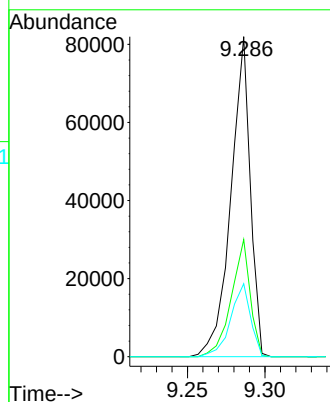
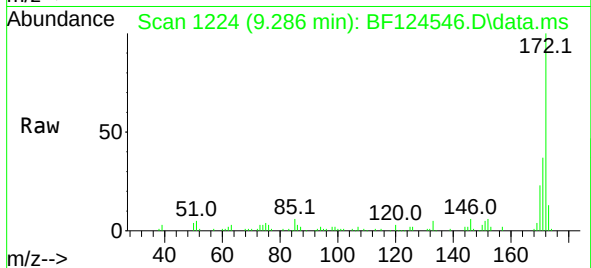
Tgt Ion:172 Resp: 71216

Ion Ratio Lower Upper

172 100

171 36.6 26.5 39.7

170 22.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 3.781 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF124546.D

Acq: 13 Jul 2021 14:35

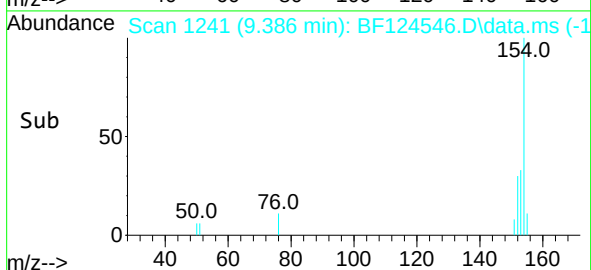
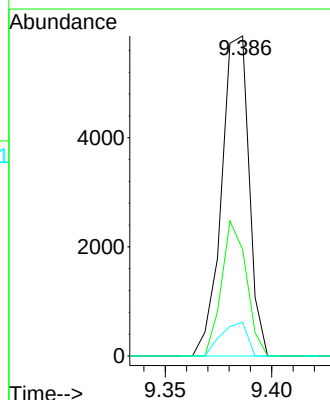
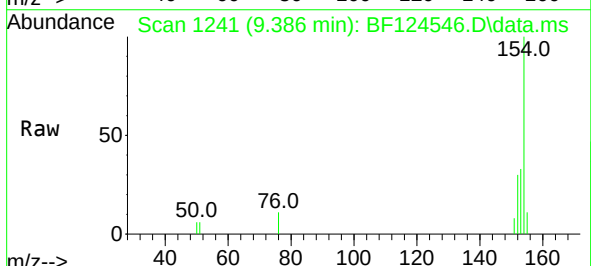
Tgt Ion:154 Resp: 5258

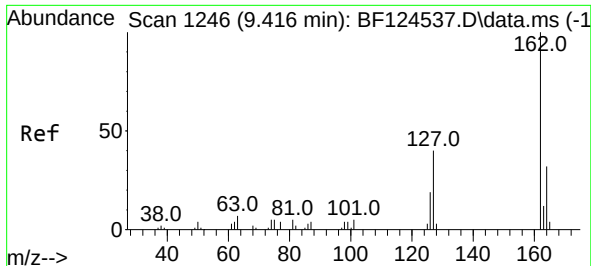
Ion Ratio Lower Upper

154 100

153 33.3 20.0 60.0

76 10.6 0.0 30.3

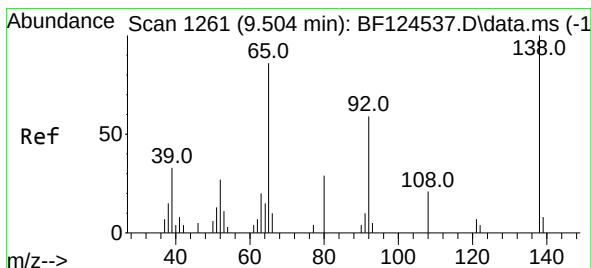
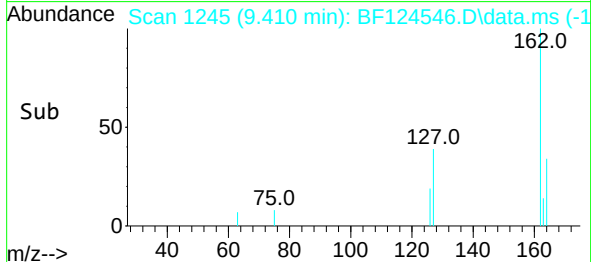
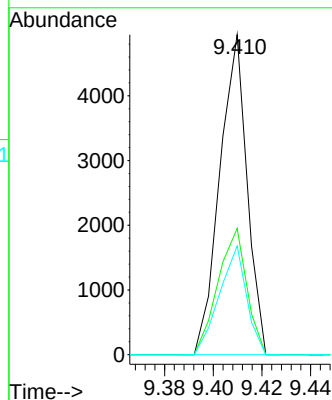
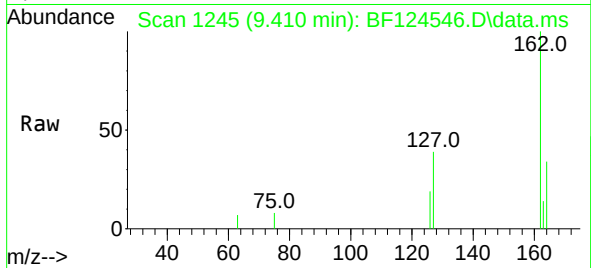




#47
2-Chloronaphthalene
Concen: 3.530 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

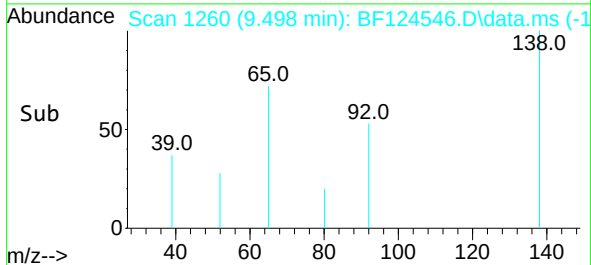
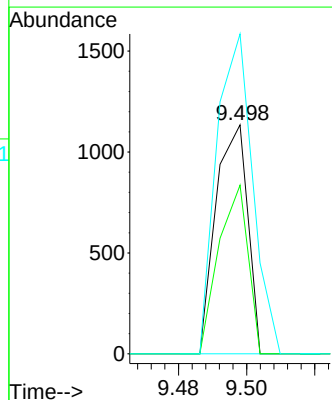
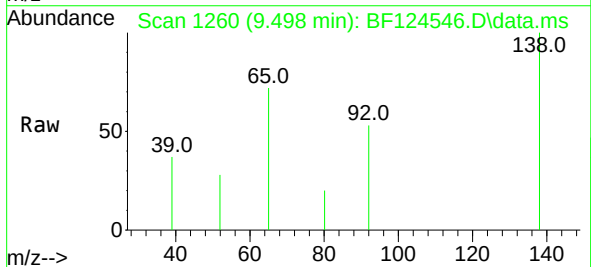
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

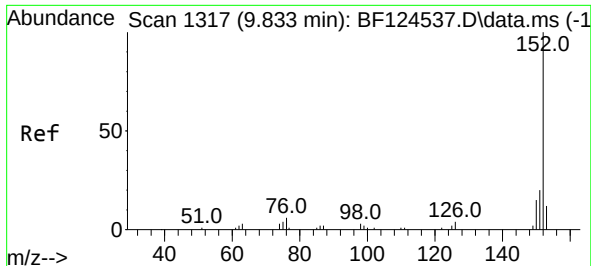
Tgt Ion:	162	Resp:	3849
Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.0	49.4
164	34.0	25.8	38.8



#48
2-Nitroaniline
Concen: 2.792 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:	65	Resp:	732
Ion	Ratio	Lower	Upper
65	100		
92	73.7	55.5	83.3
138	139.6	93.5	140.3





#49

Acenaphthylene

Concen: 3.687 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF124546.D

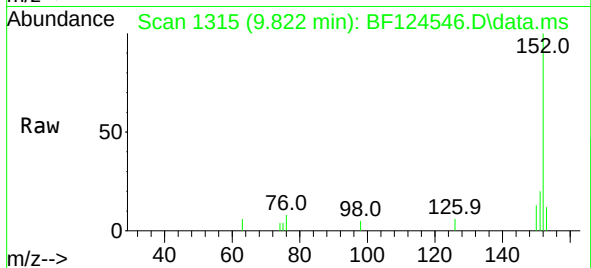
Acq: 13 Jul 2021 14:35

Instrument :

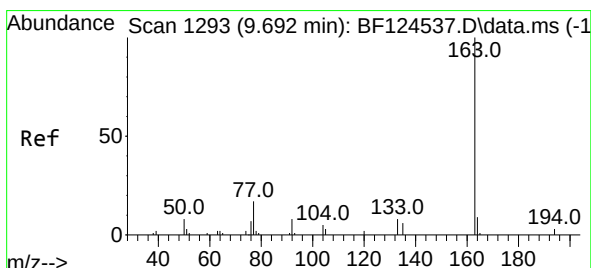
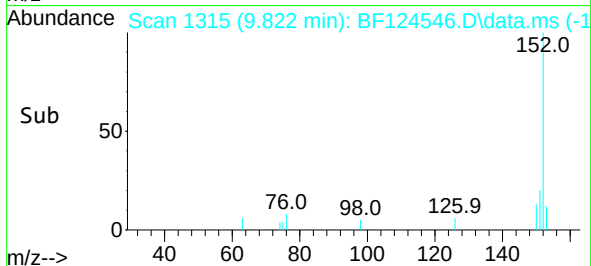
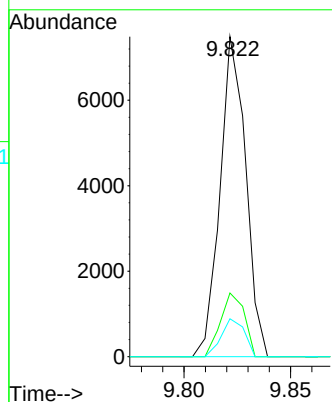
BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:	152	Resp:	6274
Ion Ratio	100	Lower	Upper
151	19.9	15.7	23.5
153	11.9	9.8	14.8



#50

Dimethylphthalate

Concen: 3.710 ng

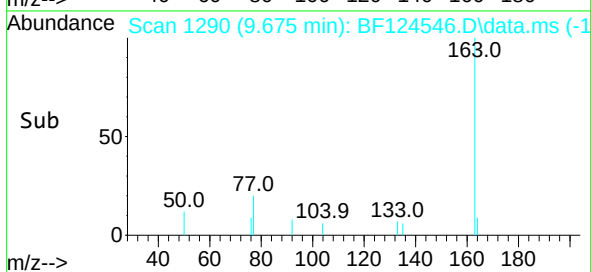
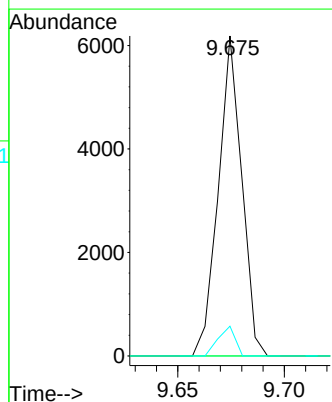
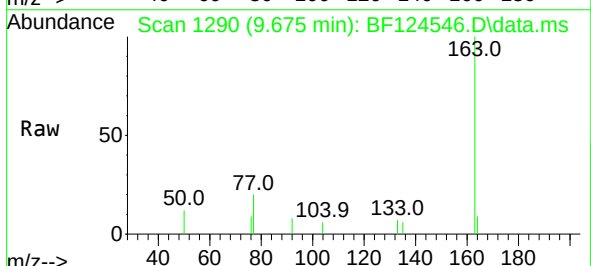
RT: 9.675 min Scan# 1290

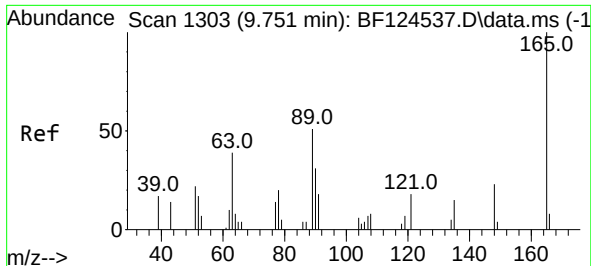
Delta R.T. -0.018 min

Lab File: BF124546.D

Acq: 13 Jul 2021 14:35

Tgt Ion:	163	Resp:	4726
Ion Ratio	100	Lower	Upper
163	100		
194	0.0	2.6	3.8
164	9.3	7.4	11.0

