

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
 Data File : BF124548.D
 Acq On : 13 Jul 2021 16:26
 Operator : JU/CG
 Sample : M2940-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 13 16:49:06 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	7895	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	30057	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	17450	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	30949	20.000	ng	0.00
76) Chrysene-d12	14.092	240	22235	20.000	ng	0.00
86) Perylene-d12	15.592	264	17844	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	52539	115.298	ng	0.00
7) Phenol-d6	6.551	99	63531	114.607	ng	0.00
23) Nitrobenzene-d5	7.492	82	36551	76.766	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	15288	112.583	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	85014	71.043	ng	0.00
79) Terphenyl-d14	13.045	244	94333	71.241	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.810	88	565	3.791	ng	# 100
3) Pyridine	3.610	79	561	1.468	ng	# 54
4) n-Nitrosodimethylamine	3.493	42	1171	3.769	ng	# 72
6) Aniline	6.593	93	2805	4.802	ng	96
8) 2-Chlorophenol	6.710	128	2163	4.234	ng	99
9) Benzaldehyde	6.698	77	1399	4.302	ng	84
10) Phenol	6.557	94	2212	4.087	ng	# 64
11) bis(2-Chloroethyl)ether	6.657	93	1821	4.340	ng	# 76
12) 1,3-Dichlorobenzene	6.869	146	2783	4.977	ng	# 85
13) 1,4-Dichlorobenzene	7.098	146	2522	4.416	ng	91
14) 1,2-Dichlorobenzene	7.098	146	2522	4.647	ng	91
15) Benzyl Alcohol	7.057	79	1435	3.741	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.198	45	3378	4.671	ng	88
17) 2-Methylphenol	7.157	107	1727	4.618	ng	91
18) Hexachloroethane	7.440	117	949	4.413	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	1280	4.107	ng	# 93
20) 3+4-Methylphenols	7.310	107	2110	4.286	ng	# 72
22) Acetophenone	7.328	105	3189	4.675	ng	# 97
24) Nitrobenzene	7.504	77	2086	4.418	ng	# 90
25) Isophorone	7.739	82	3629	4.152	ng	# 94
26) 2-Nitrophenol	7.822	139	1061	4.166	ng	# 73
27) 2,4-Dimethylphenol	7.845	122	2144	5.080	ng	91
28) bis(2-Chloroethoxy)met...	7.951	93	2347	4.603	ng	99
29) 2,4-Dichlorophenol	8.051	162	1644	3.777	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	1974	4.098	ng	93
31) Naphthalene	8.228	128	7265	4.673	ng	# 97
32) Benzoic acid	7.892	122	421	1.431	ng	89
33) 4-Chloroaniline	8.269	127	2817	4.795	ng	98
34) Hexachlorobutadiene	8.345	225	1113	4.093	ng	95
35) Caprolactam	8.604	113	369	3.351	ng	94
36) 4-Chloro-3-methylphenol	8.739	107	1849	4.296	ng	98
37) 2-Methylnaphthalene	8.922	142	4830	4.604	ng	97
38) 1-Methylnaphthalene	9.016	142	4188	4.251	ng	94
40) 1,2,4,5-Tetrachloroben...	9.086	216	2055	4.415	ng	89
41) Hexachlorocyclopentadiene	9.075	237	1611	5.541	ng	91
43) 2,4,6-Trichlorophenol	9.192	196	1257	3.741	ng	90

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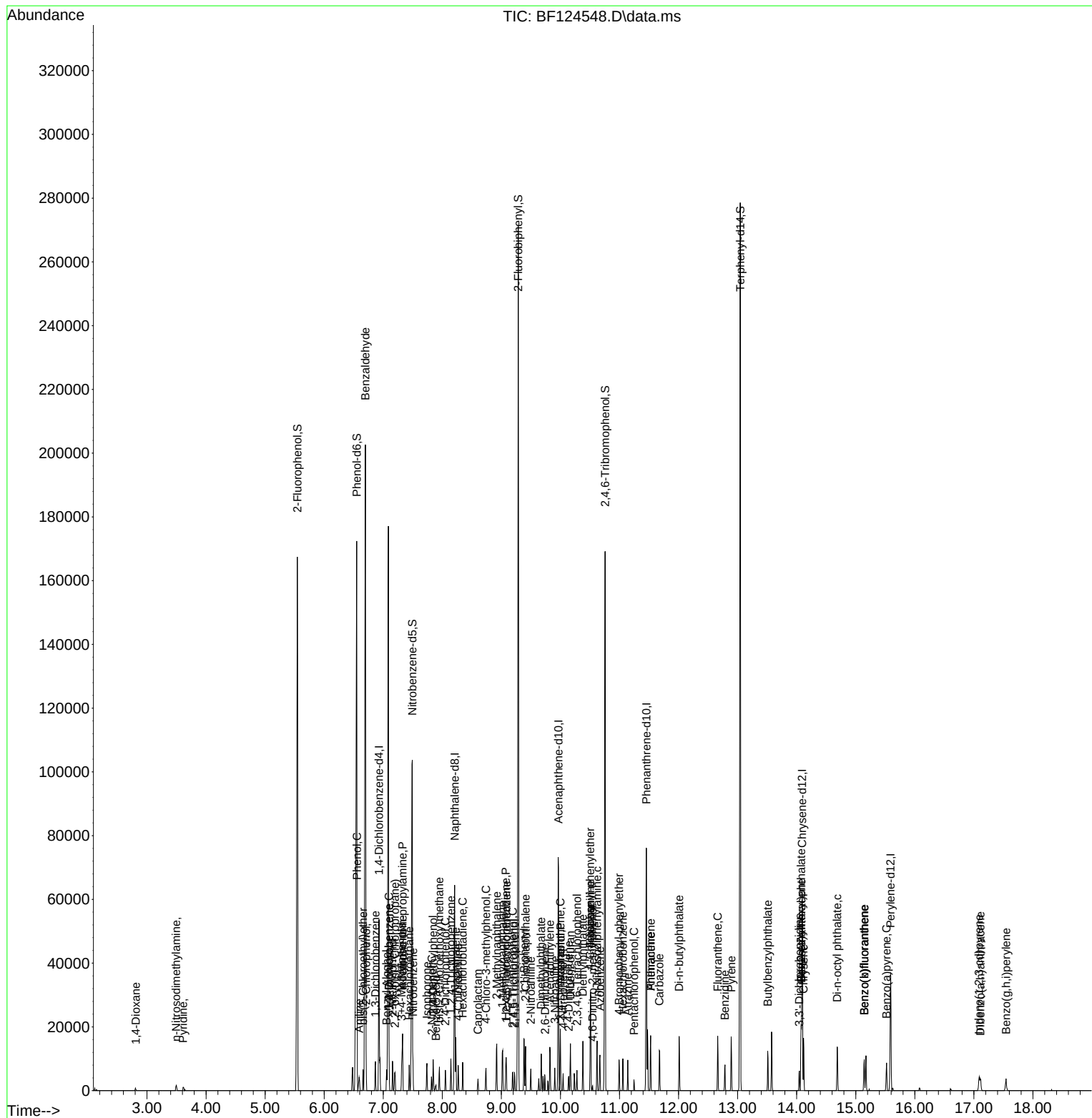
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	1358	3.919	ng	94
46) 1,1'-Biphenyl	9.386	154	6054	4.568	ng	99
47) 2-Chloronaphthalene	9.410	162	4507	4.337	ng	98
48) 2-Nitroaniline	9.498	65	1184	4.738	ng	87
49) Acenaphthylene	9.822	152	7007	4.321	ng	97
50) Dimethylphthalate	9.675	163	5174	4.262	ng	# 96
51) 2,6-Dinitrotoluene	9.739	165	902	3.769	ng	# 90
52) Acenaphthene	9.998	154	4613	4.449	ng	97
53) 3-Nitroaniline	9.904	138	1146	4.291	ng	# 96
54) 2,4-Dinitrophenol	10.004	184	311	2.490	ng	# 1
55) Dibenzofuran	10.169	168	6430	4.218	ng	93
56) 4-Nitrophenol	10.045	139	807	3.630	ng	96
57) 2,4-Dinitrotoluene	10.139	165	1322	4.035	ng	85
58) Fluorene	10.510	166	4928	4.179	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.281	232	1025	3.830	ng	# 84
60) Diethylphthalate	10.381	149	5547	4.370	ng	98
61) 4-Chlorophenyl-phenyle...	10.504	204	2202	4.114	ng	97
62) 4-Nitroaniline	10.510	138	1034	3.841	ng	94
63) Azobenzene	10.669	77	4555	4.105	ng	95
65) 4,6-Dinitro-2-methylph...	10.545	198	427	2.415	ng	# 81
66) n-Nitrosodiphenylamine	10.622	169	4123	4.091	ng	95
67) 4-Bromophenyl-phenylether	10.992	248	1488	4.650	ng	# 71
68) Hexachlorobenzene	11.057	284	1454	4.434	ng	# 90
69) Atrazine	11.139	200	1273	4.125	ng	83
70) Pentachlorophenol	11.245	266	595	2.869	ng	# 81
71) Phenanthrene	11.527	178	7579	4.489	ng	98
72) Anthracene	11.527	178	7579	4.474	ng	99
73) Carbazole	11.675	167	6543	4.180	ng	95
74) Di-n-butylphthalate	12.010	149	9338	4.429	ng	99
75) Fluoranthene	12.663	202	7514	4.411	ng	94
77) Benzidine	12.786	184	4451	5.355	ng	95
78) Pyrene	12.892	202	7731	4.185	ng	98
80) Butylbenzylphthalate	13.510	149	3409	3.817	ng	99
81) Benzo(a)anthracene	14.080	228	6478	4.393	ng	98
82) 3,3'-Dichlorobenzidine	14.045	252	2292	5.934	ng	# 95
83) Chrysene	14.116	228	6217	4.401	ng	95
84) Bis(2-ethylhexyl)phtha...	14.074	149	5098	4.251	ng	# 96
85) Di-n-octyl phthalate	14.686	149	7693	4.433	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.086	276	3820	3.691	ng	# 86
88) Benzo(b)fluoranthene	15.145	252	5414	4.227	ng	97
89) Benzo(k)fluoranthene	15.145	252	5414	4.607	ng	98
90) Benzo(a)pyrene	15.521	252	4734	4.478	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	3223	3.659	ng	96
92) Benzo(g,h,i)perylene	17.545	276	3204	3.726	ng	96

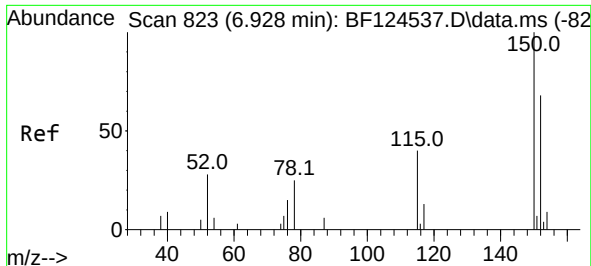
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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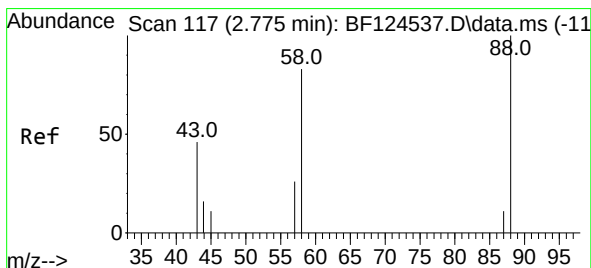
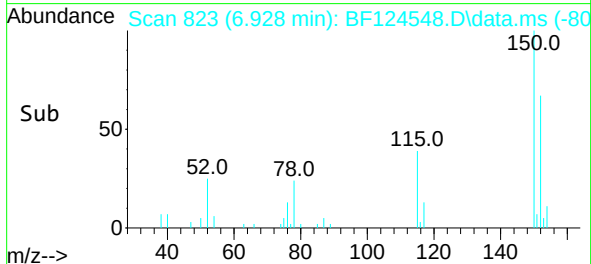
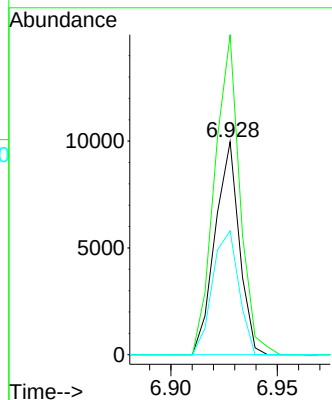
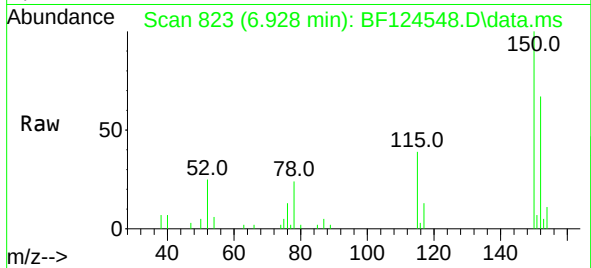




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

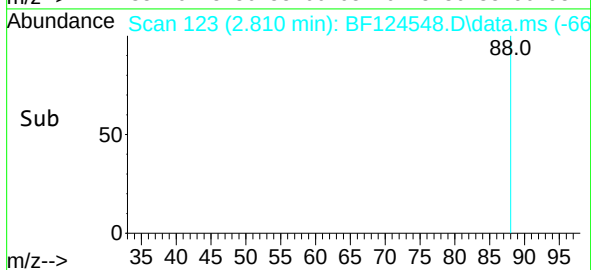
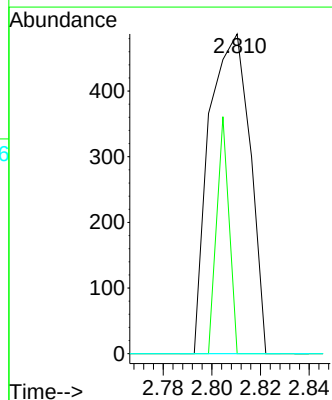
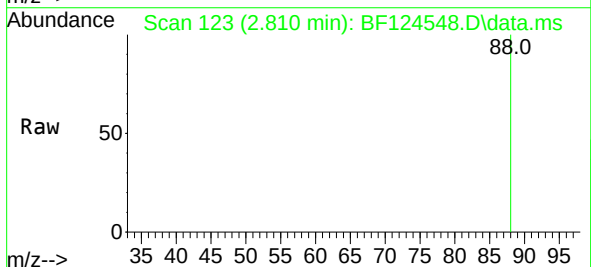
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

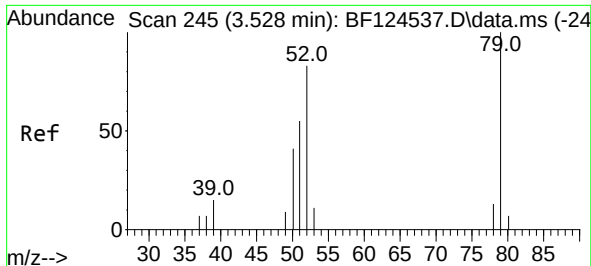
Tgt Ion:152 Resp: 7895
Ion Ratio Lower Upper
152 100
150 150.2 117.6 176.4
115 58.2 47.1 70.7



#2
1,4-Dioxane
Concen: 3.791 ng
RT: 2.810 min Scan# 123
Delta R.T. 0.035 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 88 Resp: 565
Ion Ratio Lower Upper
88 100
58 22.5 0.0 0.0#
43 0.0 0.0 0.0

