

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
 Data File : BF124550.D
 Acq On : 13 Jul 2021 17:31
 Operator : JU/CG
 Sample : M2940-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Quant Time: Jul 13 17:58:34 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	8871	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	33477	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	18217	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	32763	20.000	ng	0.00
76) Chrysene-d12	14.092	240	21725	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	15956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	58112	113.497	ng	0.01
7) Phenol-d6	6.551	99	70638	113.408	ng	0.00
23) Nitrobenzene-d5	7.492	82	39482	74.451	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	16683	117.683	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	94232	75.431	ng	0.00
79) Terphenyl-d14	13.045	244	96431	74.535	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	587	3.505	ng	# 100
3) Pyridine	3.610	79	2374	5.527	ng	# 85
4) n-Nitrosodimethylamine	3.504	42	1352	3.873	ng	87
6) Aniline	6.592	93	2998	4.568	ng	96
8) 2-Chlorophenol	6.710	128	2519	4.388	ng	94
9) Benzaldehyde	6.475	77	1576	4.313	ng	# 80
10) Phenol	6.563	94	2310	3.799	ng	97
11) bis(2-Chloroethyl)ether	6.657	93	2105	4.465	ng	89
12) 1,3-Dichlorobenzene	7.098	146	2610	4.154	ng	96
13) 1,4-Dichlorobenzene	6.945	146	3078	4.797	ng	95
14) 1,2-Dichlorobenzene	7.098	146	2610	4.280	ng	97
15) Benzyl Alcohol	7.057	79	1555	3.608	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	7.192	45	3819	4.700	ng	90
17) 2-Methylphenol	7.157	107	1683	4.006	ng	91
18) Hexachloroethane	7.439	117	1100	4.552	ng	92
19) n-Nitroso-di-n-propyla...	7.328	70	1388	3.964	ng	# 96
20) 3+4-Methylphenols	7.310	107	2227	4.026	ng	# 83
22) Acetophenone	7.328	105	3843	5.058	ng	# 93
24) Nitrobenzene	7.504	77	2221	4.224	ng	# 97
25) Isophorone	7.739	82	4077	4.188	ng	# 93
26) 2-Nitrophenol	7.816	139	1197	4.220	ng	95
27) 2,4-Dimethylphenol	7.845	122	2413	5.134	ng	94
28) bis(2-Chloroethoxy)met...	7.951	93	2514	4.427	ng	96
29) 2,4-Dichlorophenol	8.051	162	2018	4.162	ng	95
30) 1,2,4-Trichlorobenzene	8.145	180	2567	4.784	ng	90
31) Naphthalene	8.227	128	7531	4.349	ng	95
32) Benzoic acid	7.892	122	846	2.582	ng	# 76
33) 4-Chloroaniline	8.269	127	3210	4.906	ng	98
34) Hexachlorobutadiene	8.345	225	1293	4.270	ng	# 87
35) Caprolactam	8.610	113	319	2.601	ng	# 72
36) 4-Chloro-3-methylphenol	8.739	107	2069	4.316	ng	90
37) 2-Methylnaphthalene	8.916	142	5466	4.678	ng	94
38) 1-Methylnaphthalene	9.016	142	4960	4.520	ng	98
40) 1,2,4,5-Tetrachloroben...	9.080	216	2196	4.520	ng	97
41) Hexachlorocyclopentadiene	9.074	237	1746	5.753	ng	87
43) 2,4,6-Trichlorophenol	9.186	196	1442	4.111	ng	89

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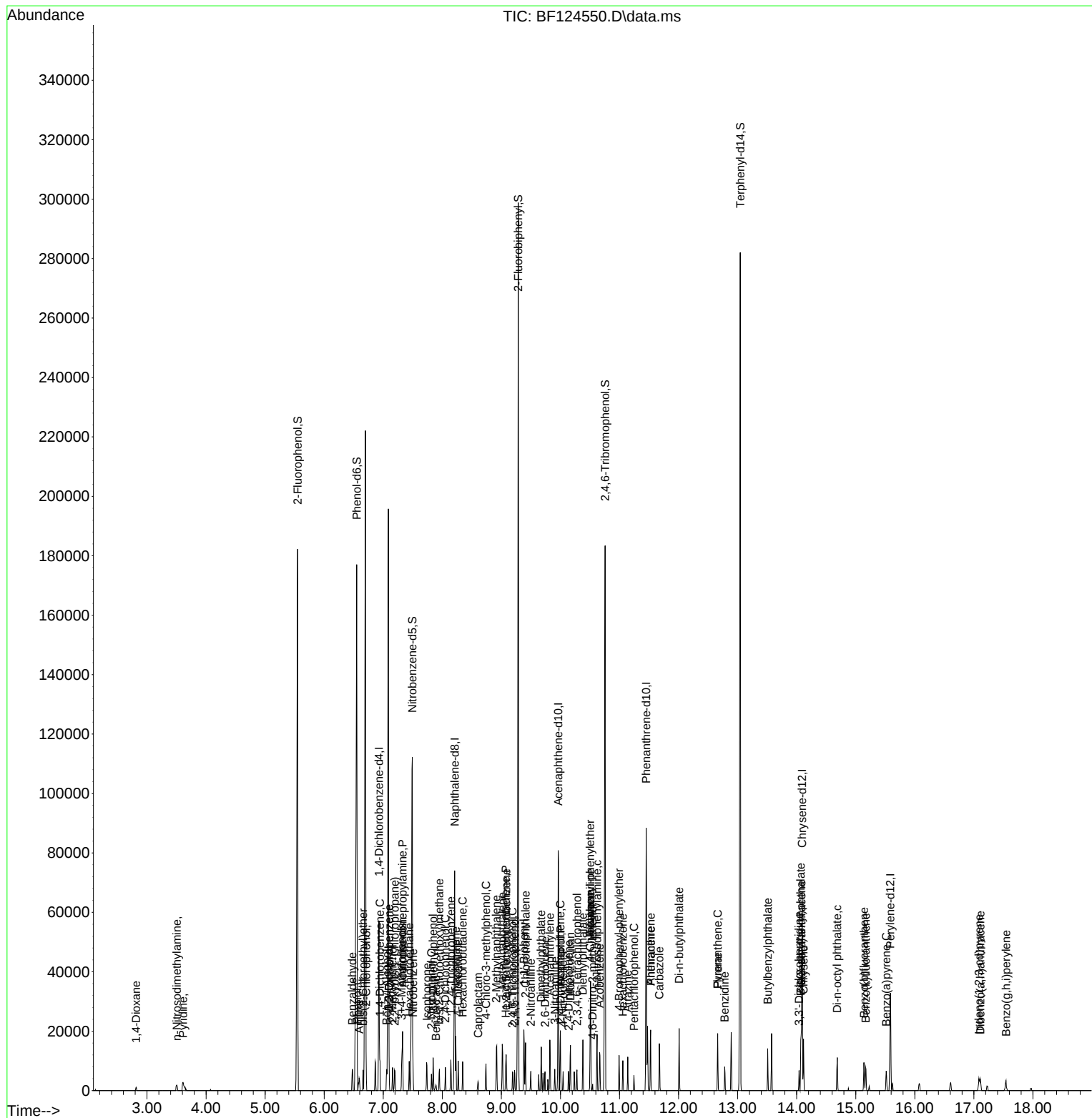
Instrument :
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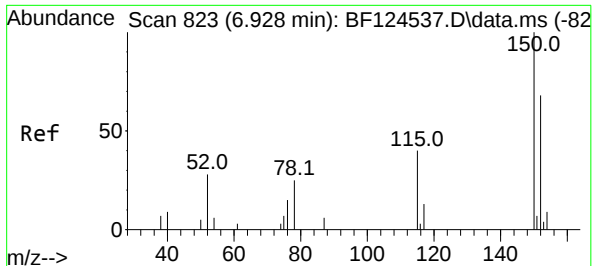
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	1461	4.038	ng	97
46) 1,1'-Biphenyl	9.380	154	6643	4.801	ng	98
47) 2-Chloronaphthalene	9.410	162	4886	4.504	ng	94
48) 2-Nitroaniline	9.498	65	1181	4.527	ng	95
49) Acenaphthylene	9.821	152	7973	4.710	ng	100
50) Dimethylphthalate	9.674	163	5847	4.613	ng	# 97
51) 2,6-Dinitrotoluene	9.739	165	1100	4.403	ng	91
52) Acenaphthene	9.998	154	4578	4.229	ng	95
53) 3-Nitroaniline	9.904	138	1224	4.390	ng	# 78
54) 2,4-Dinitrophenol	10.004	184	371	2.846	ng	# 1
55) Dibenzofuran	10.169	168	6951	4.368	ng	98
56) 4-Nitrophenol	10.045	139	844	3.637	ng	90
57) 2,4-Dinitrotoluene	10.139	165	1538	4.496	ng	# 74
58) Fluorene	10.510	166	5722	4.648	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.280	232	1065	3.812	ng	# 84
60) Diethylphthalate	10.380	149	5995	4.524	ng	# 97
61) 4-Chlorophenyl-phenyle...	10.504	204	2933	5.249	ng	96
62) 4-Nitroaniline	10.510	138	1132	4.028	ng	# 83
63) Azobenzene	10.663	77	4966	4.287	ng	98
65) 4,6-Dinitro-2-methylph...	10.545	198	474	2.533	ng	86
66) n-Nitrosodiphenylamine	10.621	169	4740	4.443	ng	95
67) 4-Bromophenyl-phenylether	10.992	248	1419	4.189	ng	# 81
68) Hexachlorobenzene	11.057	284	1479	4.261	ng	93
69) Atrazine	11.139	200	1448	4.432	ng	92
70) Pentachlorophenol	11.245	266	907	4.131	ng	# 89
71) Phenanthrene	11.527	178	8385	4.691	ng	98
72) Anthracene	11.527	178	8385	4.676	ng	98
73) Carbazole	11.674	167	7077	4.271	ng	97
74) Di-n-butylphthalate	12.010	149	9915	4.442	ng	99
75) Fluoranthene	12.662	202	7825	4.339	ng	97
77) Benzidine	12.780	184	4386	5.400	ng	98
78) Pyrene	12.662	202	7825	4.335	ng	96
80) Butylbenzylphthalate	13.509	149	3398	3.894	ng	# 95
81) Benzo(a)anthracene	14.080	228	6287	4.364	ng	96
82) 3,3'-Dichlorobenzidine	14.039	252	2250	5.962	ng	91
83) Chrysene	14.115	228	5778	4.186	ng	98
84) Bis(2-ethylhexyl)phtha...	14.068	149	4847	4.137	ng	# 96
85) Di-n-octyl phthalate	14.686	149	6627	3.909	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.086	276	3754	4.057	ng	# 75
88) Benzo(b)fluoranthene	15.139	252	4959	4.330	ng	98
89) Benzo(k)fluoranthene	15.168	252	4527	4.308	ng	# 94
90) Benzo(a)pyrene	15.515	252	4016	4.248	ng	93
91) Dibenzo(a,h)anthracene	17.109	278	3437	4.364	ng	# 92
92) Benzo(g,h,i)perylene	17.545	276	3220	4.187	ng	# 88

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

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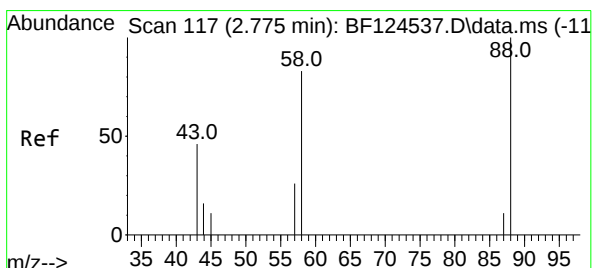
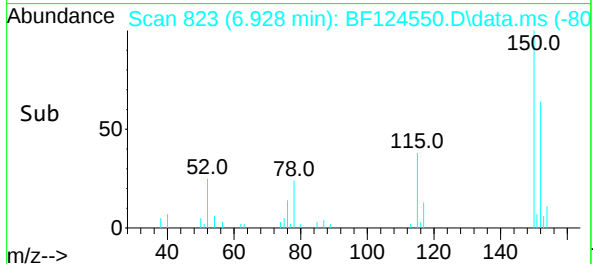
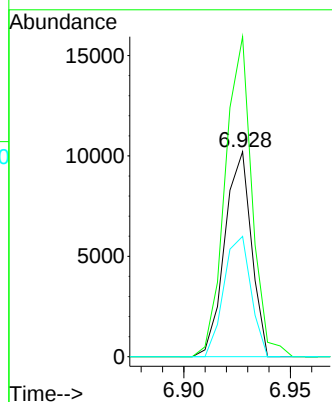
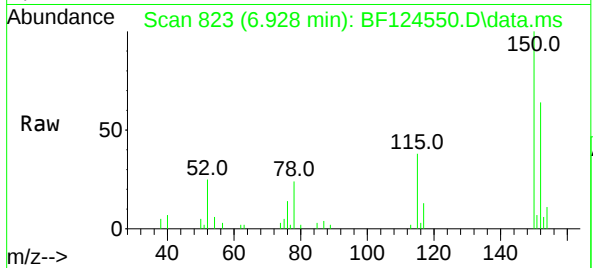




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

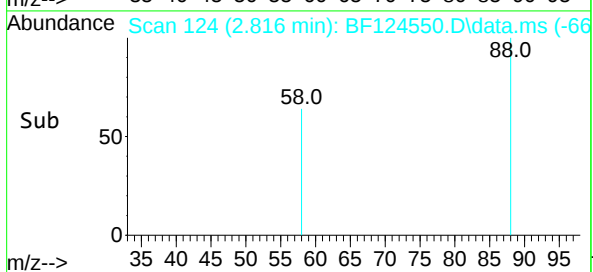
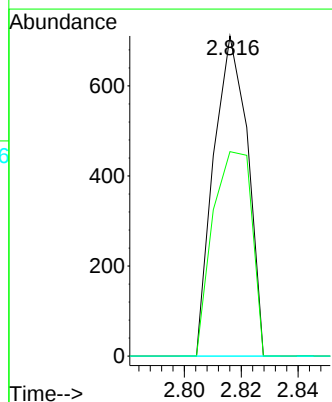
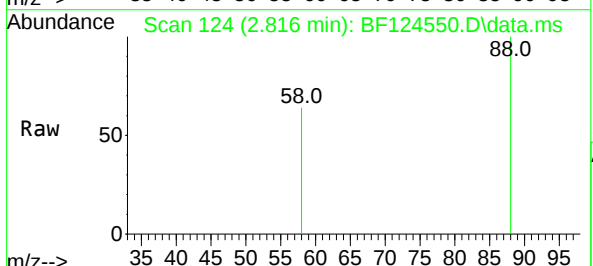
Instrument :
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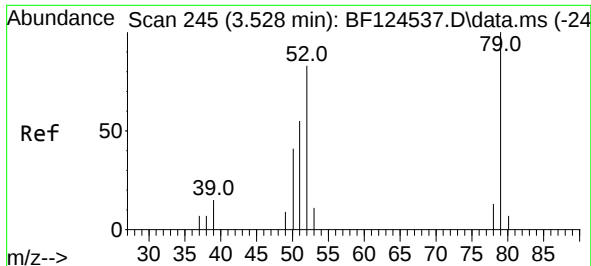
Tgt Ion:152 Resp: 8871
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 58.7 47.1 70.7



#2
1,4-Dioxane
Concen: 3.505 ng
RT: 2.816 min Scan# 124
Delta R.T. 0.041 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion: 88 Resp: 587
Ion Ratio Lower Upper
88 100
58 73.6 0.0 0.0#
43 0.0 0.0 0.0

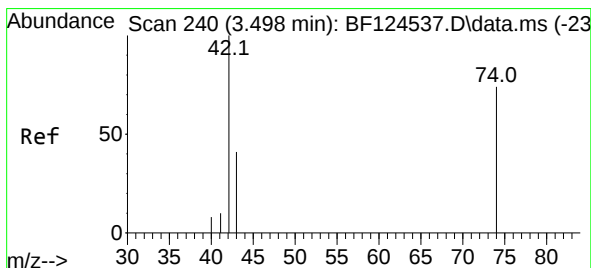
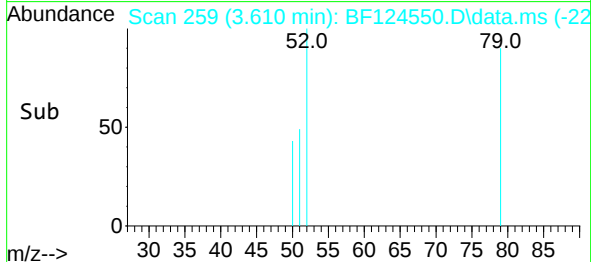
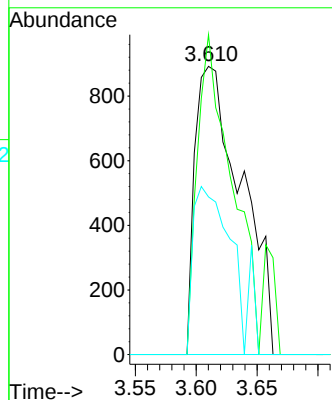
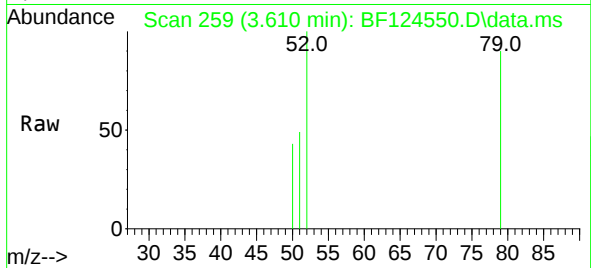




#3
Pyridine
Concen: 5.527 ng
RT: 3.610 min Scan# 259
Delta R.T. 0.082 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

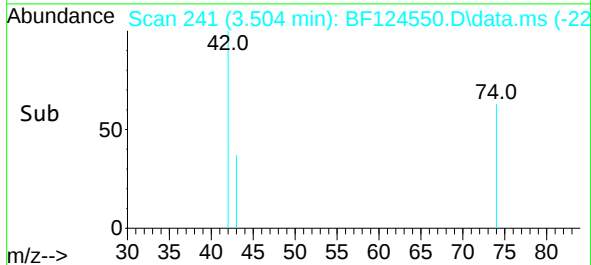
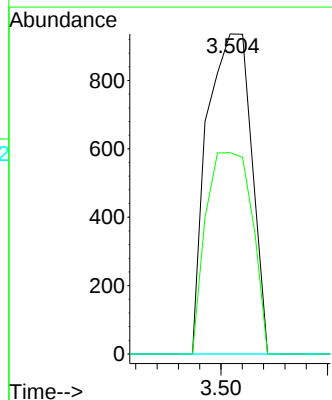
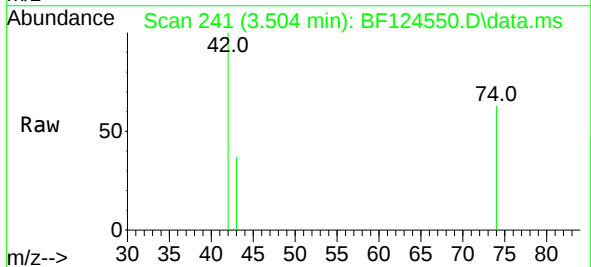
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

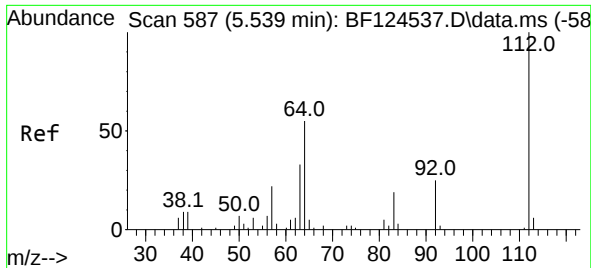
Tgt Ion: 79 Resp: 2374
Ion Ratio Lower Upper
79 100
52 111.0 70.3 105.5#
51 54.7 44.1 66.1



#4
n-Nitrosodimethylamine
Concen: 3.873 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion: 42 Resp: 1352
Ion Ratio Lower Upper
42 100
74 62.9 59.0 88.6
44 0.0 0.0 0.0

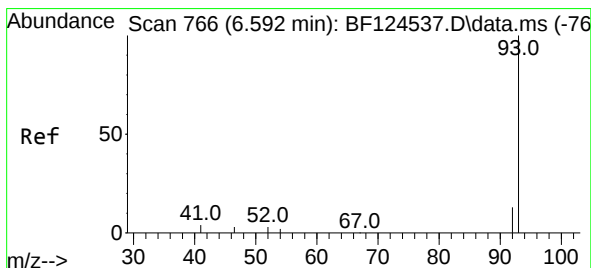
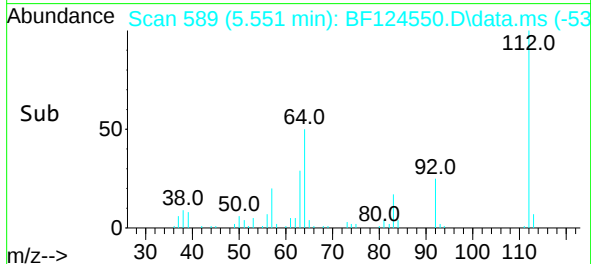
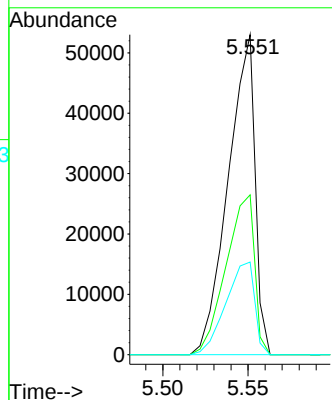
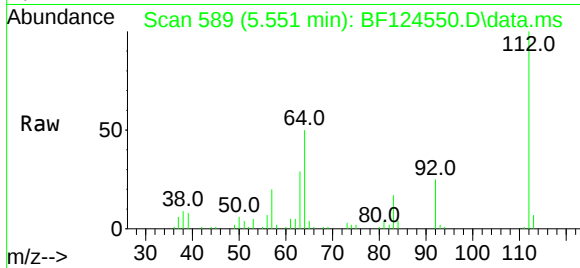




#5
2-Fluorophenol
Concen: 113.497 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

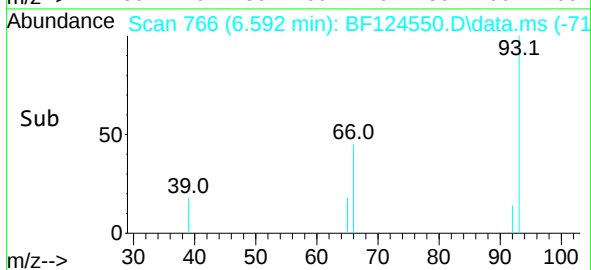
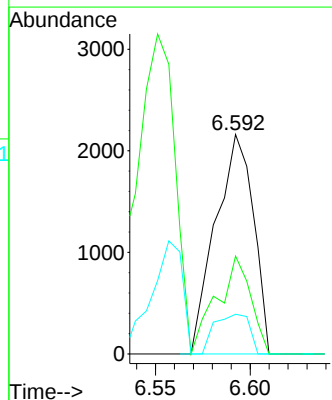
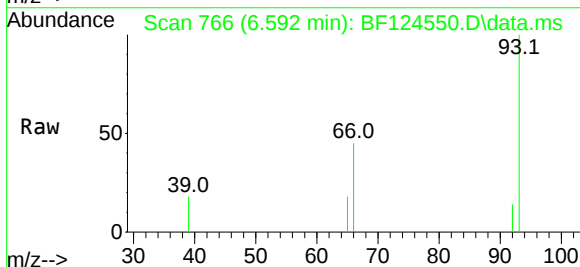
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ClientSampleId :
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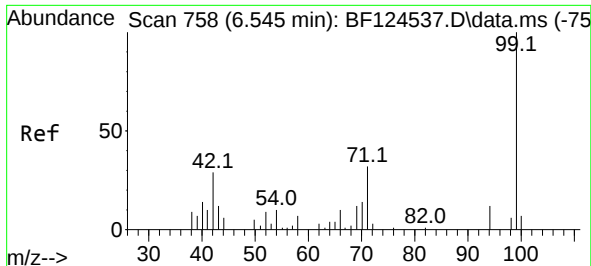
Tgt Ion:112 Resp: 58112
Ion Ratio Lower Upper
112 100
64 49.9 44.2 66.2
63 28.9 26.2 39.2



#6
Aniline
Concen: 4.568 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion: 93 Resp: 2998
Ion Ratio Lower Upper
93 100
66 44.6 32.7 49.1
65 18.1 14.2 21.4

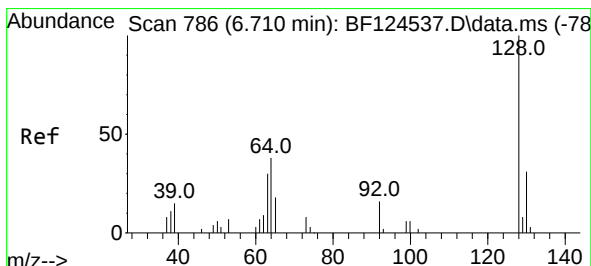
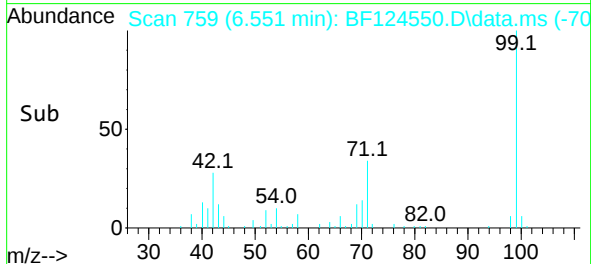
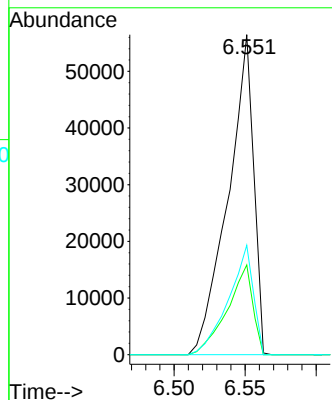
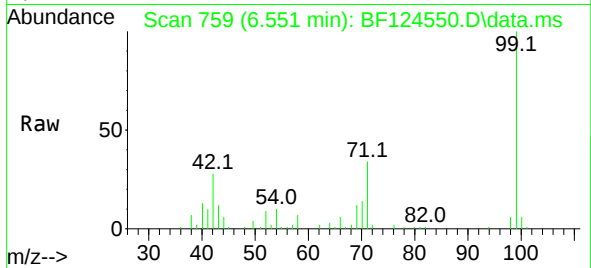




#7
Phenol-d6
Concen: 113.408 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