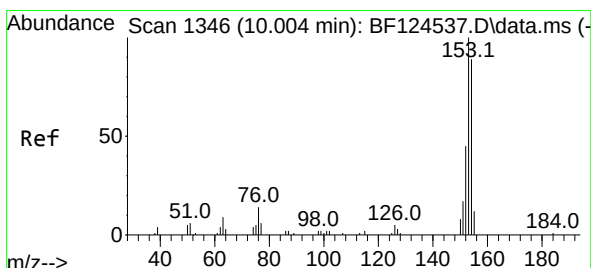
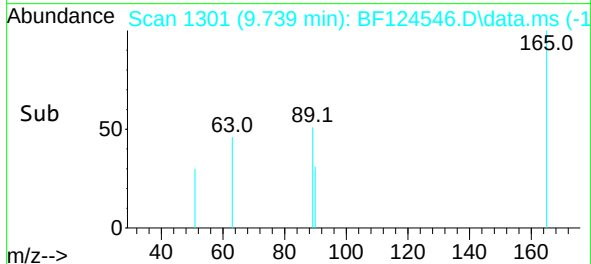
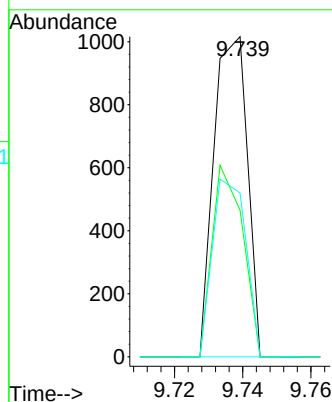
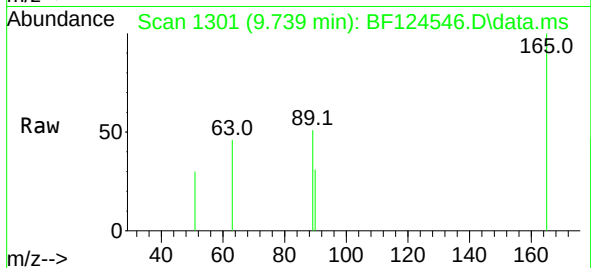




#51
2,6-Dinitrotoluene
Concen: 2.759 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

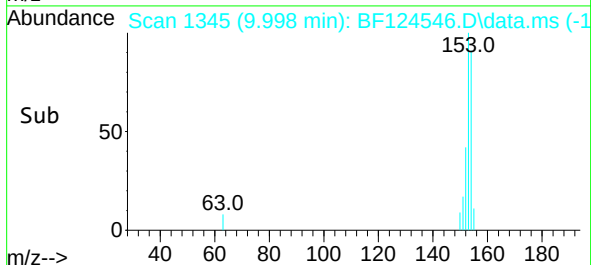
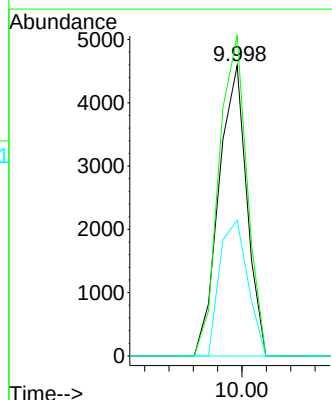
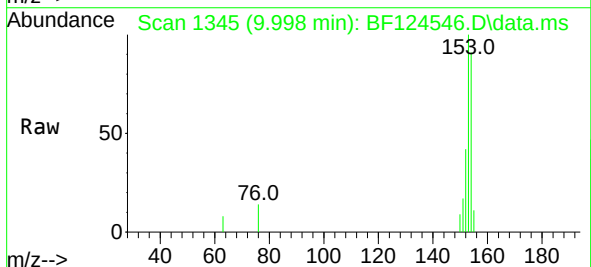
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

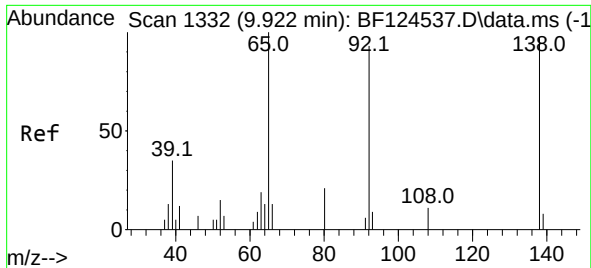
Tgt Ion:165 Resp: 693
Ion Ratio Lower Upper
165 100
63 45.8 42.6 63.8
89 51.2 40.6 60.8



#52
Acenaphthene
Concen: 3.355 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:154 Resp: 3650
Ion Ratio Lower Upper
154 100
153 110.2 89.4 134.2
152 46.7 40.5 60.7

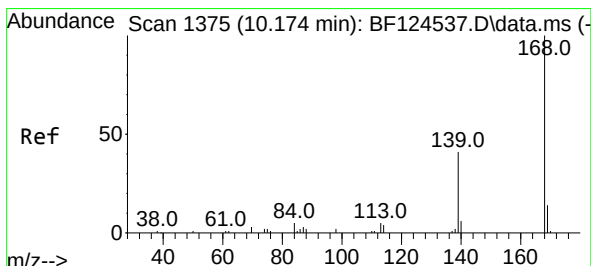
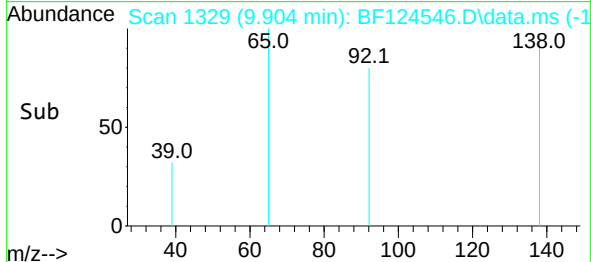
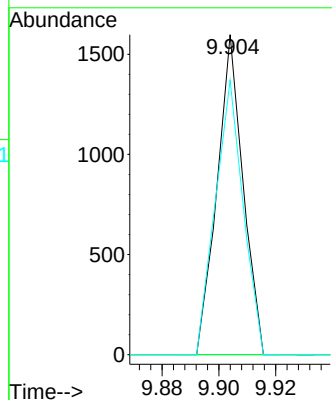
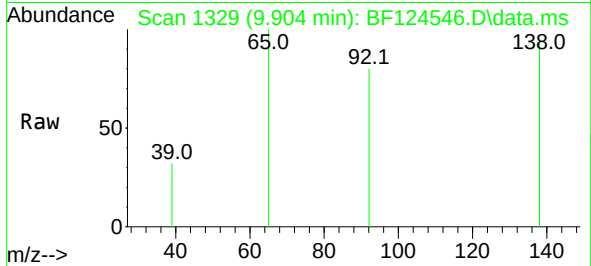




#53
3-Nitroaniline
Concen: 3.622 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.018 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

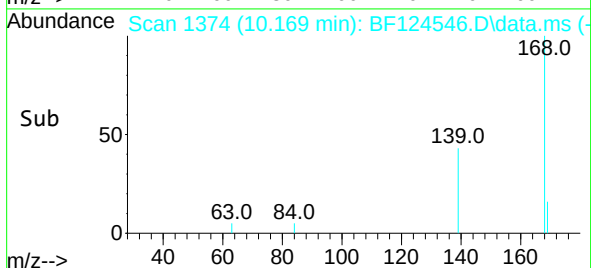
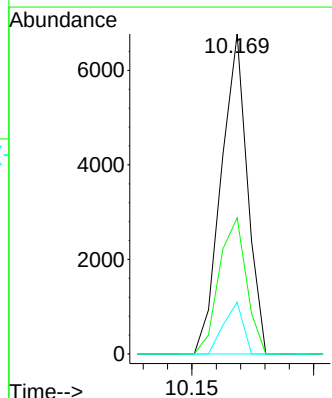
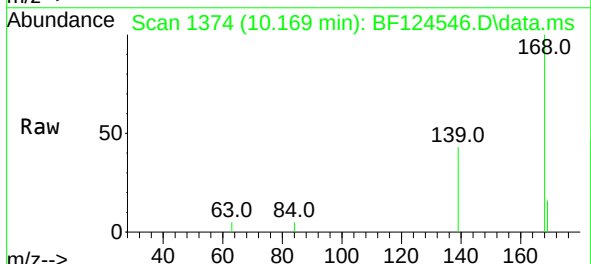
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

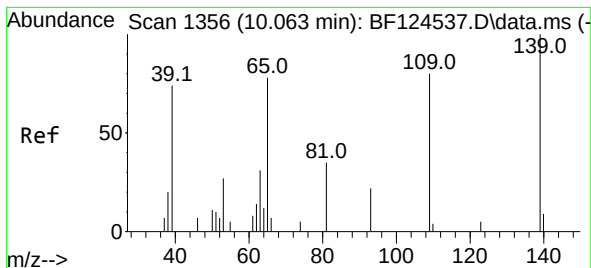
Tgt Ion:138 Resp: 1015
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 85.8 76.5 114.7



#55
Dibenzofuran
Concen: 3.156 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:168 Resp: 5048
Ion Ratio Lower Upper
168 100
139 42.5 32.7 49.1
169 16.2 11.2 16.8

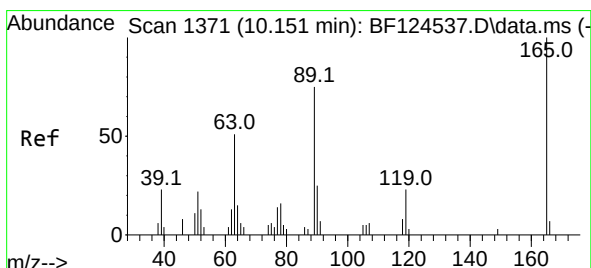
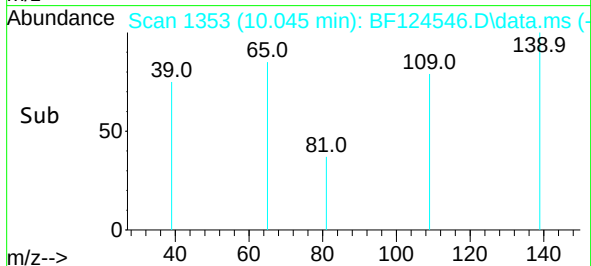
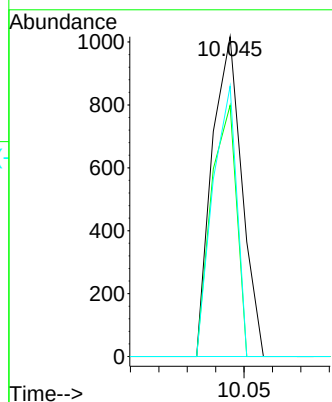
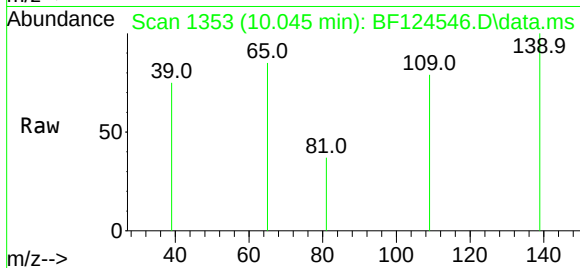




#56
4-Nitrophenol
Concen: 3.177 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.018 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

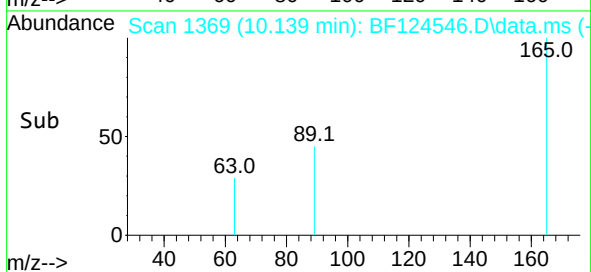
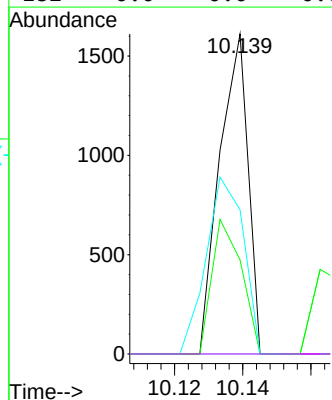
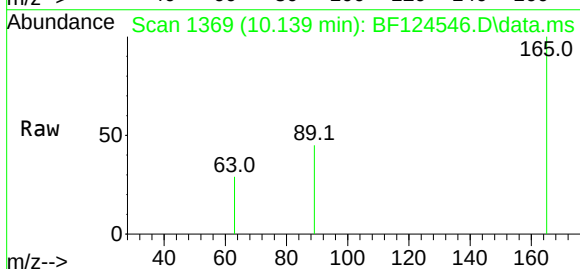
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

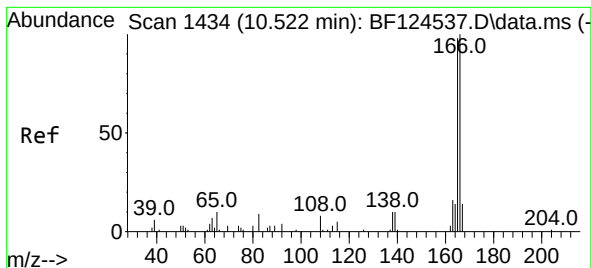
Tgt Ion:139	Resp:	741	
Ion	Ratio	Lower	Upper
139	100		
109	78.6	60.4	100.4
65	84.6	58.4	98.4