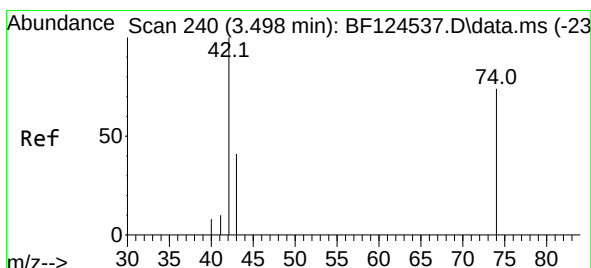
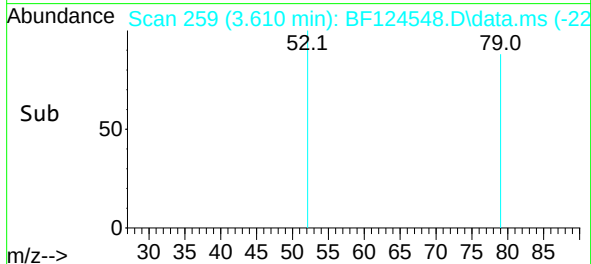
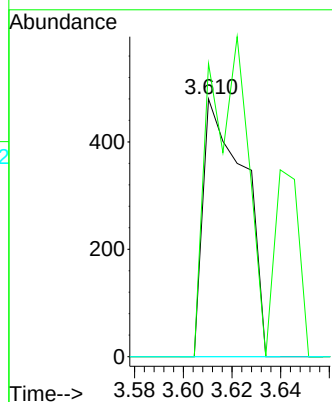
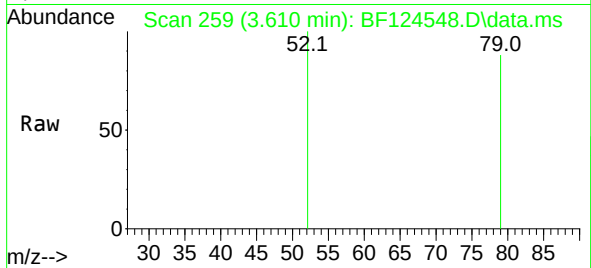




#3
Pyridine
Concen: 1.468 ng
RT: 3.610 min Scan# 259
Delta R.T. 0.083 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

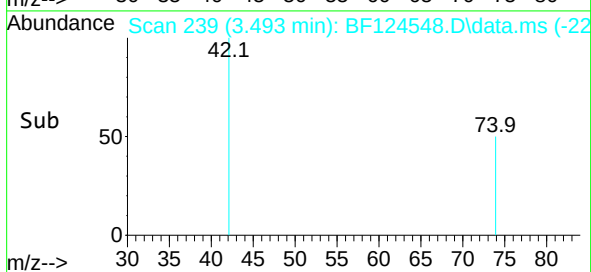
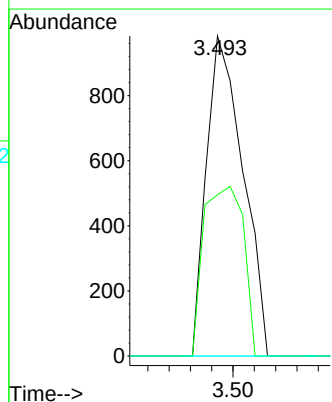
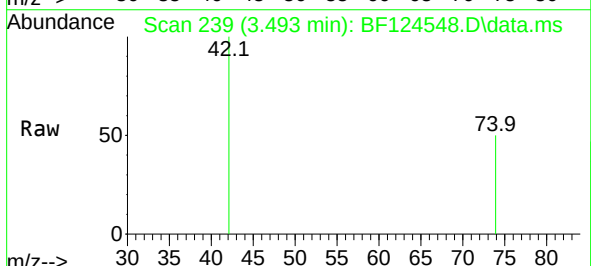
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

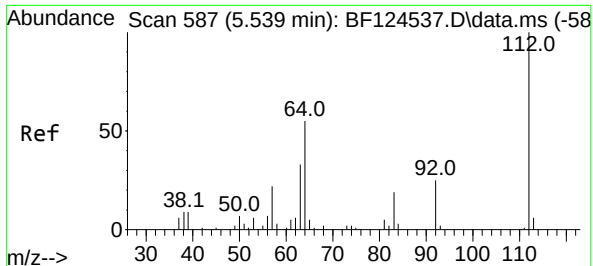
Tgt Ion: 79 Resp: 561
Ion Ratio Lower Upper
79 100
52 113.8 70.3 105.5#
51 0.0 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 3.769 ng
RT: 3.493 min Scan# 239
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 42 Resp: 1171
Ion Ratio Lower Upper
42 100
74 50.4 59.0 88.6#
44 0.0 0.0 0.0

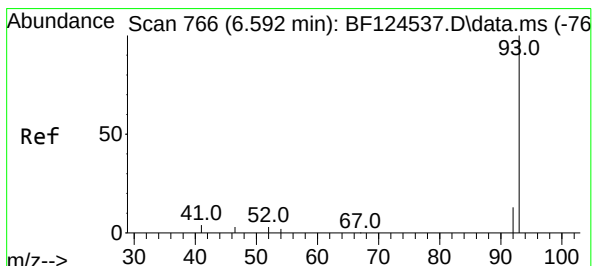
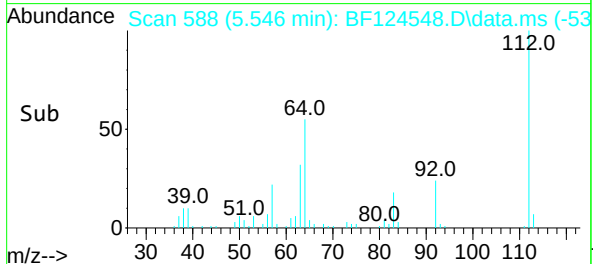
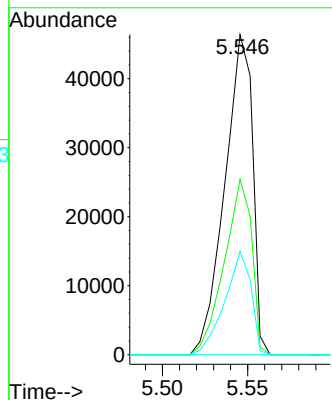
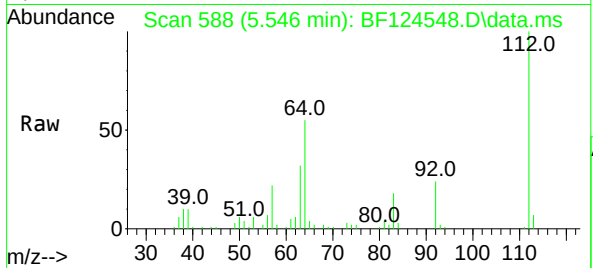




#5
2-Fluorophenol
Concen: 115.298 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.007 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

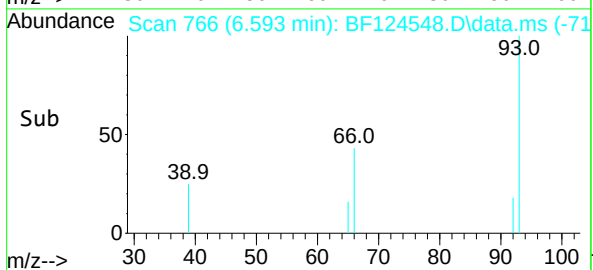
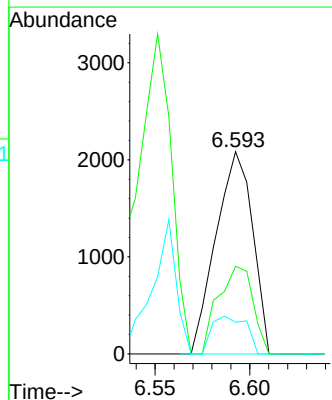
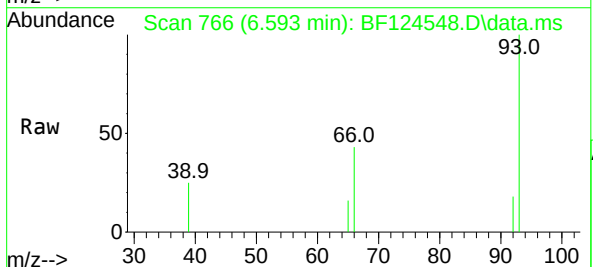
Instrument :
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LOQ-SOIL-02-QT3-2021

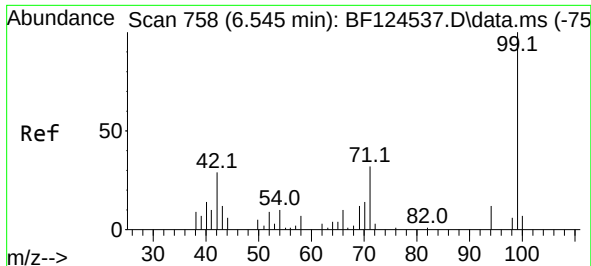
Tgt Ion:112 Resp: 52539
Ion Ratio Lower Upper
112 100
64 54.8 44.2 66.2
63 32.3 26.2 39.2



#6
Aniline
Concen: 4.802 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 93 Resp: 2805
Ion Ratio Lower Upper
93 100
66 43.4 32.7 49.1
65 15.7 14.2 21.4

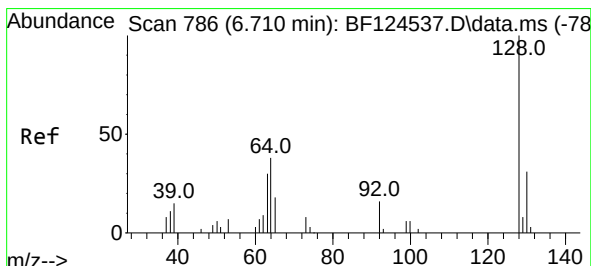
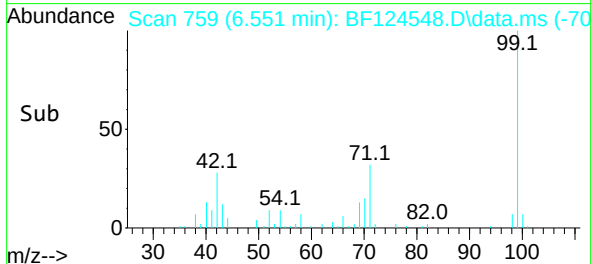
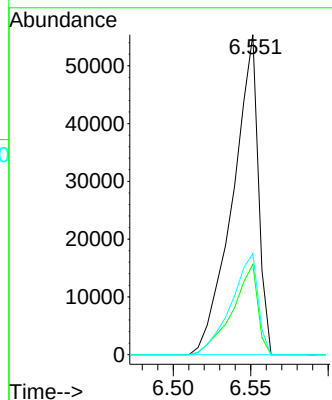
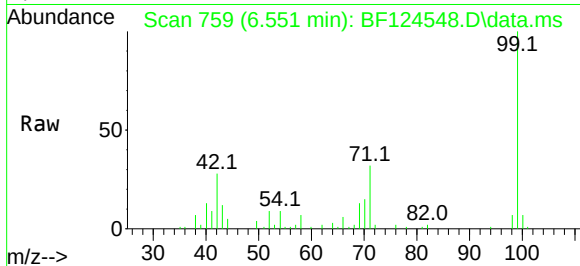




#7
Phenol-d6
Concen: 114.607 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

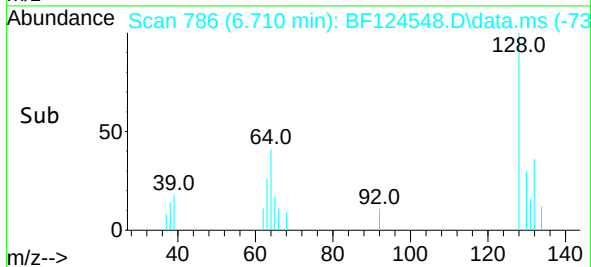
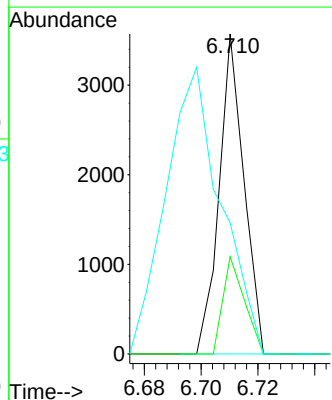
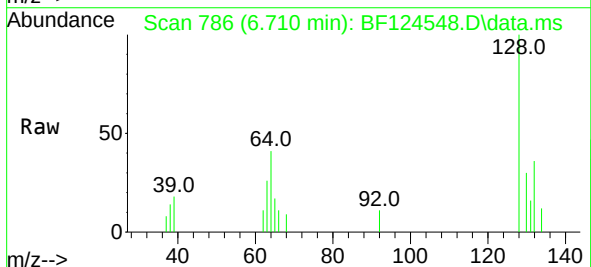
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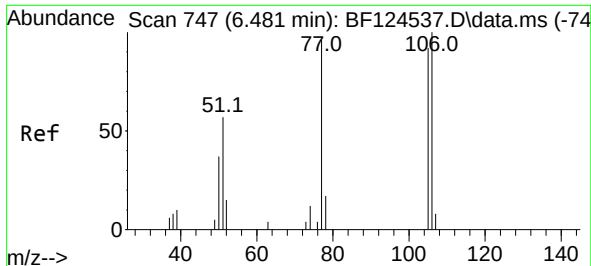
Tgt Ion: 99 Resp: 63531
Ion Ratio Lower Upper
99 100
42 28.2 23.5 35.3
71 31.6 25.6 38.4



#8
2-Chlorophenol
Concen: 4.234 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 128 Resp: 2163
Ion Ratio Lower Upper
128 100
130 30.5 10.5 50.5
64 41.0 20.3 60.3

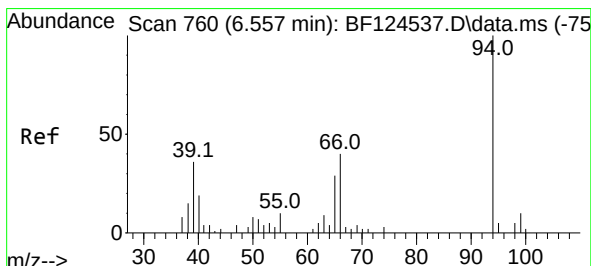
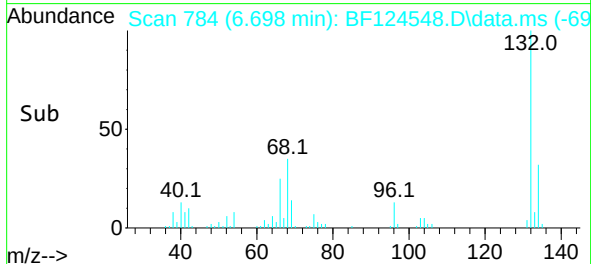
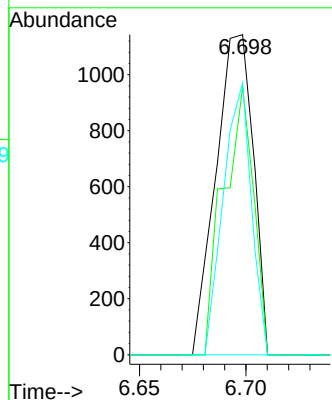
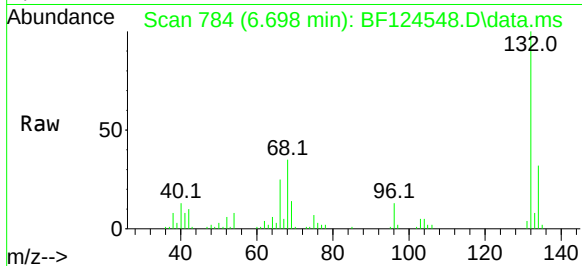




#9
Benzaldehyde
Concen: 4.302 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.217 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