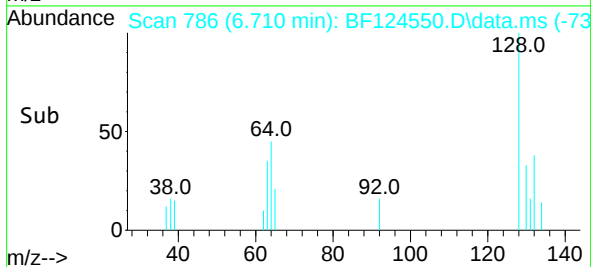
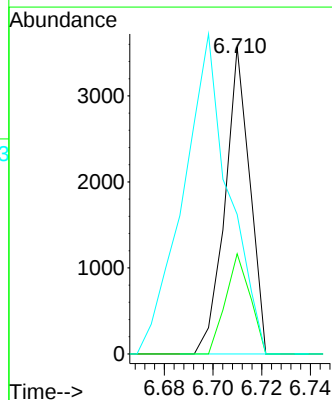
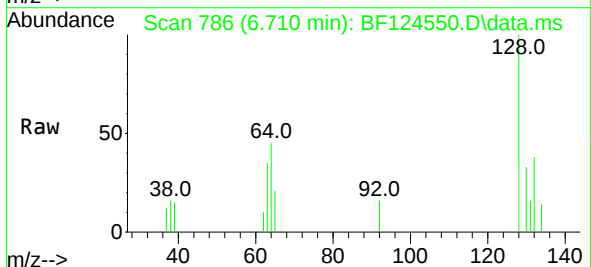
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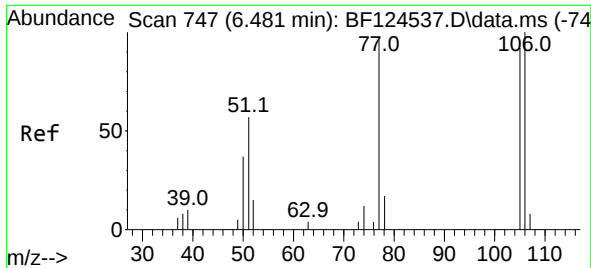
Tgt Ion: 99 Resp: 70638
Ion Ratio Lower Upper
99 100
42 28.0 23.5 35.3
71 34.2 25.6 38.4



#8
2-Chlorophenol
Concen: 4.388 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion: 128 Resp: 2519
Ion Ratio Lower Upper
128 100
130 32.6 10.5 50.5
64 45.4 20.3 60.3

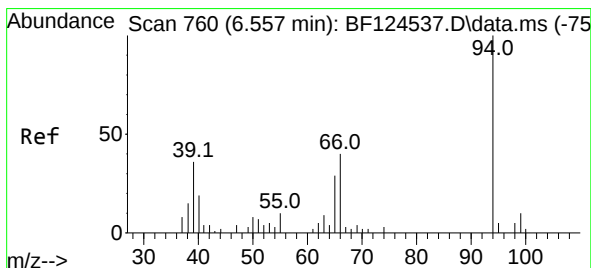
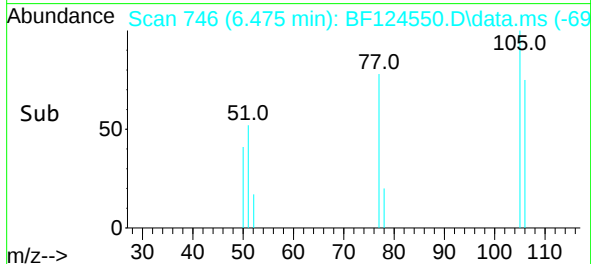
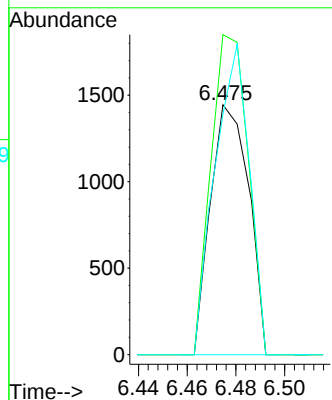
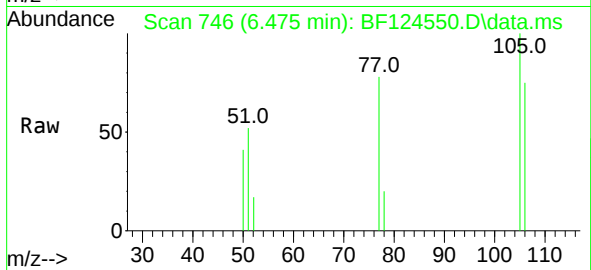




#9
Benzaldehyde
Concen: 4.313 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

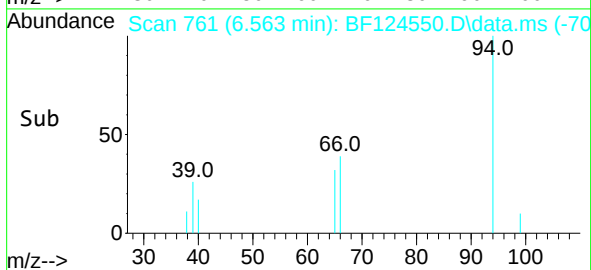
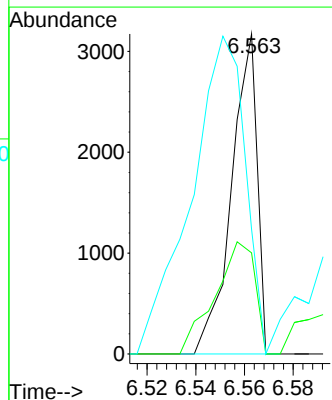
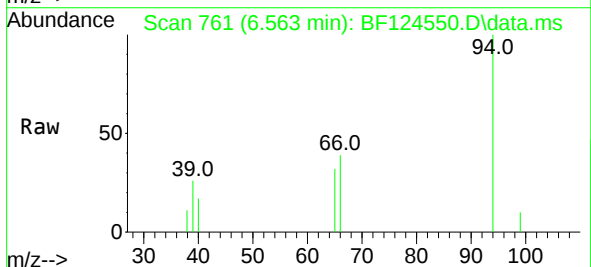
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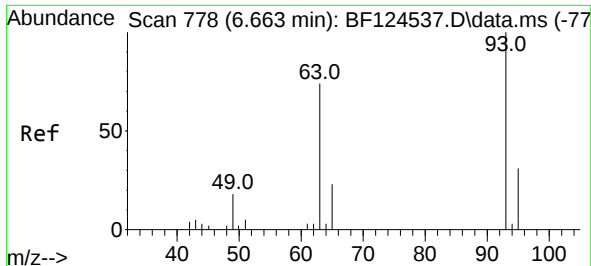
Tgt Ion: 77 Resp: 1576
Ion Ratio Lower Upper
77 100
105 128.0 75.9 115.9#
106 96.2 84.0 124.0



#10
Phenol
Concen: 3.799 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

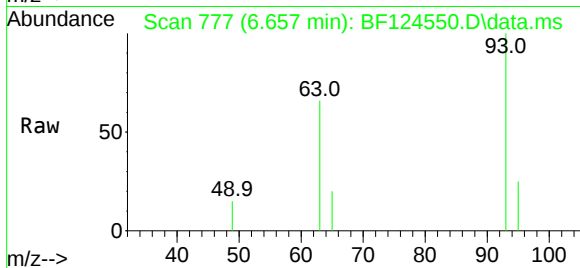
Tgt Ion: 94 Resp: 2310
Ion Ratio Lower Upper
94 100
65 31.6 9.3 49.3
66 39.0 20.3 60.3



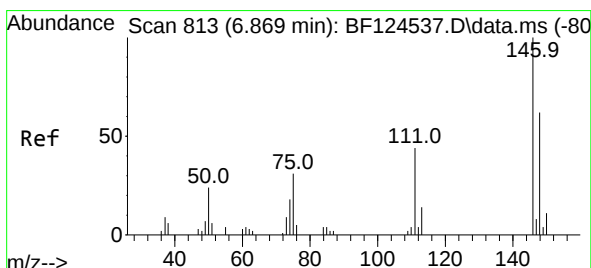
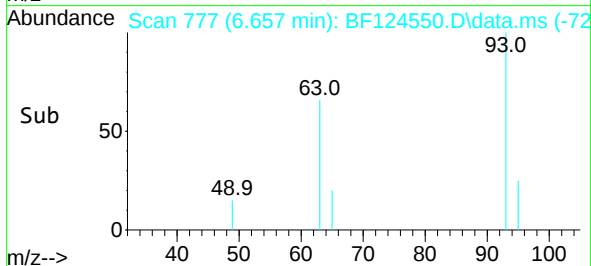
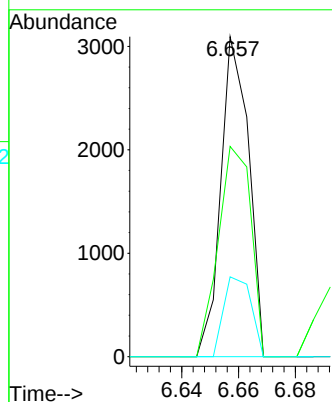


#11
bis(2-Chloroethyl)ether
Concen: 4.465 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

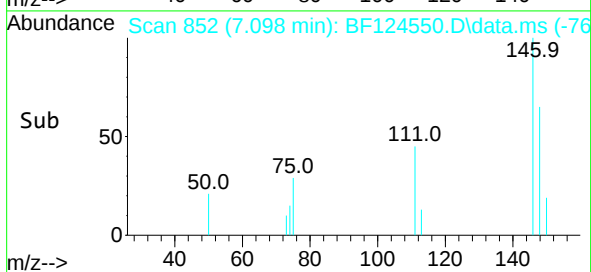
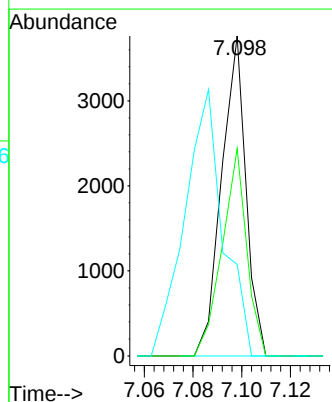
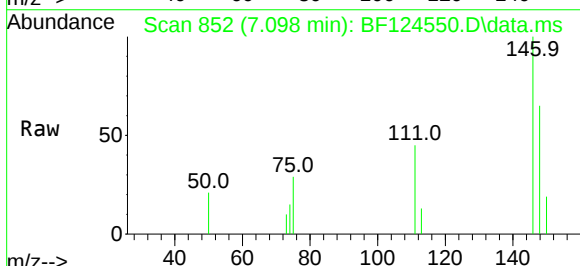


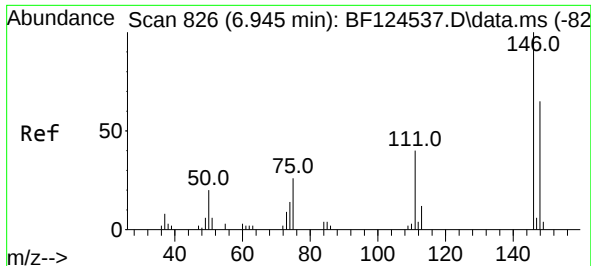
Tgt Ion:	93	Resp:	2105
Ion	Ratio	Lower	Upper
93	100		
63	65.7	54.4	94.4
95	25.0	11.4	51.4



#12
1,3-Dichlorobenzene
Concen: 4.154 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.229 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:	146	Resp:	2610
Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.7	74.5
75	28.6	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 4.797 ng

RT: 6.945 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF124550.D

Acq: 13 Jul 2021 17:31

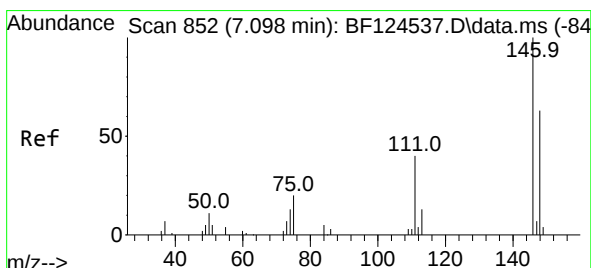
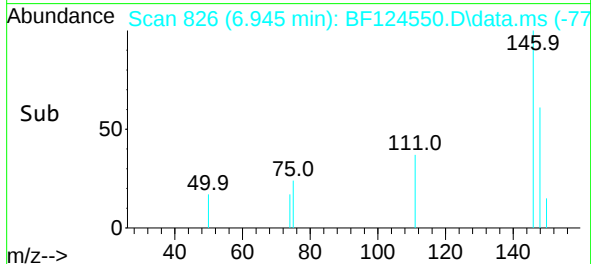
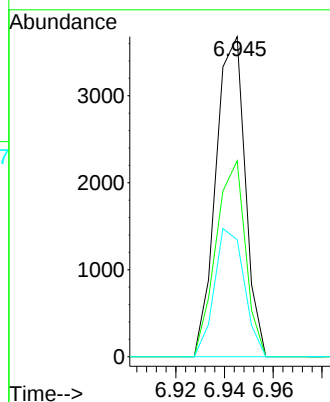
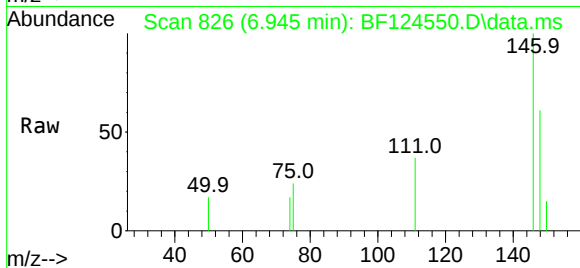
Tgt Ion:146 Resp: 3078

Ion Ratio Lower Upper

146 100

148 61.2 51.9 77.9

111 36.6 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 4.280 ng

RT: 7.098 min Scan# 852

Delta R.T. -0.000 min

Lab File: BF124550.D

Acq: 13 Jul 2021 17:31

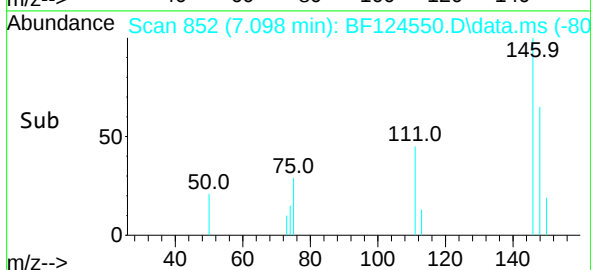
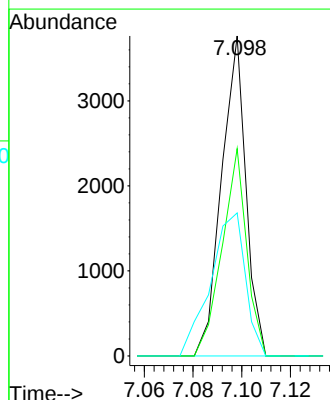
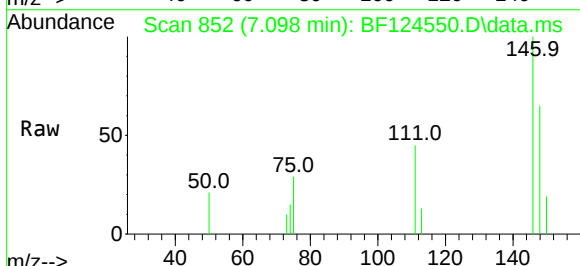
Tgt Ion:146 Resp: 2610

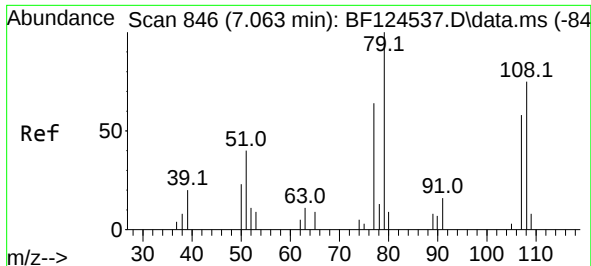
Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

111 44.7 33.5 50.3

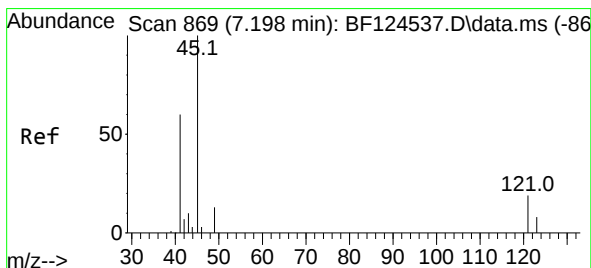
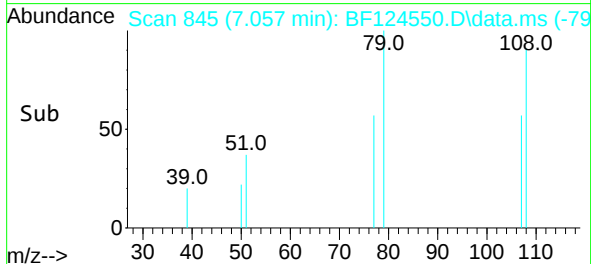
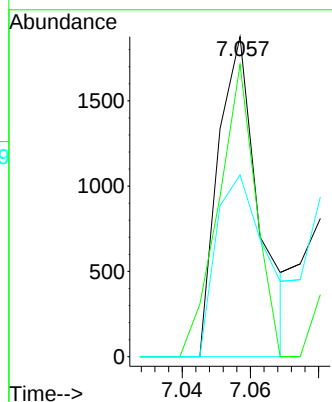
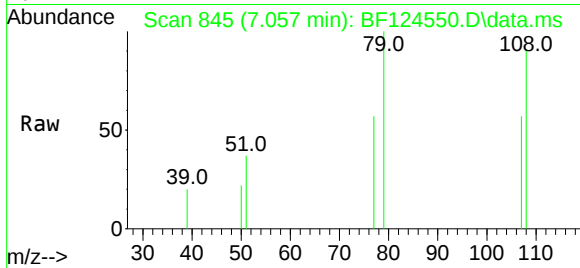




#15
Benzyl Alcohol
Concen: 3.608 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

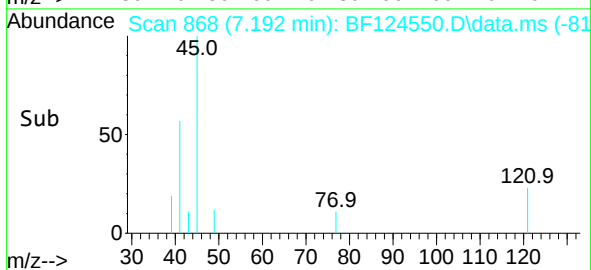
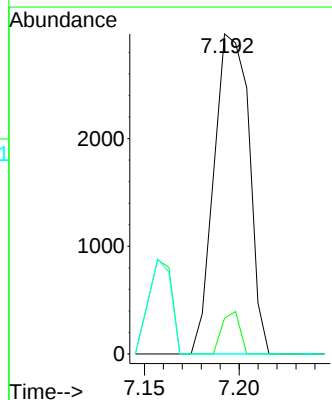
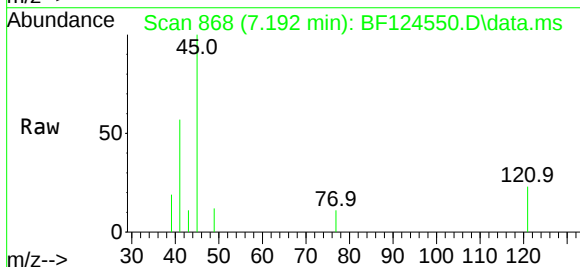
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

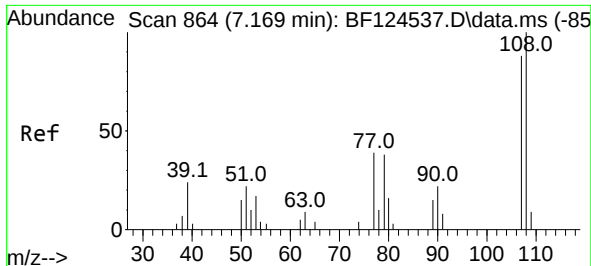
Tgt Ion: 79	Resp: 1555
Ion Ratio	Lower Upper
79 100	
108 91.3	60.4 90.6#
77 56.8	51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.700 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion: 45	Resp: 3819
Ion Ratio	Lower Upper
45 100	
77 11.1	0.0 30.6
79 0.0	0.0 27.5

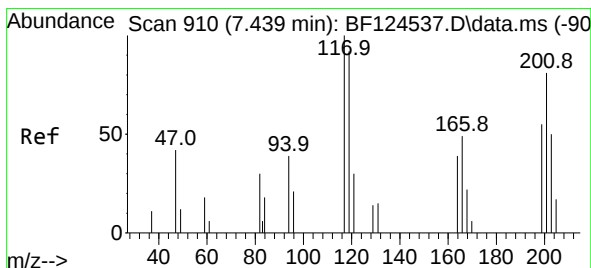
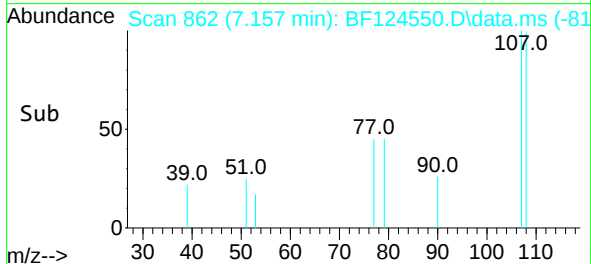
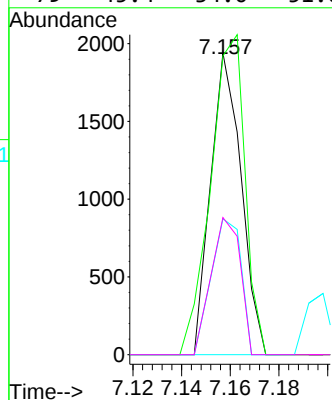
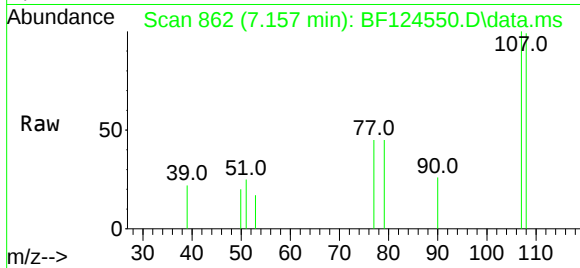




#17
2-Methylphenol
Concen: 4.006 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

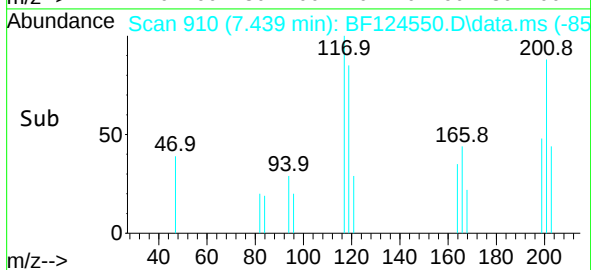
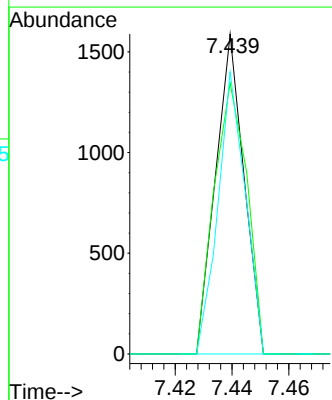
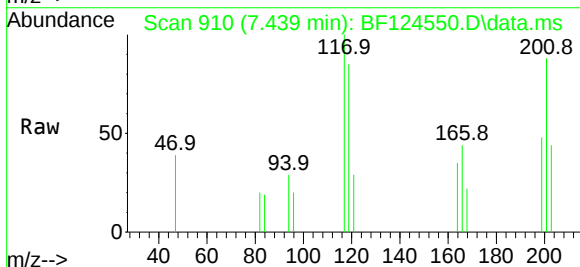
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

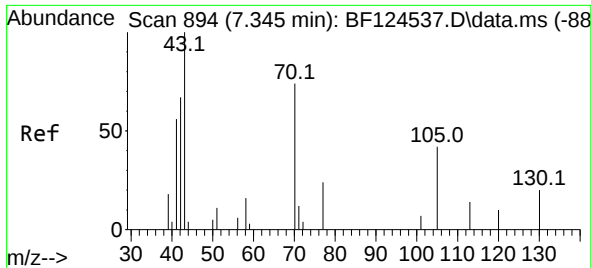
Tgt Ion:	107	Resp:	1683
Ion	Ratio	Lower	Upper
107	100		
108	99.0	90.6	135.8
77	45.0	35.7	53.5
79	45.4	34.0	51.0



#18
Hexachloroethane
Concen: 4.552 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:	117	Resp:	1100
Ion	Ratio	Lower	Upper
117	100		
119	84.6	73.4	110.2
201	88.2	64.9	97.3



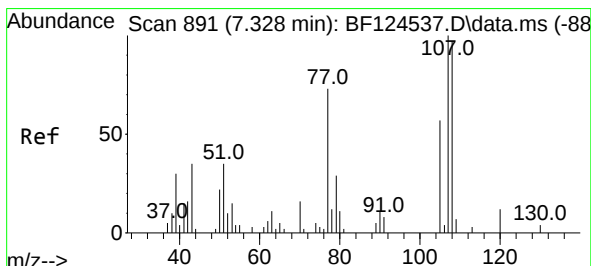
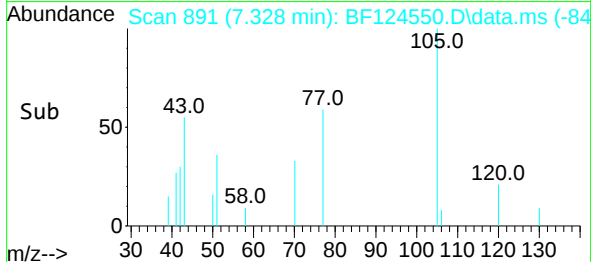
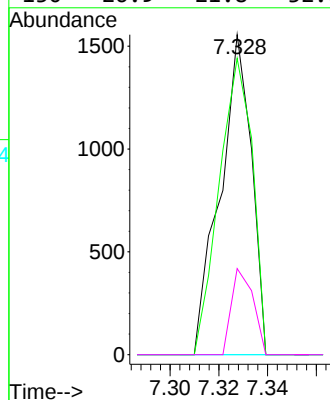
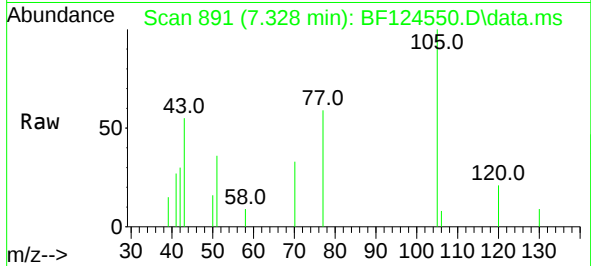


#19
n-Nitroso-di-n-propylamine
Concen: 3.964 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Tgt Ion: 70 Resp: 1388