#57
2,4-Dinitrotoluene
Concen: 2.708 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt	Ion:165	Resp:	931
Ion	Ratio	Lower	Upper
165	100		
63	29.4	40.9	61.3#
89	45.1	59.7	89.5#
182	0.0	0.0	0.0





#58

Fluorene

Concen: 3.525 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF124546.D

Acq: 13 Jul 2021 14:35

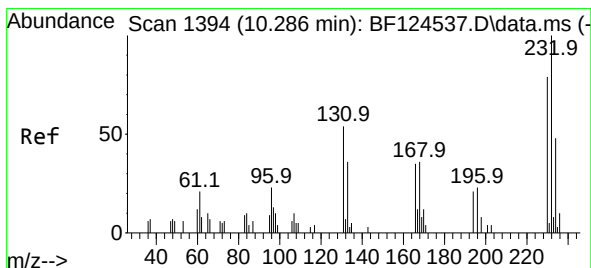
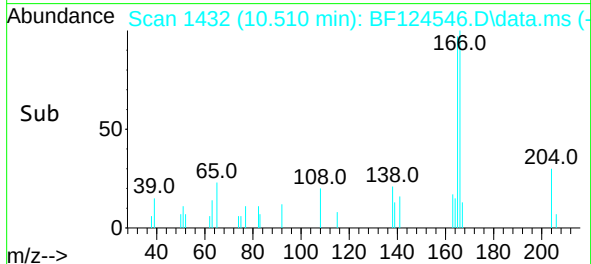
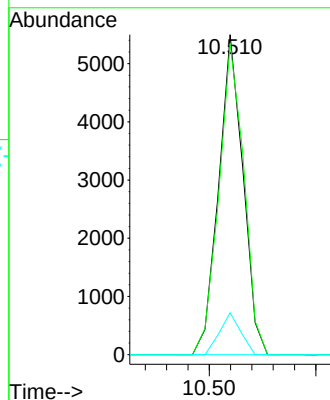
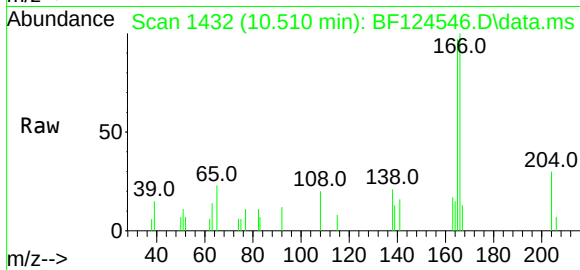
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:166	Resp:	4362
Ion Ratio	Lower	Upper
166	100	
165	97.3	78.1 117.1
167	13.1	11.1 16.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.127 ng

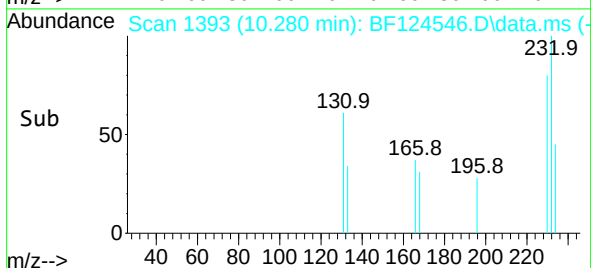
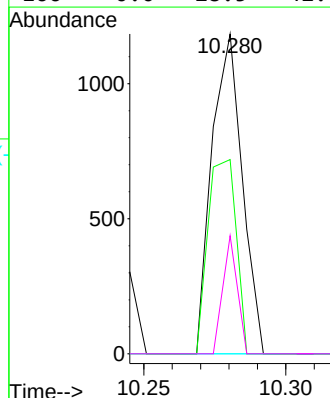
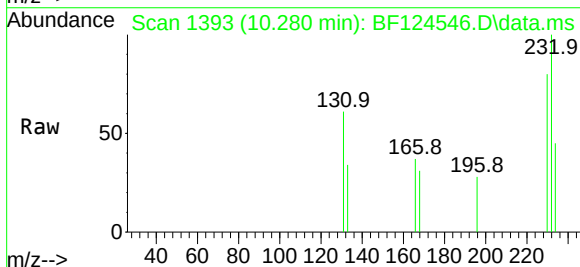
RT: 10.280 min Scan# 1393

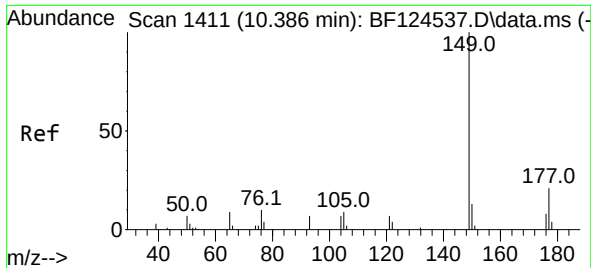
Delta R.T. -0.006 min

Lab File: BF124546.D

Acq: 13 Jul 2021 14:35

Tgt Ion:232	Resp:	878
Ion Ratio	Lower	Upper
232	100	
131	56.7	45.4 68.0
130	0.0	0.0 0.0
166	0.0	28.5 42.7#

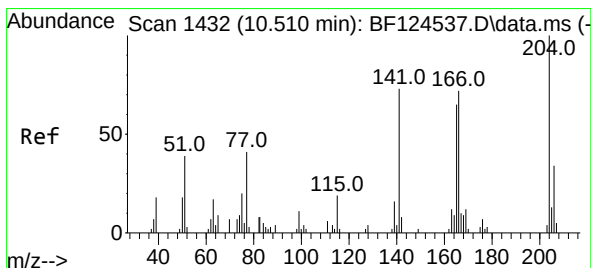
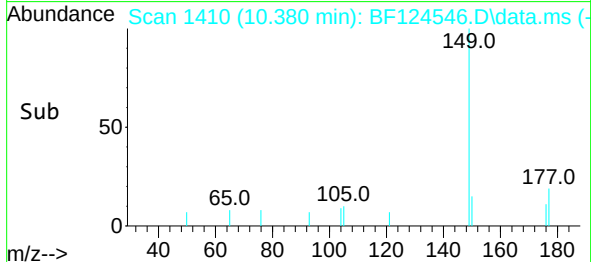
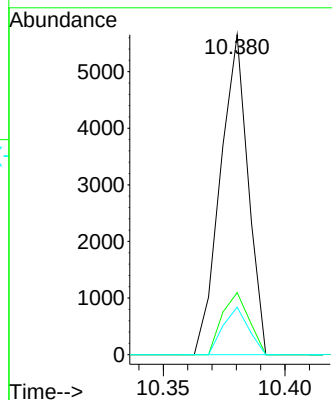
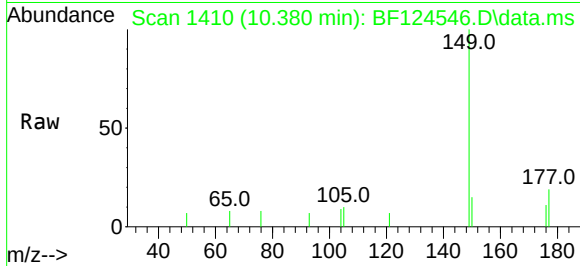




#60
Diethylphthalate
Concen: 3.359 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

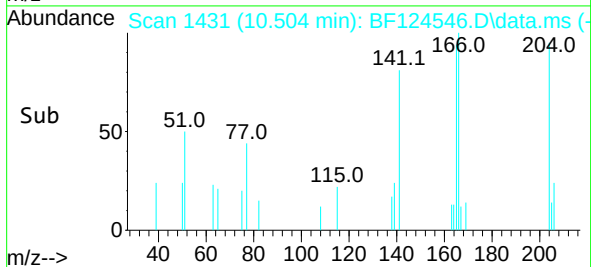
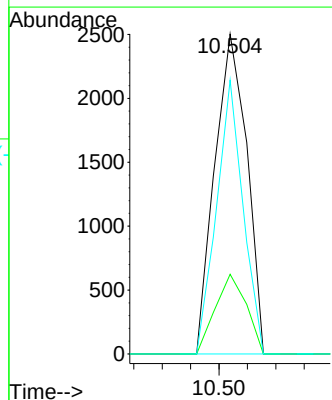
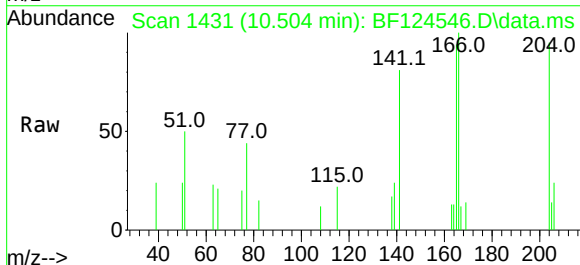
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

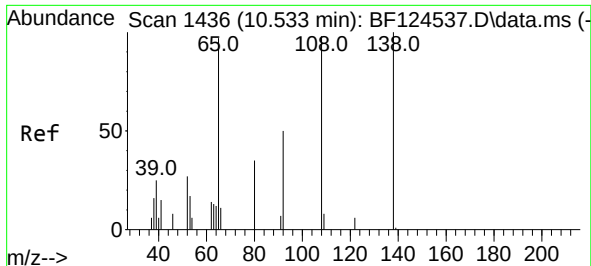
Tgt Ion:149 Resp: 4474
Ion Ratio Lower Upper
149 100
177 19.4 16.5 24.7
150 14.8 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 3.490 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:204 Resp: 1960
Ion Ratio Lower Upper
204 100
206 24.9 27.6 41.4#
141 85.6 58.6 88.0

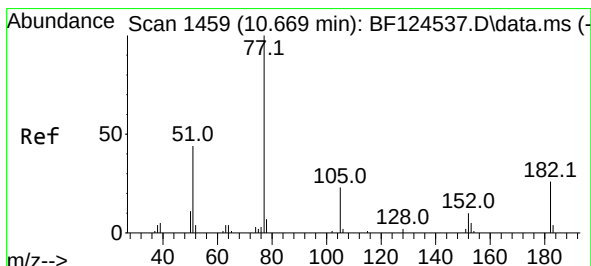
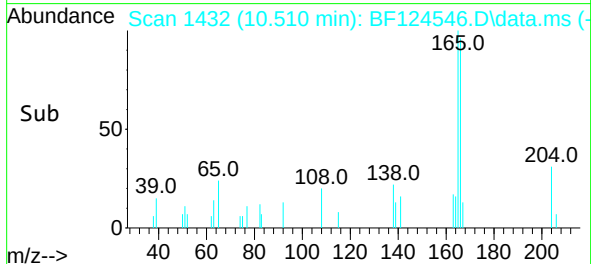
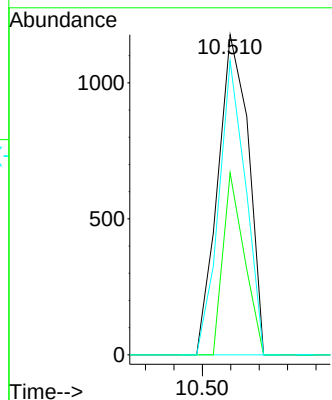
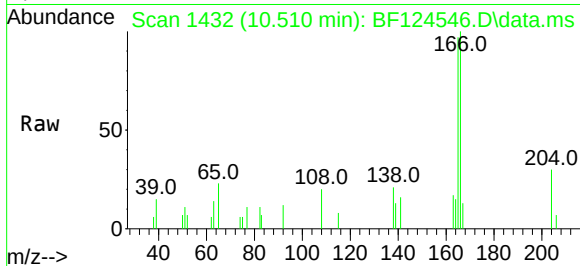




#62
4-Nitroaniline
Concen: 3.126 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.024 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

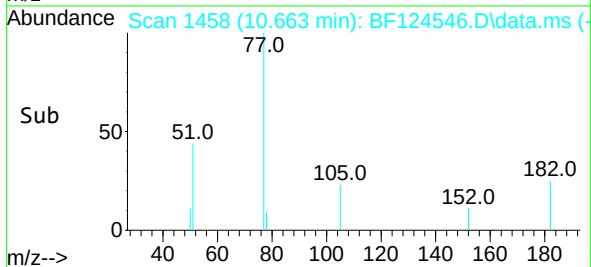
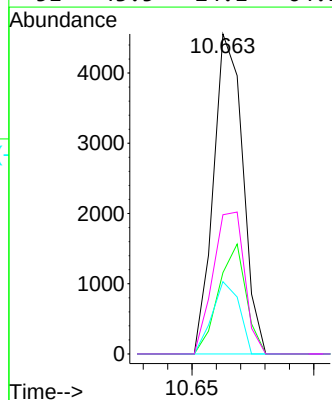
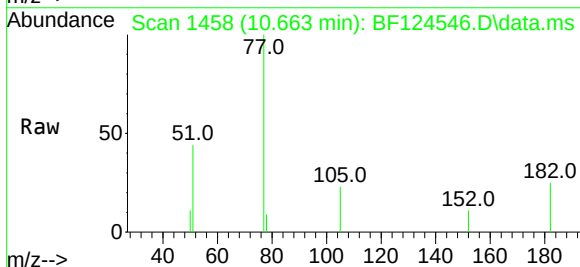
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