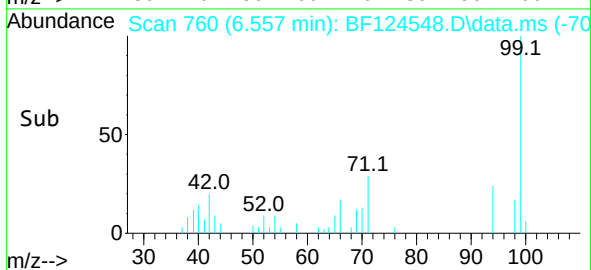
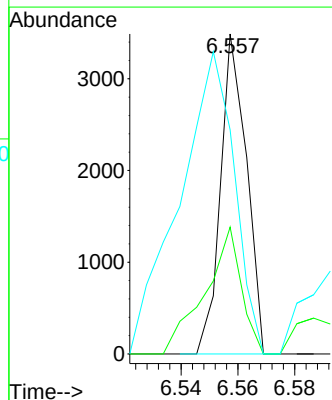
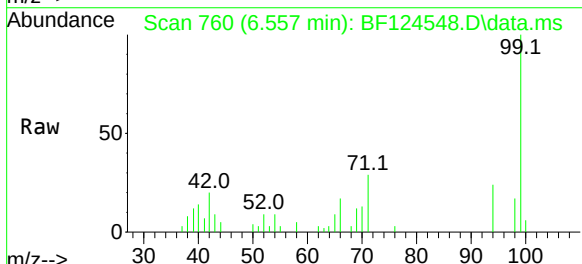
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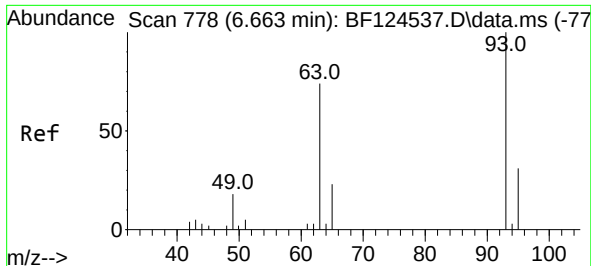
Tgt Ion: 77 Resp: 1399
Ion Ratio Lower Upper
77 100
105 83.7 75.9 115.9
106 85.0 84.0 124.0



#10
Phenol
Concen: 4.087 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 94 Resp: 2212
Ion Ratio Lower Upper
94 100
65 39.6 9.3 49.3
66 70.0 20.3 60.3#

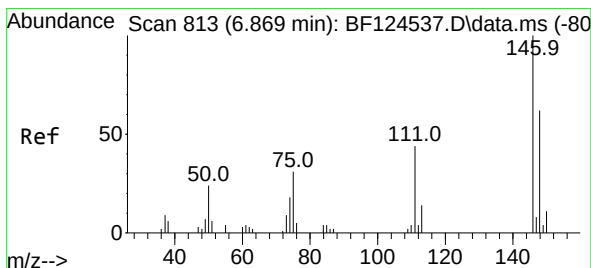
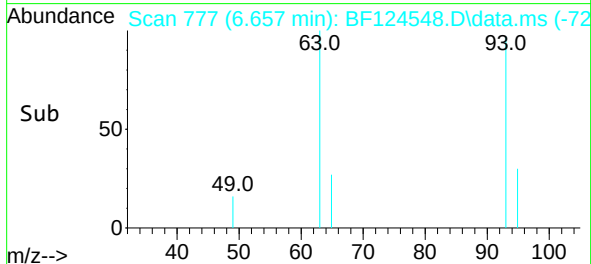
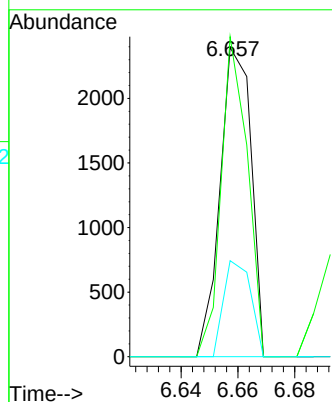
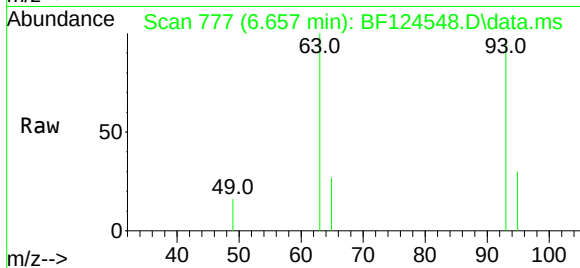




#11
bis(2-Chloroethyl)ether
Concen: 4.340 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

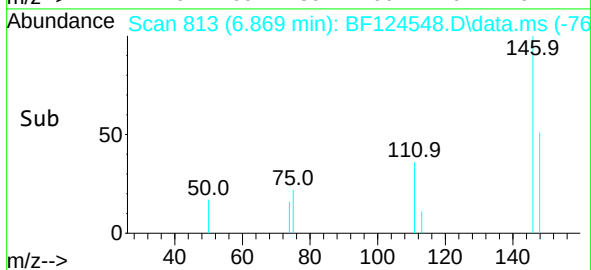
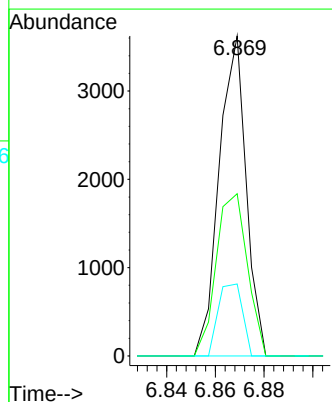
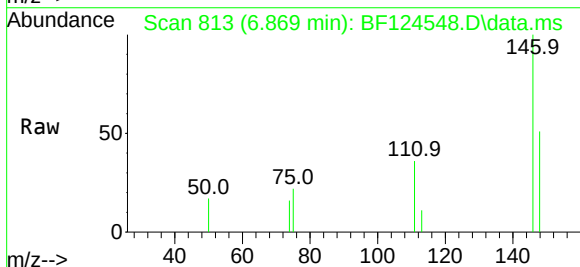
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

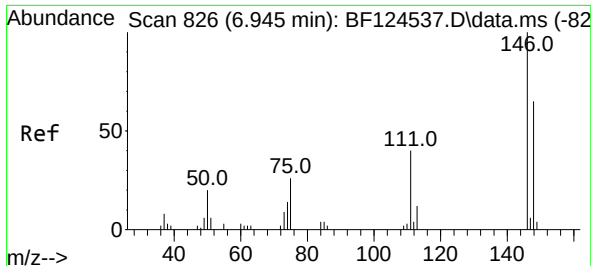
Tgt Ion: 93 Resp: 1821
Ion Ratio Lower Upper
93 100
63 103.5 54.4 94.4#
95 31.1 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 4.977 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 146 Resp: 2783
Ion Ratio Lower Upper
146 100
148 50.7 49.7 74.5
75 22.5 25.2 37.8#

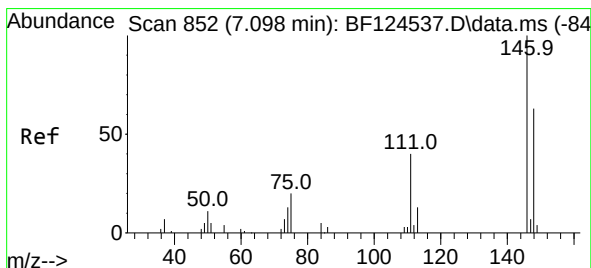
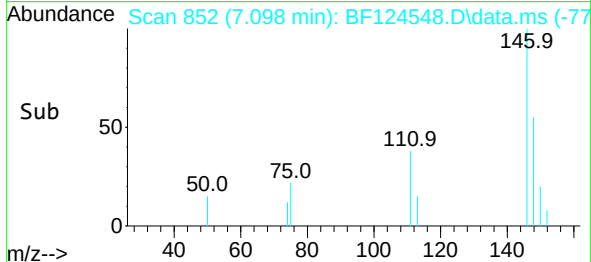
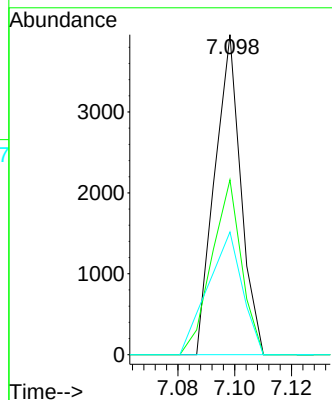
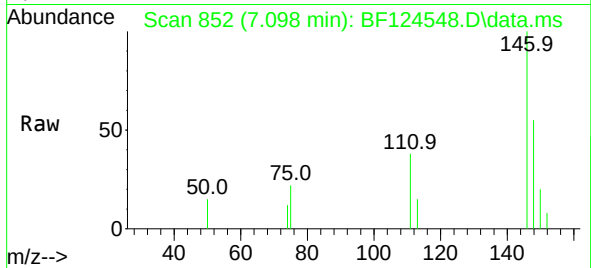




#13
1,4-Dichlorobenzene
Concen: 4.416 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.153 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

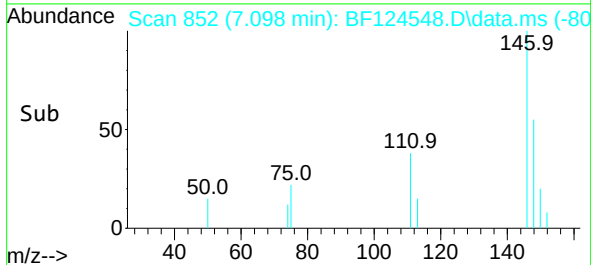
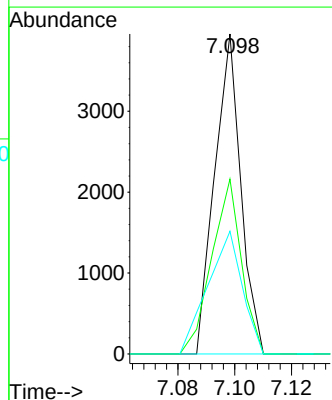
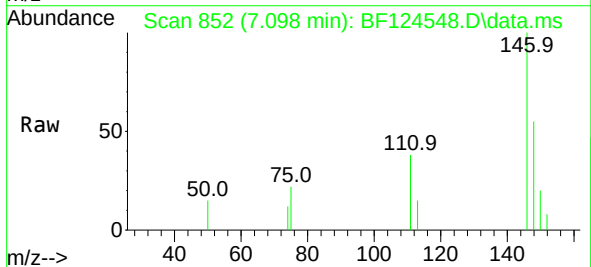
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

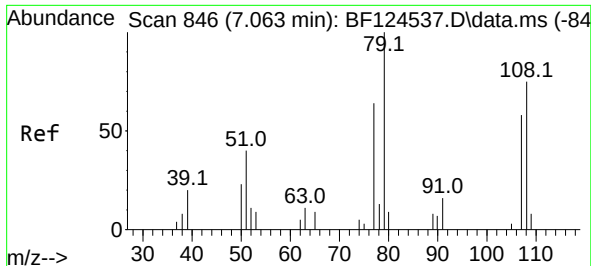
Tgt Ion:146 Resp: 2522
Ion Ratio Lower Upper
146 100
148 54.6 51.9 77.9
111 38.3 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 4.647 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:146 Resp: 2522
Ion Ratio Lower Upper
146 100
148 54.6 50.6 75.8
111 38.3 33.5 50.3

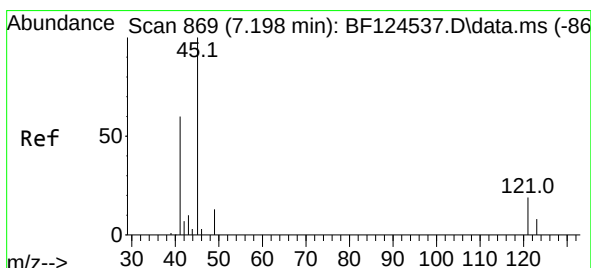
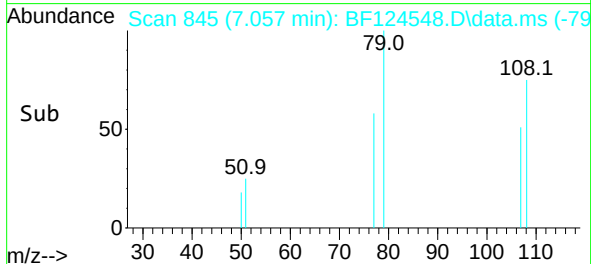
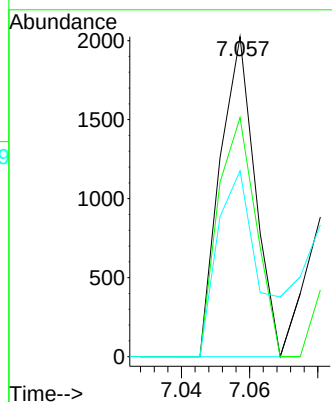
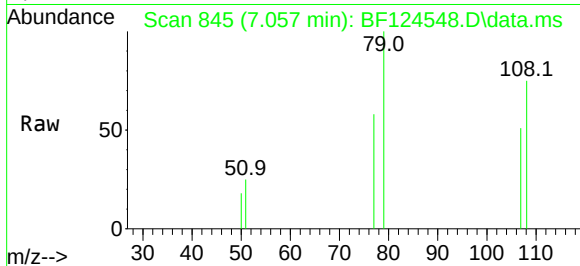




#15
Benzyl Alcohol
Concen: 3.741 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

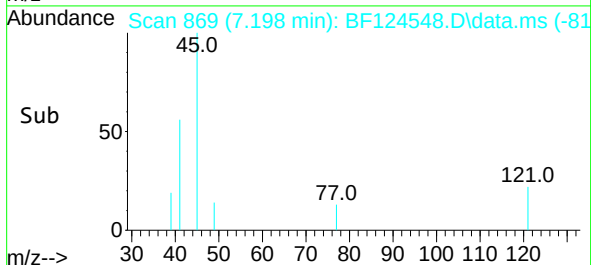
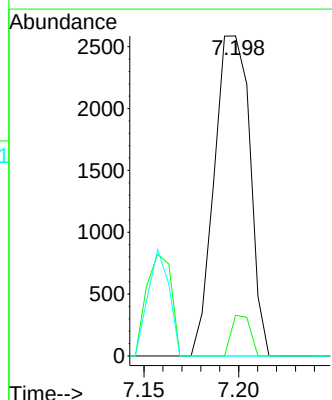
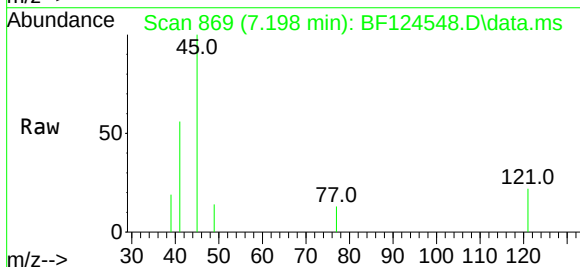
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

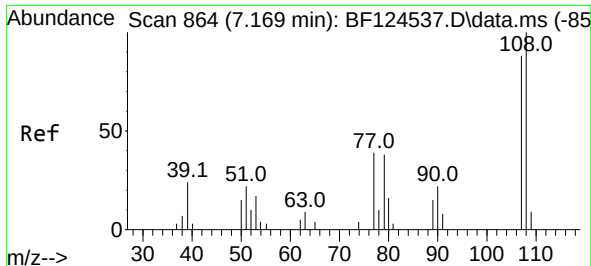
Tgt Ion:	79	Resp:	1435
Ion	Ratio	Lower	Upper
79	100		
108	74.7	60.4	90.6
77	58.1	51.5	77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.671 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:	45	Resp:	3378
Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	30.6
79	0.0	0.0	27.5