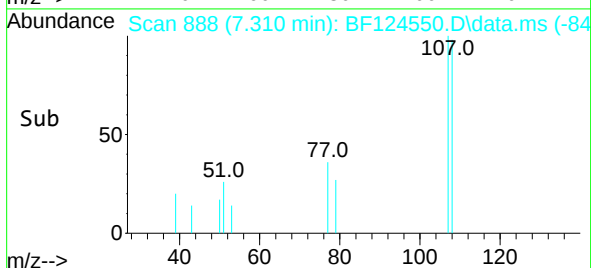
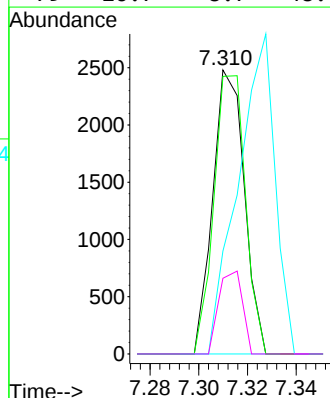
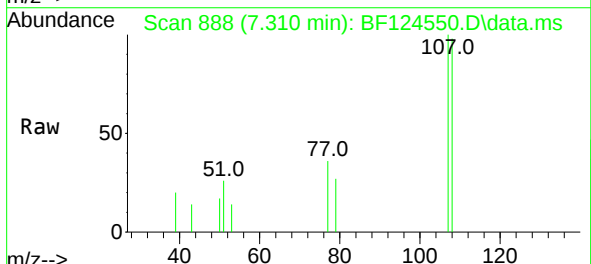
Ion	Ratio	Lower	Upper
70	100		
42	92.6	72.2	108.2
101	0.0	7.8	11.8#
130	26.9	21.8	32.6

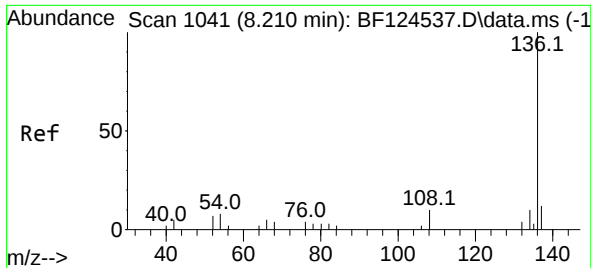


#20
3+4-Methylphenols
Concen: 4.026 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion: 107 Resp: 2227

Ion	Ratio	Lower	Upper
107	100		
108	97.7	76.6	116.6
77	36.3	53.3	93.3#
79	26.7	8.7	48.7

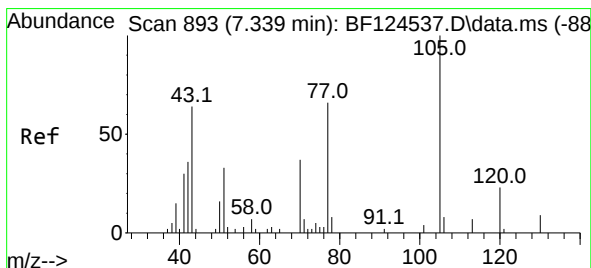
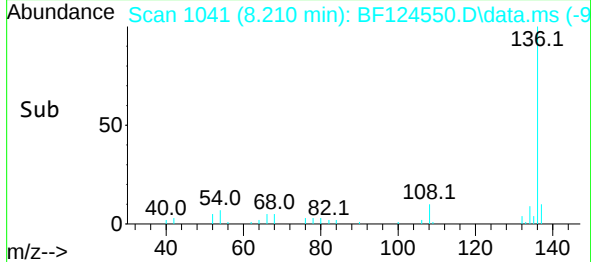
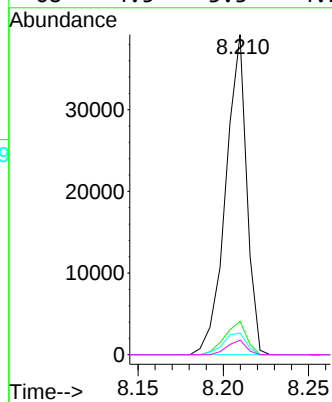
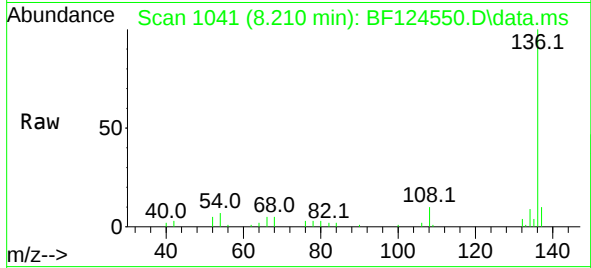




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

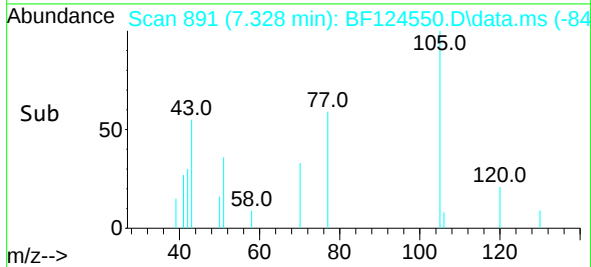
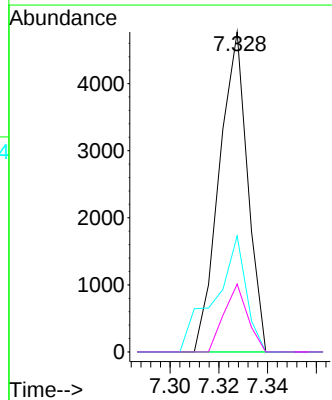
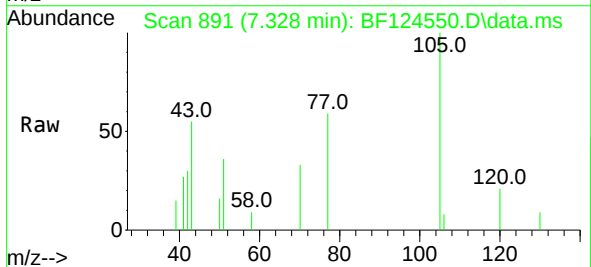
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

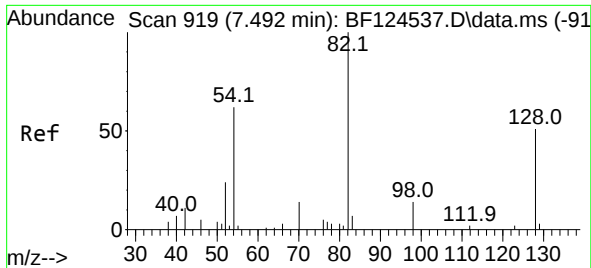
Tgt Ion:136	Resp:	33477
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.8 14.6
54	6.7	6.4 9.6
68	4.5	3.3 4.9



#22
Acetophenone
Concen: 5.058 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:105	Resp:	3843
Ion Ratio	Lower	Upper
105	100	
71	0.0	5.5 8.3#
51	36.3	26.0 39.0
120	21.2	18.5 27.7

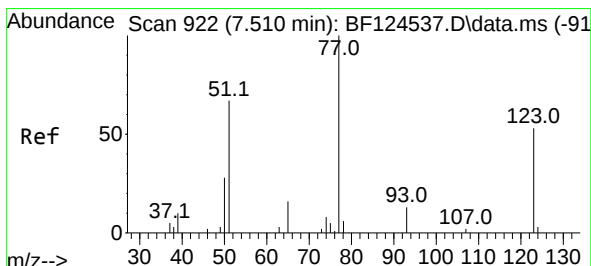
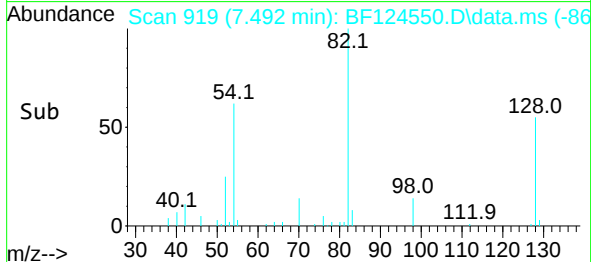
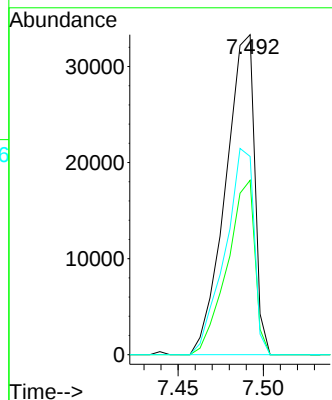
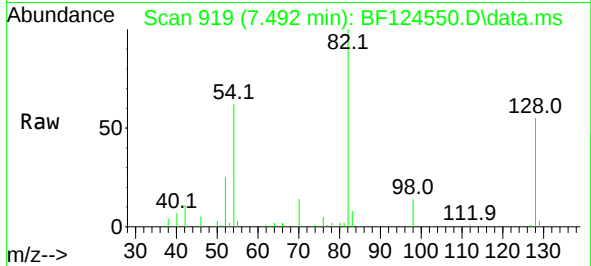




#23
Nitrobenzene-d5
Concen: 74.451 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

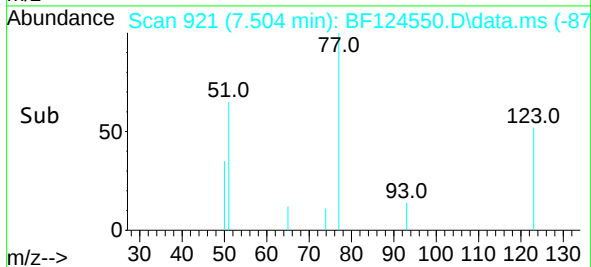
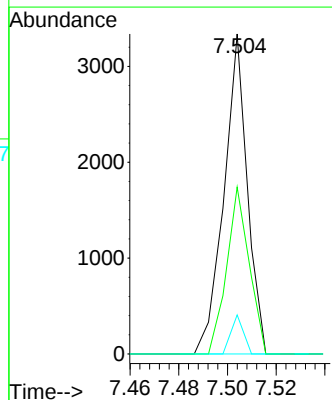
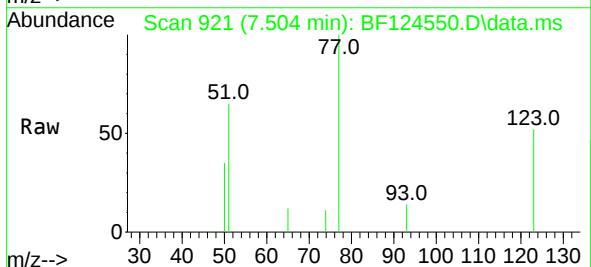
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

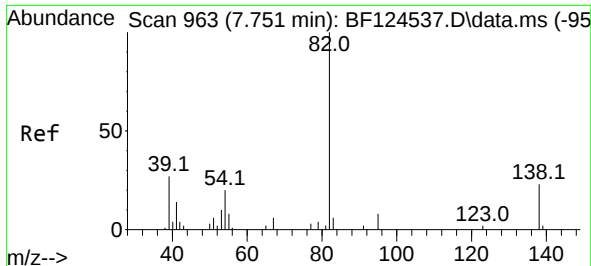
Tgt Ion: 82 Resp: 39482
Ion Ratio Lower Upper
82 100
128 54.5 40.6 60.8
54 62.0 49.6 74.4



#24
Nitrobenzene
Concen: 4.224 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion: 77 Resp: 2221
Ion Ratio Lower Upper
77 100
123 52.2 42.3 63.5
65 12.2 12.4 18.6#

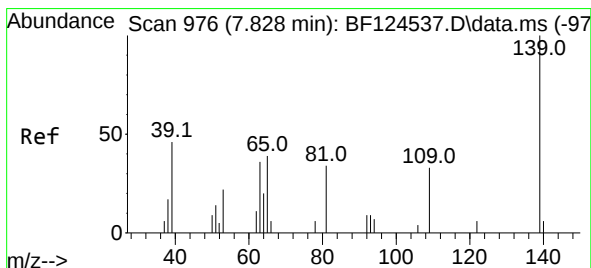
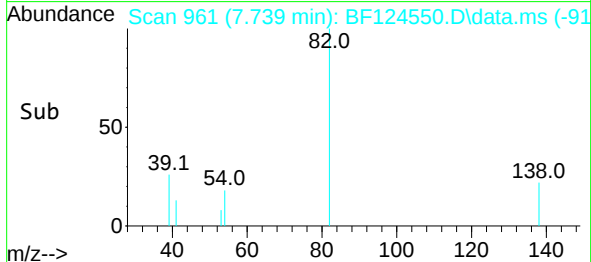
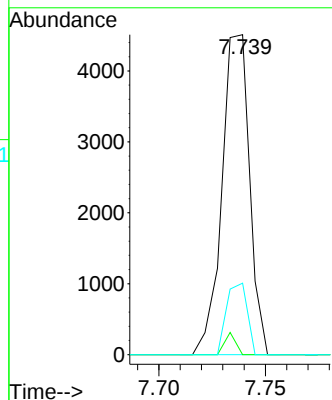
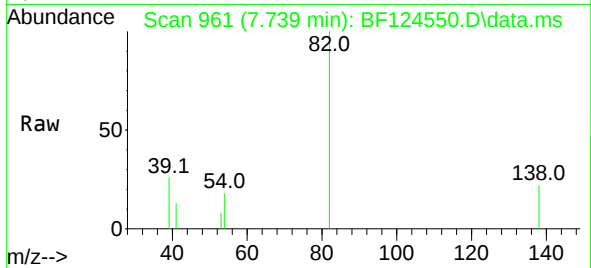




#25
Isophorone
Concen: 4.188 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

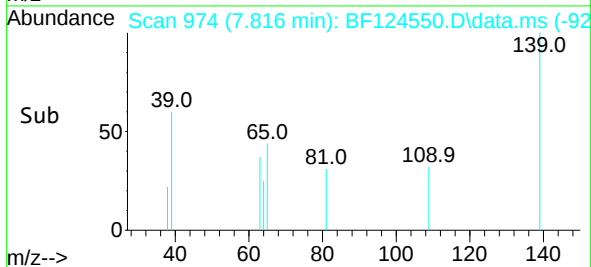
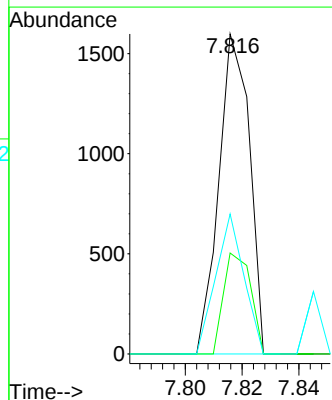
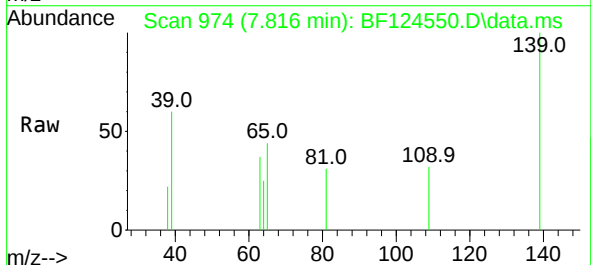
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

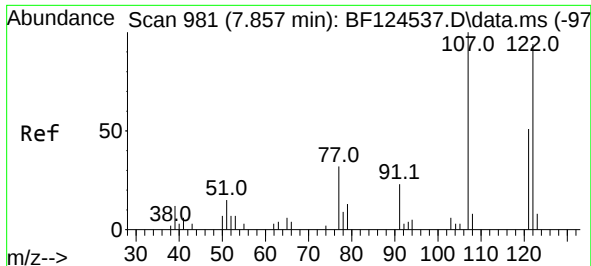
Tgt Ion: 82 Resp: 4077
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 22.4 18.4 27.6



#26
2-Nitrophenol
Concen: 4.220 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion: 139 Resp: 1197
Ion Ratio Lower Upper
139 100
109 31.5 26.0 39.0
65 43.7 31.0 46.4





#27

2,4-Dimethylphenol

Concen: 5.134 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.012 min

Lab File: BF124550.D

Acq: 13 Jul 2021 17:31

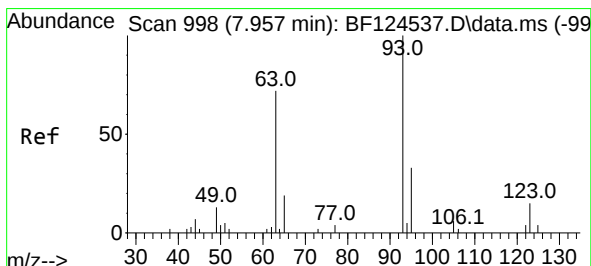
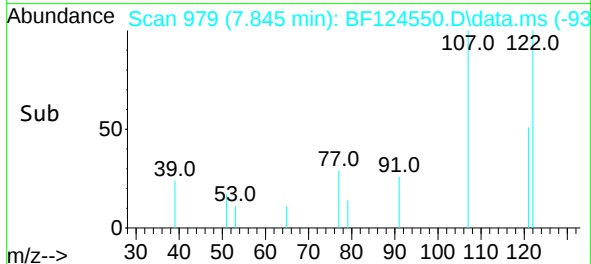
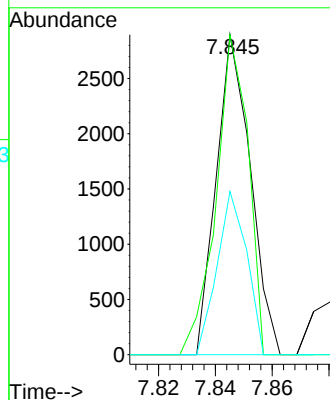
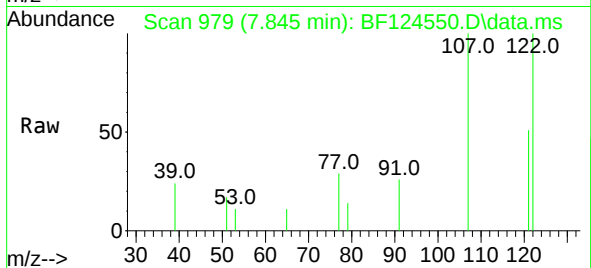
Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion:122	Resp:	2413
Ion Ratio	Lower	Upper
122	100	
107	99.9	85.0 127.6
121	51.0	43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 4.427 ng

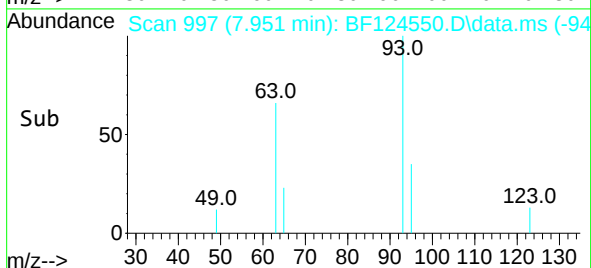
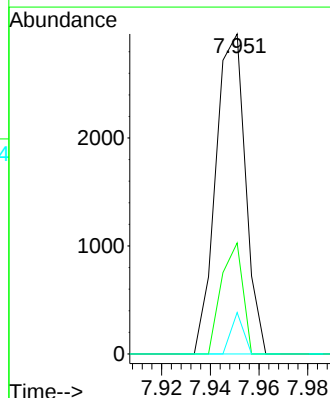
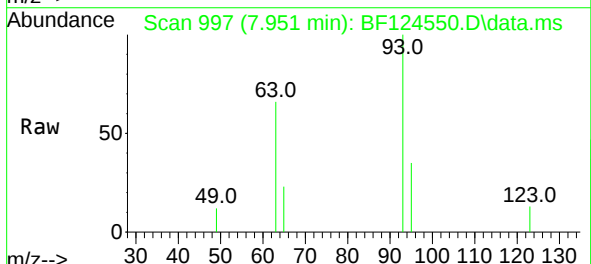
RT: 7.951 min Scan# 997

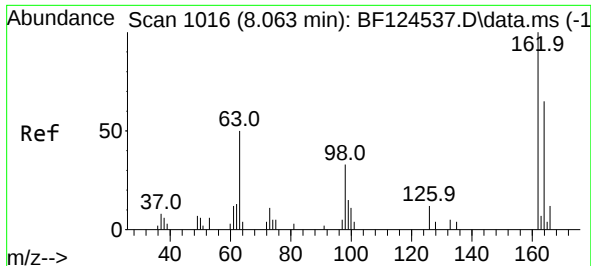
Delta R.T. -0.006 min

Lab File: BF124550.D

Acq: 13 Jul 2021 17:31

Tgt Ion: 93	Resp:	2514
Ion Ratio	Lower	Upper
93	100	
95	34.7	26.1 39.1
123	13.0	11.7 17.5

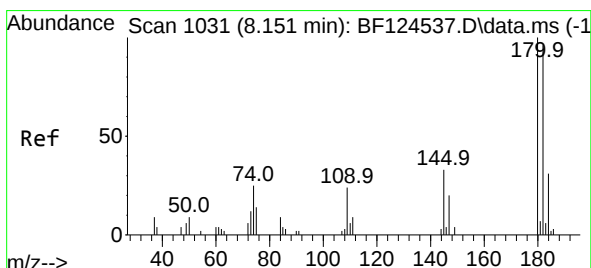
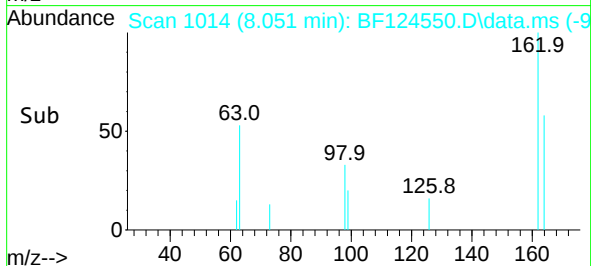
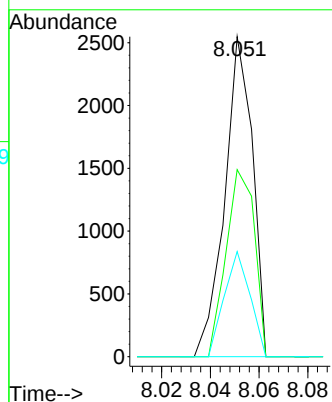
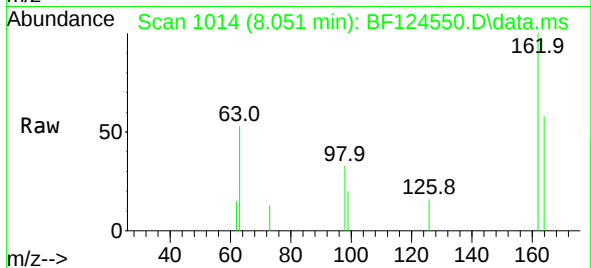




#29
2,4-Dichlorophenol
Concen: 4.162 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

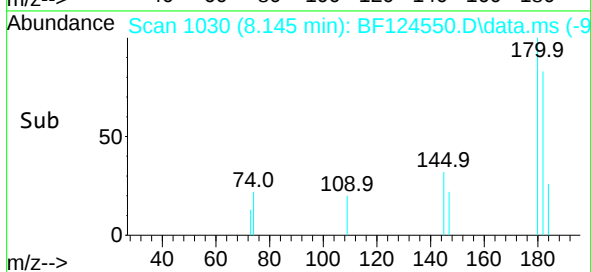
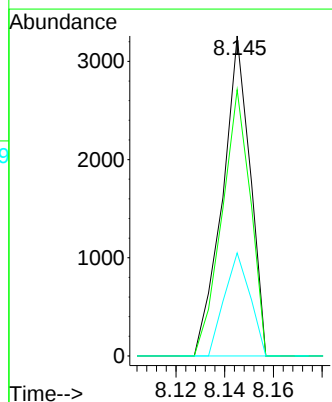
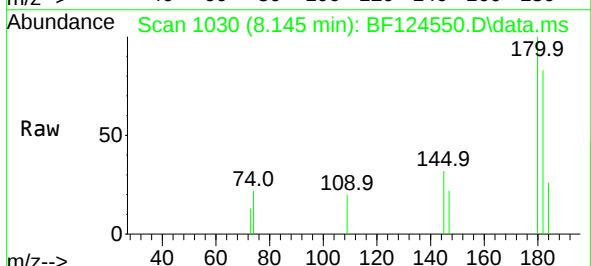
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

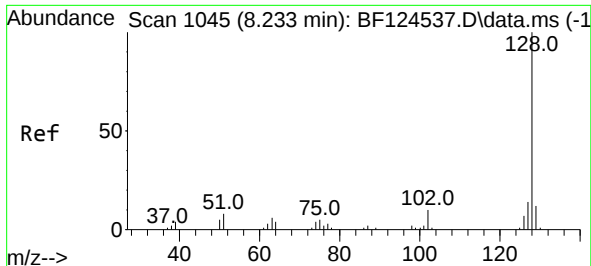
Tgt Ion:162	Resp:	2018
Ion Ratio	Lower	Upper
162	100	
164	58.4	44.5 84.5
98	32.8	13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 4.784 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

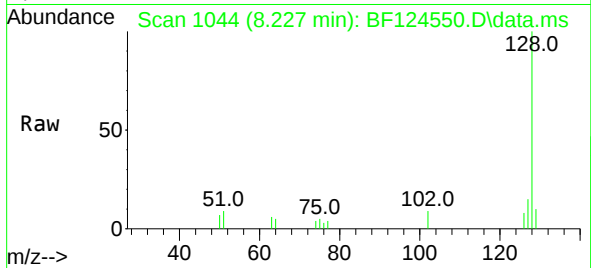
Tgt Ion:180	Resp:	2567
Ion Ratio	Lower	Upper
180	100	
182	83.2	76.8 115.2
145	32.2	26.7 40.1



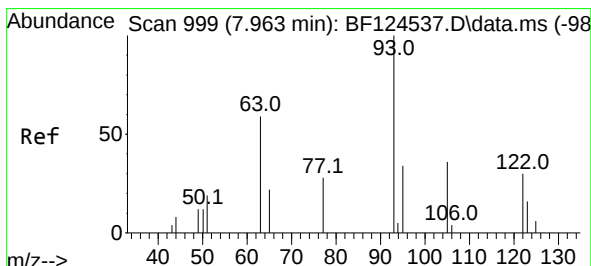
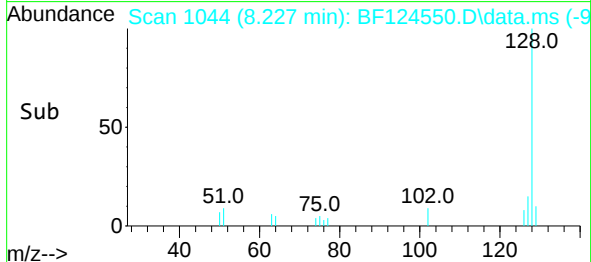
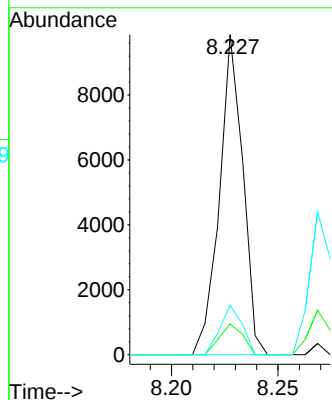