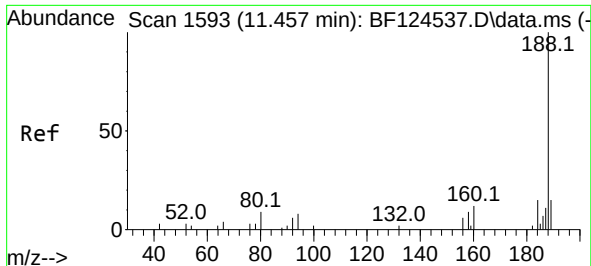
Tgt Ion:138	Resp:	883
Ion	Ratio	Lower Upper
138	100	
92	56.8	29.6 69.6
108	91.8	78.1 118.1



#63
Azobenzene
Concen: 3.266 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion: 77	Resp:	3803
Ion	Ratio	Lower Upper
77	100	
182	25.4	6.3 46.3
105	22.6	2.9 42.9
51	43.5	24.1 64.1

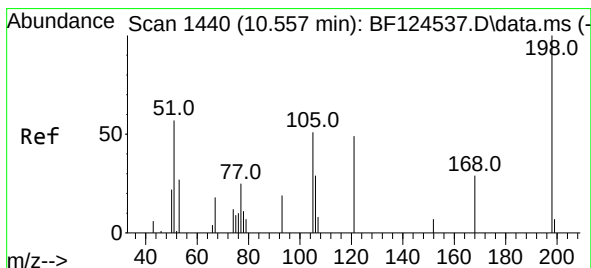
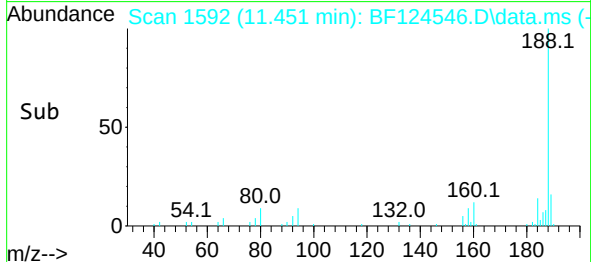
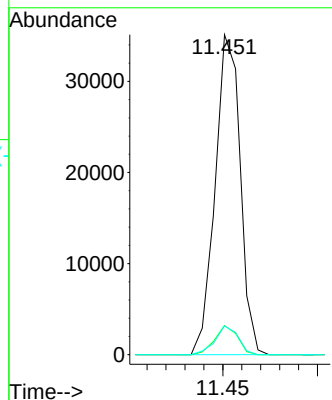
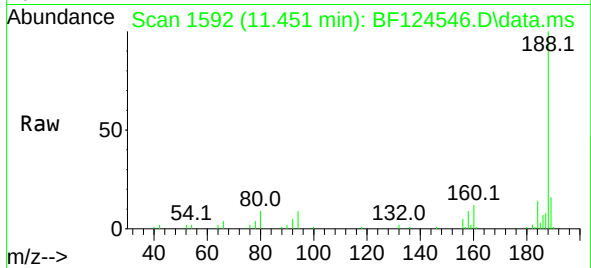




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

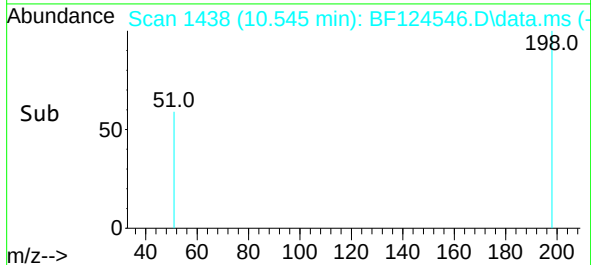
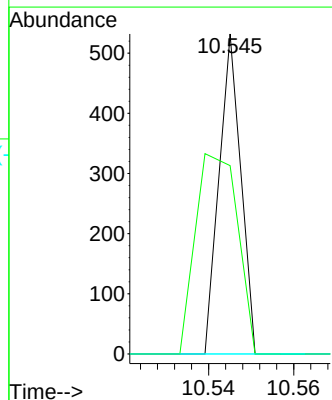
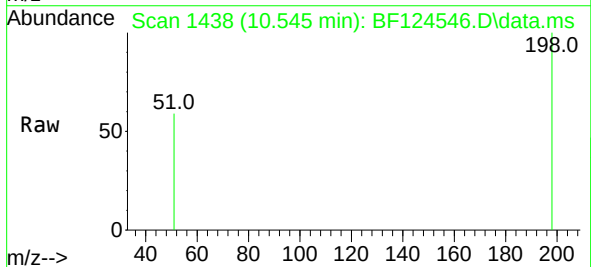
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

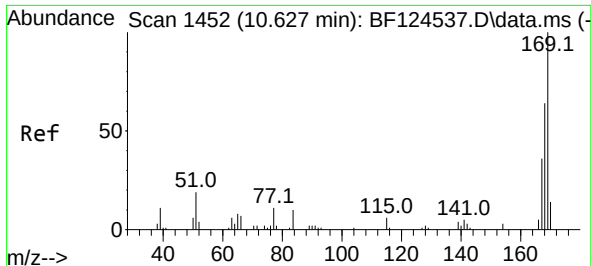
Tgt Ion:188 Resp: 32340
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 8.9 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 1.018 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:198 Resp: 188
Ion Ratio Lower Upper
198 100
51 58.8 45.3 85.3
105 0.0 30.6 70.6#

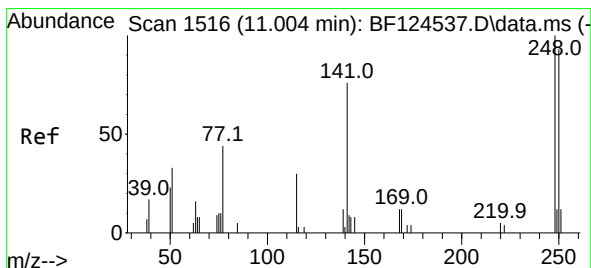
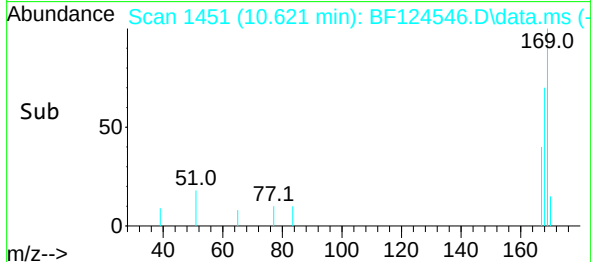
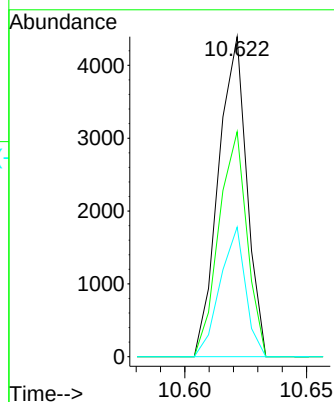
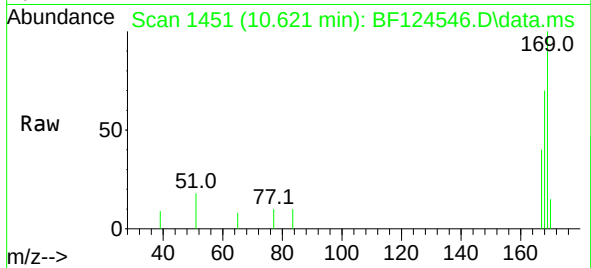




#66
n-Nitrosodiphenylamine
Concen: 3.377 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

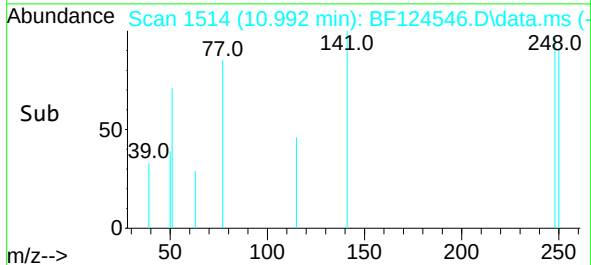
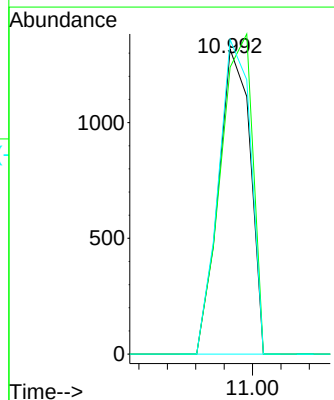
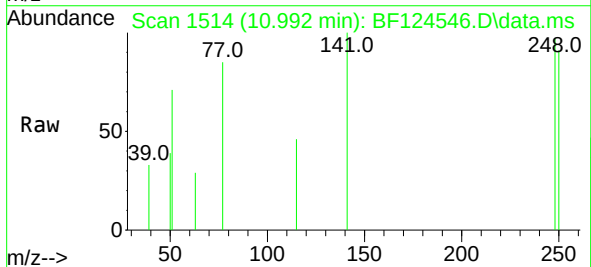
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

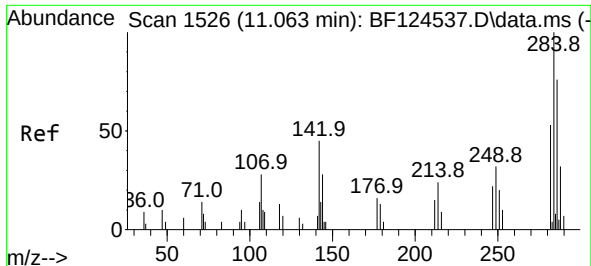
Tgt Ion:169	Resp:	3556
Ion Ratio	Lower	Upper
169	100	
168	70.3	50.8 76.2
167	40.5	28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 3.059 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:248	Resp:	1023
Ion Ratio	Lower	Upper
248	100	
250	94.1	74.2 111.4
141	103.1	60.4 90.6#

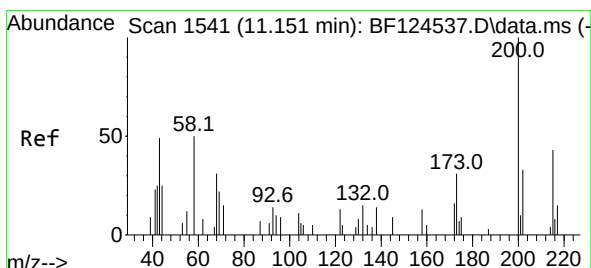
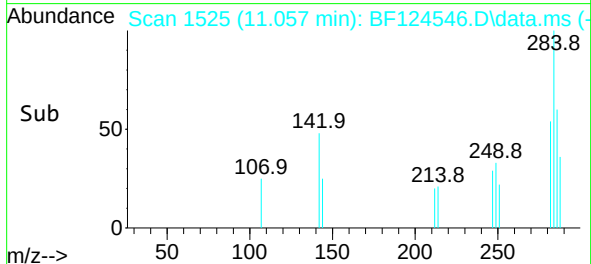
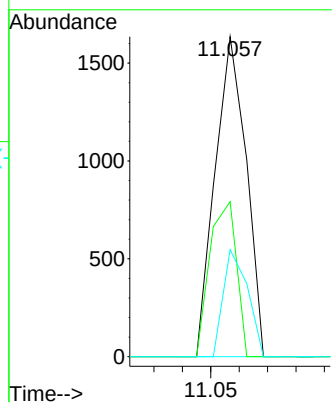
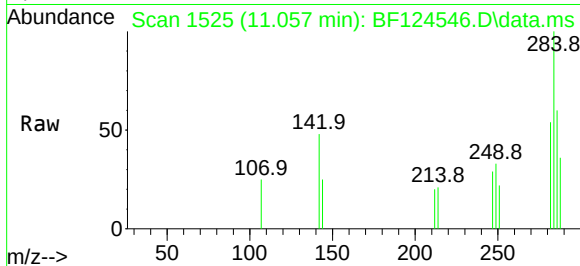




#68
Hexachlorobenzene
Concen: 3.622 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

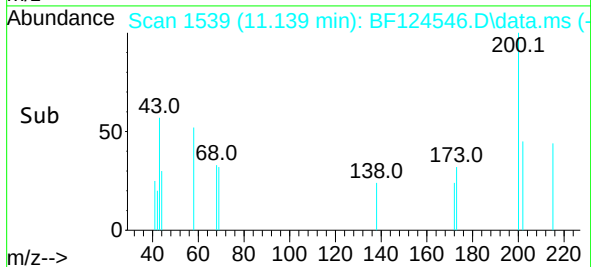
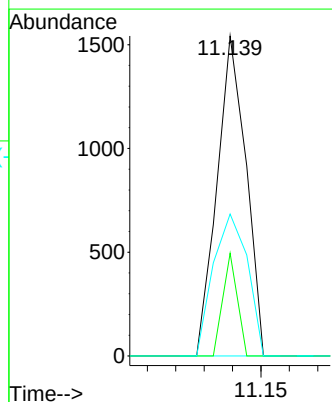
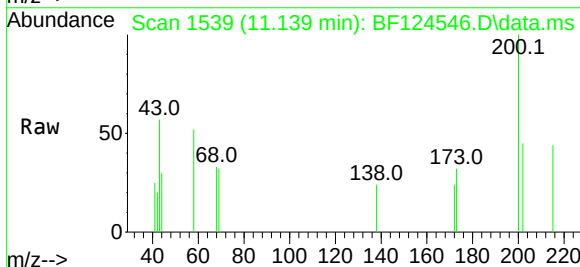
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