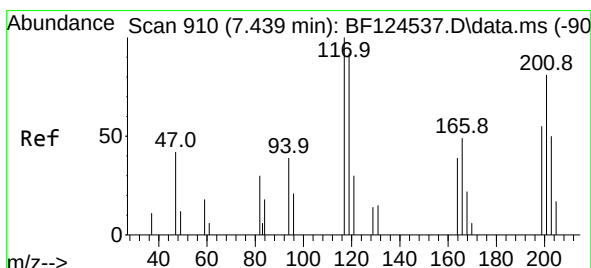
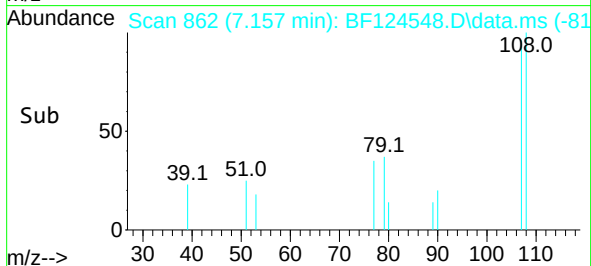
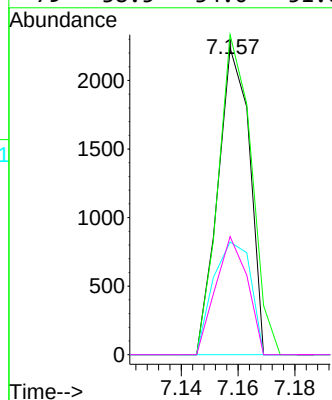
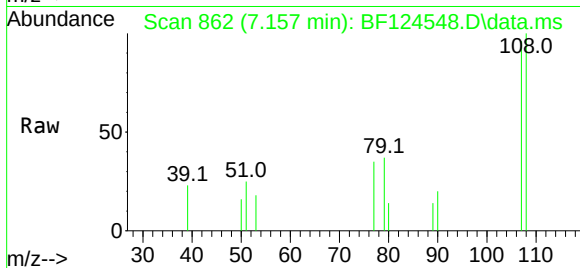




#17
2-Methylphenol
Concen: 4.618 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

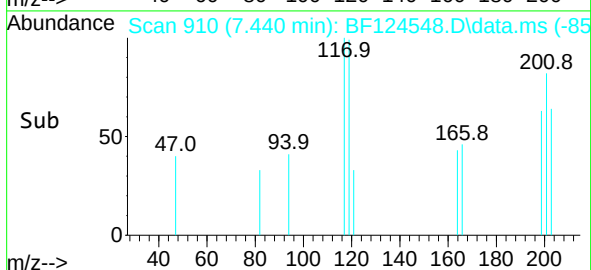
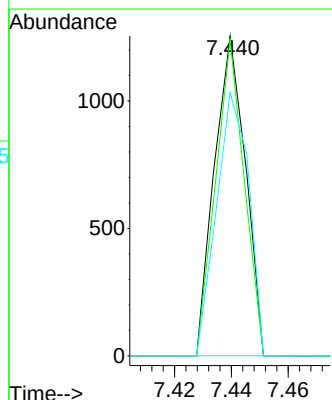
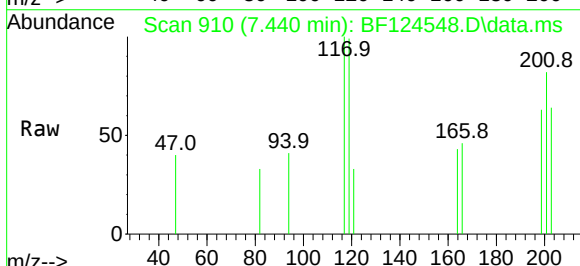
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

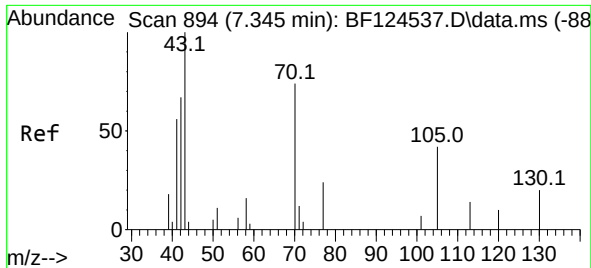
Tgt Ion:	107	Resp:	1727
Ion	Ratio	Lower	Upper
107	100		
108	104.3	90.6	135.8
77	36.7	35.7	53.5
79	38.5	34.0	51.0



#18
Hexachloroethane
Concen: 4.413 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:	117	Resp:	949
Ion	Ratio	Lower	Upper
117	100		
119	99.0	73.4	110.2
201	82.3	64.9	97.3

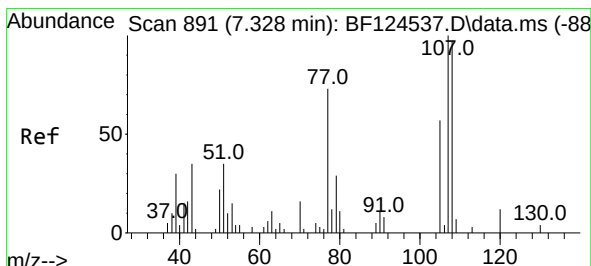
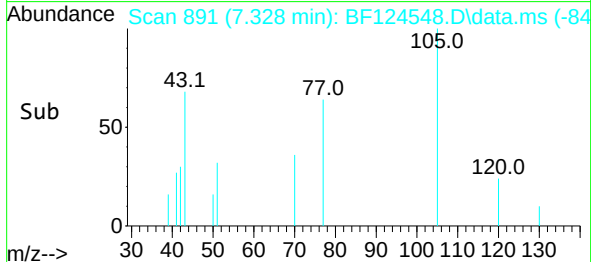
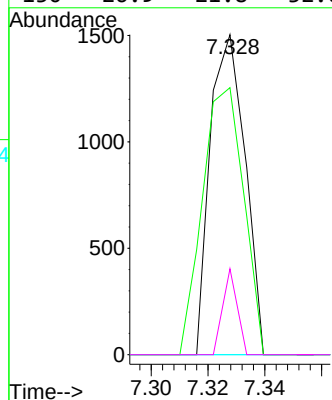
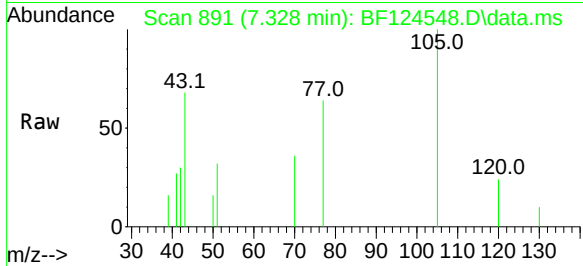




#19
n-Nitroso-di-n-propylamine
Concen: 4.107 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.017 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

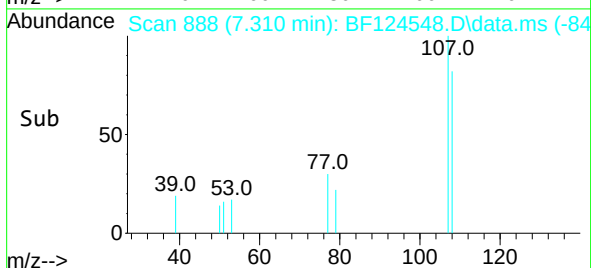
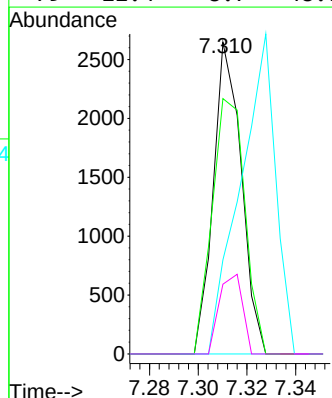
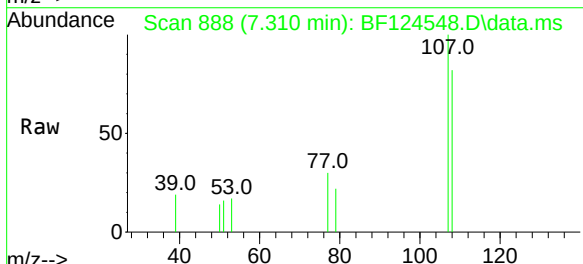
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

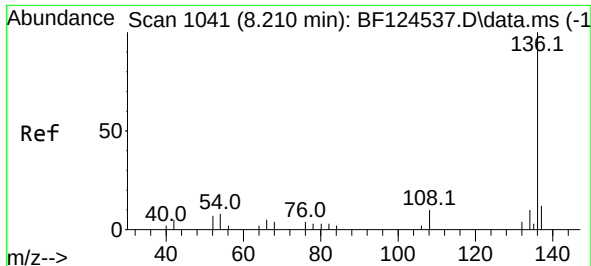
Tgt Ion: 70	Resp:	1280
Ion Ratio	Lower	Upper
70	100	
42	83.4	72.2 108.2
101	0.0	7.8 11.8#
130	26.9	21.8 32.6



#20
3+4-Methylphenols
Concen: 4.286 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.017 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 107	Resp:	2110
Ion Ratio	Lower	Upper
107	100	
108	81.9	76.6 116.6
77	30.2	53.3 93.3#
79	22.4	8.7 48.7

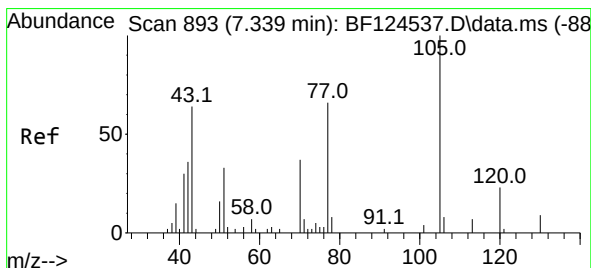
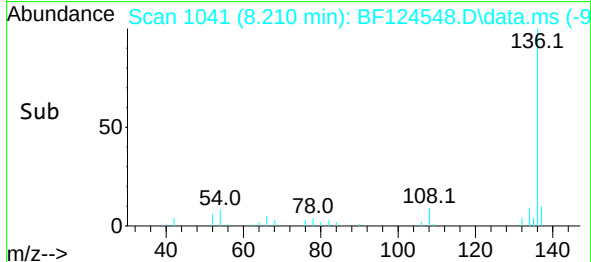
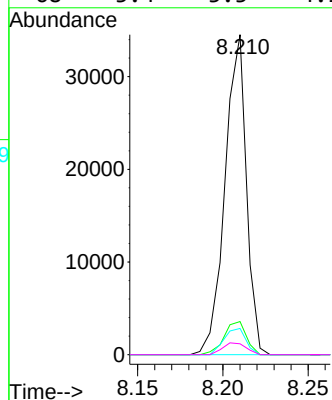
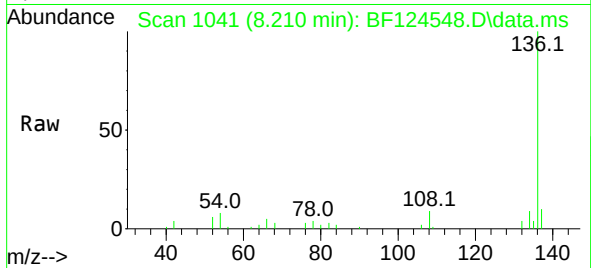




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

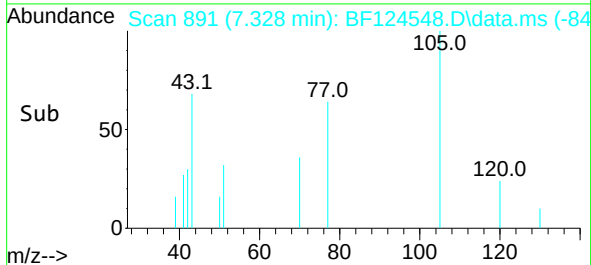
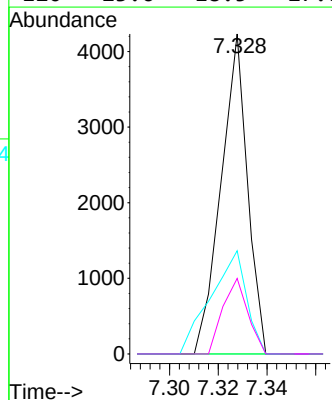
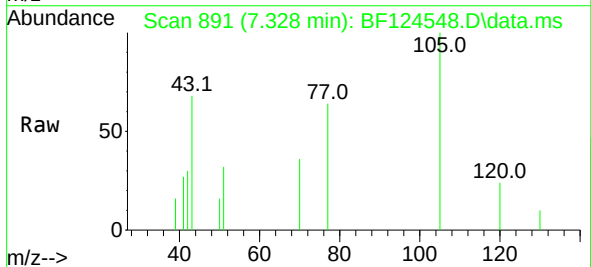
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

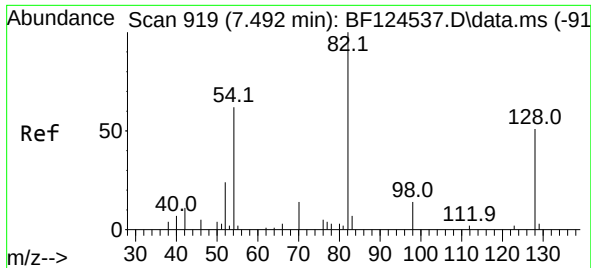
Tgt Ion:	136	Resp:	30057
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.8	14.6
54	8.2	6.4	9.6
68	3.4	3.3	4.9



#22
Acetophenone
Concen: 4.675 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:	105	Resp:	3189
Ion Ratio	Lower	Upper	
105	100		
71	0.0	5.5	8.3
51	32.2	26.0	39.0
120	23.6	18.5	27.7

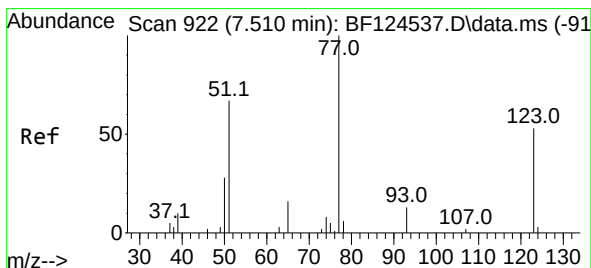
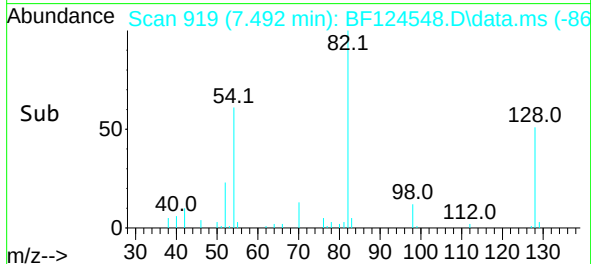
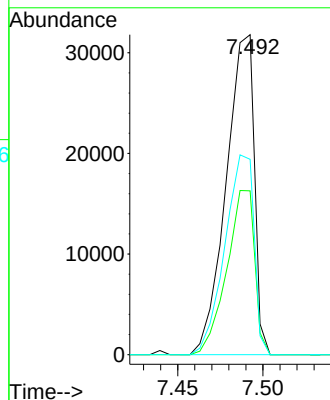
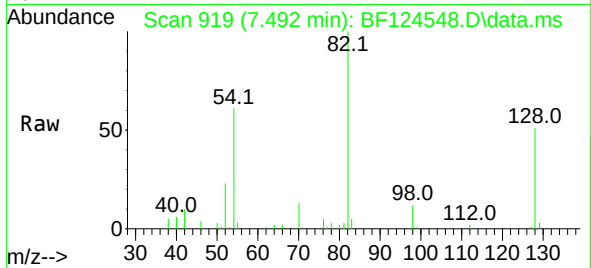




#23
Nitrobenzene-d5
Concen: 76.766 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

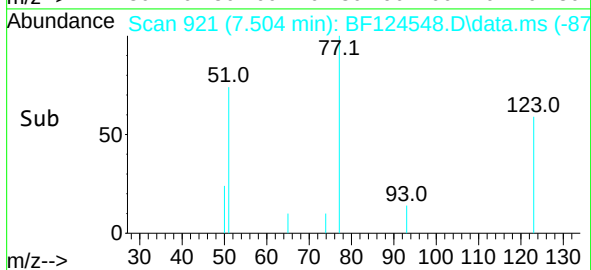
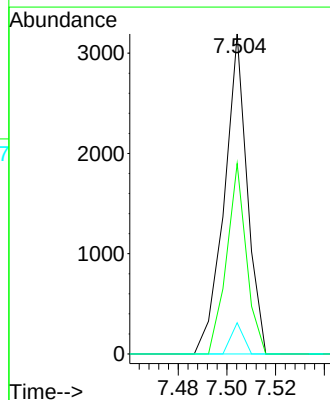
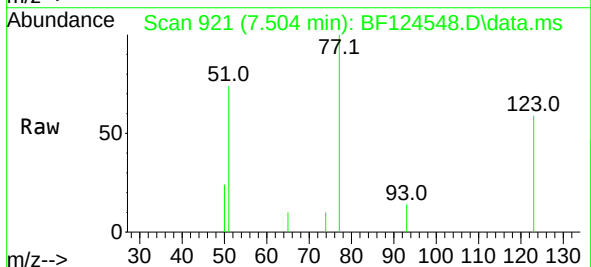
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