#31
Naphthalene
Concen: 4.349 ng
RT: 8.227 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

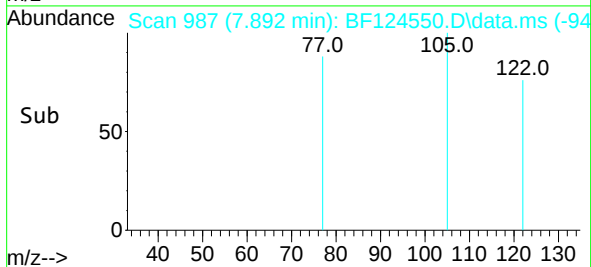
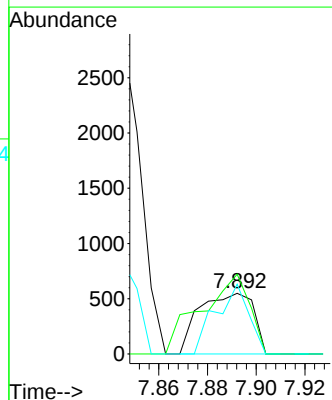
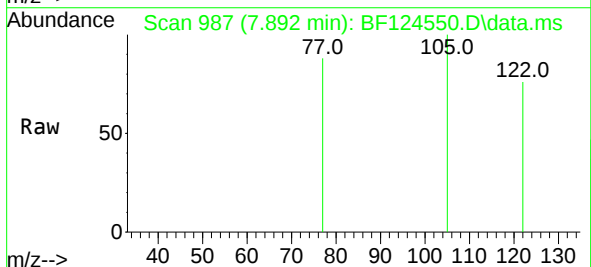


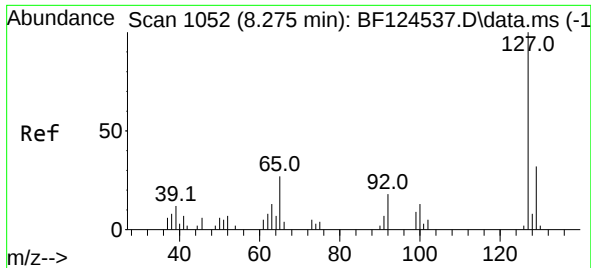
Tgt Ion:128 Resp: 7531
Ion Ratio Lower Upper
128 100
129 9.7 9.4 14.0
127 15.4 10.9 16.3



#32
Benzoic acid
Concen: 2.582 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.071 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

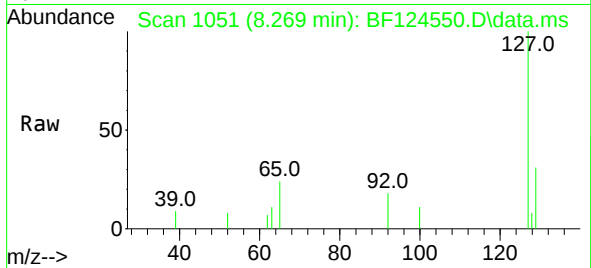
Tgt Ion:122 Resp: 846
Ion Ratio Lower Upper
122 100
105 131.3 97.6 137.6
77 115.1 59.6 99.6#



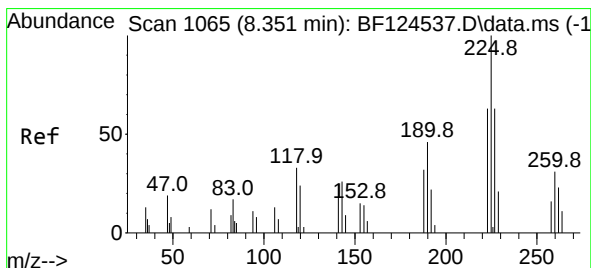
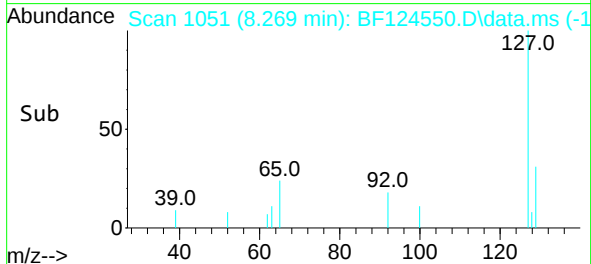
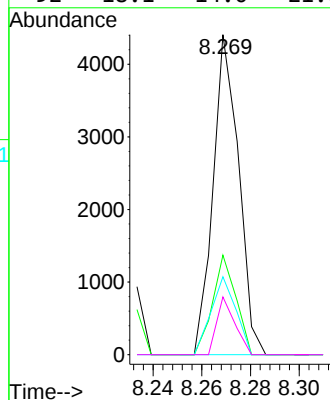


#33
4-Chloroaniline
Concen: 4.906 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

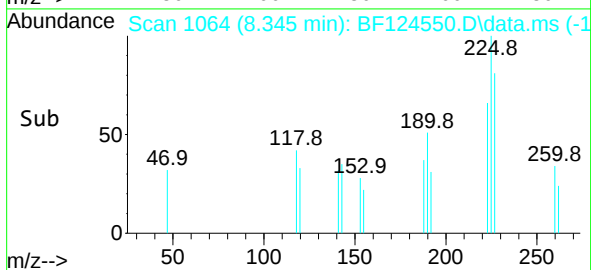
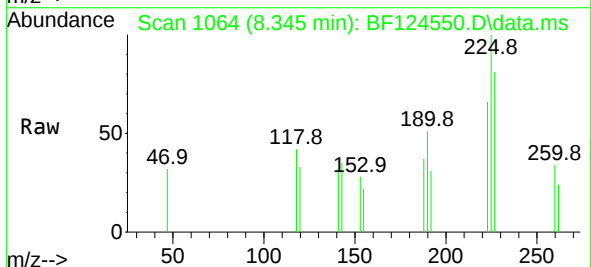
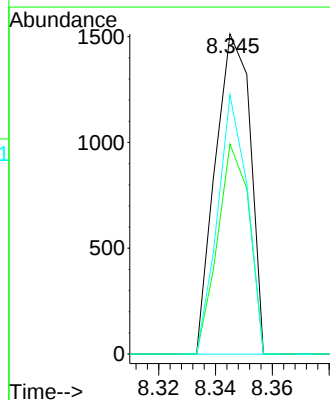


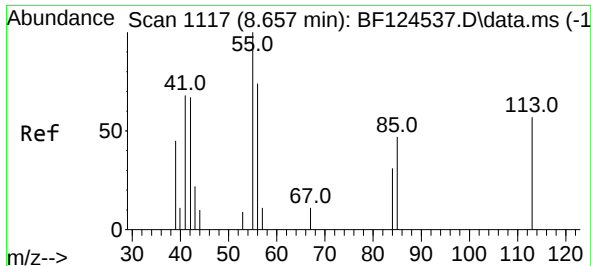
Tgt Ion:	127	Resp:	3210
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	24.4	21.2	31.8
92	18.1	14.0	21.0



#34
Hexachlorobutadiene
Concen: 4.270 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:	225	Resp:	1293
Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.6	76.0
227	81.0	50.6	75.8#

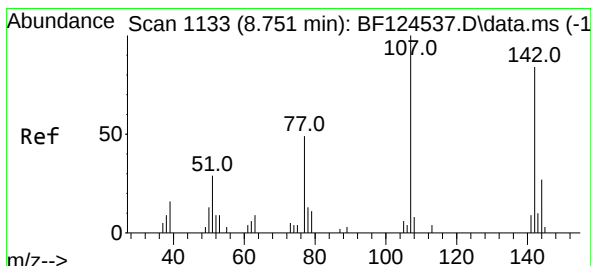
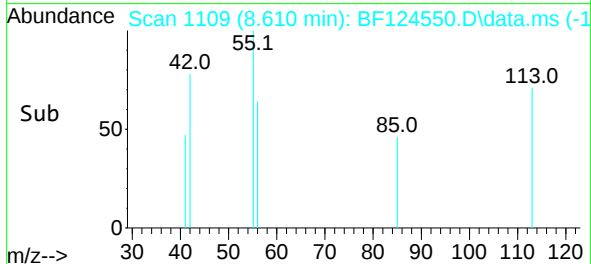
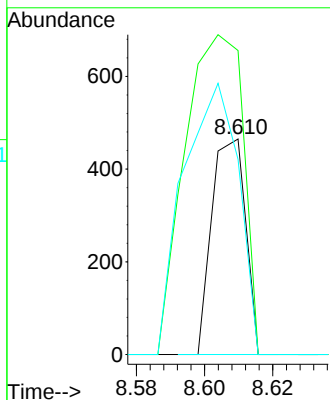
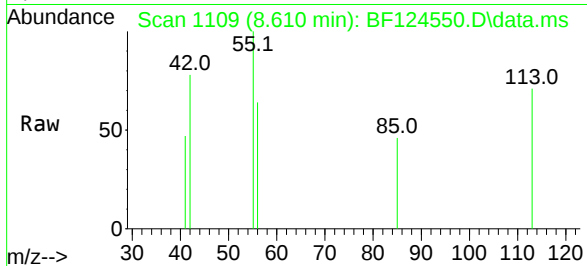




#35
Caprolactam
Concen: 2.601 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.047 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

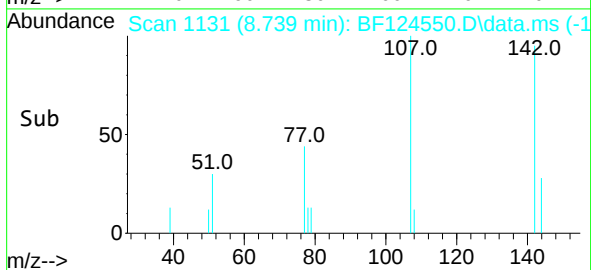
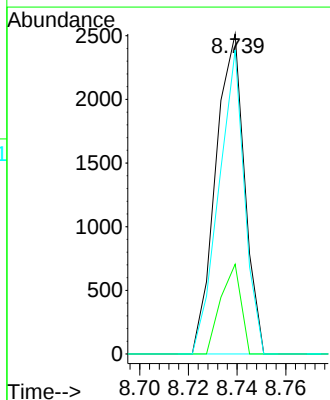
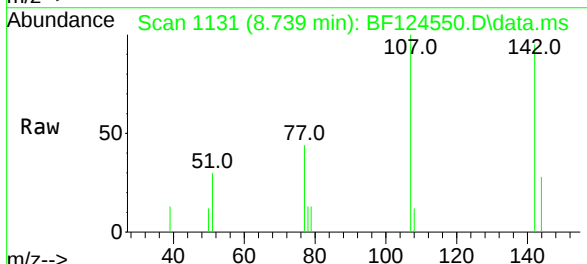
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

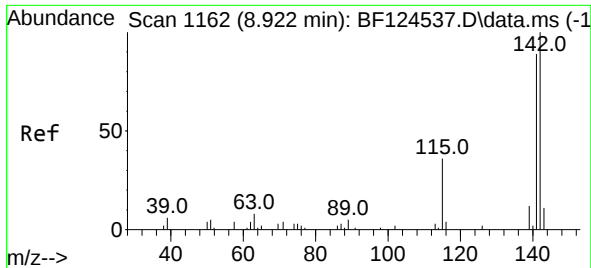
Tgt Ion:113 Resp: 319
Ion Ratio Lower Upper
113 100
55 141.1 154.1 194.1#
56 90.5 108.7 148.7#



#36
4-Chloro-3-methylphenol
Concen: 4.316 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:107 Resp: 2069
Ion Ratio Lower Upper
107 100
144 28.1 21.9 32.9
142 95.0 67.1 100.7

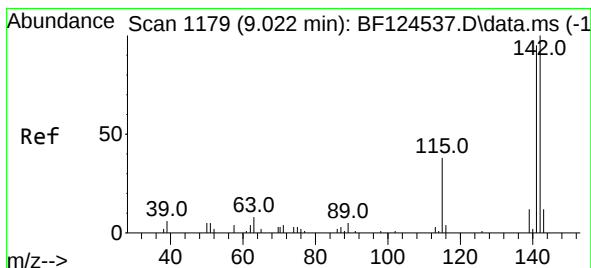
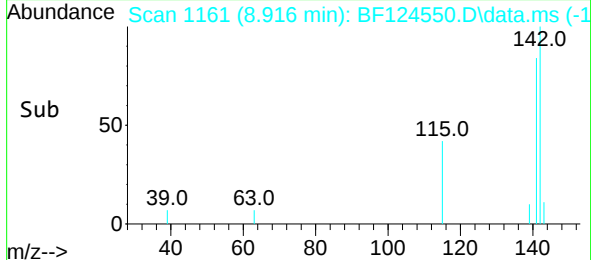
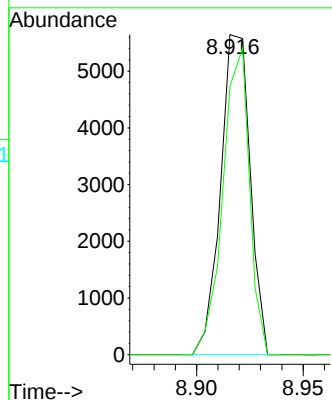
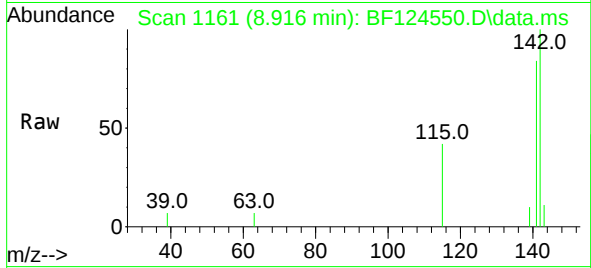




#37
2-Methylnaphthalene
Concen: 4.678 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

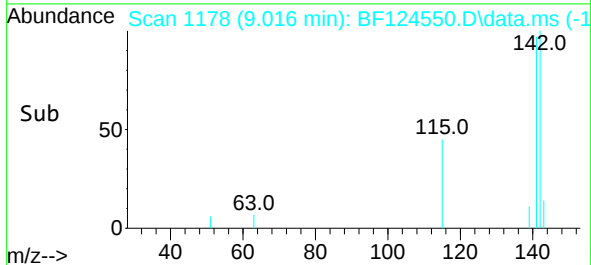
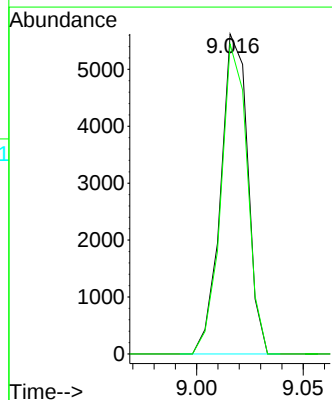
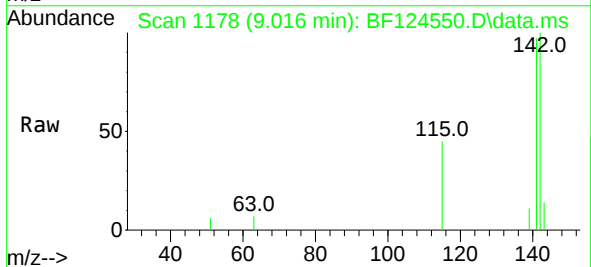
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

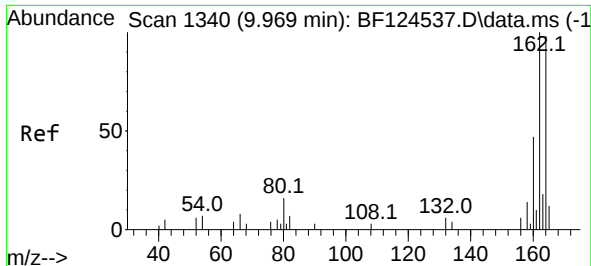
Tgt Ion:142 Resp: 5466
Ion Ratio Lower Upper
142 100
141 83.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 4.520 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

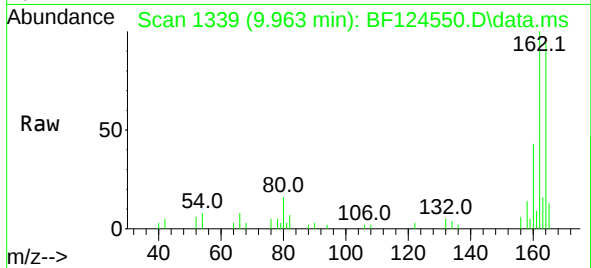
Tgt Ion:142 Resp: 4960
Ion Ratio Lower Upper
142 100
141 96.8 76.0 114.0



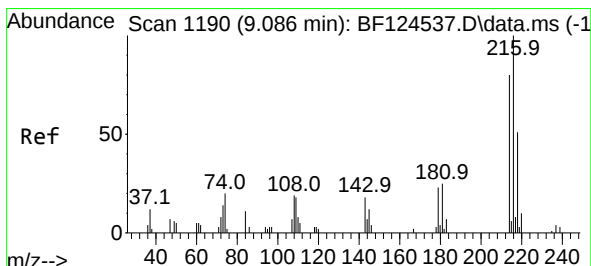
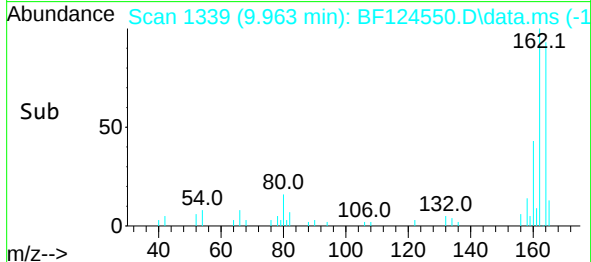
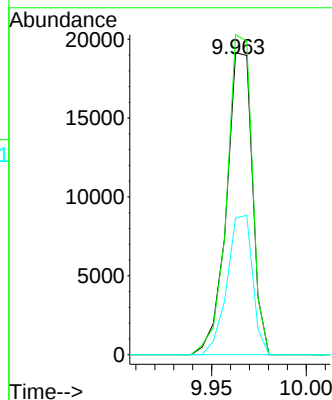


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

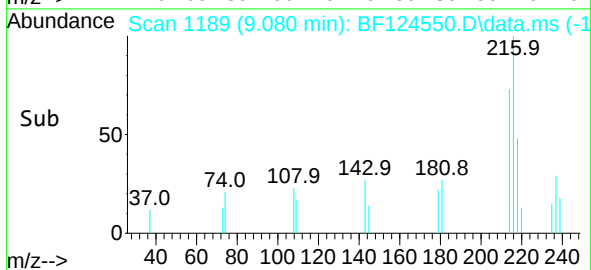
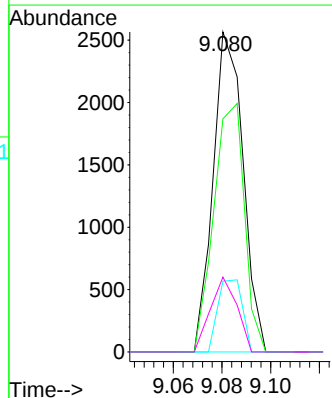
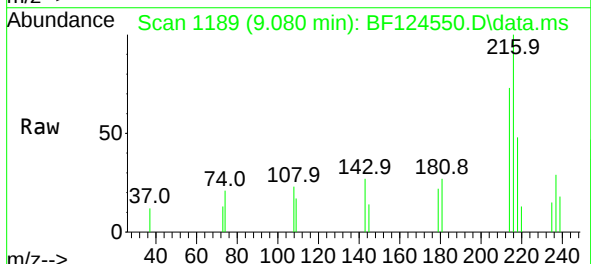


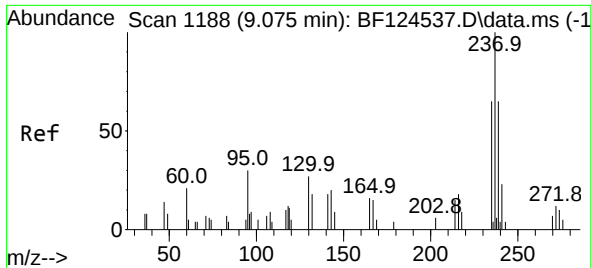
Tgt Ion:164 Resp: 18217
Ion Ratio Lower Upper
164 100
162 105.9 81.3 121.9
160 45.2 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.520 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

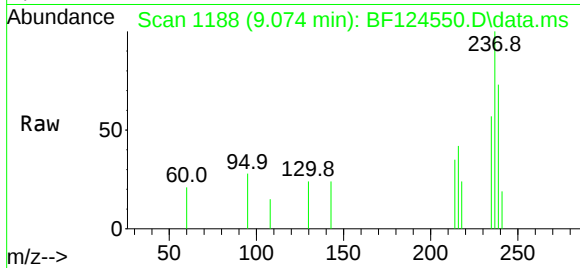
Tgt Ion:216 Resp: 2196
Ion Ratio Lower Upper
216 100
214 79.2 64.9 97.3
179 18.4 17.4 26.2
108 20.6 16.5 24.7



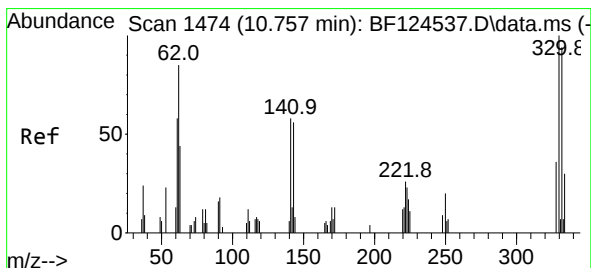
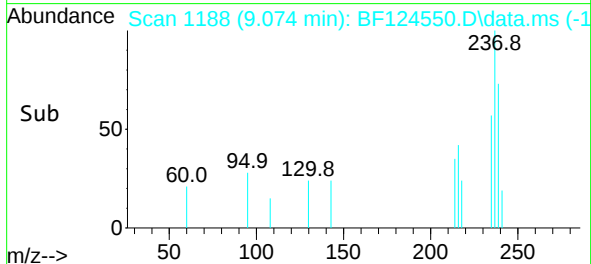
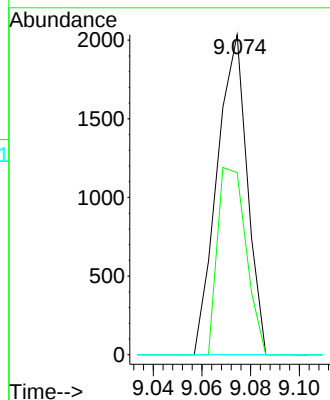


#41
Hexachlorocyclopentadiene
Concen: 5.753 ng
RT: 9.074 min Scan# 1188
Delta R.T. -0.001 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

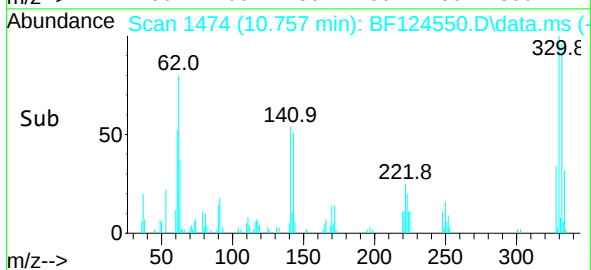
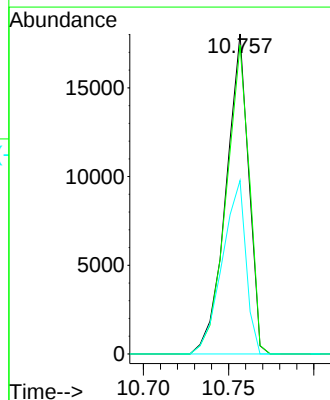
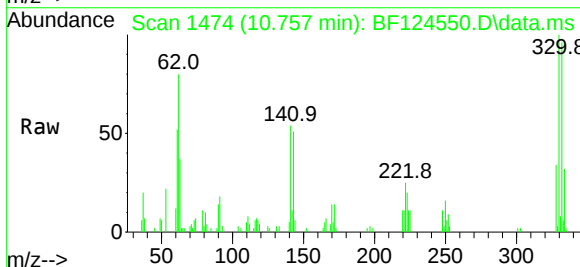


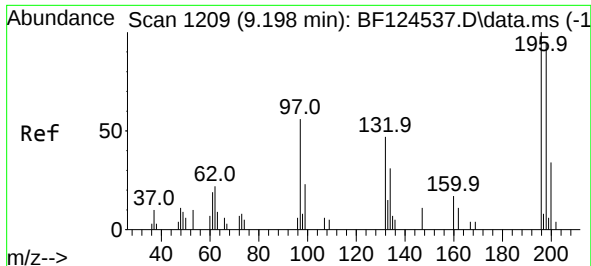
Tgt Ion:	237	Resp:	1746
Ion Ratio	Lower	Upper	
237	100		
235	56.9	44.7	84.7
272	0.0	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 117.683 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:	330	Resp:	16683
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.2	114.4
141	56.5	44.6	66.8

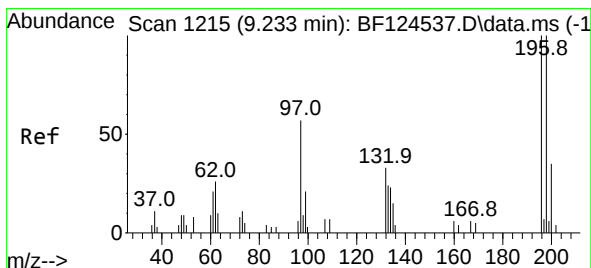
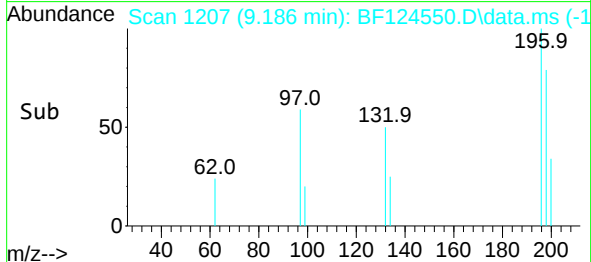
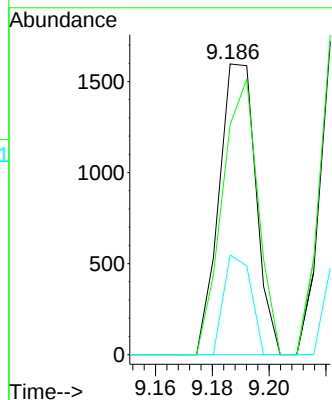
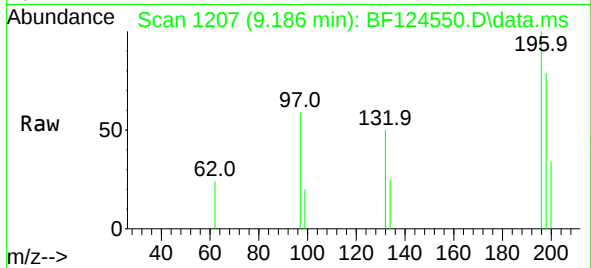




#43
2,4,6-Trichlorophenol
Concen: 4.111 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