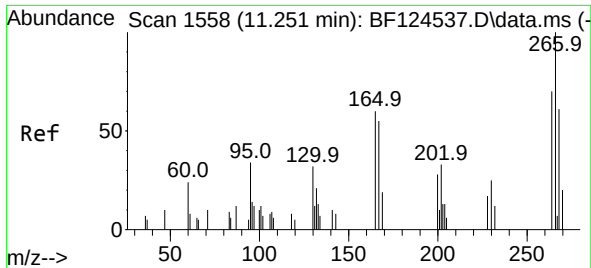
Tgt Ion:284 Resp: 1241
Ion Ratio Lower Upper
284 100
142 48.4 36.4 54.6
249 33.5 25.6 38.4



#69
Atrazine
Concen: 3.383 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:200 Resp: 1091
Ion Ratio Lower Upper
200 100
173 32.1 11.1 51.1
215 44.4 22.7 62.7

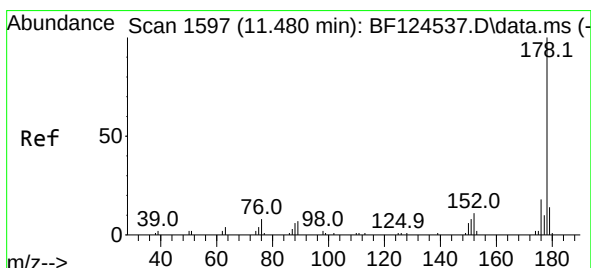
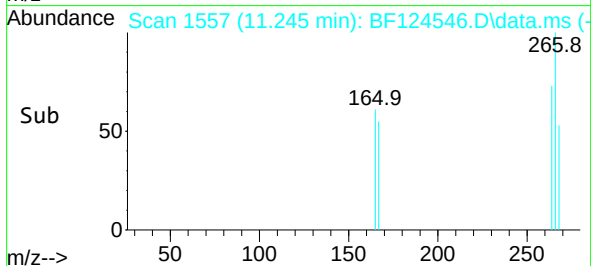
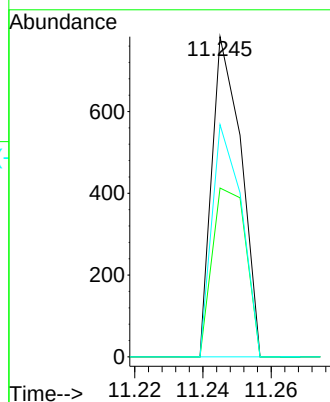
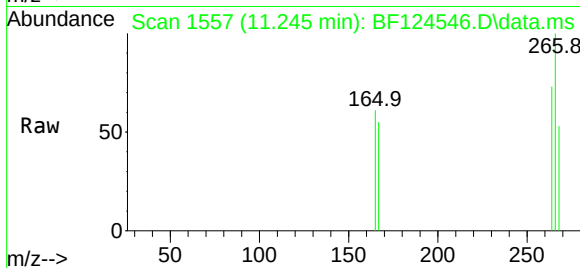




#70
 Pentachlorophenol
 Concen: 2.155 ng
 RT: 11.245 min Scan# 1557
 Delta R.T. -0.006 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

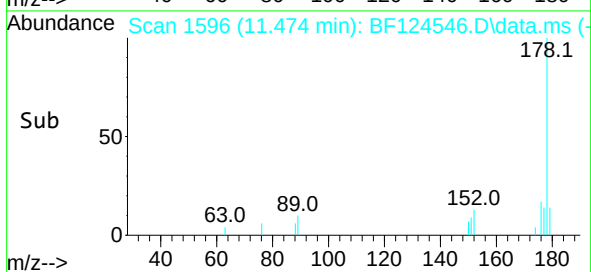
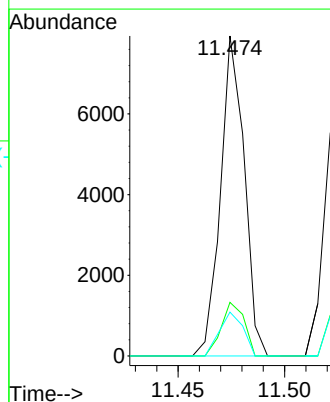
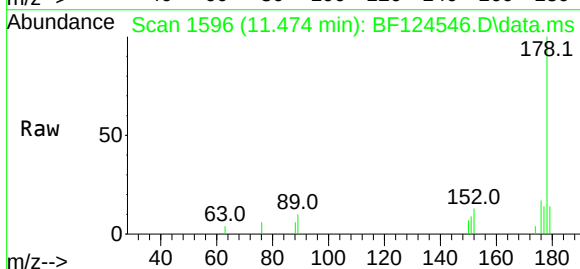
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

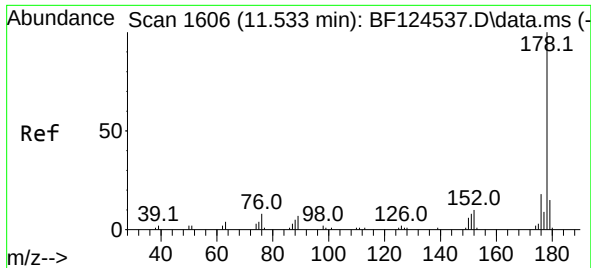
Tgt Ion:	266	Resp:	467
Ion Ratio	Lower	Upper	
266	100		
268	52.7	48.9	73.3
264	72.5	55.9	83.9



#71
 Phenanthrene
 Concen: 3.477 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.006 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

Tgt Ion:	178	Resp:	6135
Ion Ratio	Lower	Upper	
178	100		
176	16.7	14.7	22.1
179	13.7	11.5	17.3

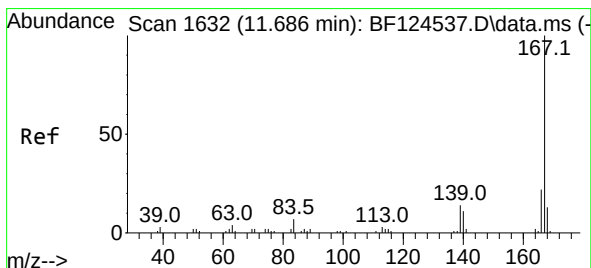
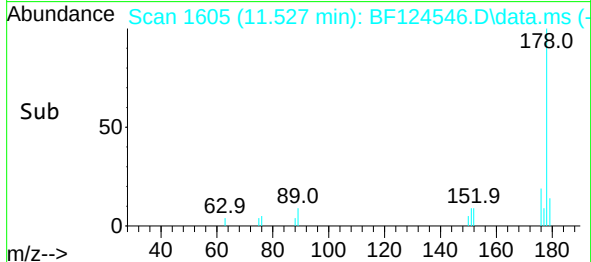
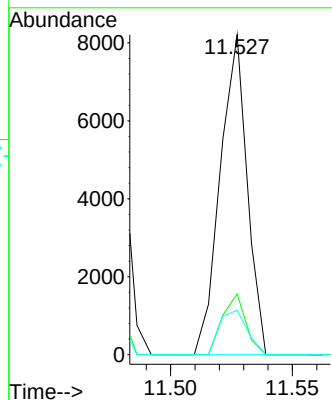
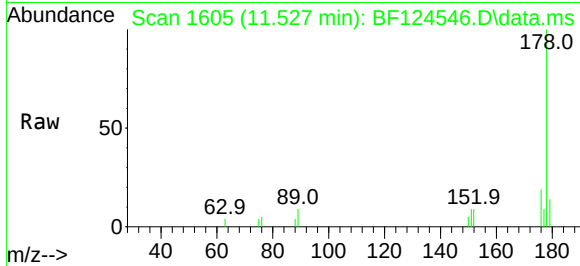




#72
 Anthracene
 Concen: 3.567 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

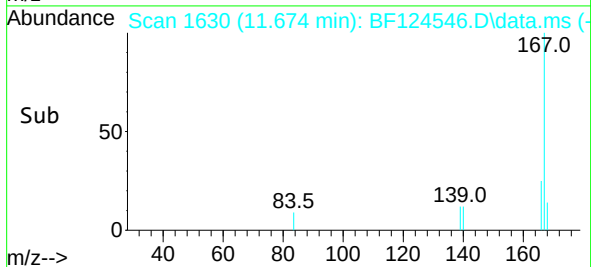
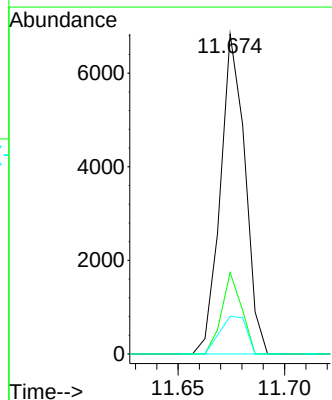
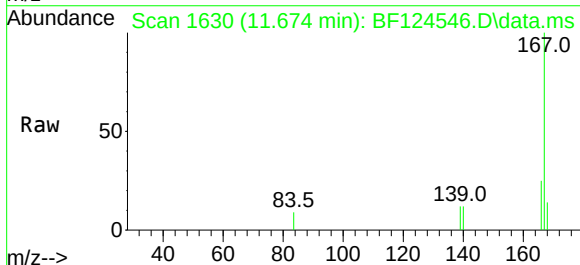
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

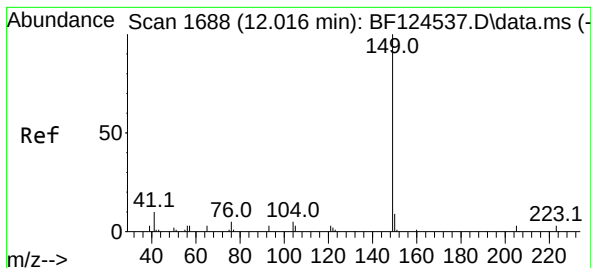
Tgt Ion:178 Resp: 6314
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.3 21.5
 179 13.9 12.2 18.4



#73
 Carbazole
 Concen: 3.353 ng
 RT: 11.674 min Scan# 1630
 Delta R.T. -0.012 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

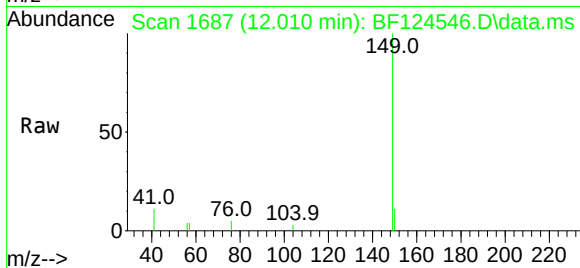
Tgt Ion:167 Resp: 5484
 Ion Ratio Lower Upper
 167 100
 166 25.5 17.4 26.0
 139 11.7 11.0 16.4



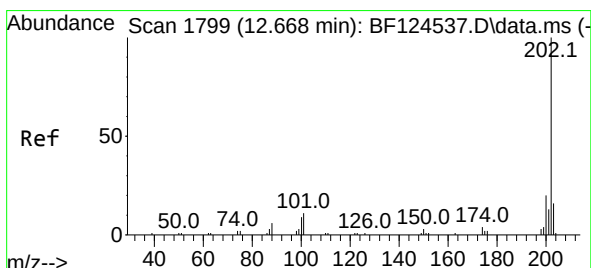
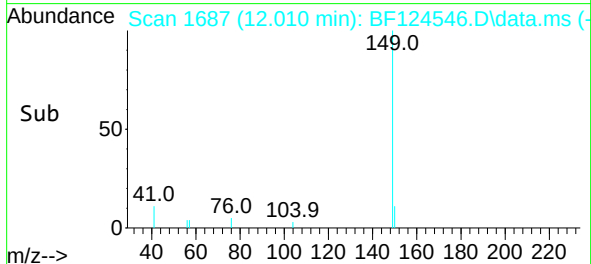
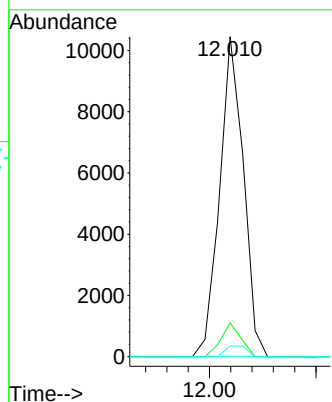


#74
Di-n-butylphthalate
Concen: 3.671 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