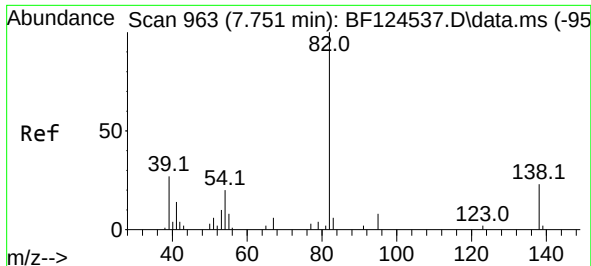
Tgt Ion: 82 Resp: 36551
Ion Ratio Lower Upper
82 100
128 51.2 40.6 60.8
54 61.1 49.6 74.4



#24
Nitrobenzene
Concen: 4.418 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 77 Resp: 2086
Ion Ratio Lower Upper
77 100
123 59.5 42.3 63.5
65 9.7 12.4 18.6#

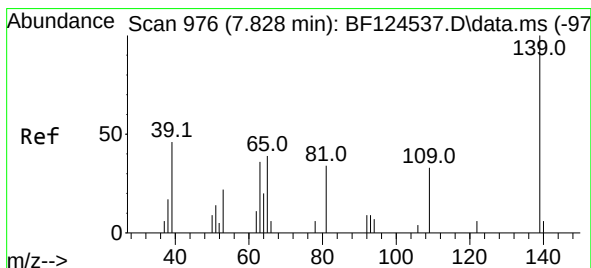
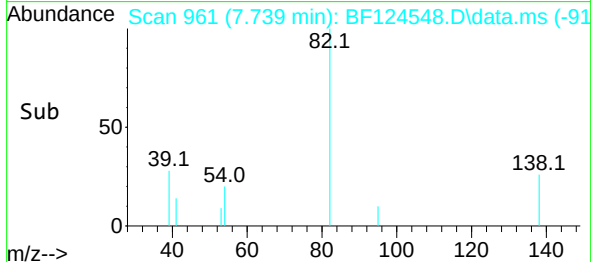
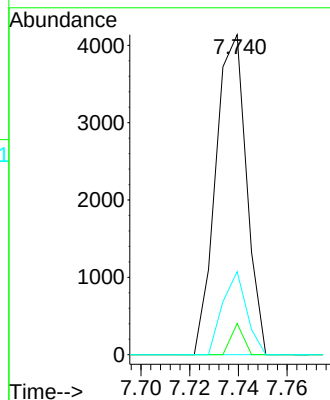
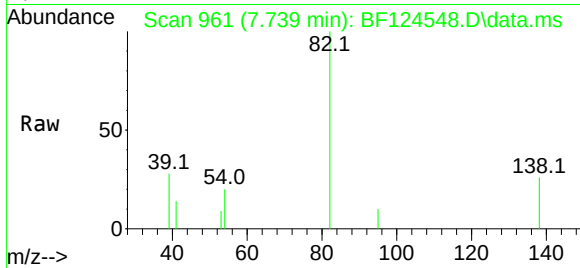




#25
Isophorone
Concen: 4.152 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

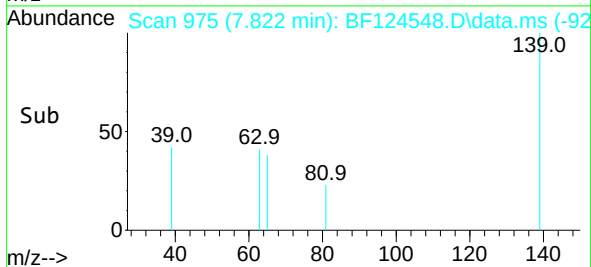
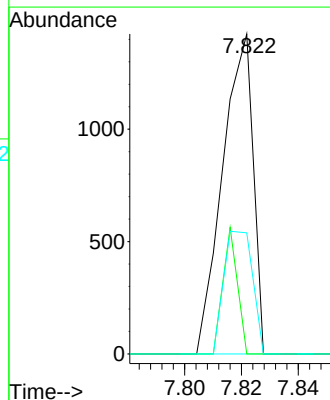
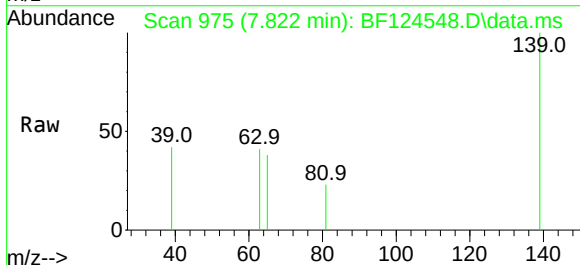
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

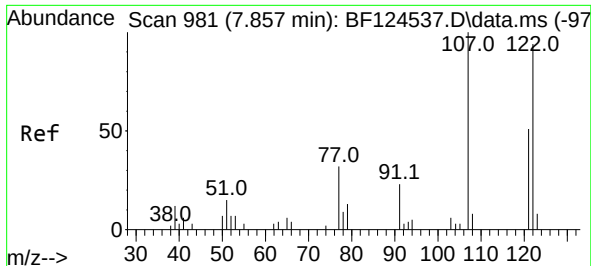
Tgt Ion: 82 Resp: 3629
Ion Ratio Lower Upper
82 100
95 9.8 6.5 9.7#
138 25.9 18.4 27.6



#26
2-Nitrophenol
Concen: 4.166 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 139 Resp: 1061
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 37.9 31.0 46.4





#27

2,4-Dimethylphenol

Concen: 5.080 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.012 min

Lab File: BF124548.D

Acq: 13 Jul 2021 16:26

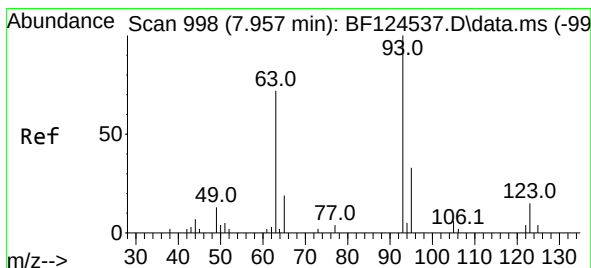
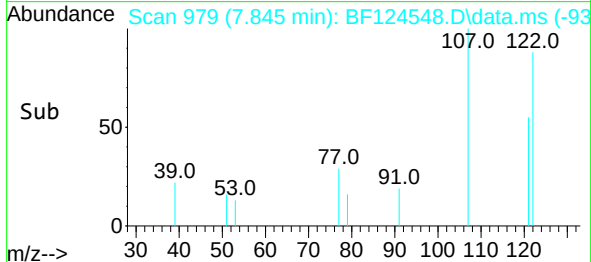
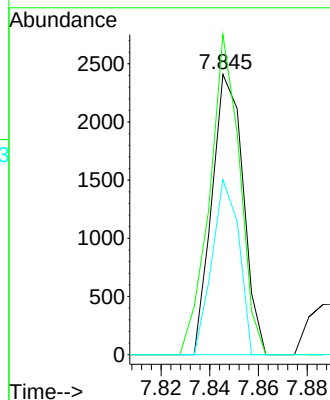
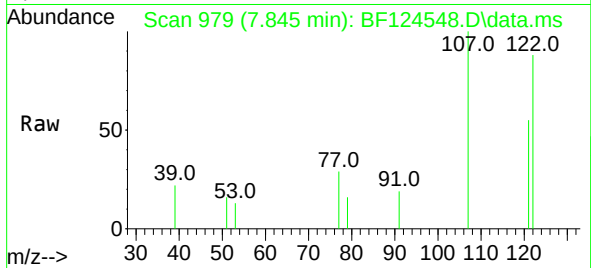
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:122	Resp:	2144
Ion	Ratio	Lower Upper
122	100	
107	114.1	85.0 127.6
121	62.4	43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 4.603 ng

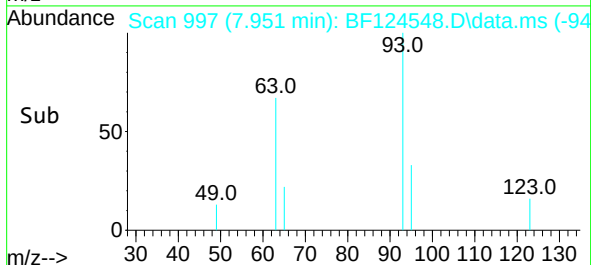
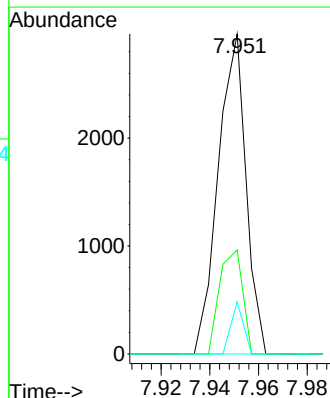
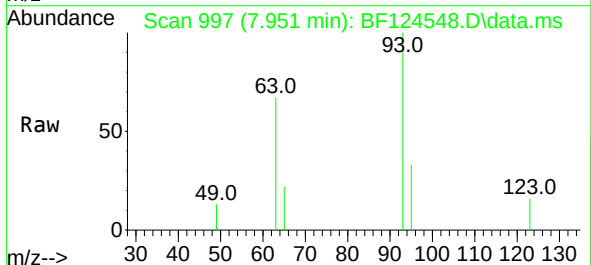
RT: 7.951 min Scan# 997

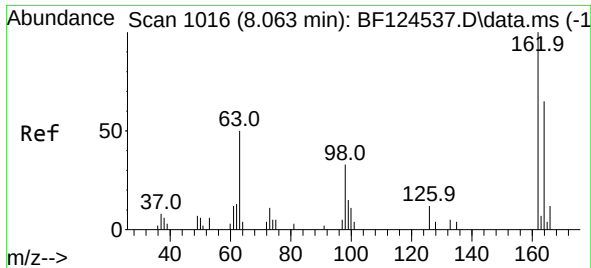
Delta R.T. -0.006 min

Lab File: BF124548.D

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Tgt Ion: 93	Resp:	2347
Ion	Ratio	Lower Upper
93	100	
95	32.5	26.1 39.1
123	16.3	11.7 17.5

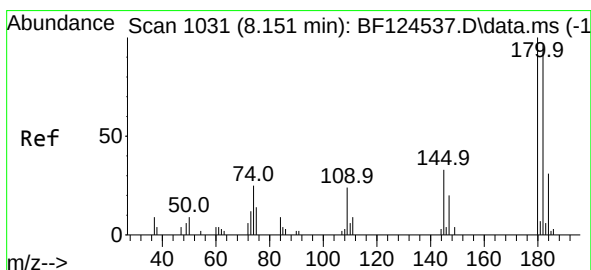
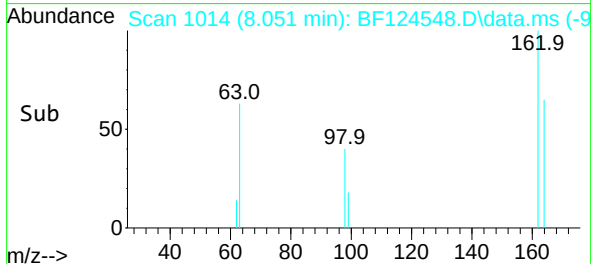
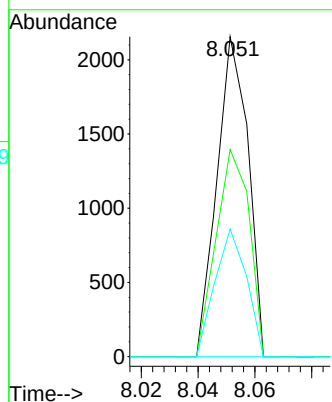
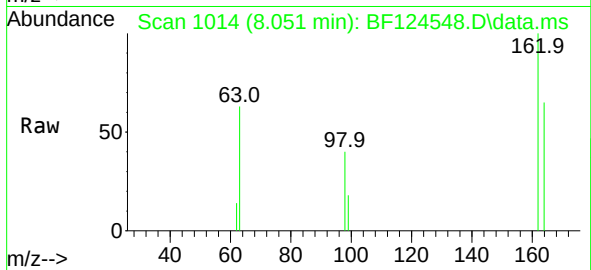




#29
2,4-Dichlorophenol
Concen: 3.777 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

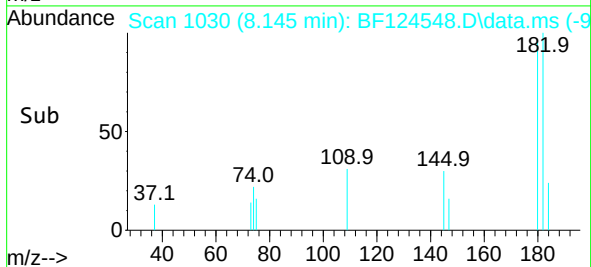
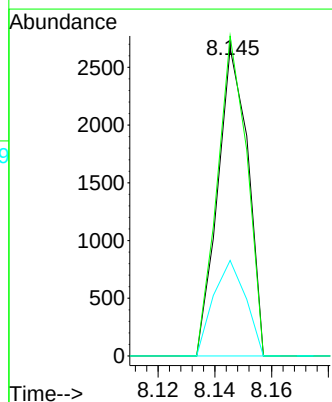
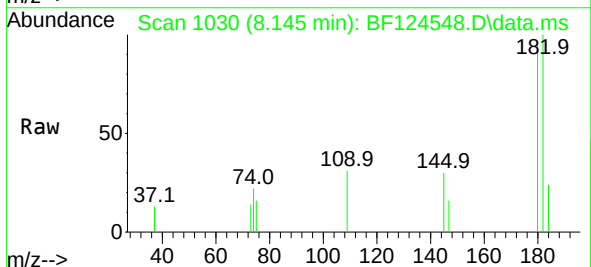
Instrument :
BNA_F
ClientSampleId :
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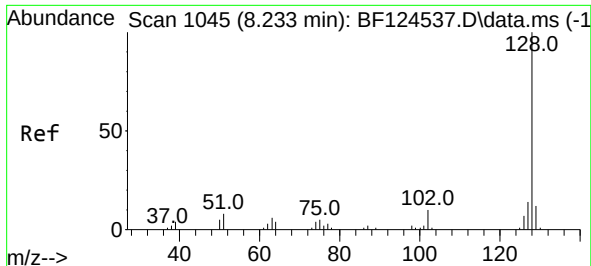
Tgt Ion:	162	Resp:	1644
Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.5	84.5
98	39.9	13.0	53.0



#30
1,2,4-Trichlorobenzene
Concen: 4.098 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

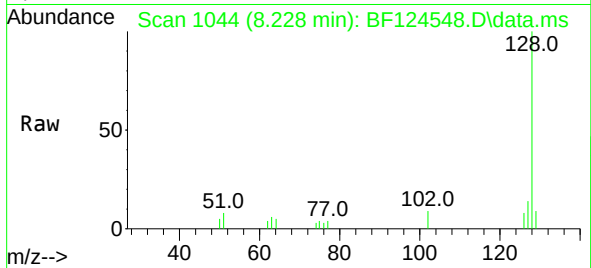
Tgt Ion:	180	Resp:	1974
Ion	Ratio	Lower	Upper
180	100		
182	103.9	76.8	115.2
145	31.0	26.7	40.1