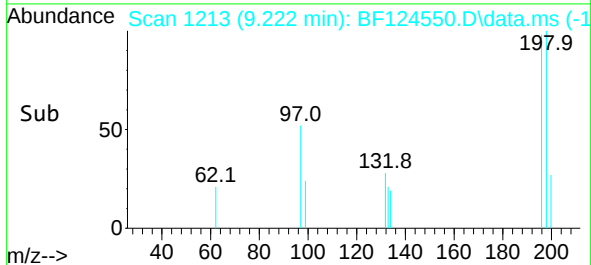
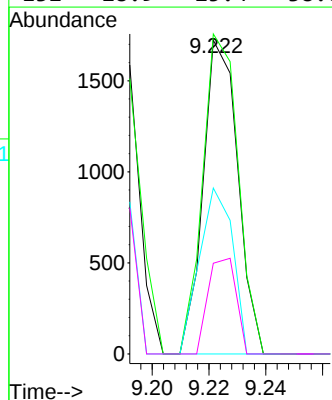
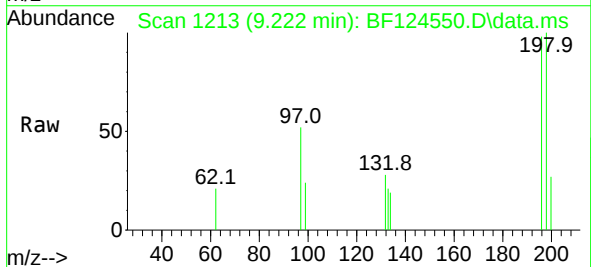
Instrument :
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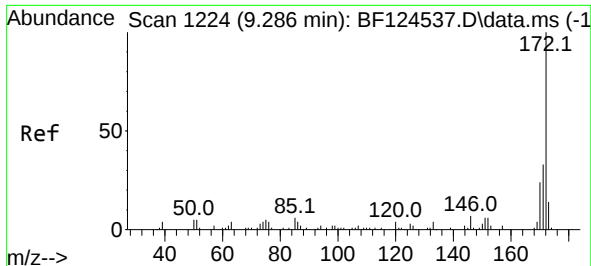
Tgt Ion:196 Resp: 1442
Ion Ratio Lower Upper
196 100
198 79.1 74.9 112.3
200 34.3 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 4.038 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.011 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:196 Resp: 1461
Ion Ratio Lower Upper
196 100
198 102.0 80.2 120.2
97 52.9 44.0 66.0
132 28.9 25.4 38.0

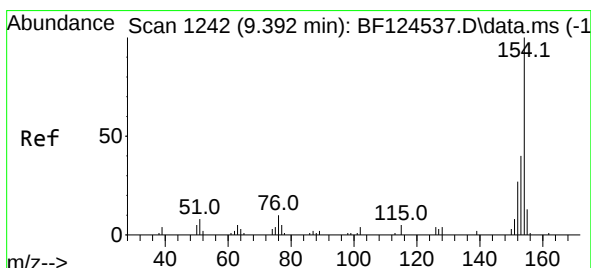
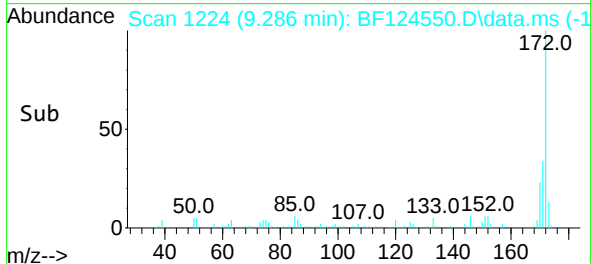
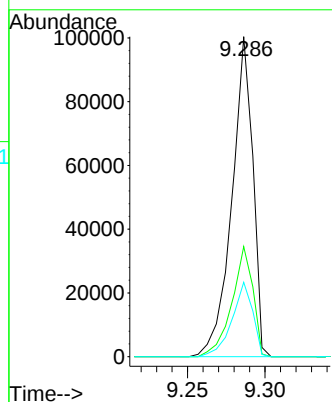
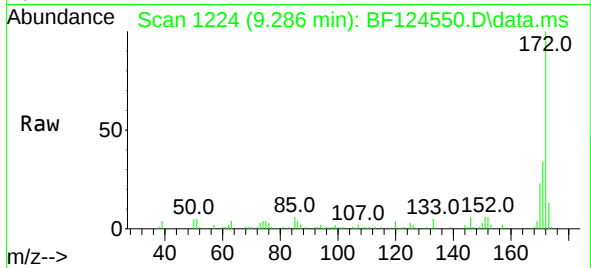




#45
2-Fluorobiphenyl
Concen: 75.431 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

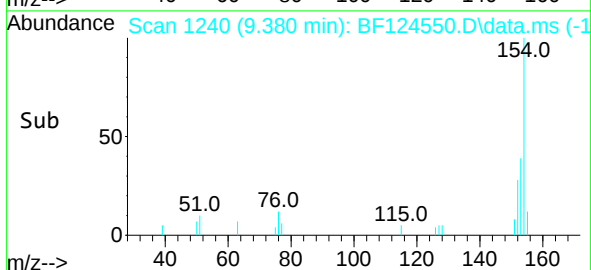
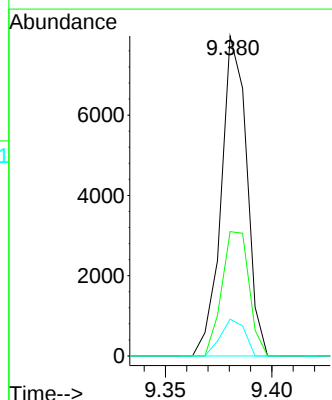
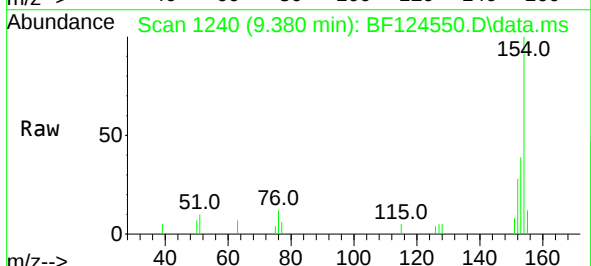
Instrument :
BNA_F
ClientSampleId :
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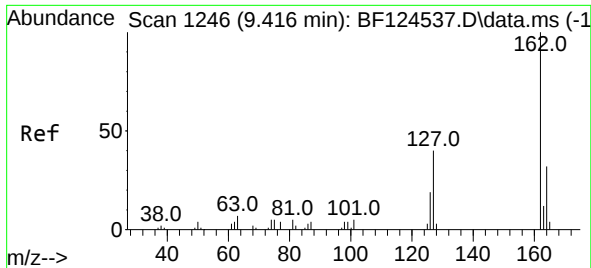
Tgt Ion:172	Resp:	94232
Ion Ratio	Lower	Upper
172	100	
171	34.4	26.5 39.7
170	23.3	18.8 28.2



#46
1,1'-Biphenyl
Concen: 4.801 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:154	Resp:	6643
Ion Ratio	Lower	Upper
154	100	
153	38.9	20.0 60.0
76	11.5	0.0 30.3

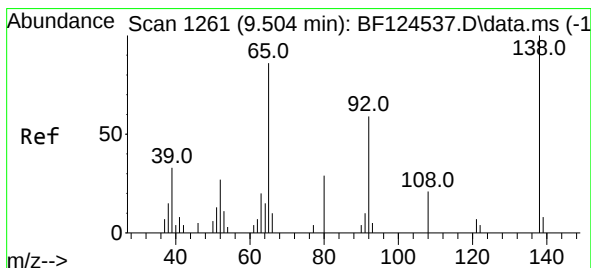
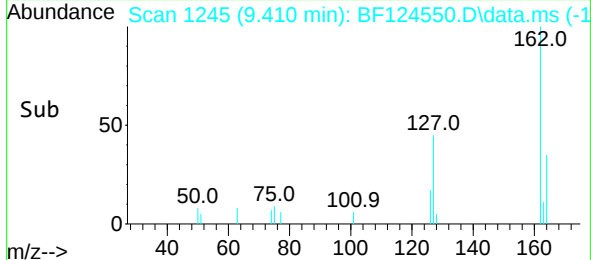
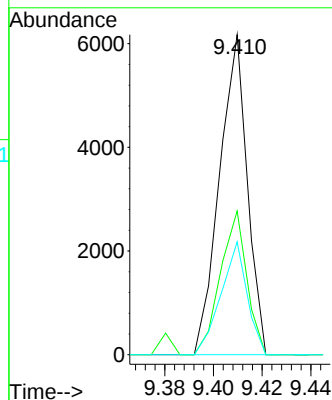
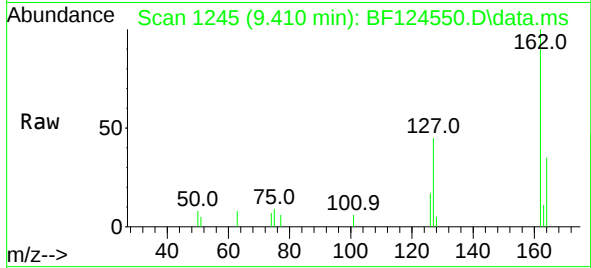




#47
2-Chloronaphthalene
Concen: 4.504 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

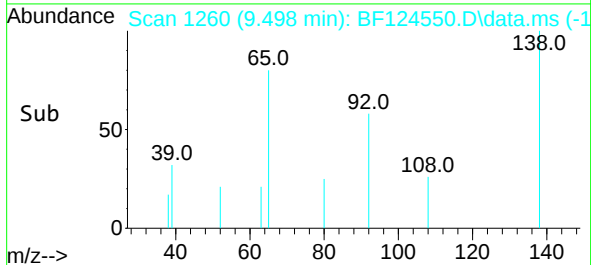
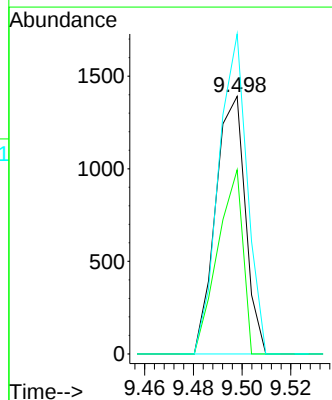
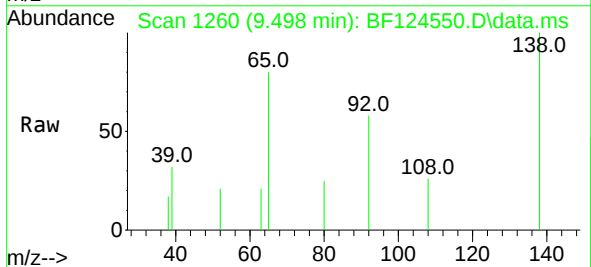
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

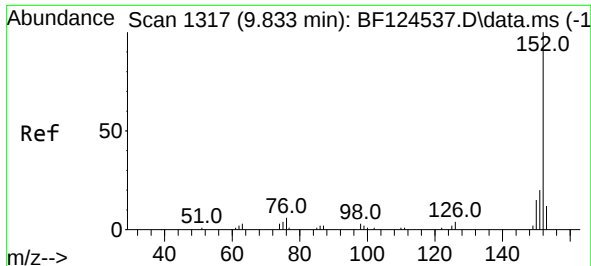
Tgt Ion:162	Resp:	4886
Ion Ratio	Lower	Upper
162	100	
127	44.9	33.0 49.4
164	35.3	25.8 38.8



#48
2-Nitroaniline
Concen: 4.527 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

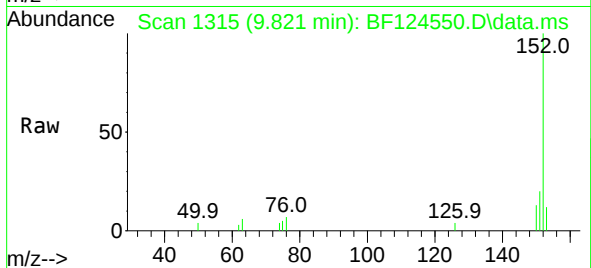
Tgt Ion: 65	Resp:	1181
Ion Ratio	Lower	Upper
65	100	
92	71.5	55.5 83.3
138	124.2	93.5 140.3



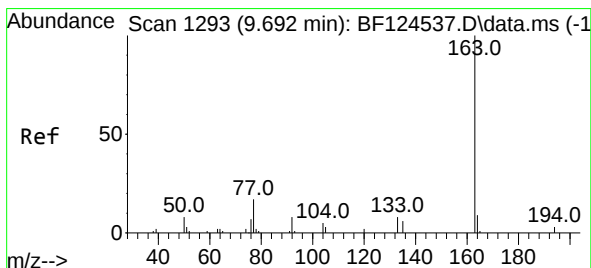
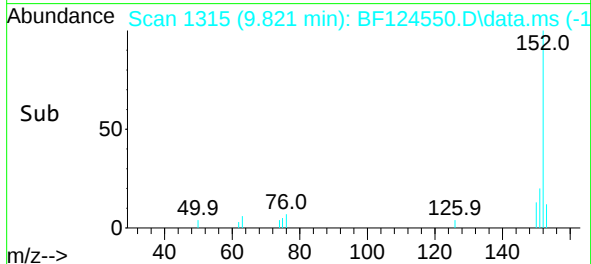
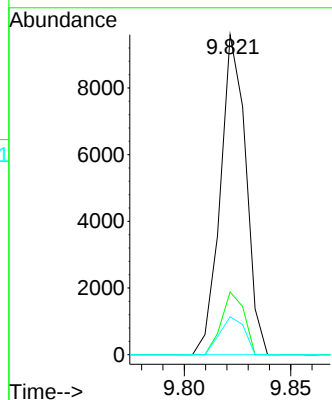


#49
Acenaphthylene
Concen: 4.710 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

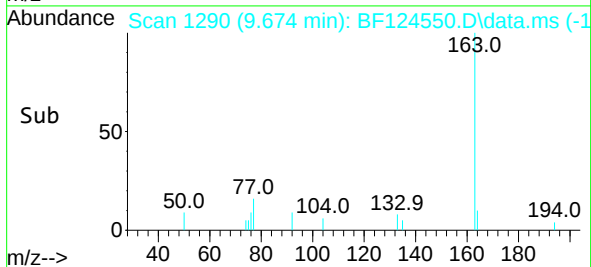
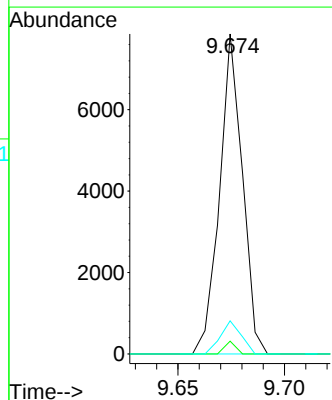
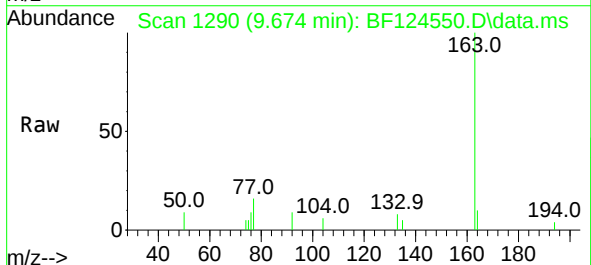


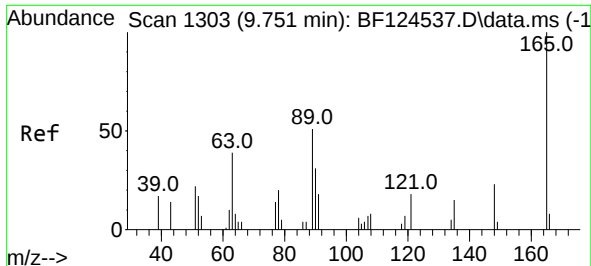
Tgt Ion:152 Resp: 7973
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 11.8 9.8 14.8



#50
Dimethylphthalate
Concen: 4.613 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.018 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:163 Resp: 5847
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 10.4 7.4 11.0

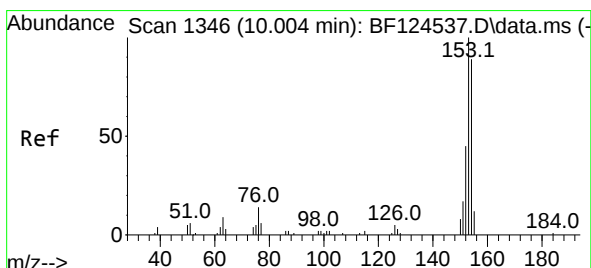
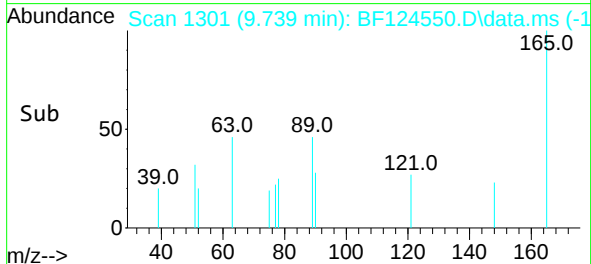
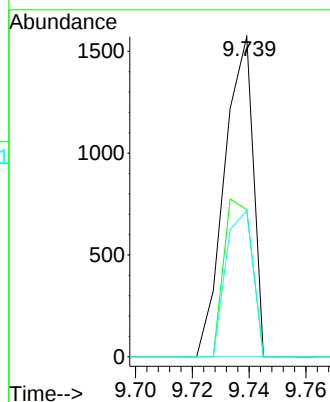
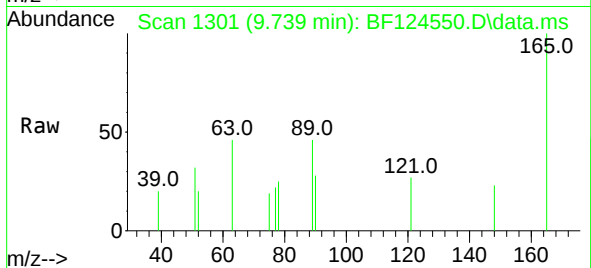




#51
2,6-Dinitrotoluene
Concen: 4.403 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

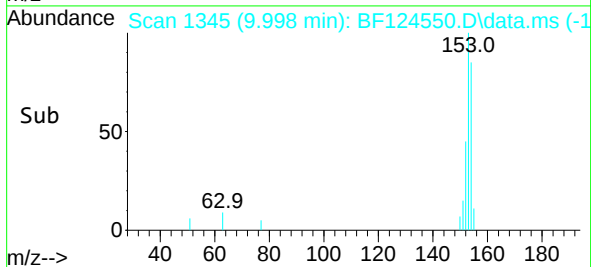
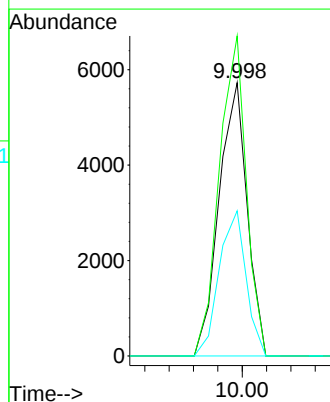
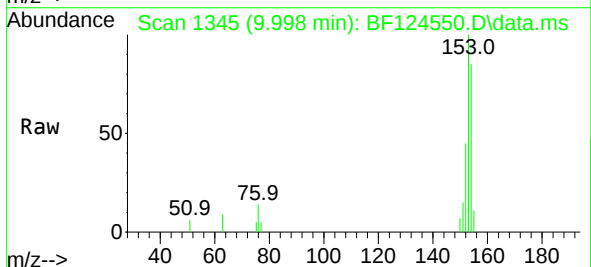
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

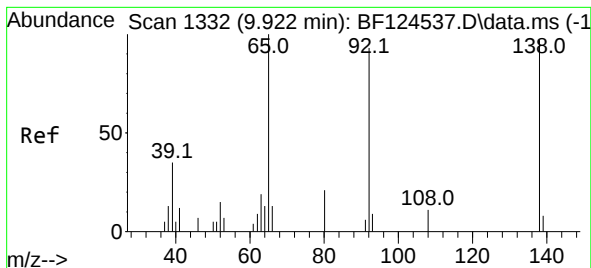
Tgt Ion:165 Resp: 1100
Ion Ratio Lower Upper
165 100
63 45.9 42.6 63.8
89 45.7 40.6 60.8



#52
Acenaphthene
Concen: 4.229 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:154 Resp: 4578
Ion Ratio Lower Upper
154 100
153 117.1 89.4 134.2
152 53.1 40.5 60.7

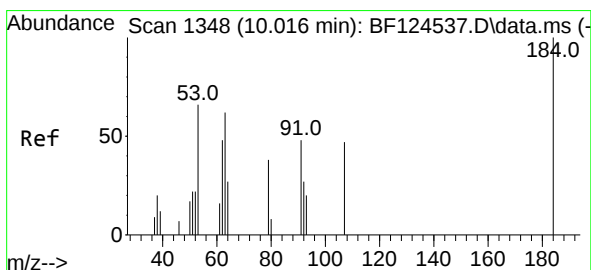
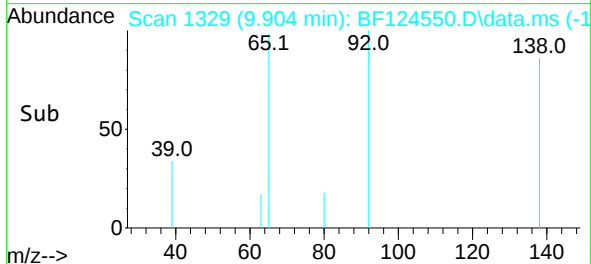
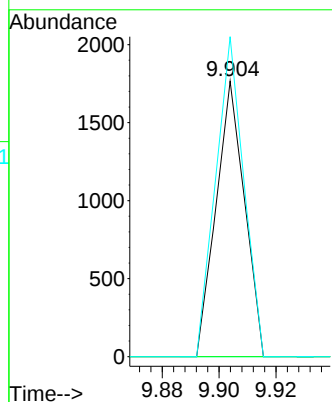
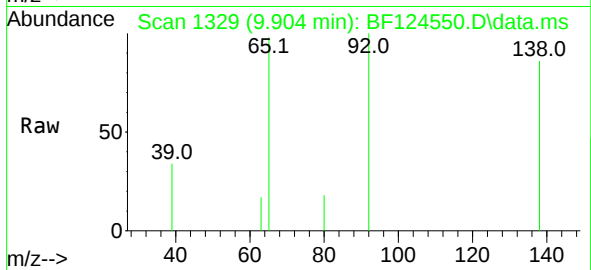




#53
3-Nitroaniline
Concen: 4.390 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.018 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

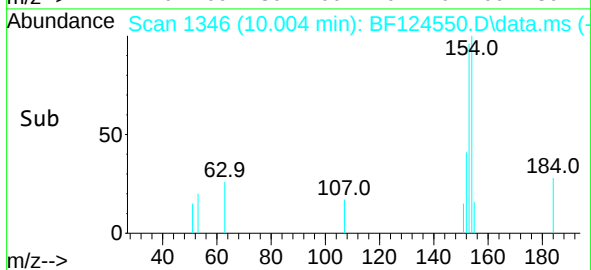
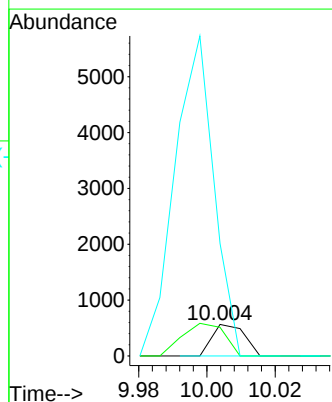
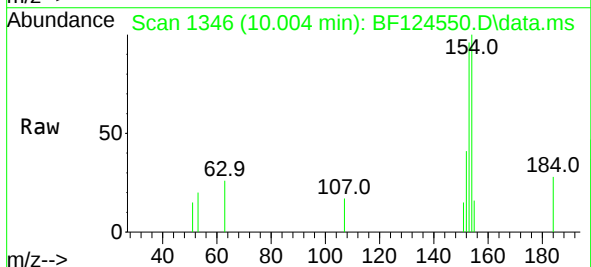
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

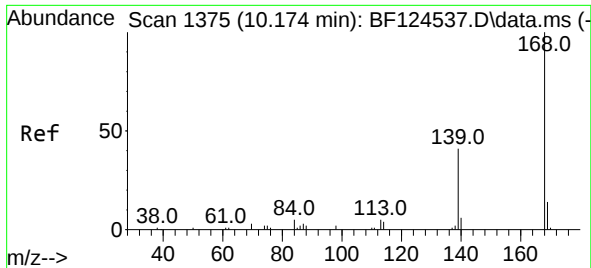
Tgt Ion:138 Resp: 1224
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 116.1 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 2.846 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:184 Resp: 371
Ion Ratio Lower Upper
184 100
63 91.1 59.3 88.9#
154 357.3 68.6 102.8#

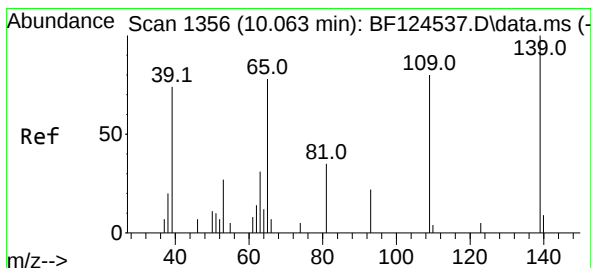
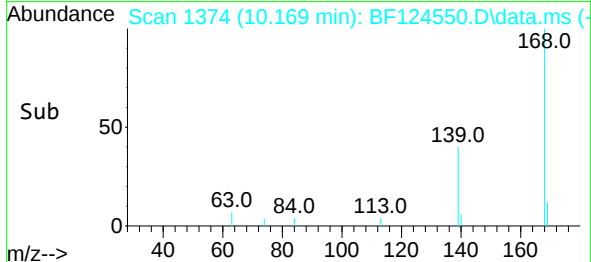
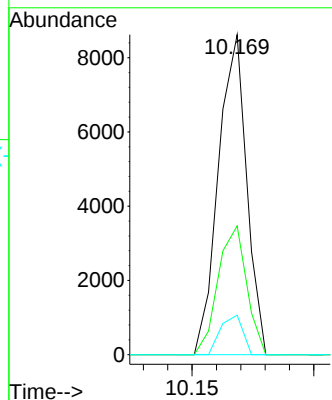
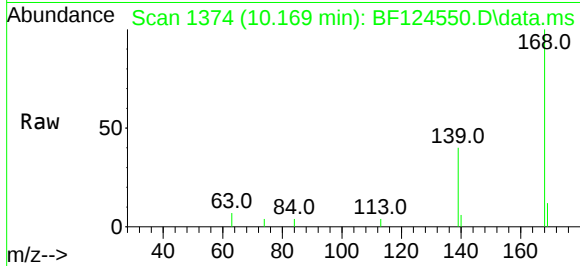




#55
Dibenzenofuran
Concen: 4.368 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