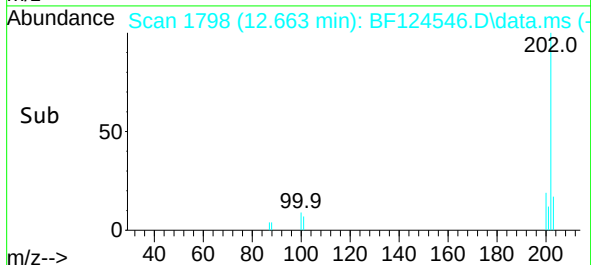
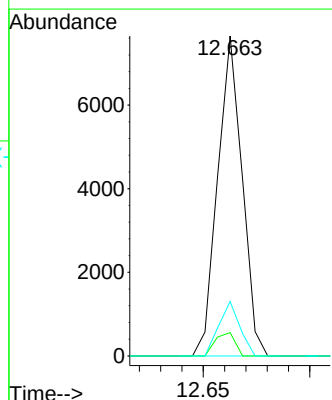
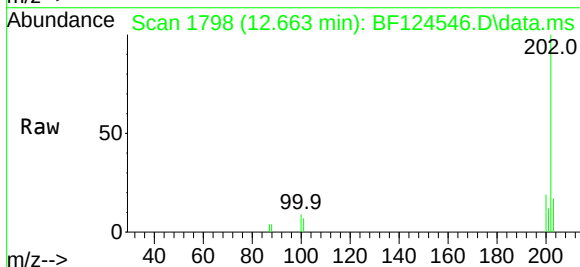


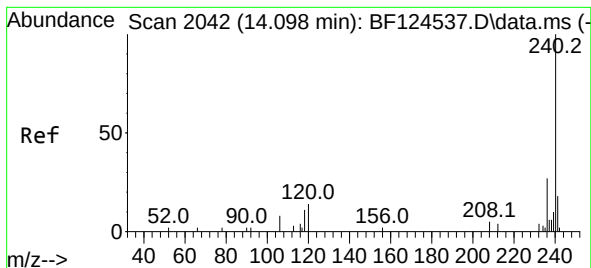
Tgt Ion:149 Resp: 8087
Ion Ratio Lower Upper
149 100
150 10.6 7.4 11.2
104 3.3 4.1 6.1#



#75
Fluoranthene
Concen: 3.431 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:202 Resp: 6108
Ion Ratio Lower Upper
202 100
101 7.3 0.0 30.7
203 17.0 0.0 36.3

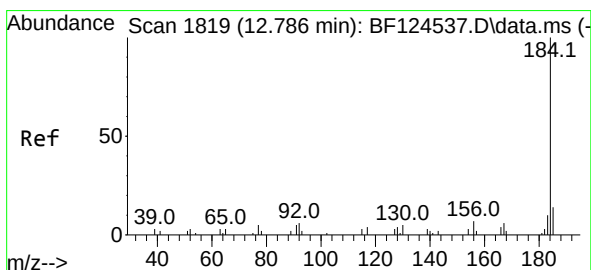
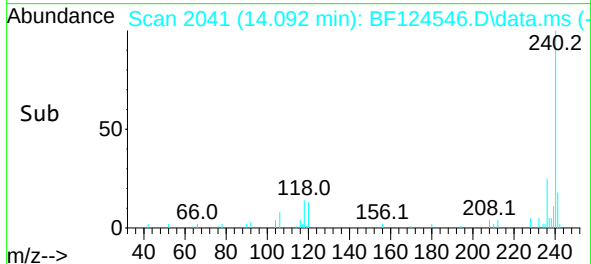
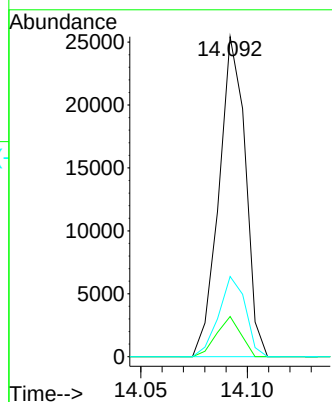
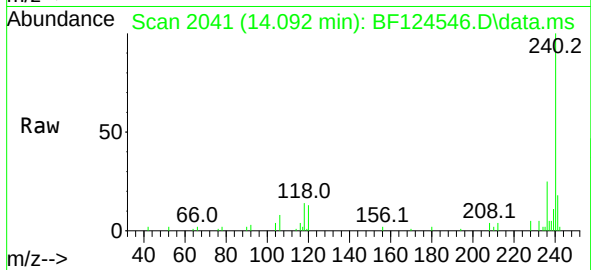




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

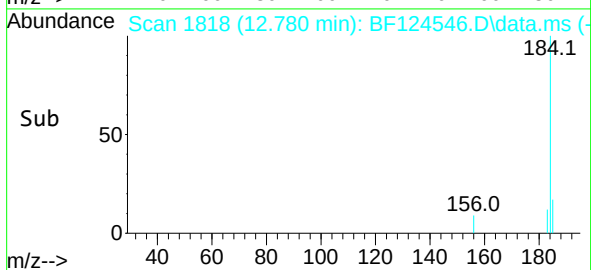
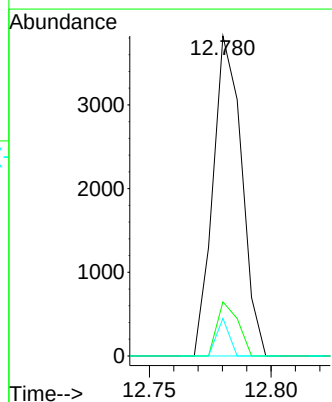
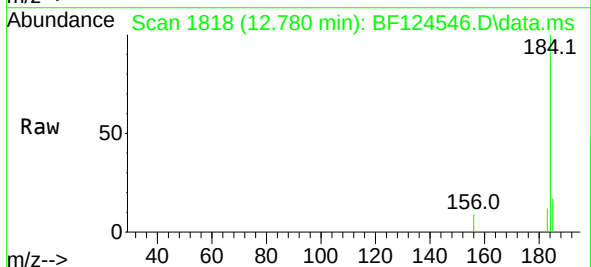
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

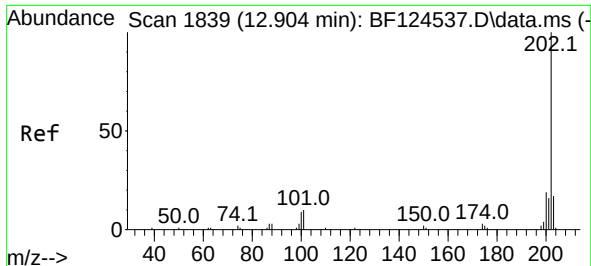
Tgt Ion:240 Resp: 21922
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 25.1 21.6 32.4



#77
Benzidine
Concen: 3.825 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:184 Resp: 3135
Ion Ratio Lower Upper
184 100
185 16.9 10.8 16.2#
183 11.7 8.1 12.1

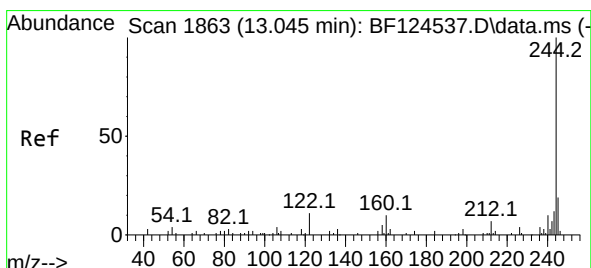
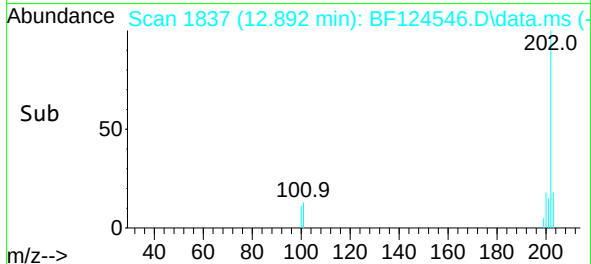
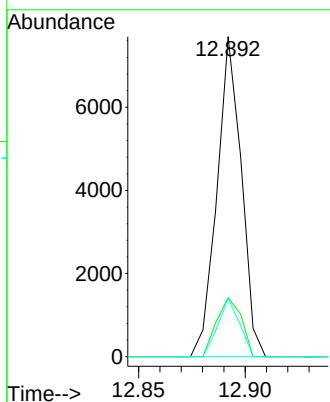
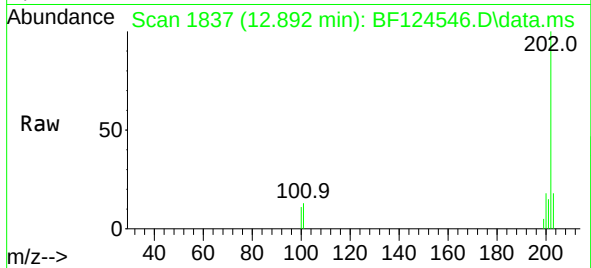




#78
Pyrene
Concen: 3.359 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

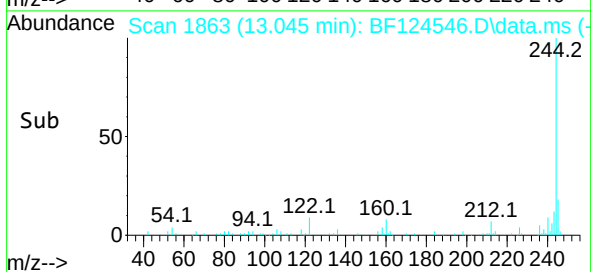
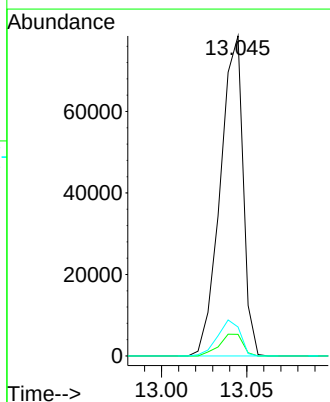
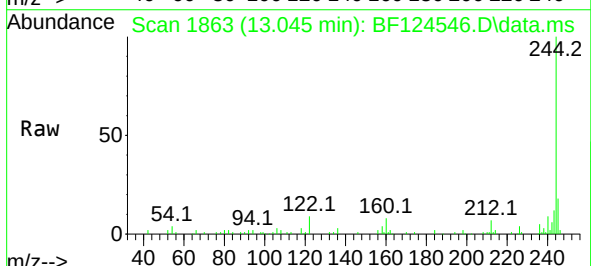
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

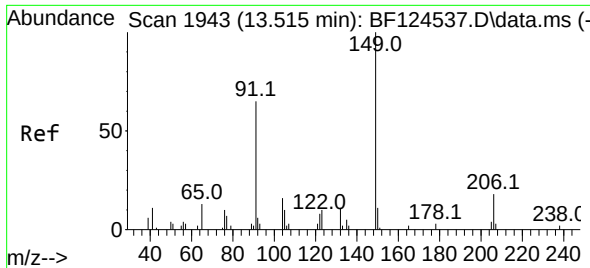
Tgt Ion:202	Resp:	6118
Ion Ratio	Lower	Upper
202	100	
200	18.5	15.3 22.9
203	18.1	13.4 20.0



#79
Terphenyl-d14
Concen: 55.987 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:244	Resp:	73091
Ion Ratio	Lower	Upper
244	100	
212	6.8	5.9 8.9
122	9.1	9.0 13.4

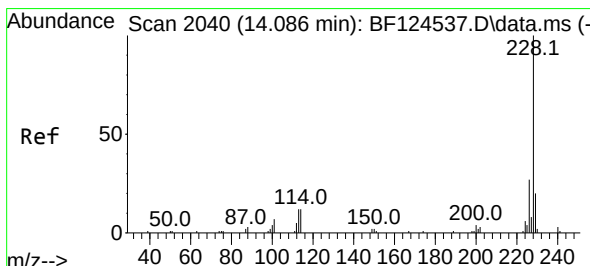
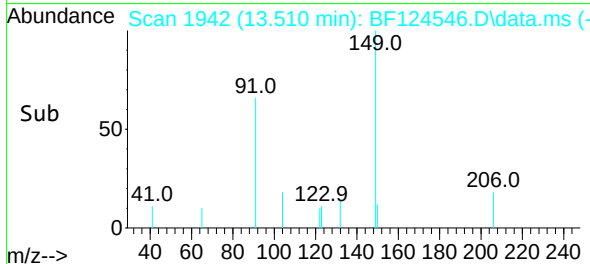
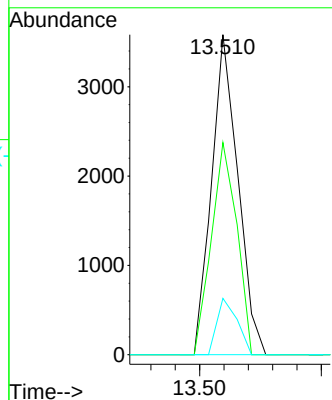
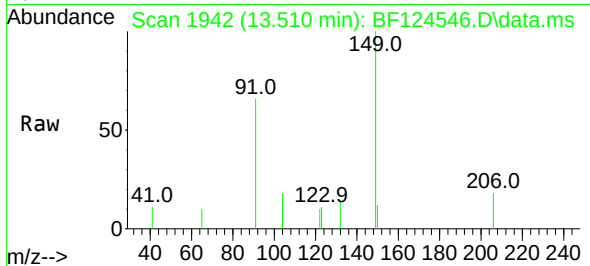