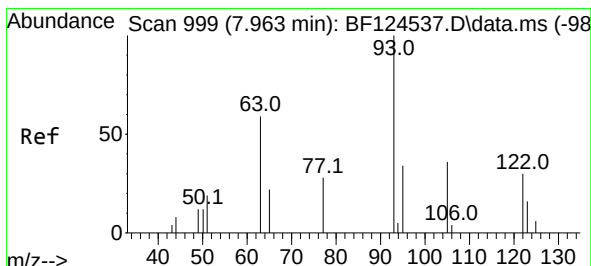
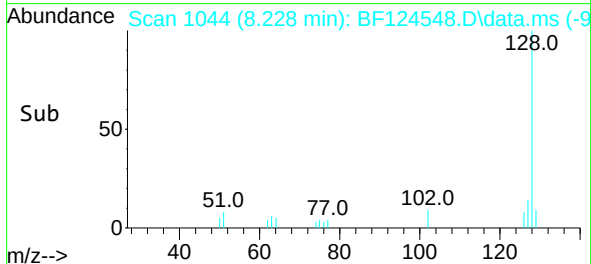
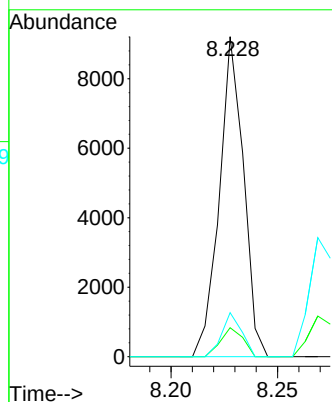


#31
Naphthalene
Concen: 4.673 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

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

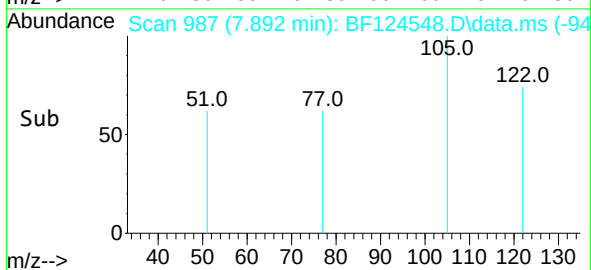
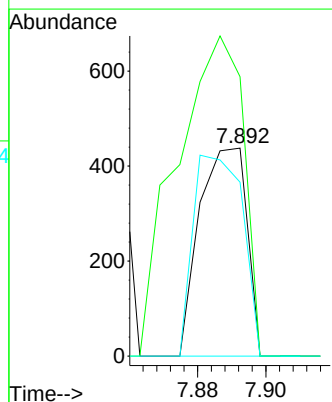
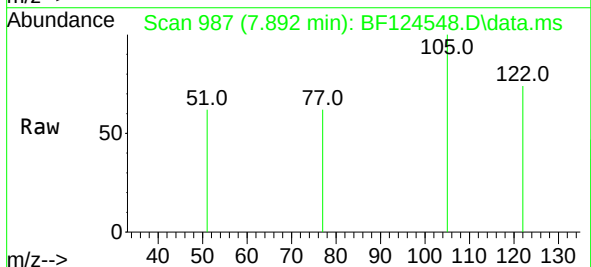


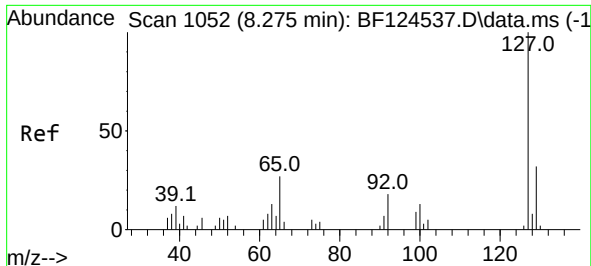
Tgt Ion:128 Resp: 7265
Ion Ratio Lower Upper
128 100
129 9.1 9.4 14.0#
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 1.431 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.071 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:122 Resp: 421
Ion Ratio Lower Upper
122 100
105 134.2 97.6 137.6
77 83.6 59.6 99.6

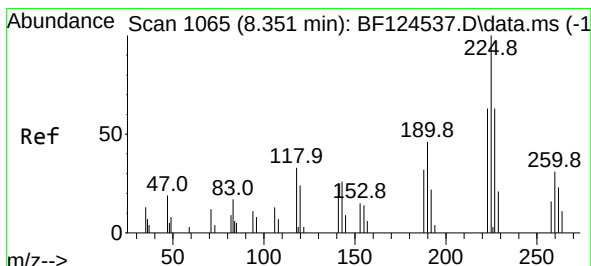
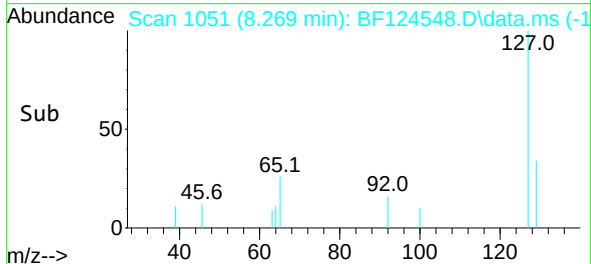
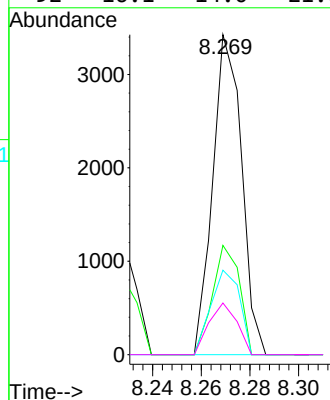
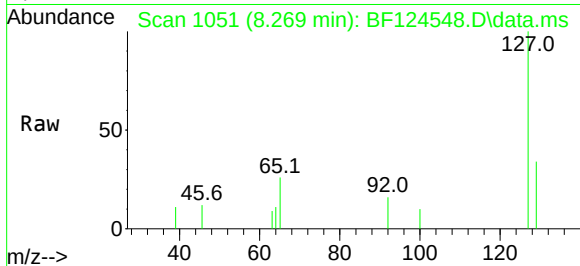




#33
4-Chloroaniline
Concen: 4.795 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

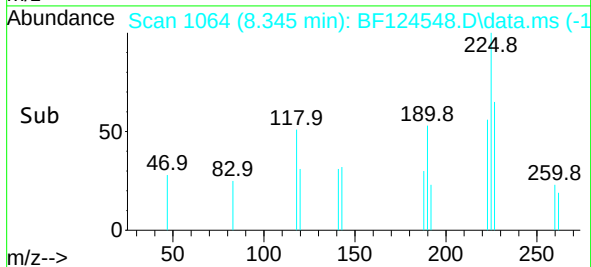
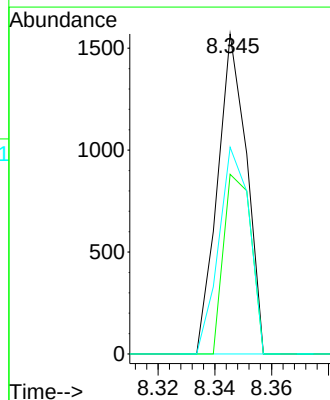
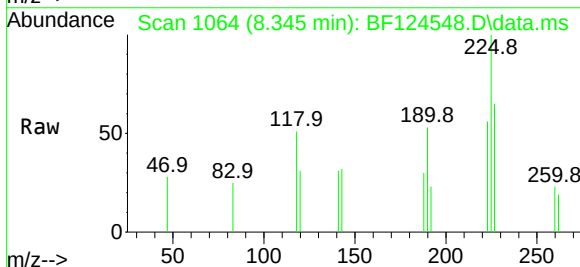
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

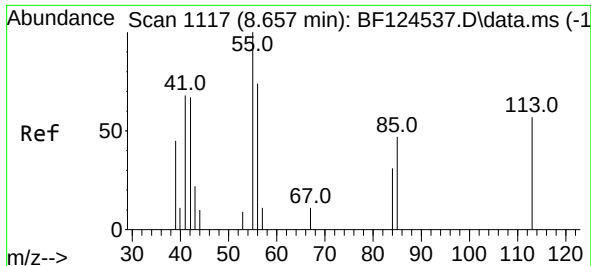
Tgt Ion:	127	Resp:	2817
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.7	38.5
65	26.4	21.2	31.8
92	16.1	14.0	21.0



#34
Hexachlorobutadiene
Concen: 4.093 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:	225	Resp:	1113
Ion	Ratio	Lower	Upper
225	100		
223	56.2	50.6	76.0
227	64.6	50.6	75.8

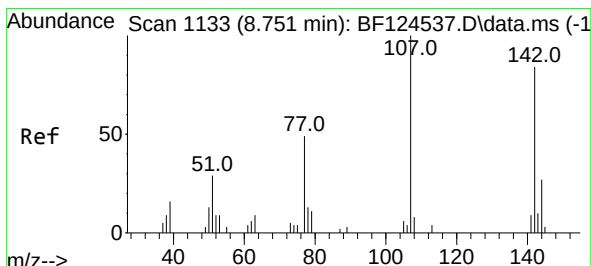
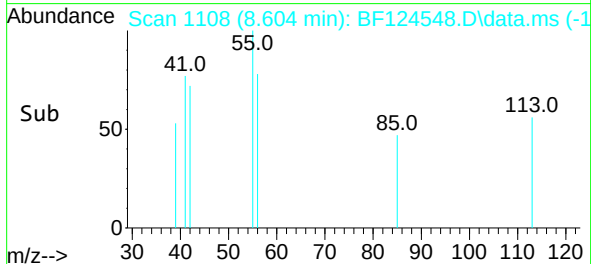
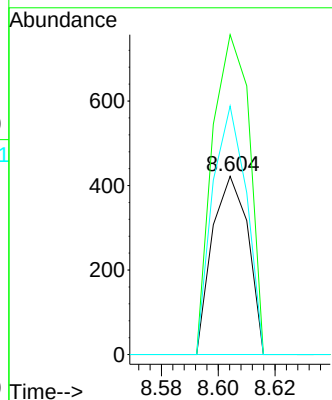
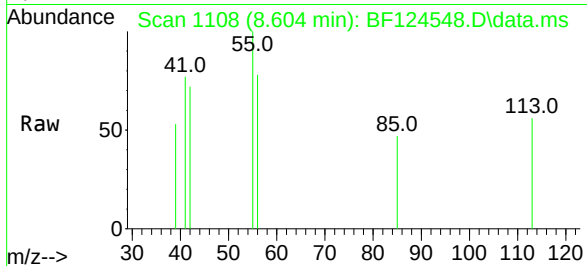




#35
Caprolactam
Concen: 3.351 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.053 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

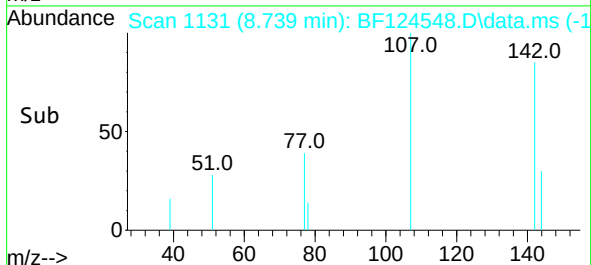
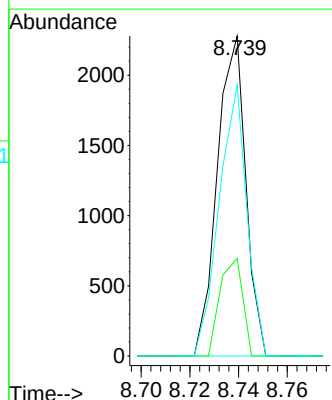
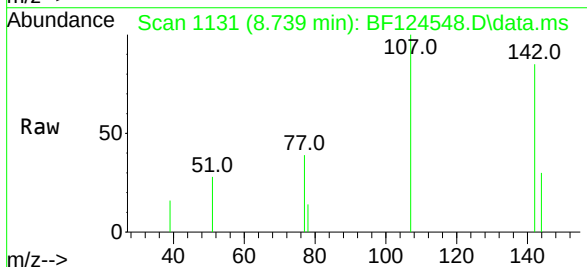
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

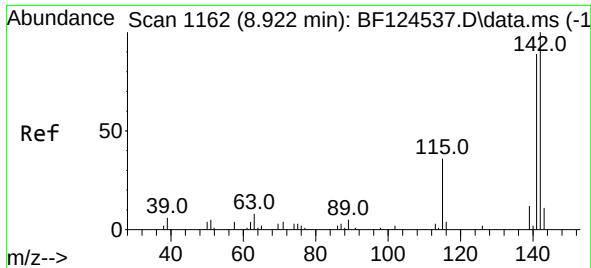
Tgt Ion:113 Resp: 369
Ion Ratio Lower Upper
113 100
55 179.4 154.1 194.1
56 139.3 108.7 148.7



#36
4-Chloro-3-methylphenol
Concen: 4.296 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:107 Resp: 1849
Ion Ratio Lower Upper
107 100
144 30.4 21.9 32.9
142 84.6 67.1 100.7

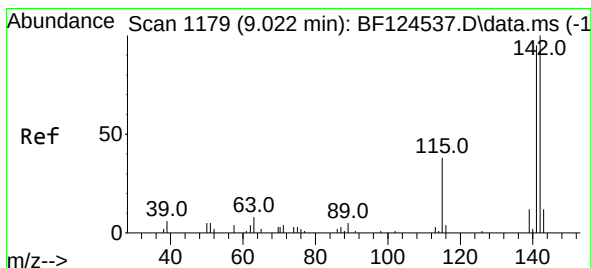
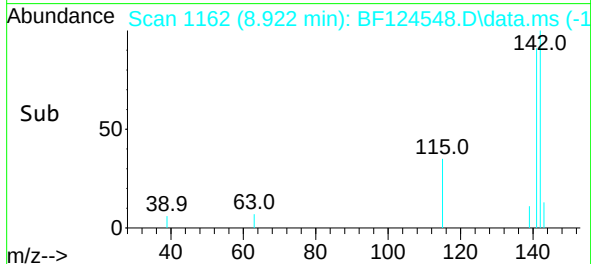
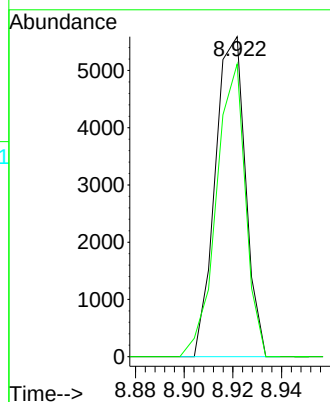
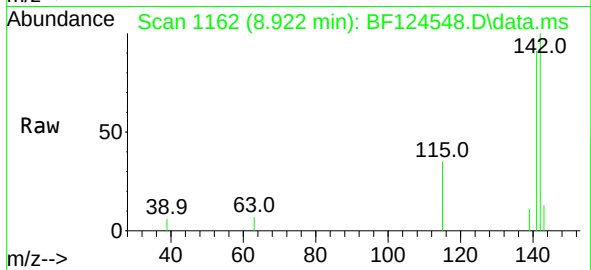




#37
2-Methylnaphthalene
Concen: 4.604 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

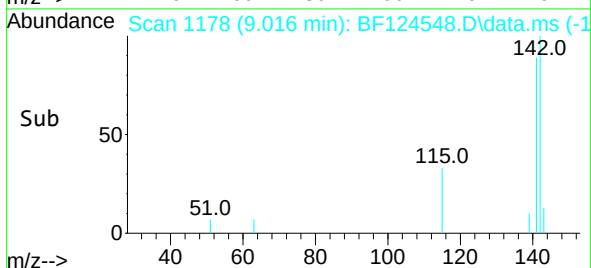
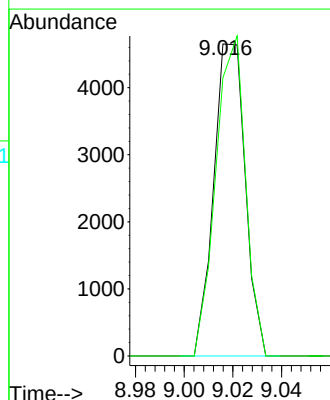
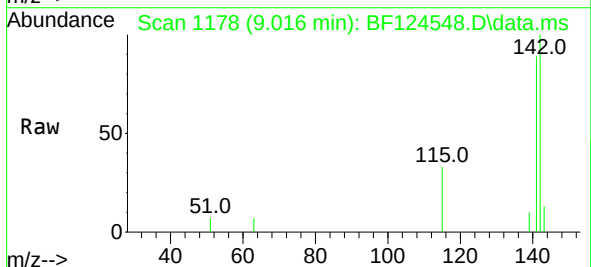
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