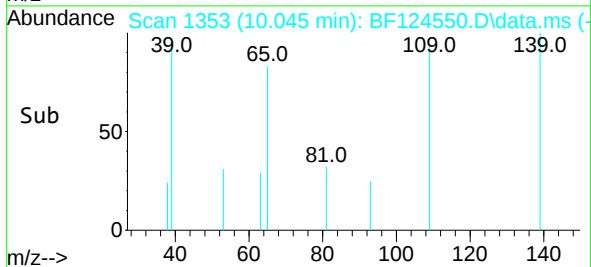
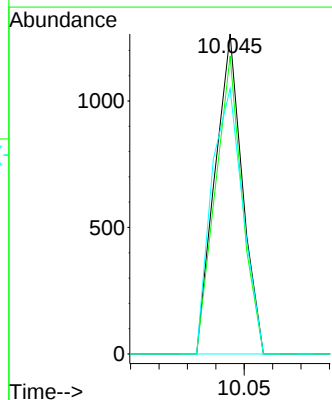
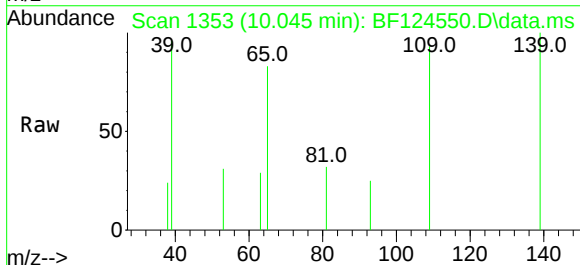
Instrument :
BNA_F
ClientSampleId :
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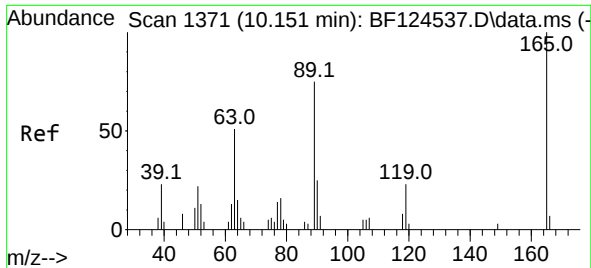
Tgt Ion:168 Resp: 6951
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1
169 12.4 11.2 16.8



#56
4-Nitrophenol
Concen: 3.637 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.018 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

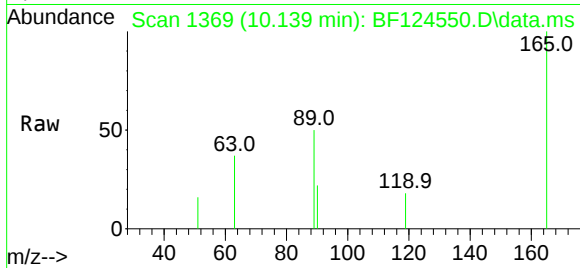
Tgt Ion:139 Resp: 844
Ion Ratio Lower Upper
139 100
109 93.0 60.4 100.4
65 82.9 58.4 98.4



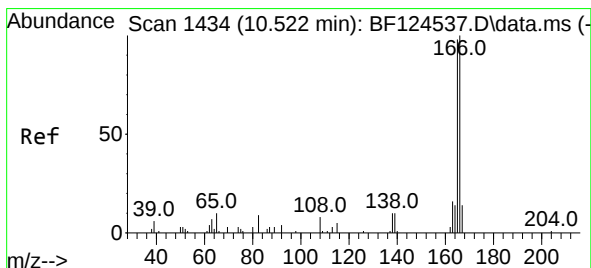
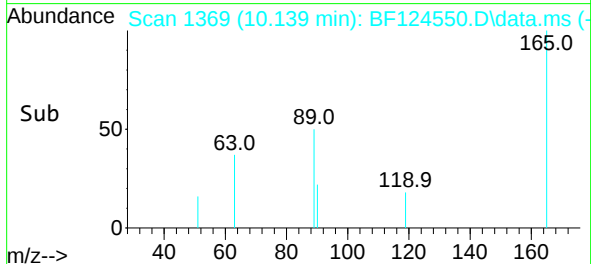
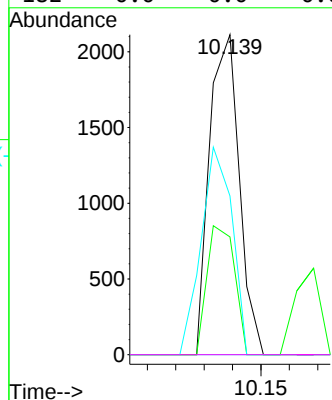


#57
2,4-Dinitrotoluene
Concen: 4.496 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

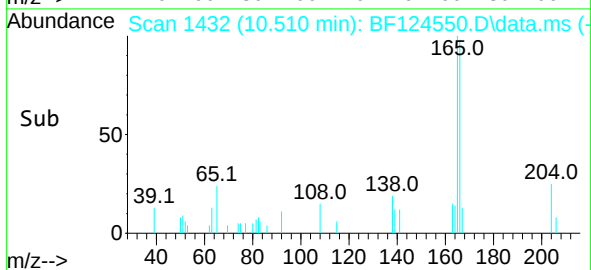
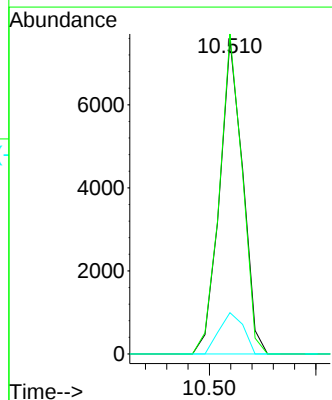
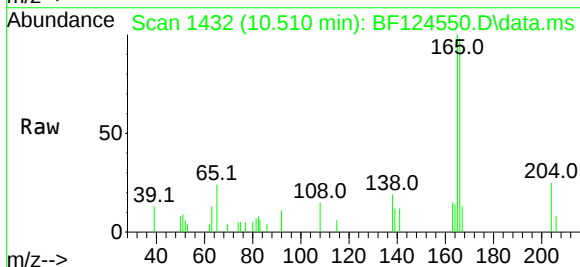


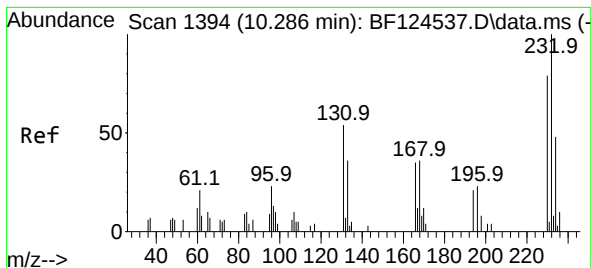
Tgt Ion:165 Resp: 1538
Ion Ratio Lower Upper
165 100
63 36.8 40.9 61.3#
89 49.6 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: 4.648 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:166 Resp: 5722
Ion Ratio Lower Upper
166 100
165 101.8 78.1 117.1
167 13.1 11.1 16.7

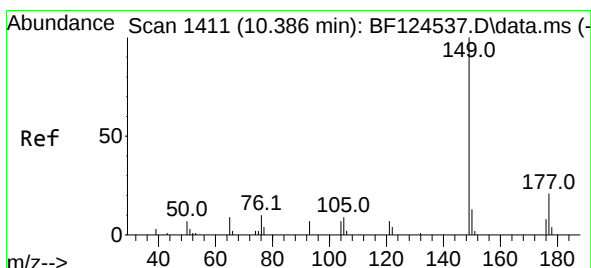
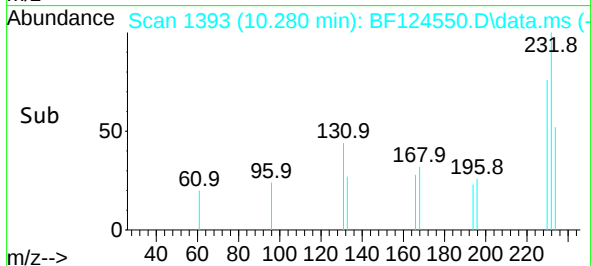
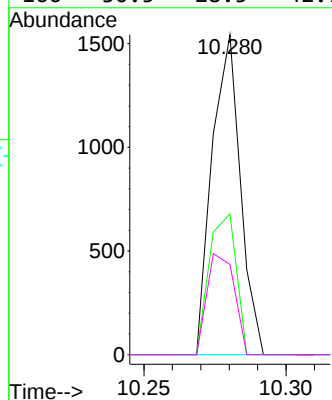
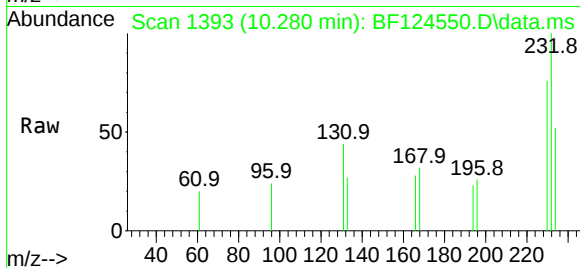




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.812 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

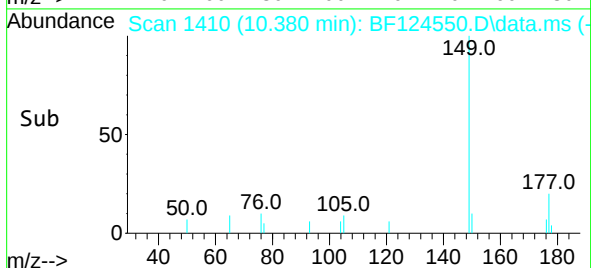
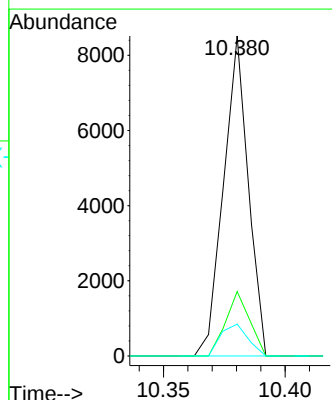
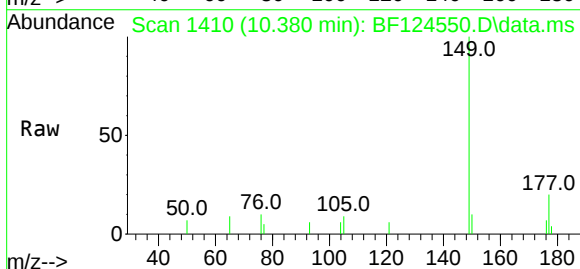
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

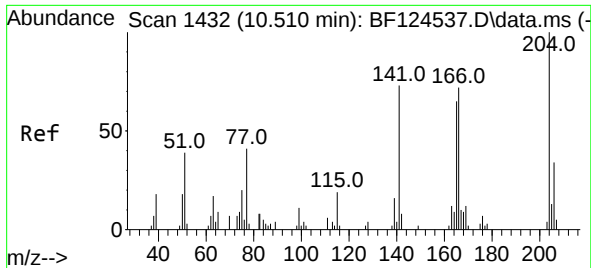
Tgt Ion:232 Resp: 1065
Ion Ratio Lower Upper
232 100
131 42.1 45.4 68.0#
130 0.0 0.0 0.0
166 30.5 28.5 42.7



#60
Diethylphthalate
Concen: 4.524 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:149 Resp: 5995
Ion Ratio Lower Upper
149 100
177 20.1 16.5 24.7
150 10.0 10.1 15.1#

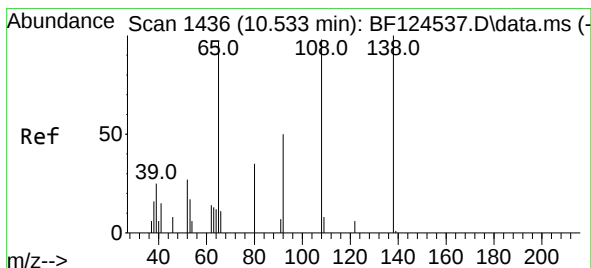
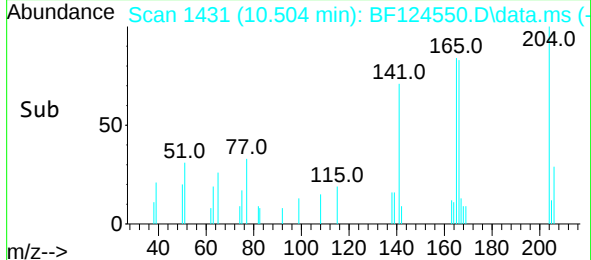
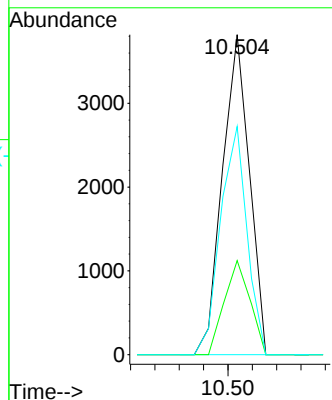
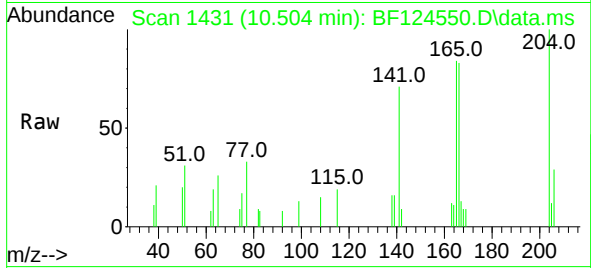




#61
4-Chlorophenyl-phenylether
Concen: 5.249 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

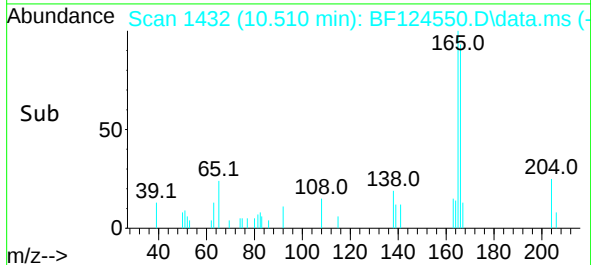
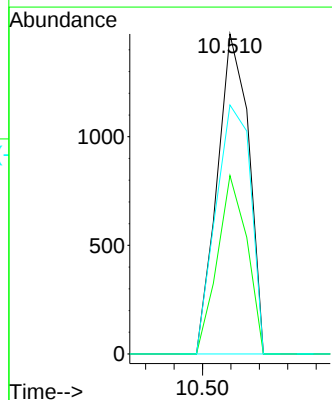
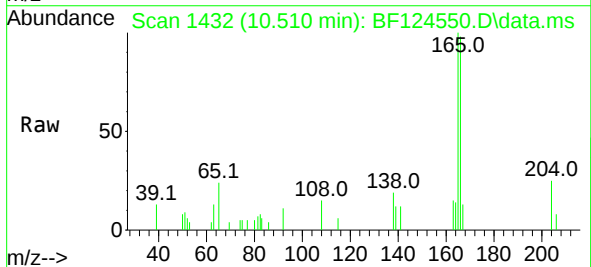
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

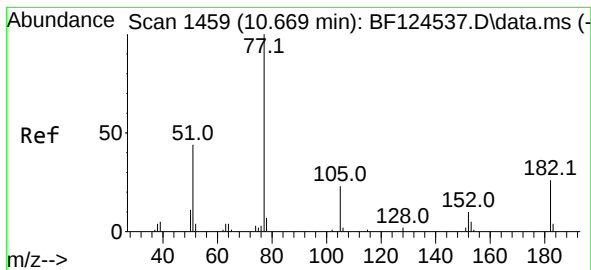
Tgt Ion:	204	Resp:	2933
Ion	Ratio	Lower	Upper
204	100		
206	29.4	27.6	41.4
141	71.3	58.6	88.0



#62
4-Nitroaniline
Concen: 4.028 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.024 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:	138	Resp:	1132
Ion	Ratio	Lower	Upper
138	100		
92	55.7	29.6	69.6
108	77.8	78.1	118.1#

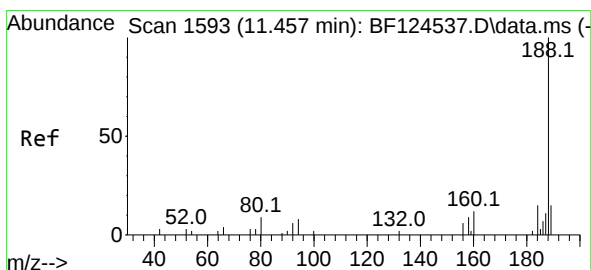
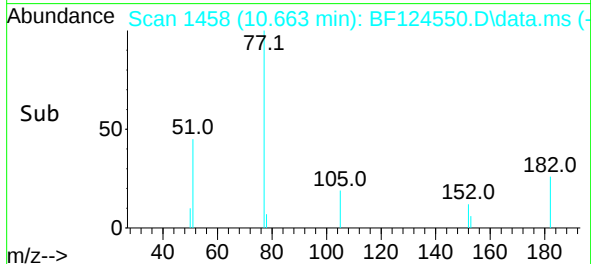
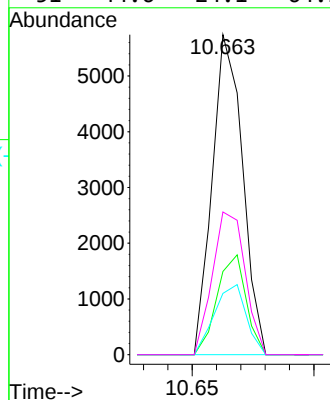
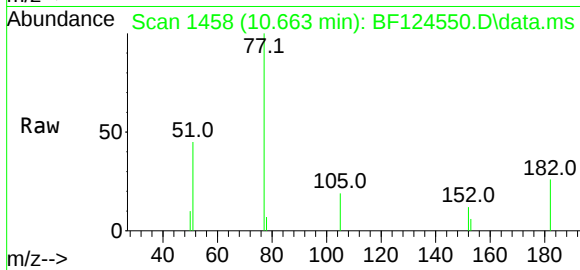




#63
Azobenzene
Concen: 4.287 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

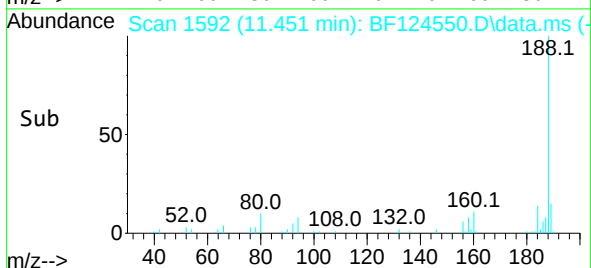
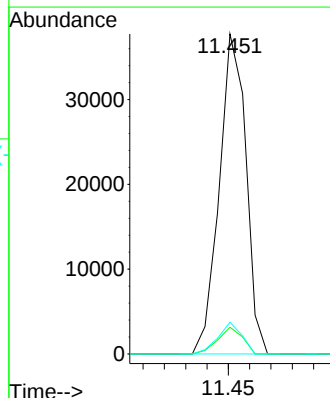
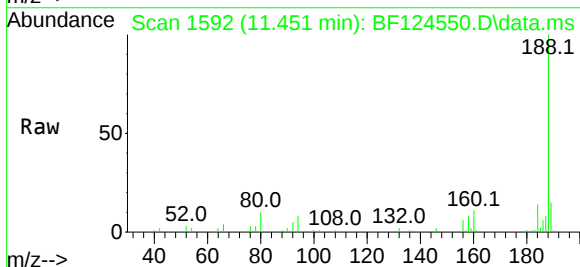
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

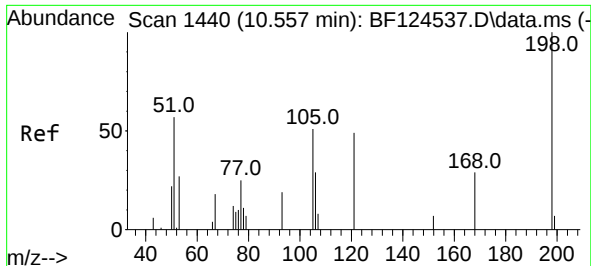
Tgt Ion: 77	Resp: 4966
Ion Ratio	Lower Upper
77 100	
182 26.0	6.3 46.3
105 19.2	2.9 42.9
51 44.6	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:188	Resp:	32763	
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.9	7.5	11.3

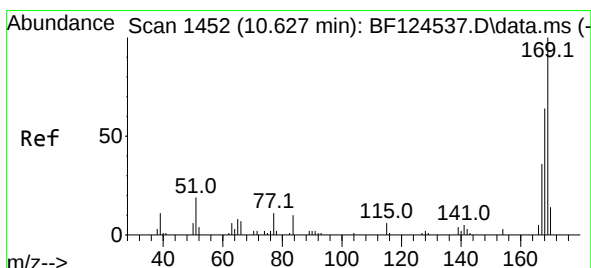
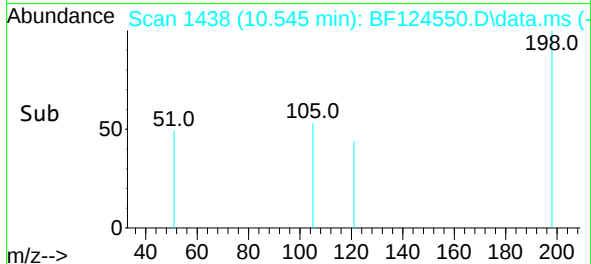
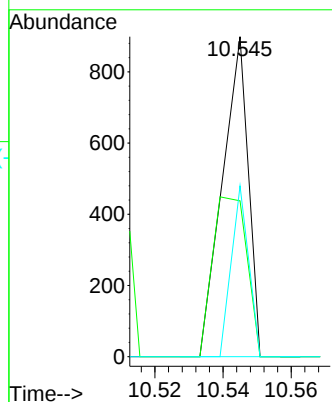
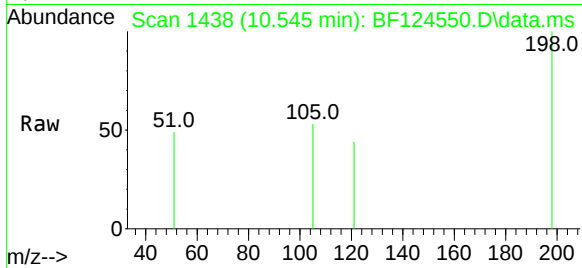




#65
4,6-Dinitro-2-methylphenol
Concen: 2.533 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

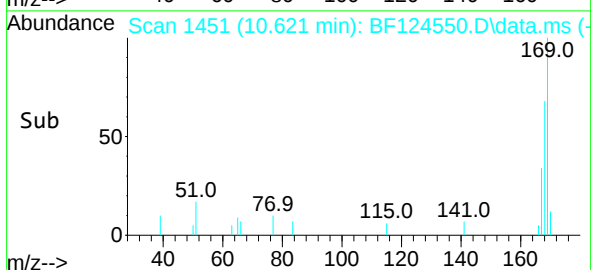
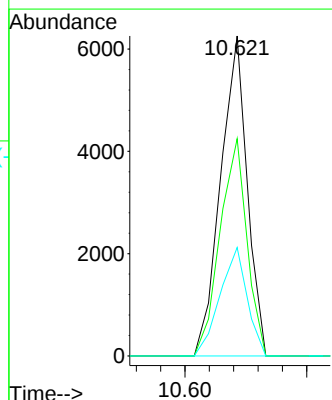
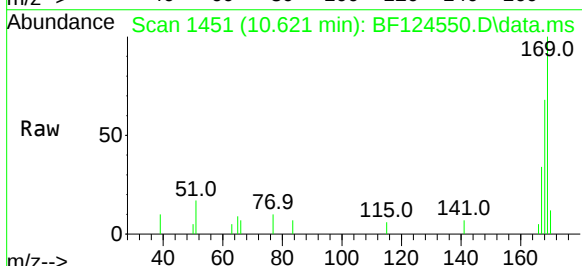
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

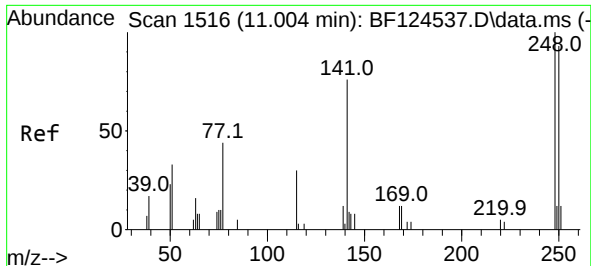
Tgt Ion:198 Resp: 474
Ion Ratio Lower Upper
198 100
51 48.7 45.3 85.3
105 53.4 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 4.443 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:169 Resp: 4740
Ion Ratio Lower Upper
169 100
168 67.9 50.8 76.2
167 33.9 28.8 43.2

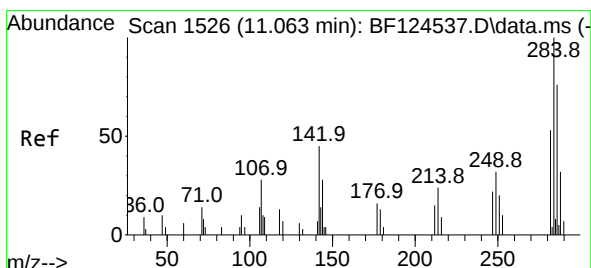
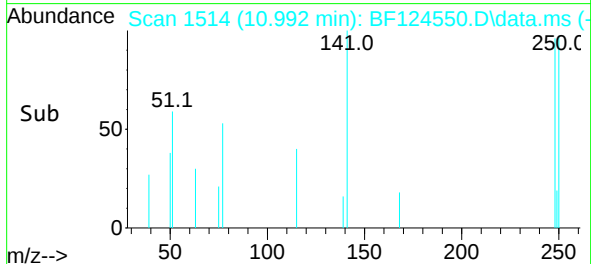
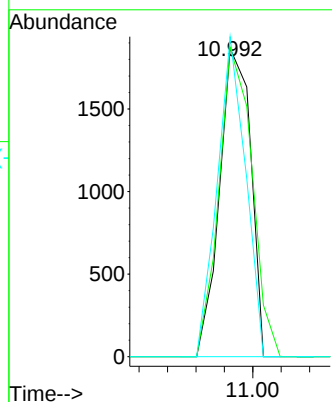
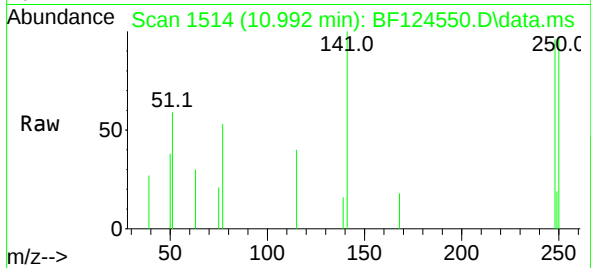




#67
4-Bromophenyl-phenylether
Concen: 4.189 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