#80
Butylbenzylphthalate
Concen: 3.056 ng
RT: 13.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

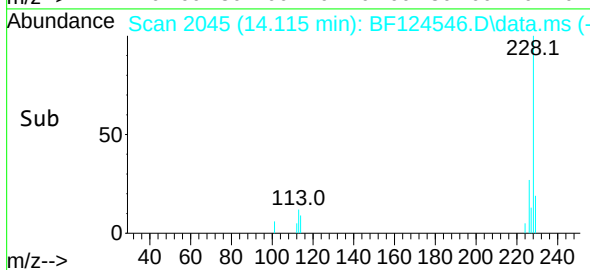
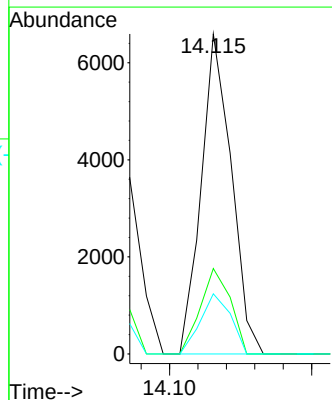
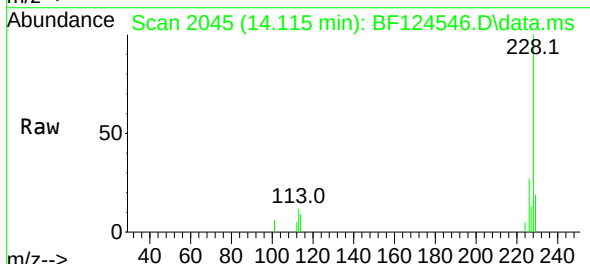
Instrument :
BNA_F
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LOD-MDL-SOIL-01-QT3-2021

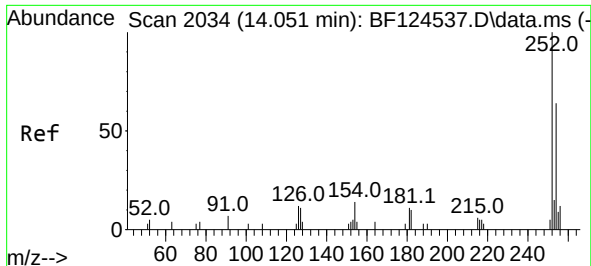
Tgt Ion:	149	Resp:	2691
Ion	Ratio	Lower	Upper
149	100		
91	66.3	51.8	77.8
206	17.6	14.5	21.7



#81
Benzo(a)anthracene
Concen: 3.340 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.029 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:	228	Resp:	4856
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.6	32.4
229	18.8	15.6	23.4

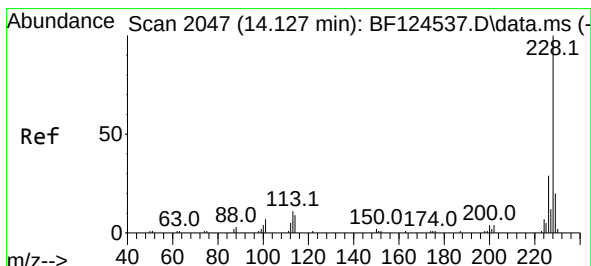
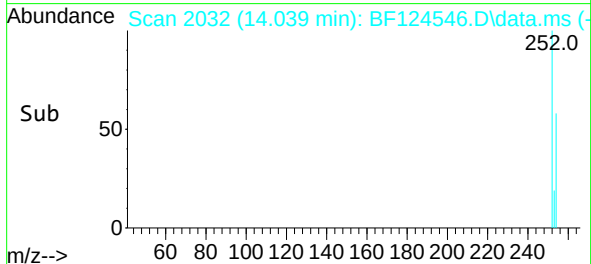
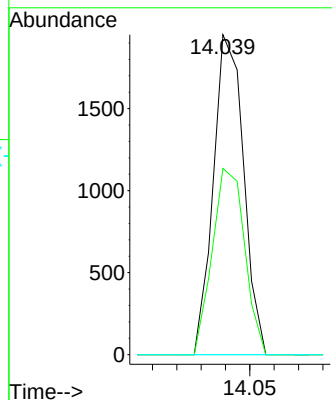
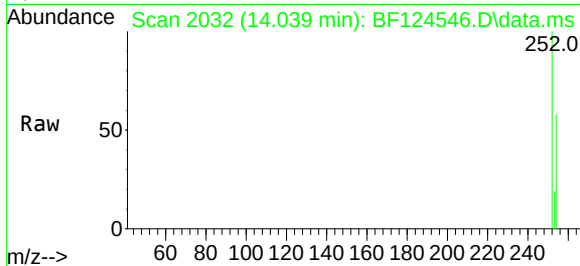




#82
 3,3'-Dichlorobenzidine
 Concen: 4.409 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.012 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

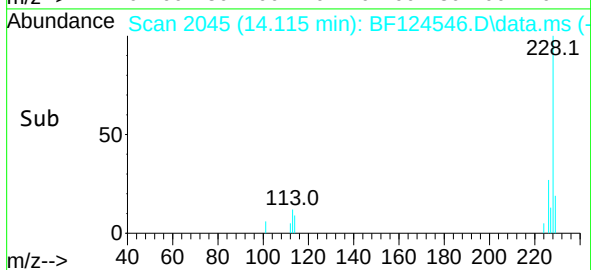
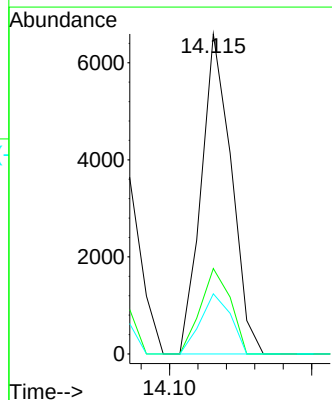
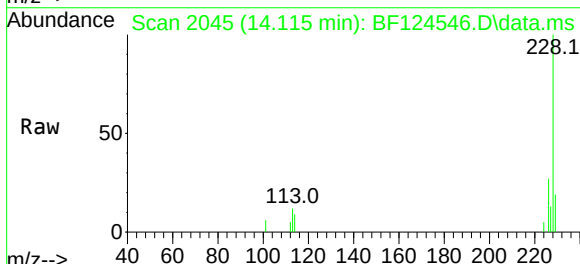
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

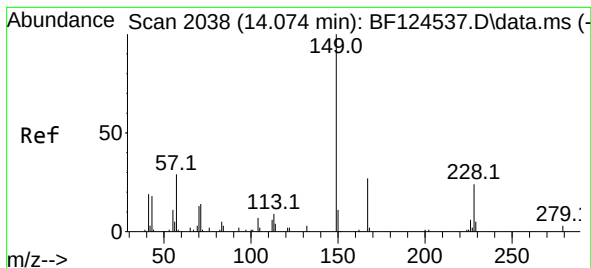
Tgt Ion:252 Resp: 1679
 Ion Ratio Lower Upper
 252 100
 254 58.2 51.4 77.0
 126 0.0 9.5 14.3#



#83
 Chrysene
 Concen: 3.487 ng
 RT: 14.115 min Scan# 2045
 Delta R.T. -0.012 min
 Lab File: BF124546.D
 Acq: 13 Jul 2021 14:35

Tgt Ion:228 Resp: 4856
 Ion Ratio Lower Upper
 228 100
 226 26.7 22.6 34.0
 229 18.8 15.9 23.9

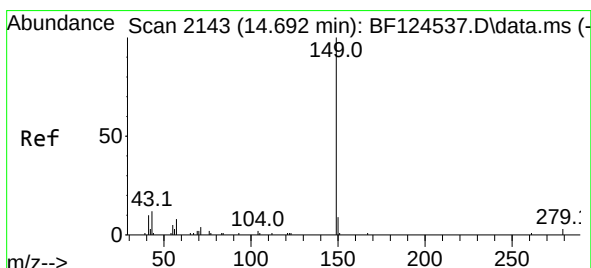
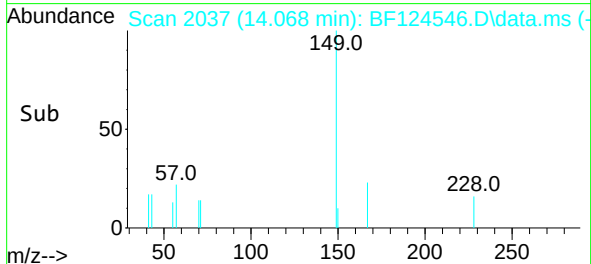
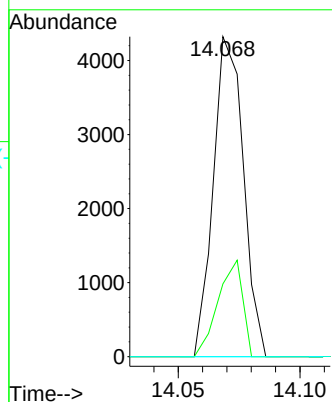
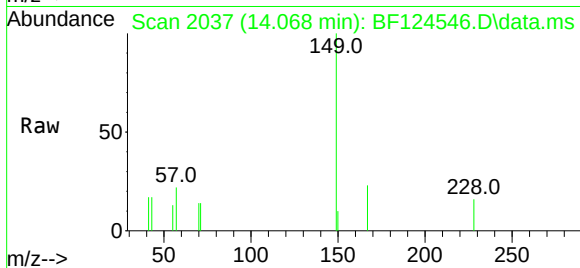




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.136 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

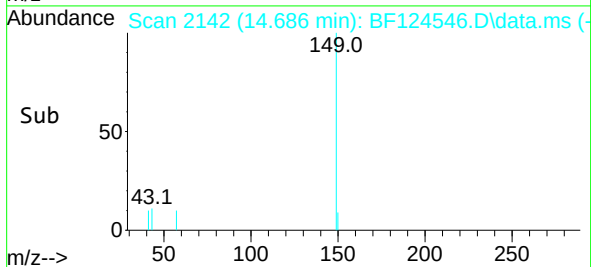
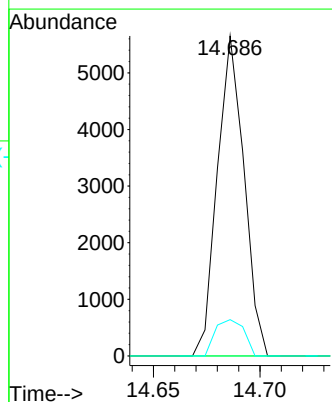
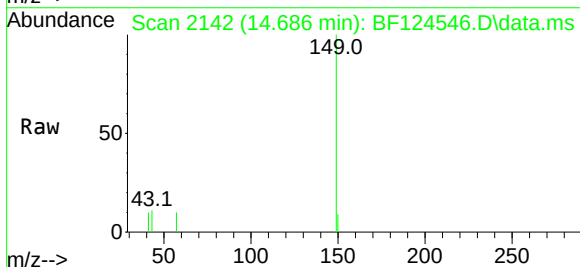
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

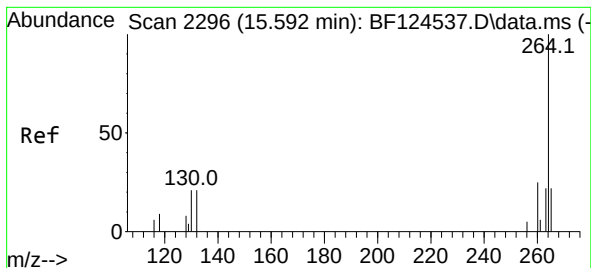
Tgt Ion:149 Resp: 3708
Ion Ratio Lower Upper
149 100
167 22.7 21.4 32.0
279 0.0 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 2.878 ng
RT: 14.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:149 Resp: 4924
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 12.2 9.9 14.9

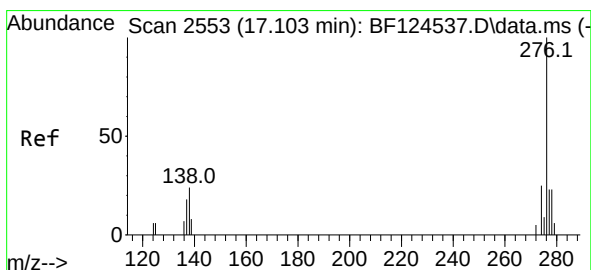
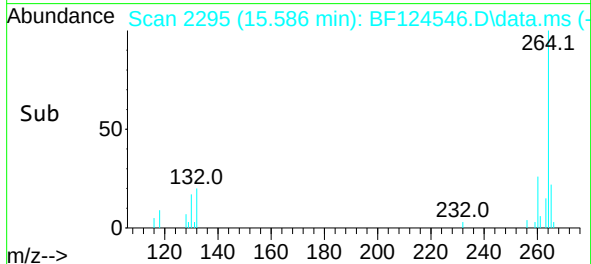
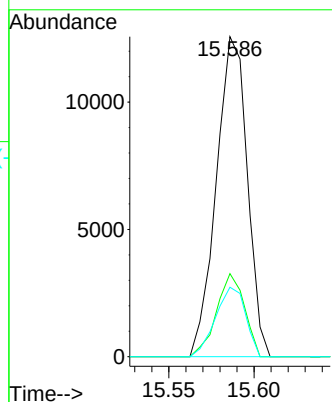
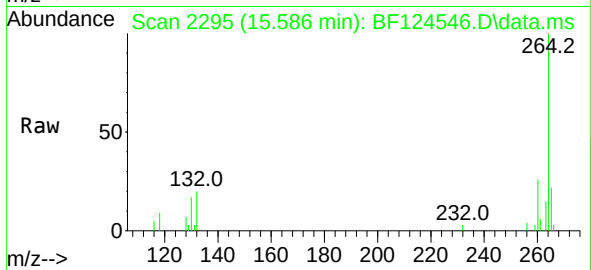