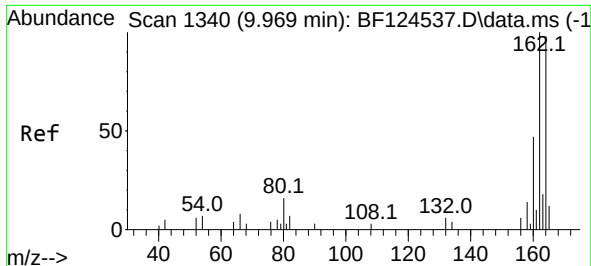
Tgt Ion:142 Resp: 4830
Ion Ratio Lower Upper
142 100
141 91.4 71.2 106.8



#38
1-Methylnaphthalene
Concen: 4.251 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

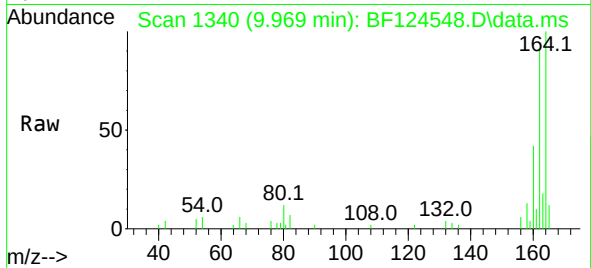
Tgt Ion:142 Resp: 4188
Ion Ratio Lower Upper
142 100
141 89.2 76.0 114.0



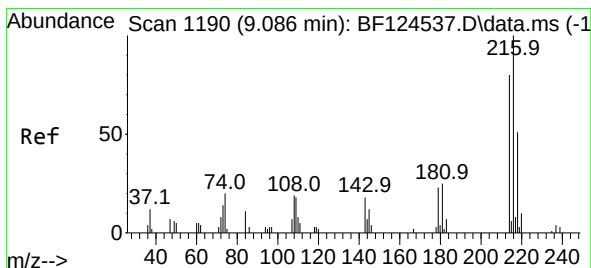
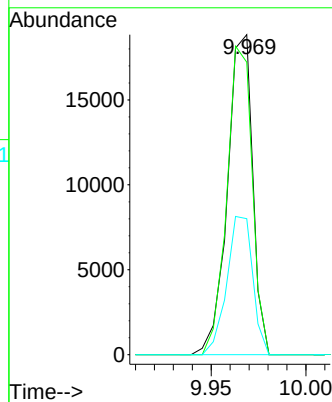
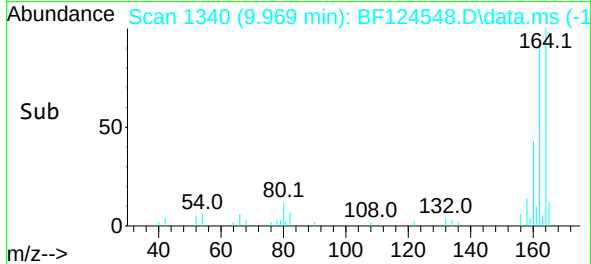


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

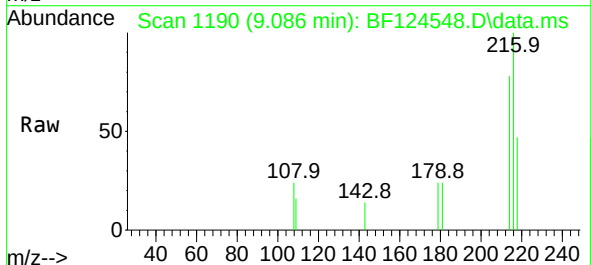
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021



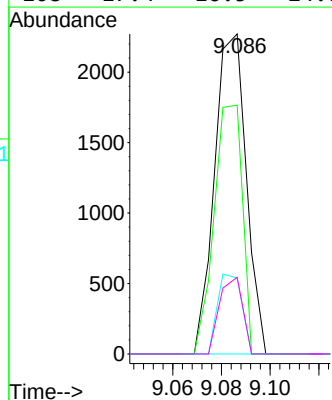
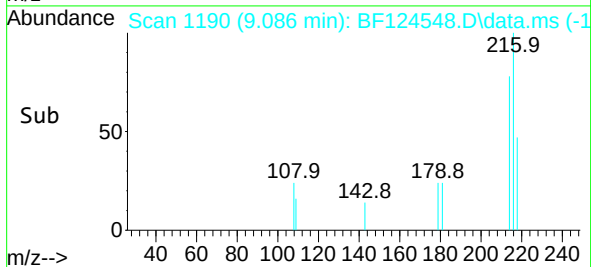
Tgt Ion:164 Resp: 17450
Ion Ratio Lower Upper
164 100
162 91.4 81.3 121.9
160 42.5 38.0 57.0

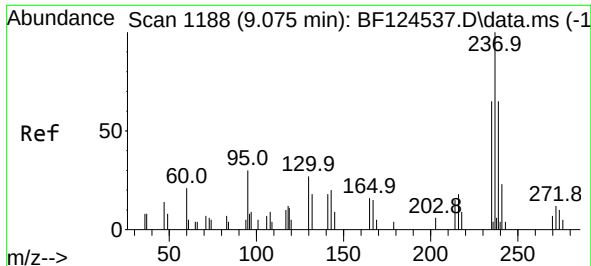


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.415 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26



Tgt Ion:216 Resp: 2055
Ion Ratio Lower Upper
216 100
214 69.3 64.9 97.3
179 19.0 17.4 26.2
108 17.4 16.5 24.7

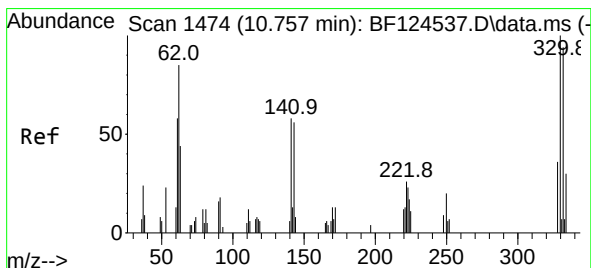
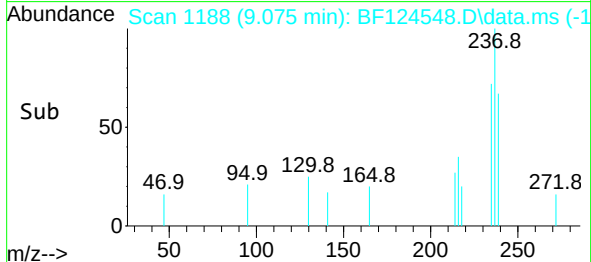
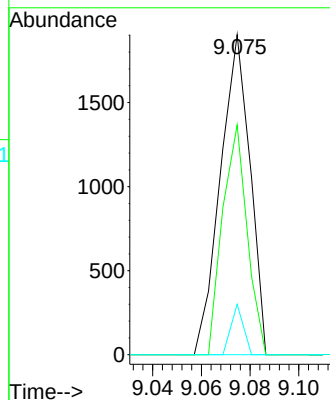
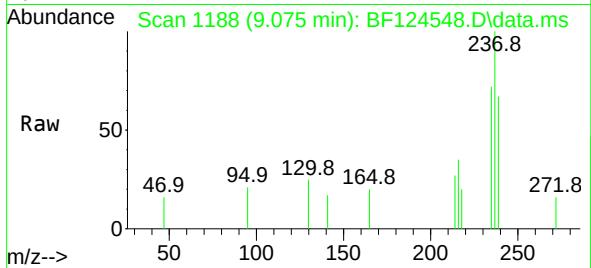




#41
Hexachlorocyclopentadiene
Concen: 5.541 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

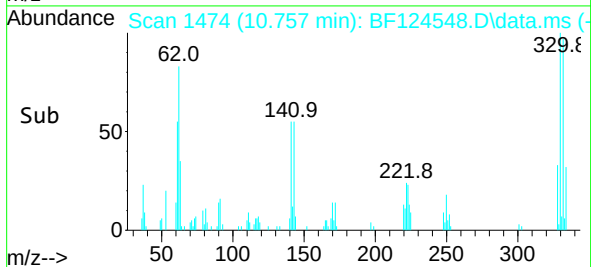
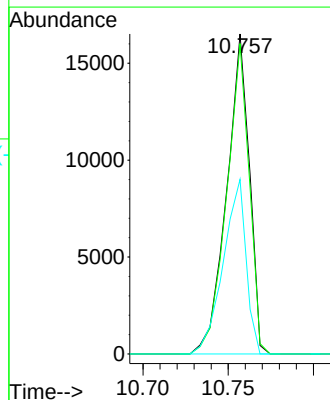
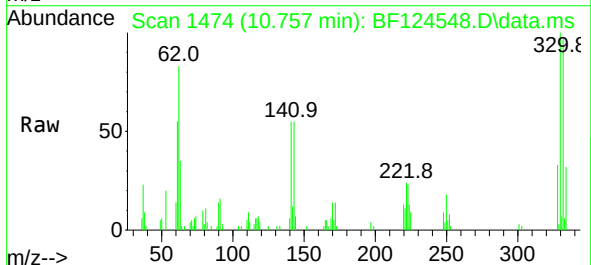
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

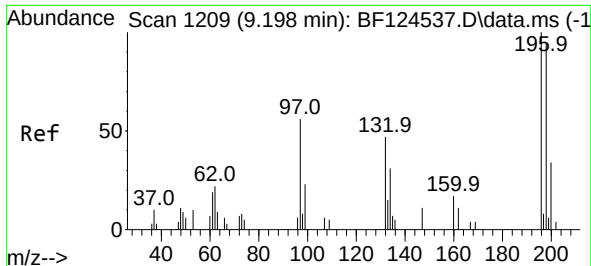
Tgt Ion:	237	Resp:	1611
Ion	Ratio	Lower	Upper
237	100		
235	71.8	44.7	84.7
272	15.8	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 112.583 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:	330	Resp:	15288
Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	54.9	44.6	66.8

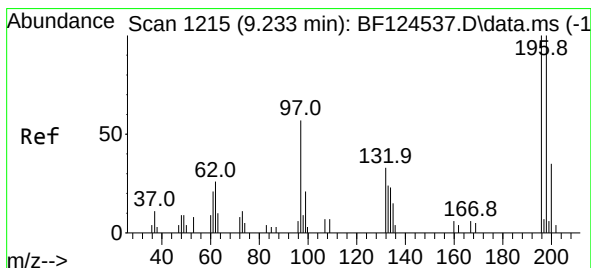
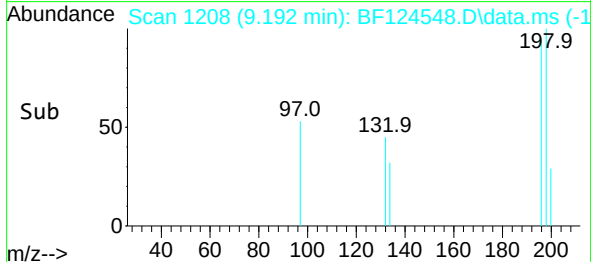
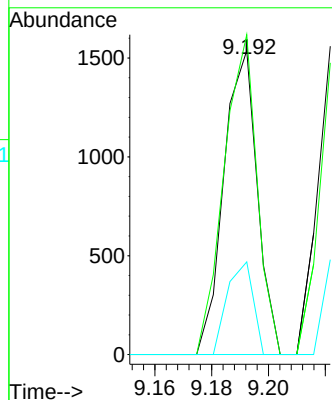
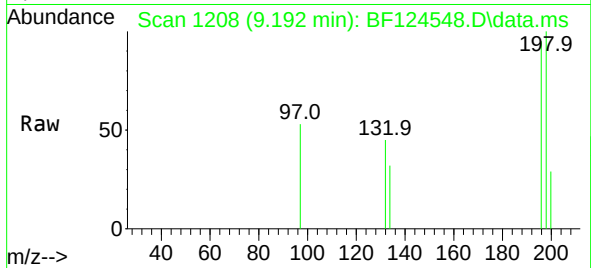




#43
2,4,6-Trichlorophenol
Concen: 3.741 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

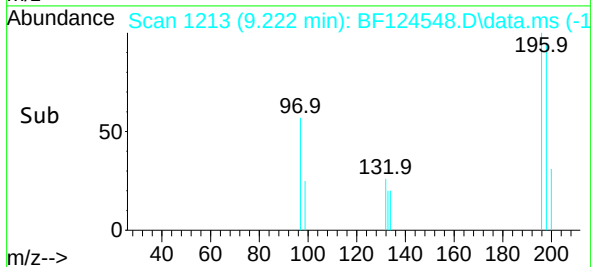
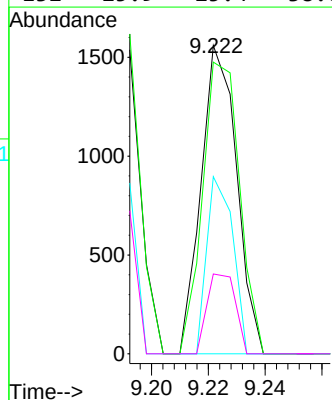
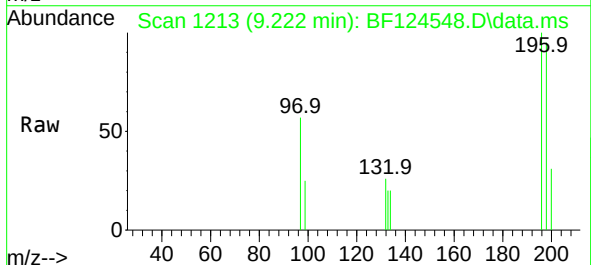
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

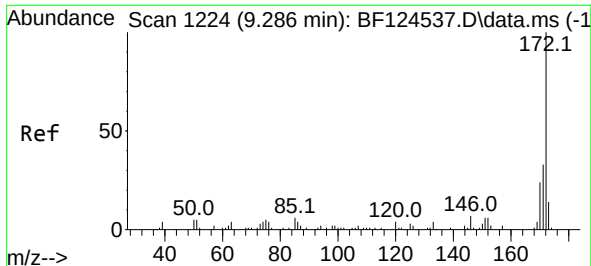
Tgt Ion:196 Resp: 1257
Ion Ratio Lower Upper
196 100
198 105.2 74.9 112.3
200 30.5 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 3.919 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.011 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:196 Resp: 1358
Ion Ratio Lower Upper
196 100
198 94.6 80.2 120.2
97 57.4 44.0 66.0
132 25.9 25.4 38.0