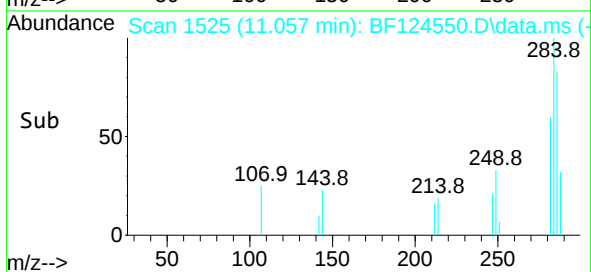
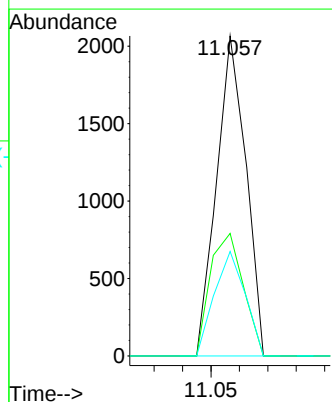
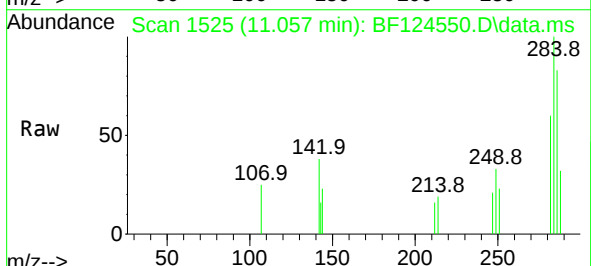
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

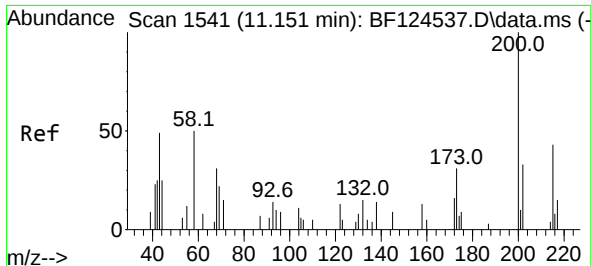
Tgt Ion:248 Resp: 1419
Ion Ratio Lower Upper
248 100
250 100.4 74.2 111.4
141 103.7 60.4 90.6#



#68
Hexachlorobenzene
Concen: 4.261 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:284 Resp: 1479
Ion Ratio Lower Upper
284 100
142 38.3 36.4 54.6
249 32.7 25.6 38.4

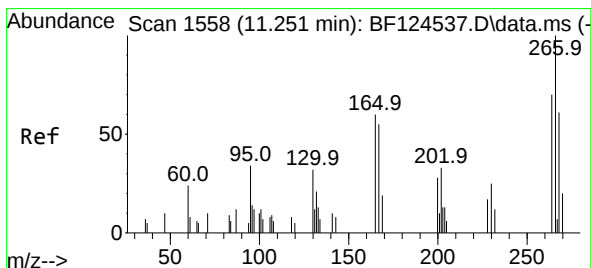
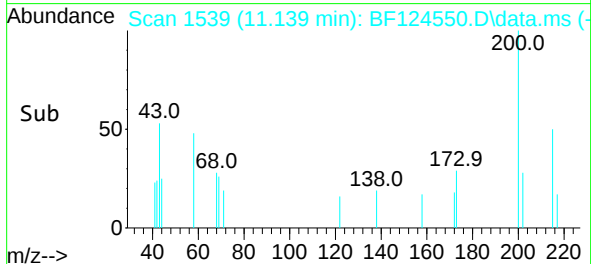
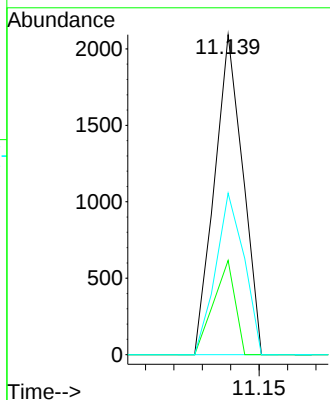
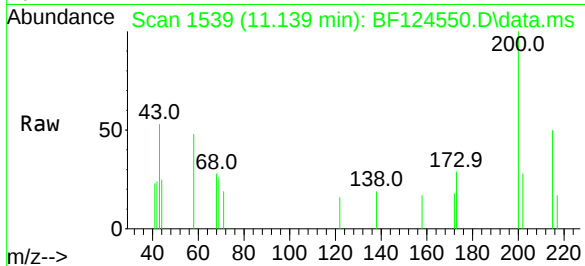




#69
Atrazine
Concen: 4.432 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

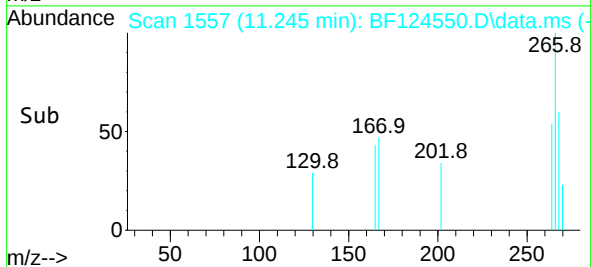
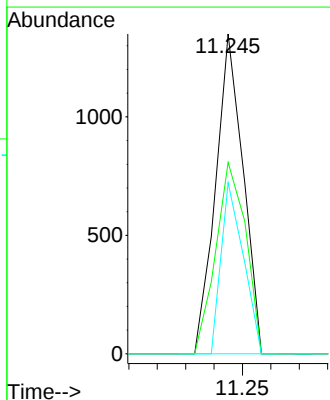
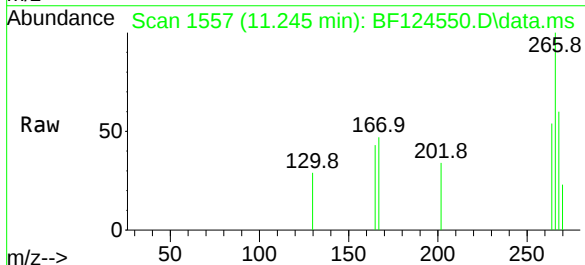
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

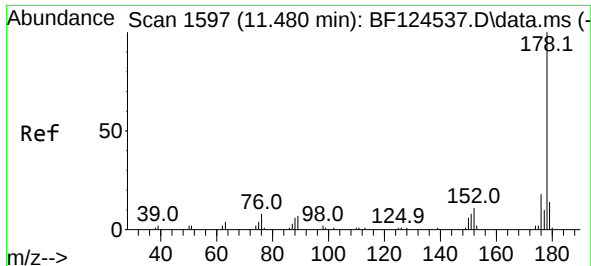
Tgt Ion:200 Resp: 1448
Ion Ratio Lower Upper
200 100
173 29.4 11.1 51.1
215 50.5 22.7 62.7



#70
Pentachlorophenol
Concen: 4.131 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:266 Resp: 907
Ion Ratio Lower Upper
266 100
268 59.9 48.9 73.3
264 53.6 55.9 83.9#

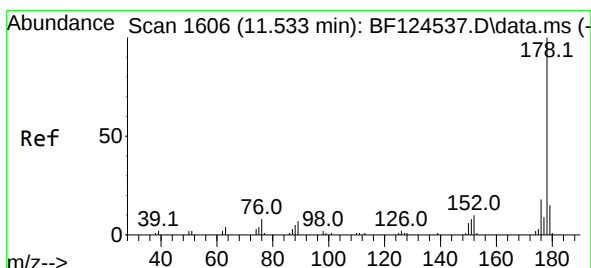
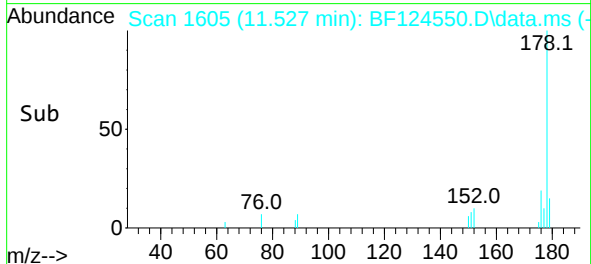
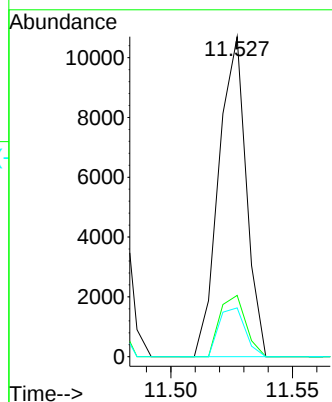
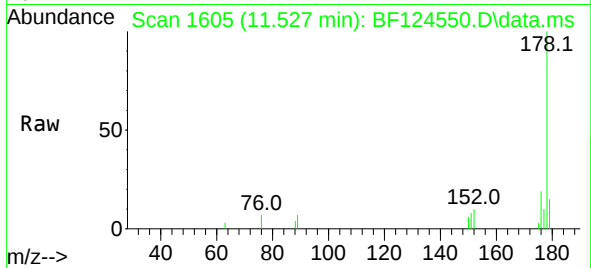




#71
Phenanthrene
Concen: 4.691 ng
RT: 11.527 min Scan# 1605
Delta R.T. 0.047 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

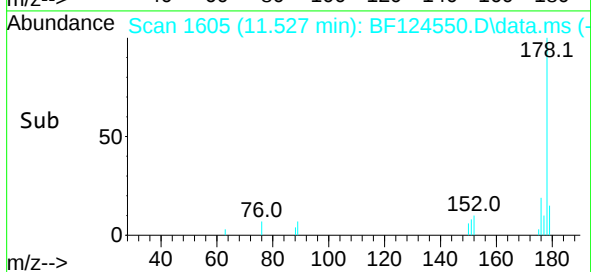
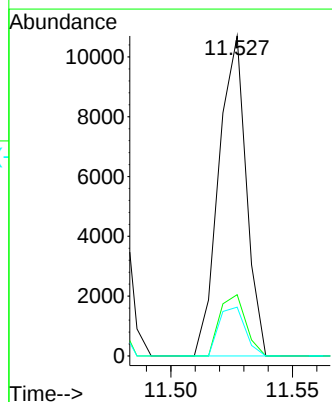
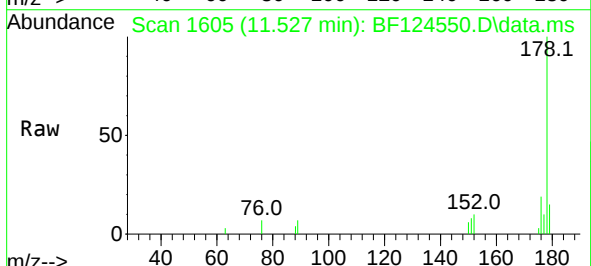
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

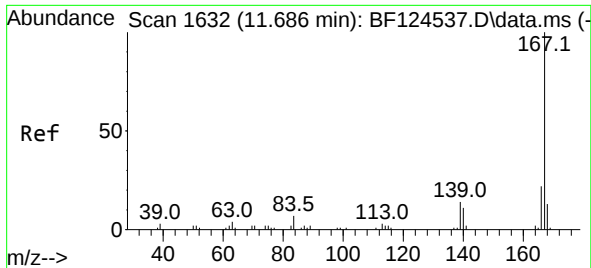
Tgt Ion:178 Resp: 8385
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.3 11.5 17.3



#72
Anthracene
Concen: 4.676 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

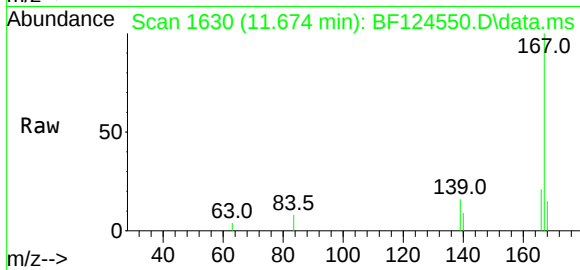
Tgt Ion:178 Resp: 8385
Ion Ratio Lower Upper
178 100
176 19.2 14.3 21.5
179 15.3 12.2 18.4



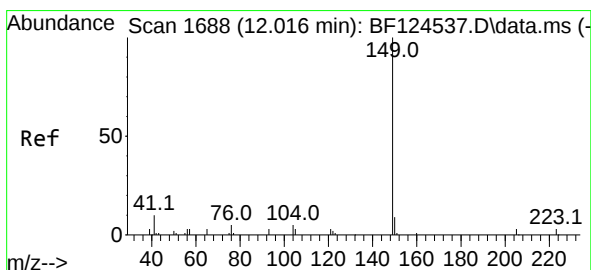
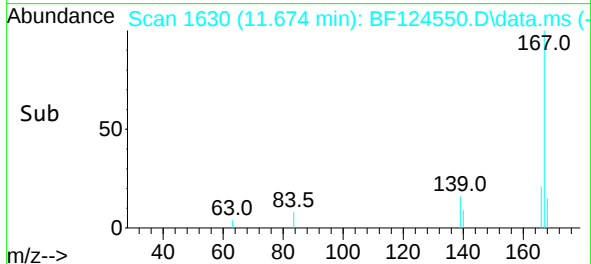
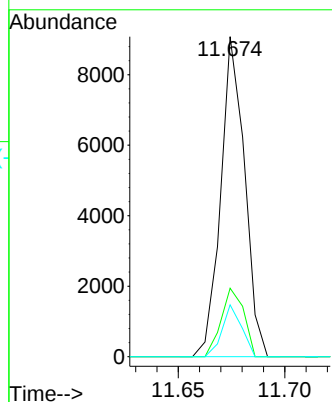


#73
Carbazole
Concen: 4.271 ng
RT: 11.674 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

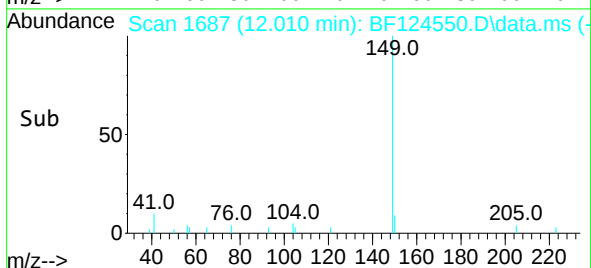
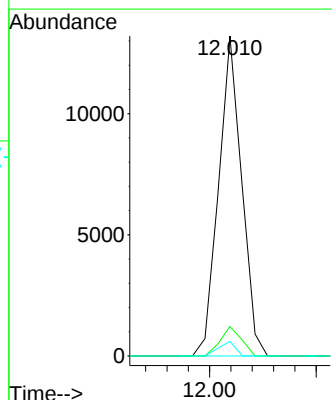
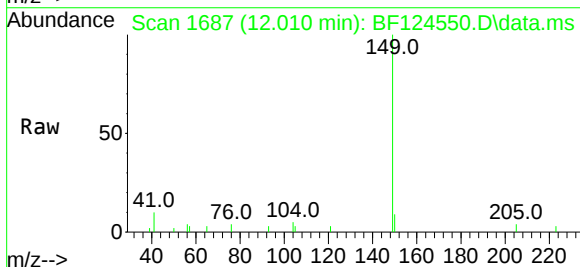


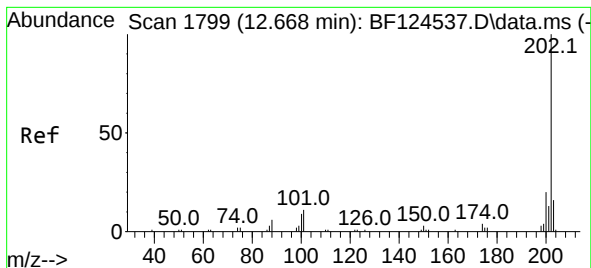
Tgt Ion:167 Resp: 7077
Ion Ratio Lower Upper
167 100
166 21.4 17.4 26.0
139 16.2 11.0 16.4



#74
Di-n-butylphthalate
Concen: 4.442 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:149 Resp: 9915
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.6 4.1 6.1

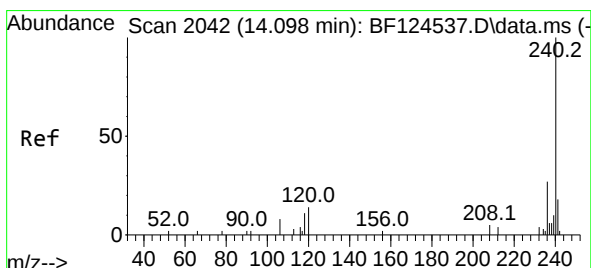
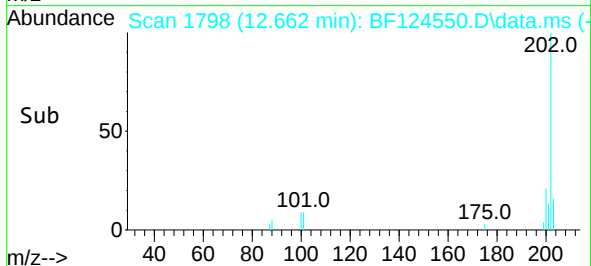
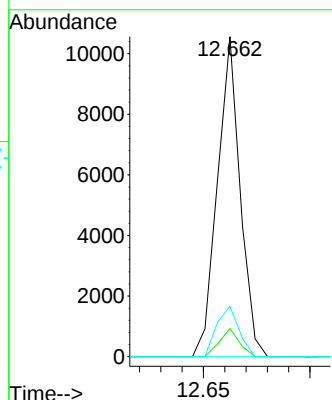
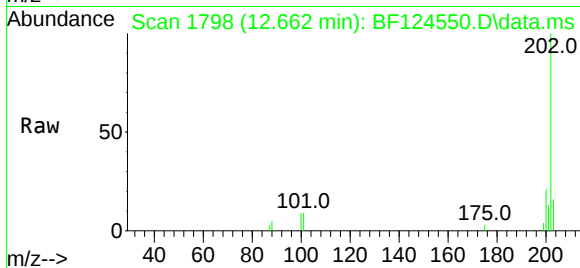




#75
Fluoranthene
Concen: 4.339 ng
RT: 12.662 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

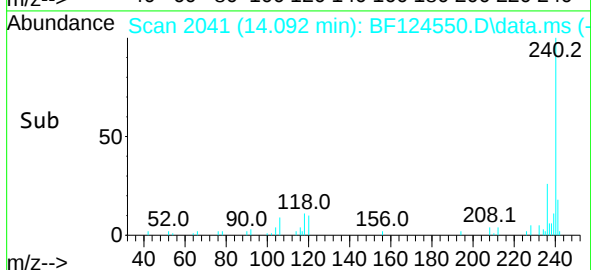
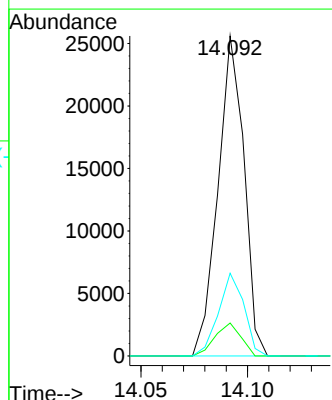
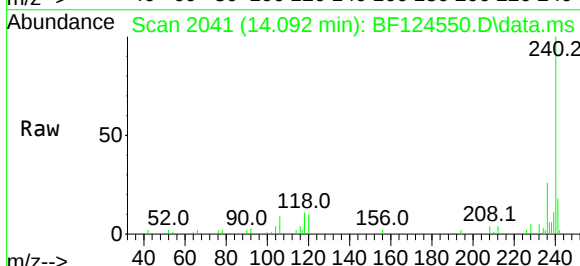
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

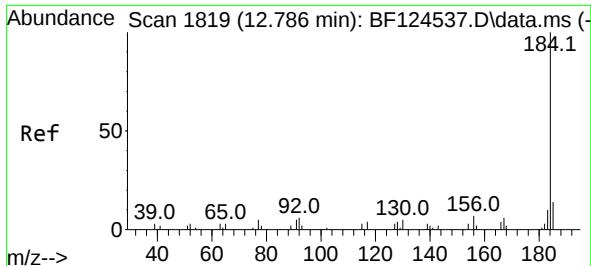
Tgt Ion:	202	Resp:	7825
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.7
203	15.7	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:	240	Resp:	21725
Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.8	16.2#
236	25.8	21.6	32.4

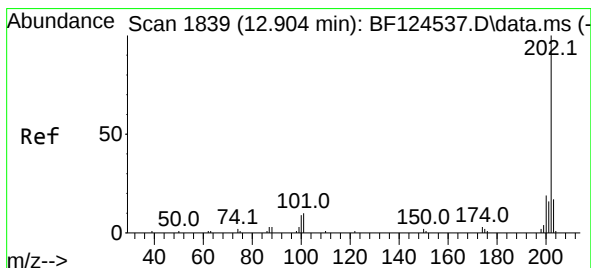
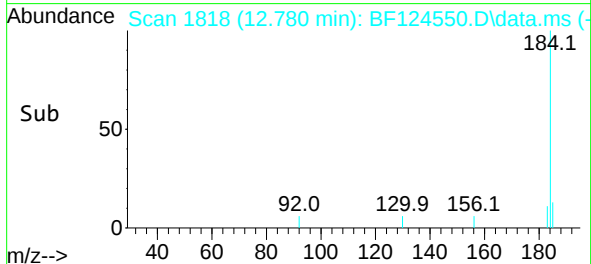
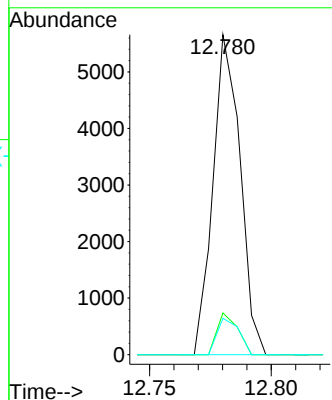
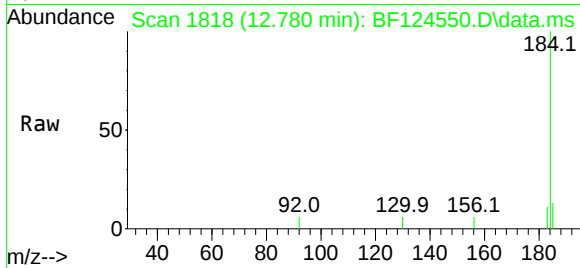




#77
Benzidine
Concen: 5.400 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

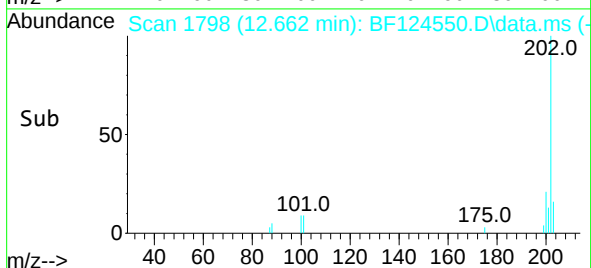
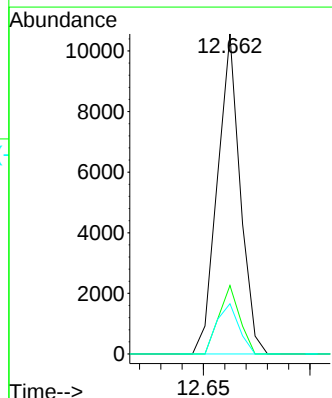
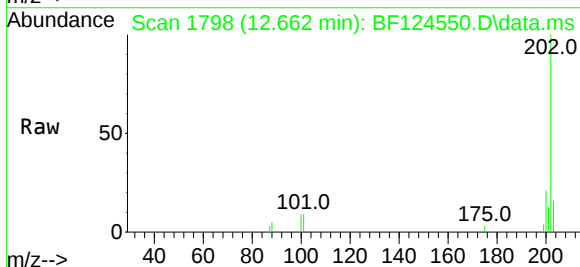
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

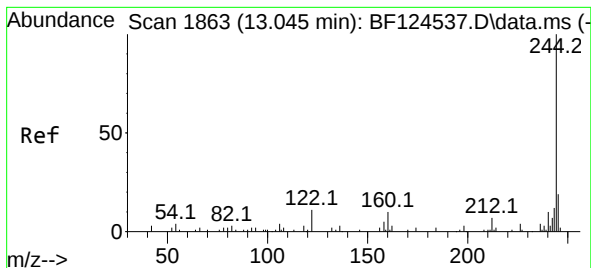
Tgt Ion:184 Resp: 4386
Ion Ratio Lower Upper
184 100
185 13.0 10.8 16.2
183 11.4 8.1 12.1



#78
Pyrene
Concen: 4.335 ng
RT: 12.662 min Scan# 1798
Delta R.T. -0.242 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:202 Resp: 7825
Ion Ratio Lower Upper
202 100
200 21.4 15.3 22.9
203 15.7 13.4 20.0

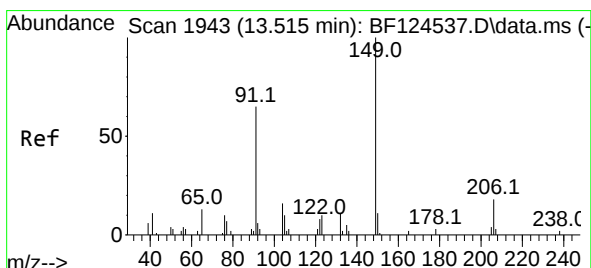
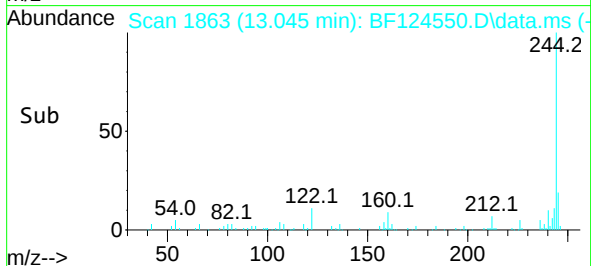
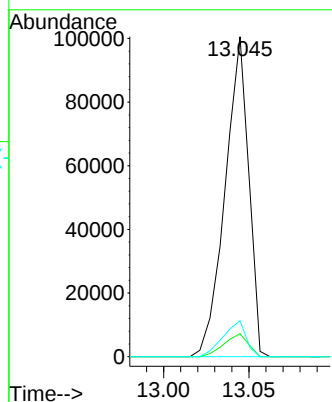
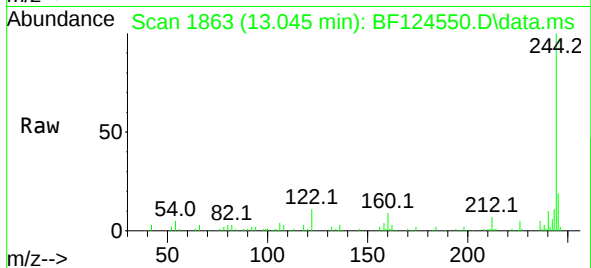




#79
 Terphenyl-d14
 Concen: 74.535 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF124550.D
 Acq: 13 Jul 2021 17:31