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

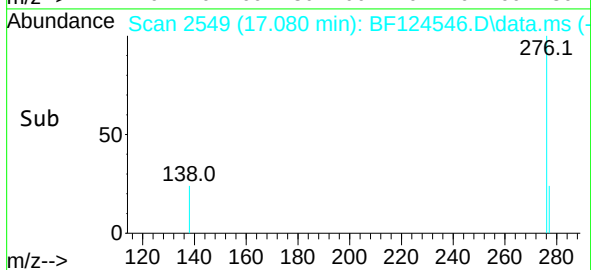
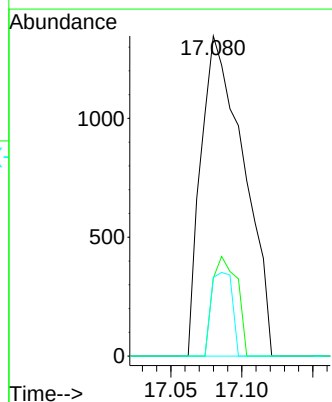
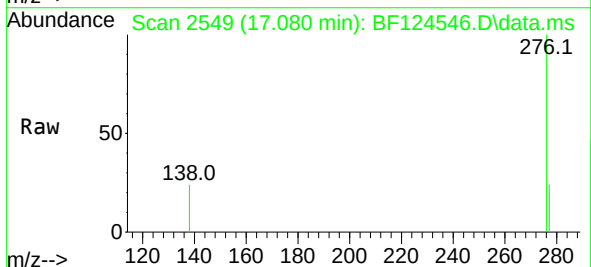
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

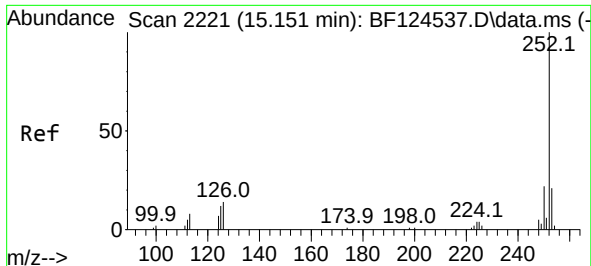
Tgt Ion:264	Resp:	15867
Ion Ratio	Lower	Upper
264	100	
260	25.9	19.6 29.4
265	21.7	17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.057 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.024 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:276	Resp:	2813
Ion Ratio	Lower	Upper
276	100	
138	17.9	24.1 36.1#
277	12.8	18.8 28.2#

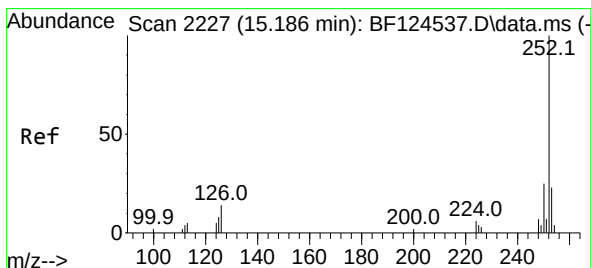
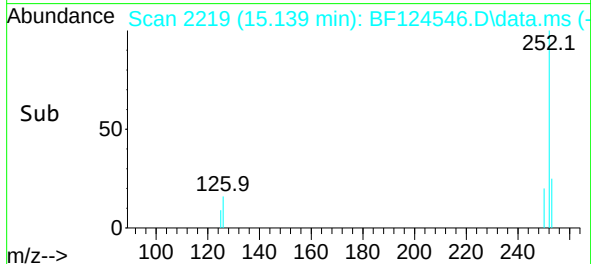
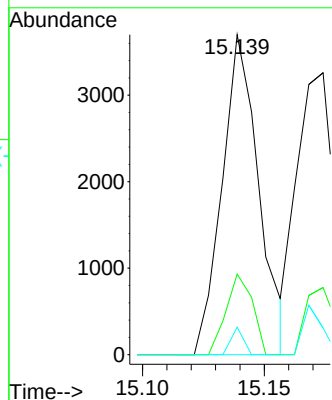
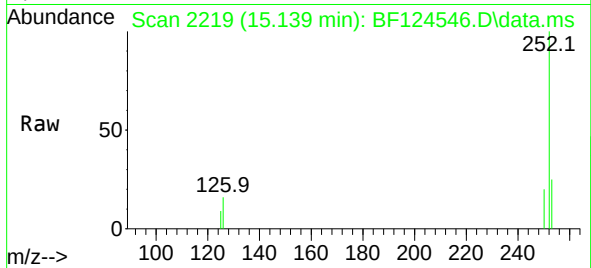




#88
Benzo(b)fluoranthene
Concen: 3.411 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

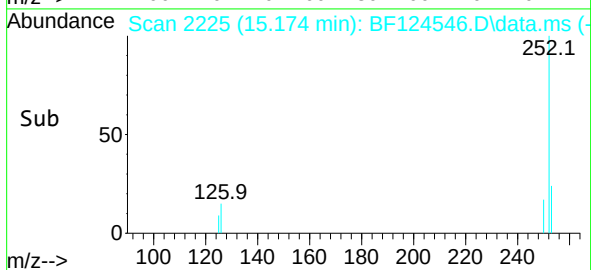
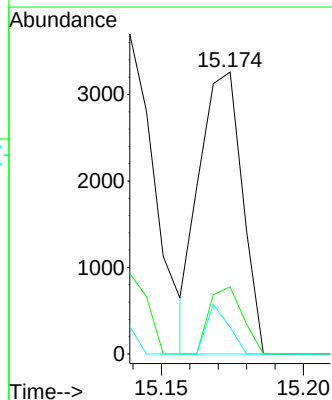
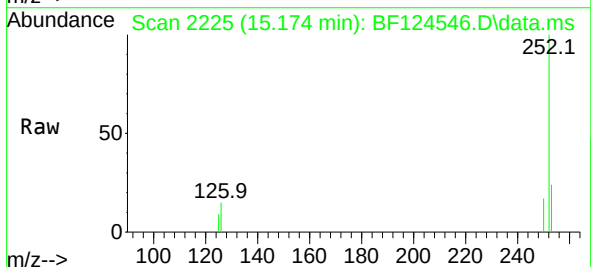
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

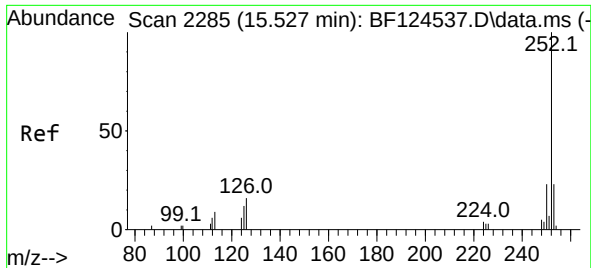
Tgt Ion:252 Resp: 3885
Ion Ratio Lower Upper
252 100
253 25.2 16.8 25.2#
125 8.6 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.280 ng
RT: 15.174 min Scan# 2225
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Tgt Ion:252 Resp: 3427
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 9.5 7.2 10.8

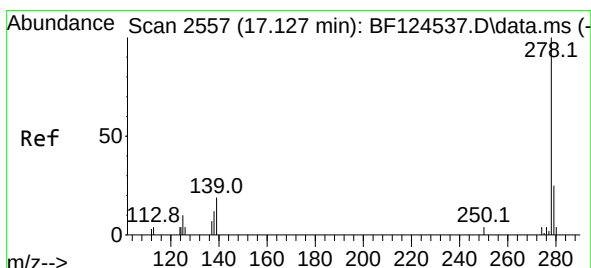
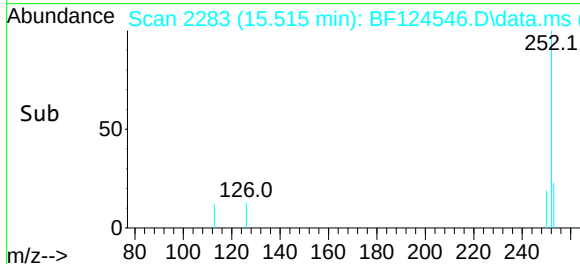
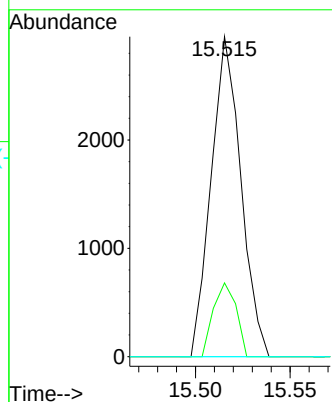
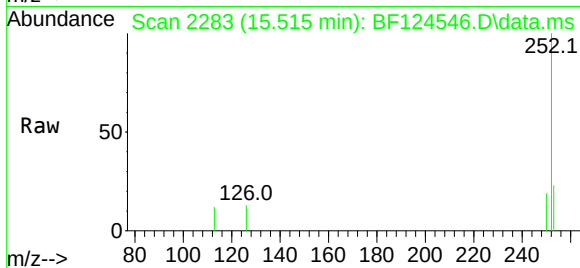




#90
Benzo(a)pyrene
Concen: 3.429 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

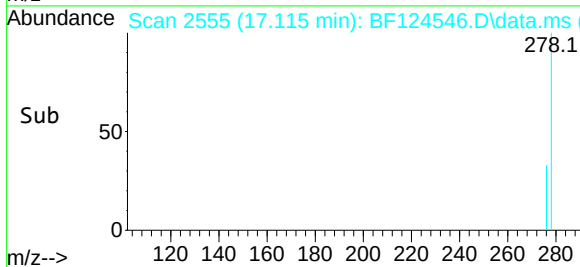
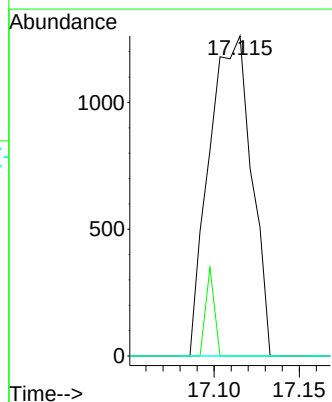
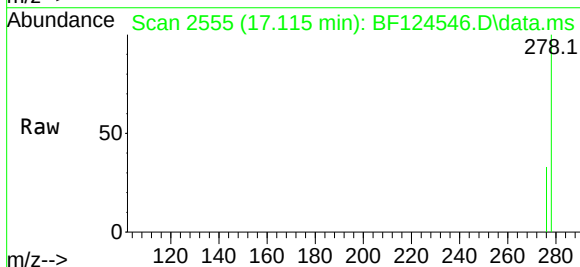
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

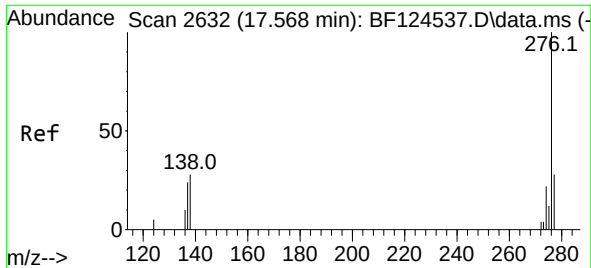
Tgt Ion:252 Resp: 3224
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 0.0 9.9 14.9#



#91
Dibenzo(a,h)anthracene
Concen: 2.777 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.012 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

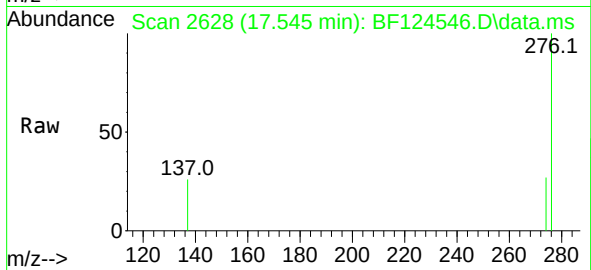
Tgt Ion:278 Resp: 2175
Ion Ratio Lower Upper
278 100
139 0.0 14.9 22.3#
279 0.0 19.7 29.5#





#92
Benzo(g,h,i)perylene
Concen: 2.983 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.024 min
Lab File: BF124546.D
Acq: 13 Jul 2021 14:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 276 Resp: 2281
Ion Ratio Lower Upper
276 100
277 0.0 22.0 33.0#
138 0.0 22.2 33.4#