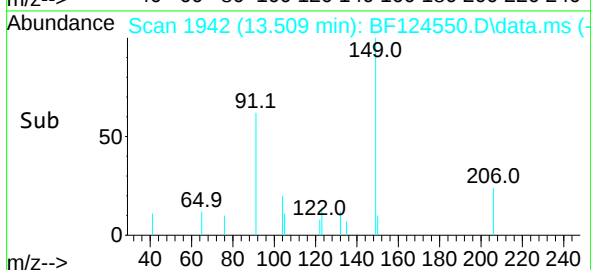
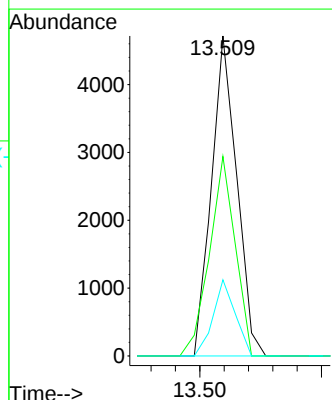
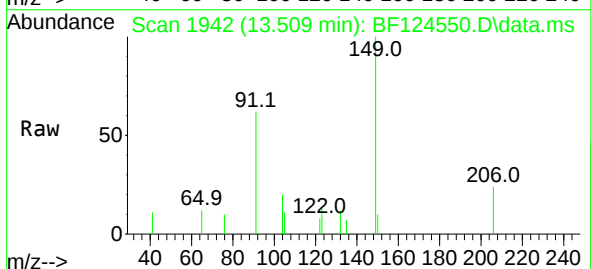
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

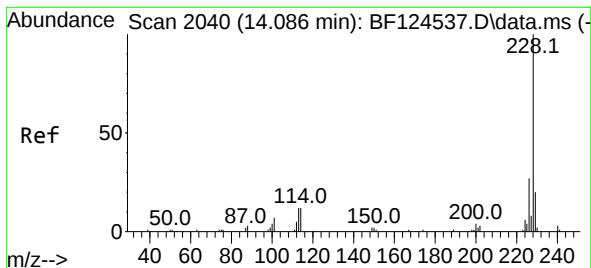
Tgt Ion:244	Resp:	96431
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.9 8.9
122	11.2	9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.894 ng
 RT: 13.509 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: BF124550.D
 Acq: 13 Jul 2021 17:31

Tgt Ion:149	Resp:	3398
Ion Ratio	Lower	Upper
149	100	
91	62.4	51.8 77.8
206	23.8	14.5 21.7#

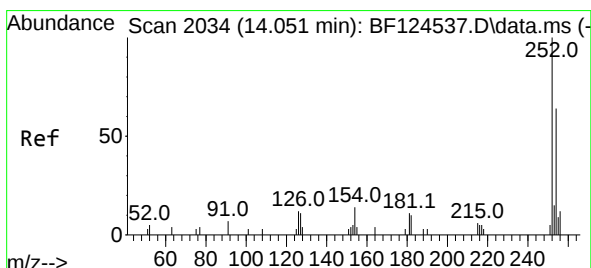
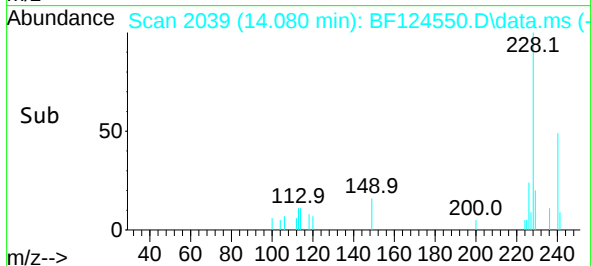
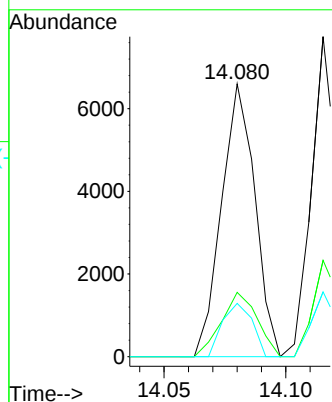
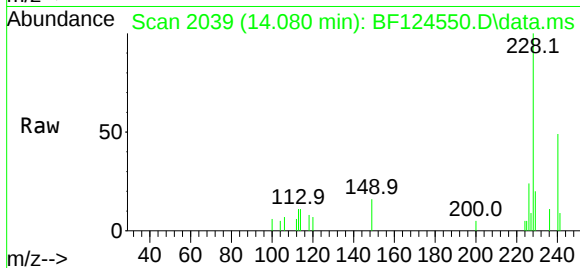




#81
Benzo(a)anthracene
Concen: 4.364 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

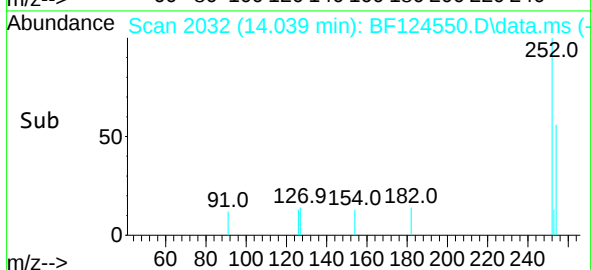
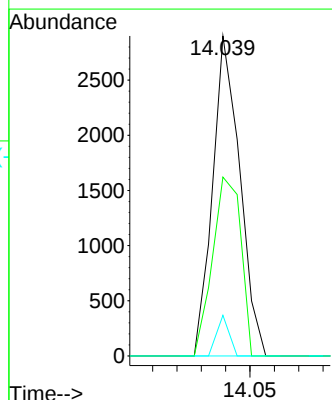
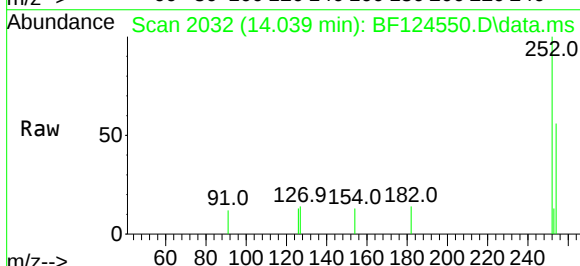
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

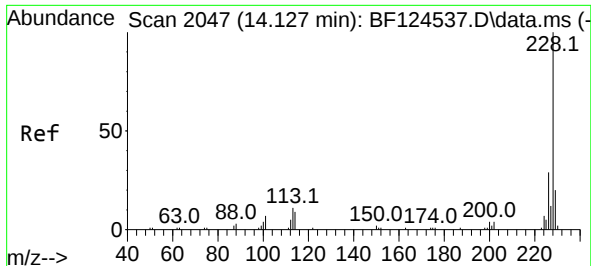
Tgt Ion:228	Resp: 6287
Ion Ratio	Lower Upper
228 100	
226 23.6	21.6 32.4
229 19.5	15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 5.962 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:252	Resp: 2250
Ion Ratio	Lower Upper
252 100	
254 55.9	51.4 77.0
126 12.7	9.5 14.3

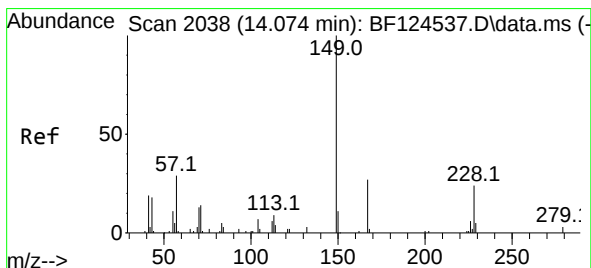
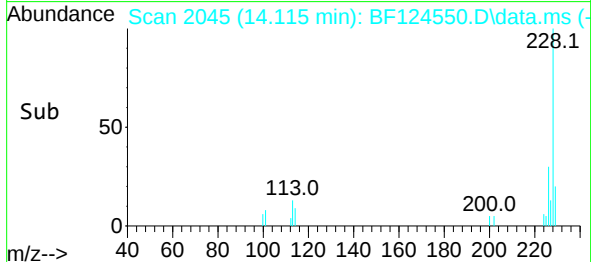
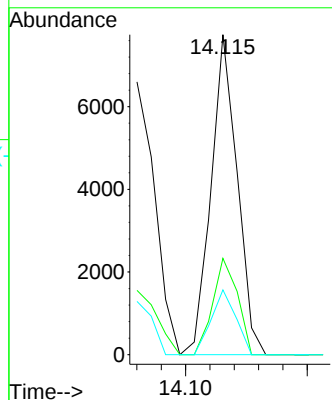
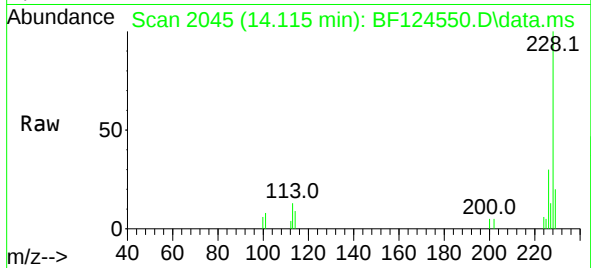




#83
Chrysene
Concen: 4.186 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

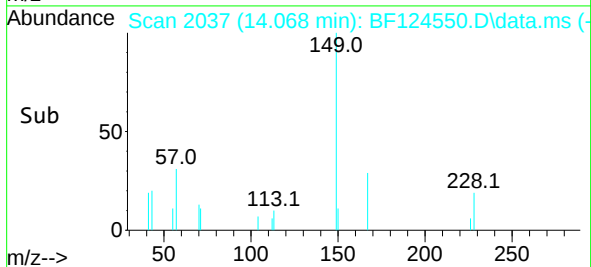
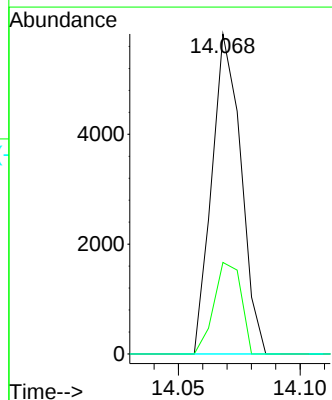
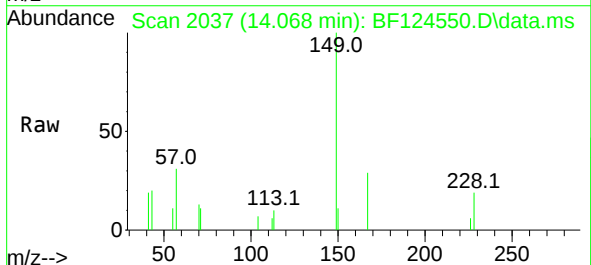
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

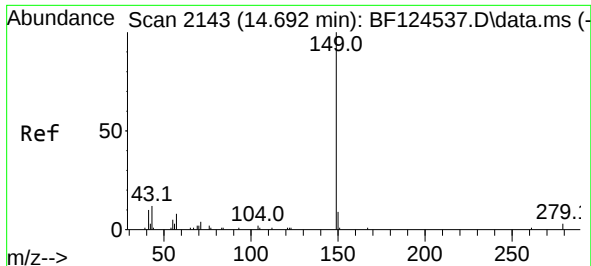
Tgt Ion:228 Resp: 5778
Ion Ratio Lower Upper
228 100
226 30.1 22.6 34.0
229 20.3 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.137 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

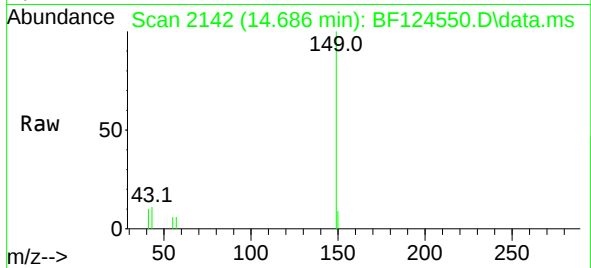
Tgt Ion:149 Resp: 4847
Ion Ratio Lower Upper
149 100
167 28.6 21.4 32.0
279 0.0 2.6 4.0#



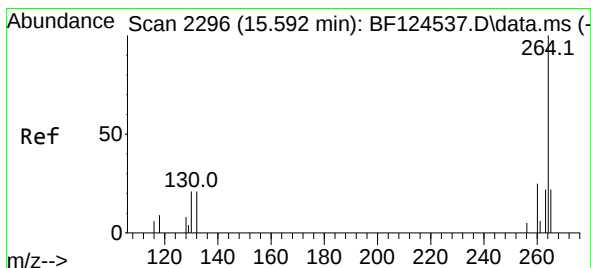
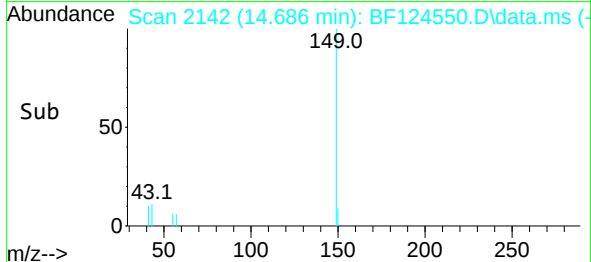
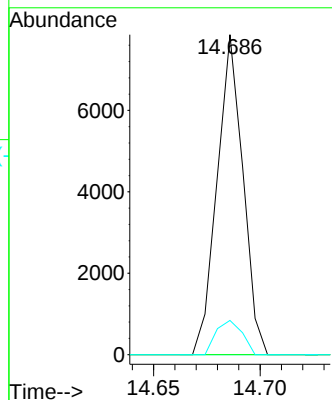


#85
Di-n-octyl phthalate
Concen: 3.909 ng
RT: 14.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

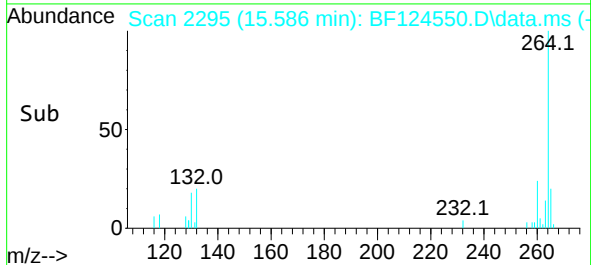
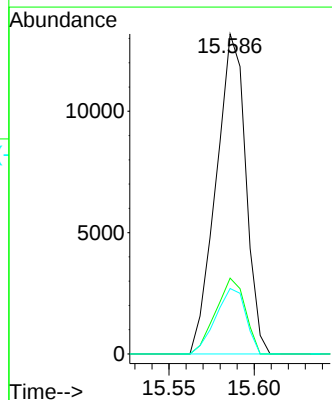
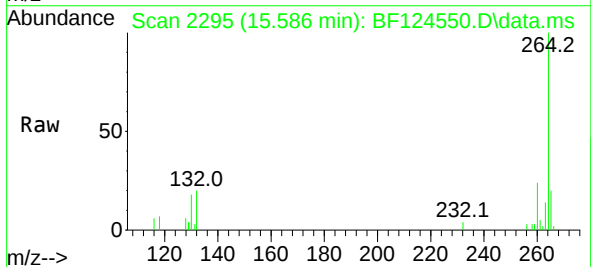


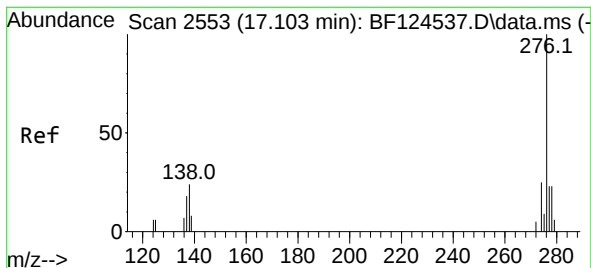
Tgt Ion:149 Resp: 6627
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 10.8 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:264 Resp: 15956
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 20.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.057 ng

RT: 17.086 min Scan# 2550

Delta R.T. -0.018 min

Lab File: BF124550.D

Acq: 13 Jul 2021 17:31

Tgt Ion:276 Resp: 3754

Ion Ratio Lower Upper

276 100

138 13.0 24.1 36.1#

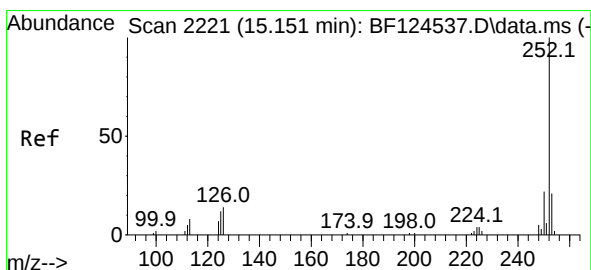
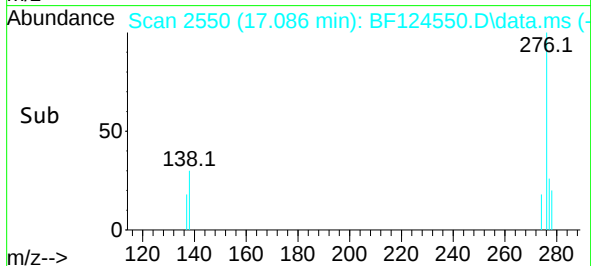
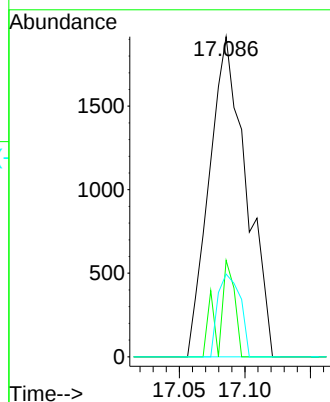
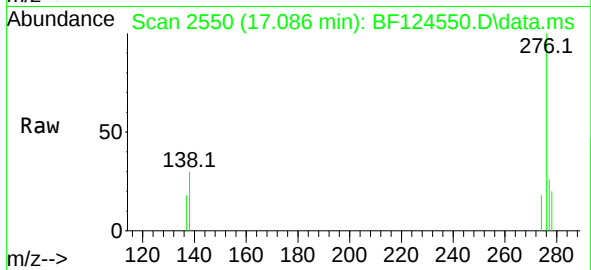
277 15.6 18.8 28.2#

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#88

Benzo(b)fluoranthene

Concen: 4.330 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.012 min

Lab File: BF124550.D

Acq: 13 Jul 2021 17:31

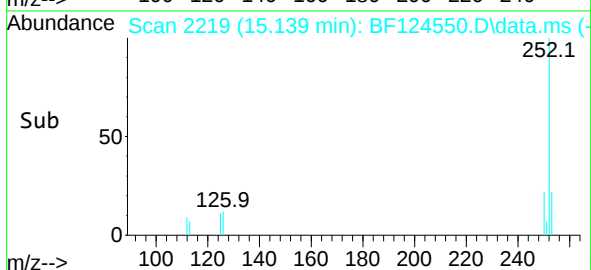
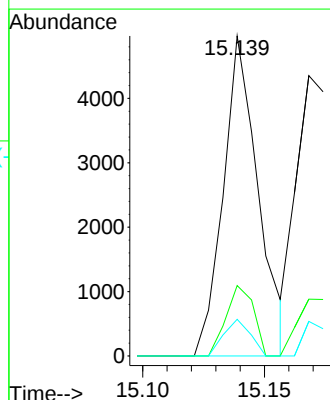
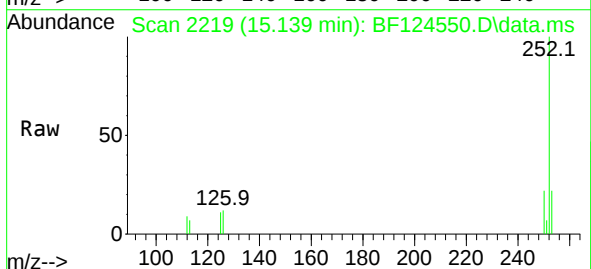
Tgt Ion:252 Resp: 4959

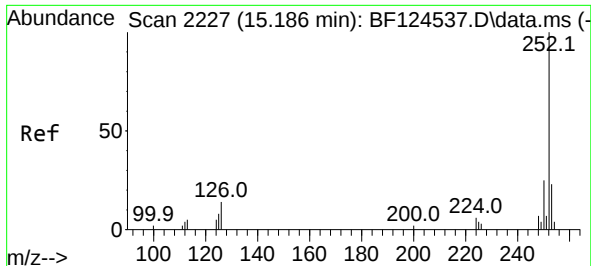
Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 11.5 9.8 14.8

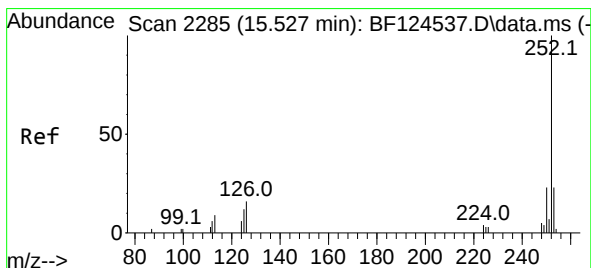
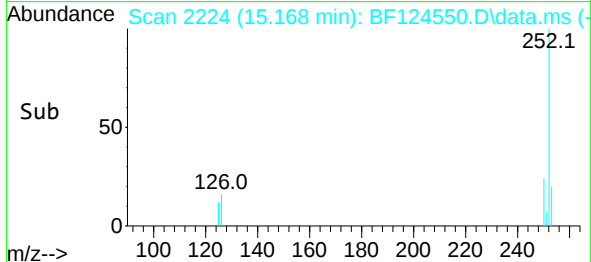
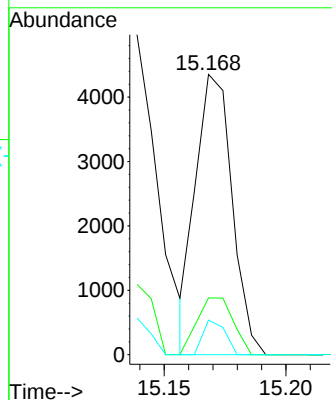
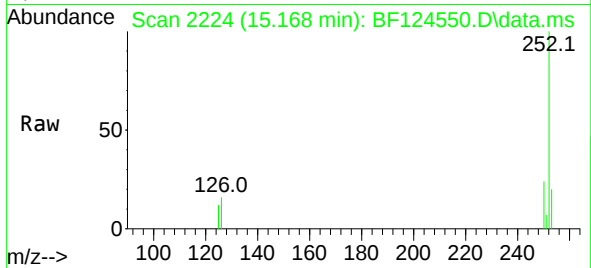




#89
Benzo(k)fluoranthene
Concen: 4.308 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.018 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

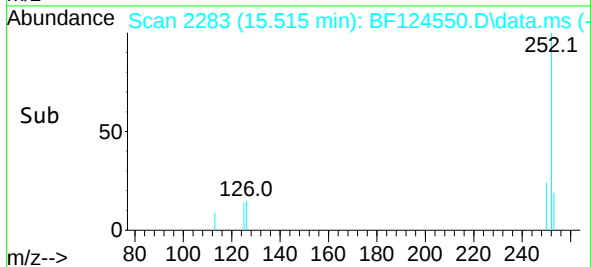
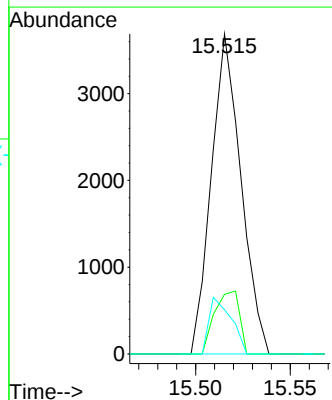
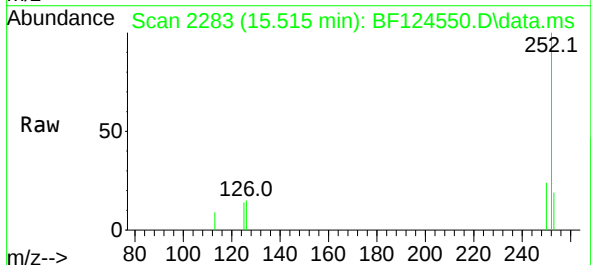
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

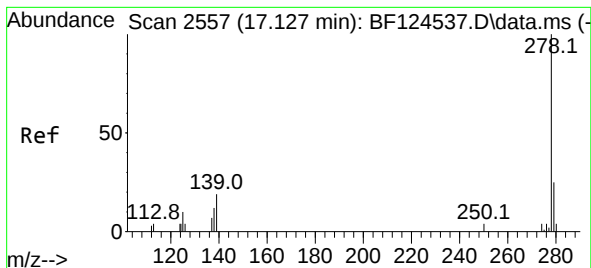
Tgt Ion:252 Resp: 4527
Ion Ratio Lower Upper
252 100
253 20.3 17.8 26.8
125 12.3 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 4.248 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.012 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:252 Resp: 4016
Ion Ratio Lower Upper
252 100
253 18.6 18.4 27.6
125 13.8 9.9 14.9

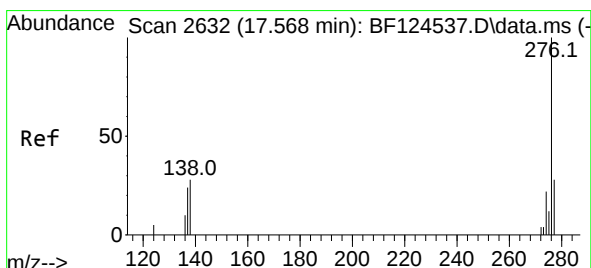
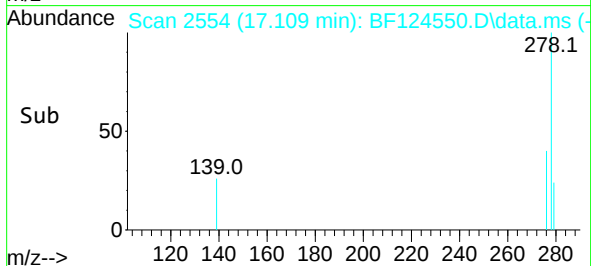
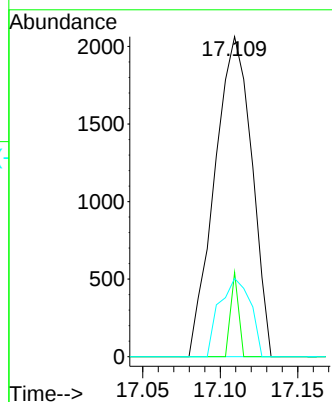
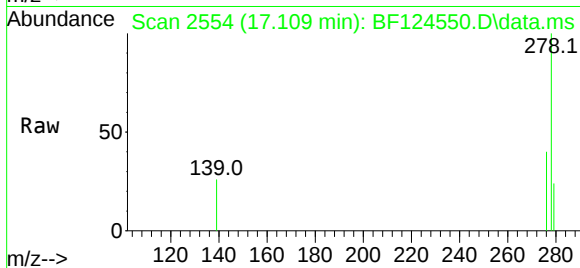




#91
Dibenzo(a,h)anthracene
Concen: 4.364 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.018 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Tgt Ion:278 Resp: 3437
Ion Ratio Lower Upper
278 100
139 26.4 14.9 22.3#
279 24.4 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 4.187 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.024 min
Lab File: BF124550.D
Acq: 13 Jul 2021 17:31

Tgt Ion:276 Resp: 3220
Ion Ratio Lower Upper
276 100
277 18.9 22.0 33.0#
138 24.3 22.2 33.4