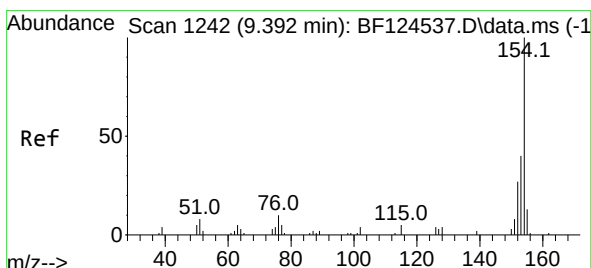
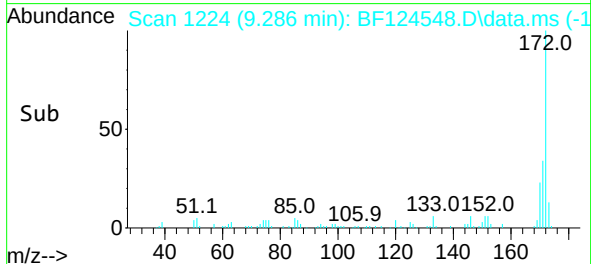
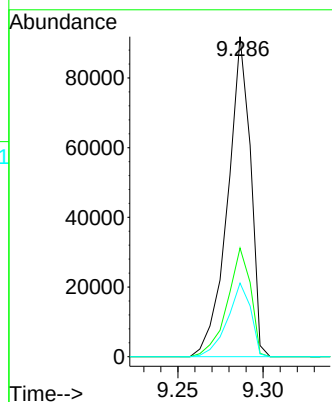
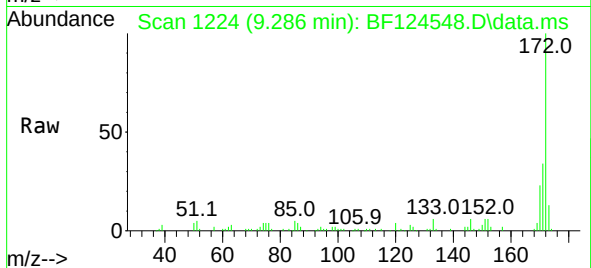




#45
2-Fluorobiphenyl
Concen: 71.043 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

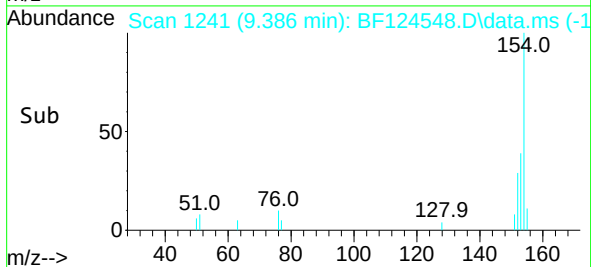
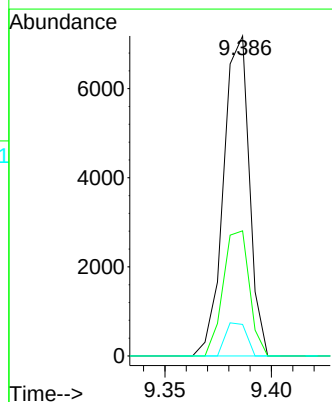
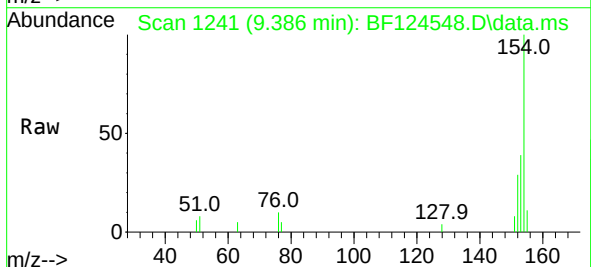
Instrument :
BNA_F
ClientSampleId :
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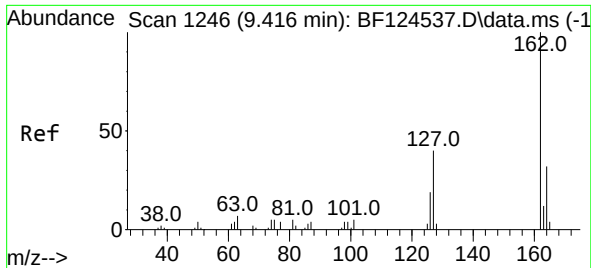
Tgt Ion:172 Resp: 85014
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 23.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 4.568 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:154 Resp: 6054
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 9.8 0.0 30.3

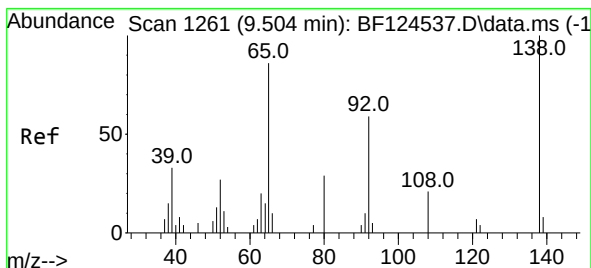
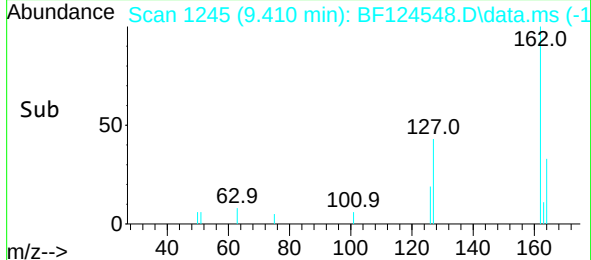
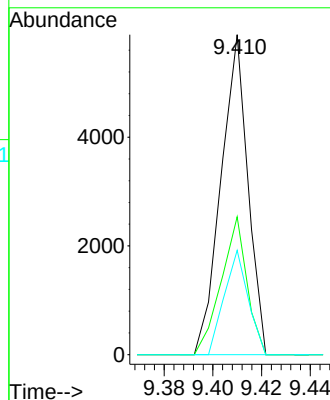
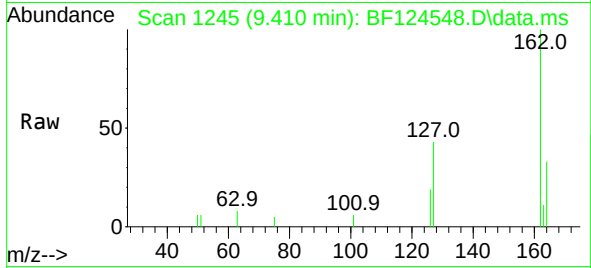




#47
2-Chloronaphthalene
Concen: 4.337 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

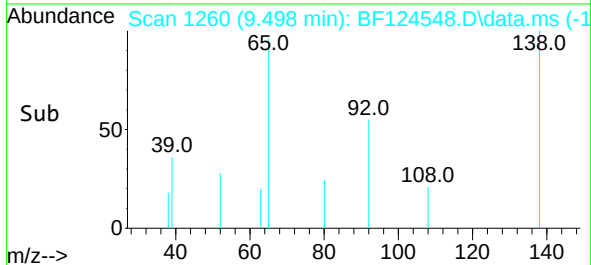
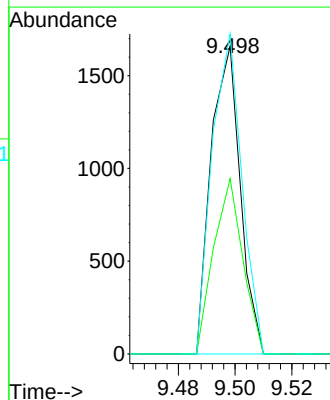
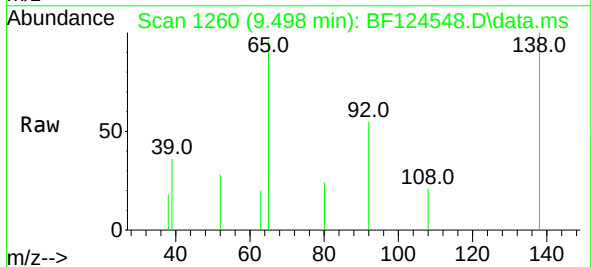
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

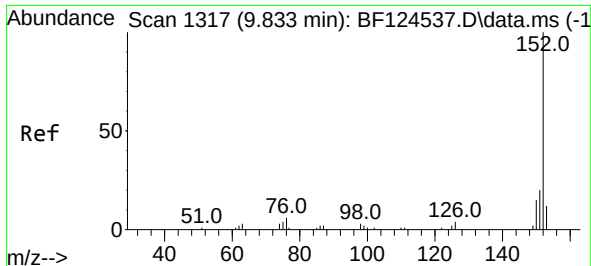
Tgt Ion:	162	Resp:	4507
Ion Ratio	Lower	Upper	
162	100		
127	43.1	33.0	49.4
164	32.6	25.8	38.8



#48
2-Nitroaniline
Concen: 4.738 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:	65	Resp:	1184
Ion Ratio	Lower	Upper	
65	100		
92	57.0	55.5	83.3
138	104.0	93.5	140.3





#49

Acenaphthylene

Concen: 4.321 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF124548.D

Acq: 13 Jul 2021 16:26

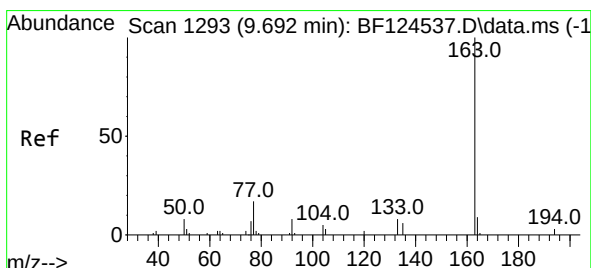
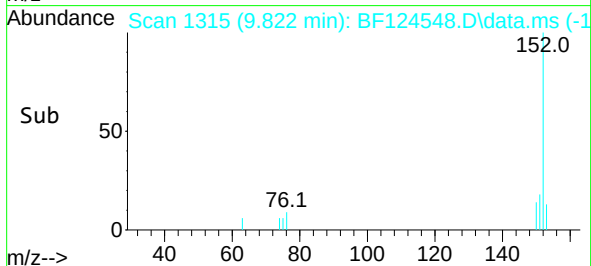
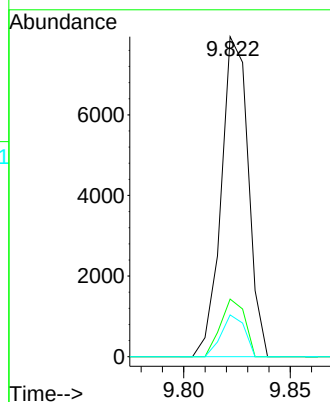
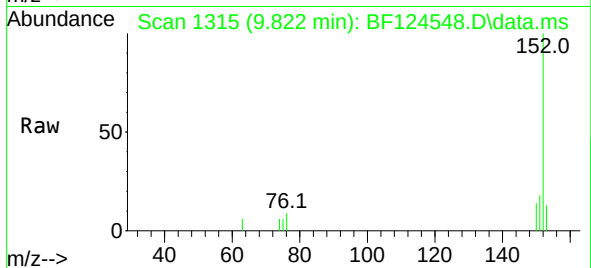
Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion:152	Resp:	7007
Ion Ratio	Lower	Upper
152	100	
151	18.0	15.7 23.5
153	13.1	9.8 14.8



#50

Dimethylphthalate

Concen: 4.262 ng

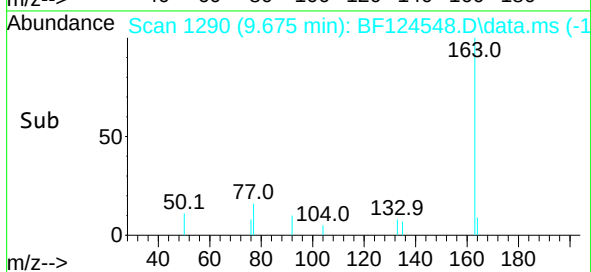
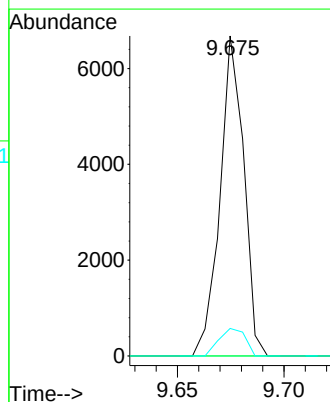
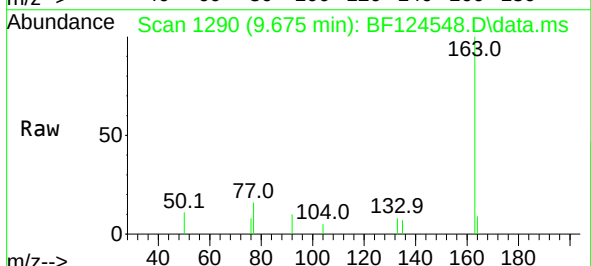
RT: 9.675 min Scan# 1290

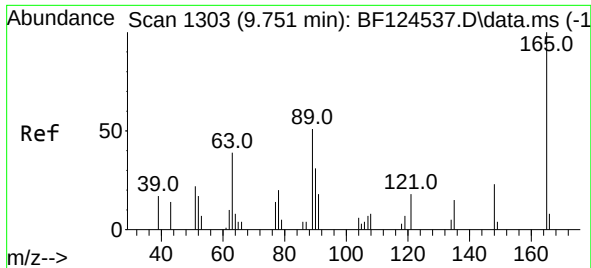
Delta R.T. -0.017 min

Lab File: BF124548.D

Acq: 13 Jul 2021 16:26

Tgt Ion:163	Resp:	5174
Ion Ratio	Lower	Upper
163	100	
194	0.0	2.6 3.8#
164	8.6	7.4 11.0

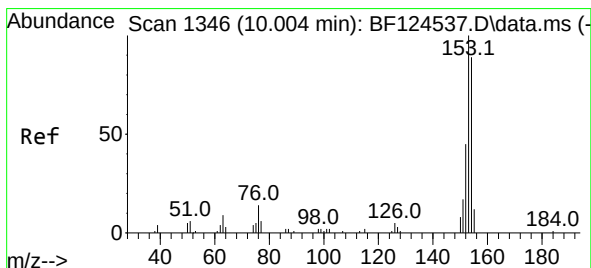
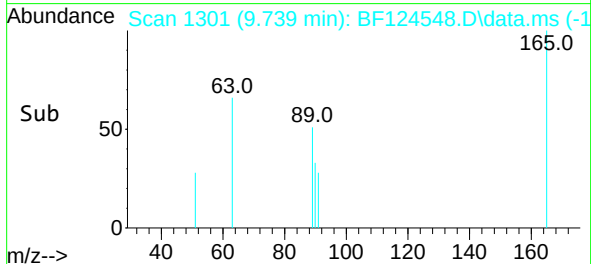
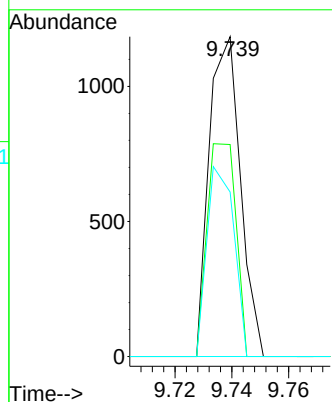
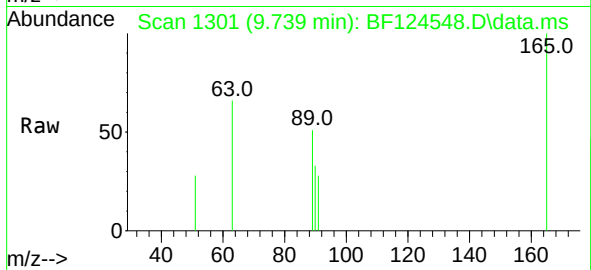




#51
2,6-Dinitrotoluene
Concen: 3.769 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

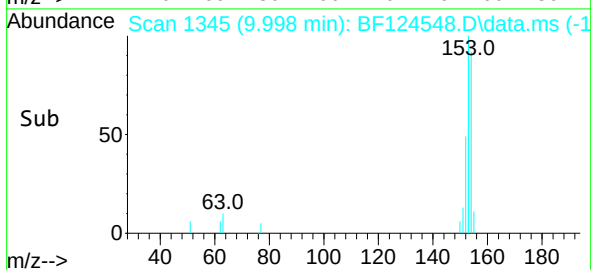
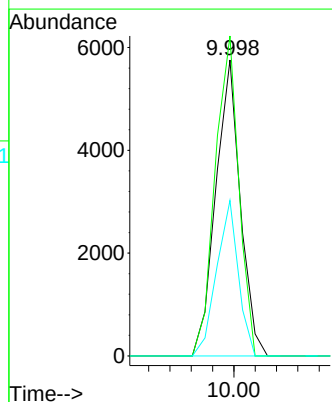
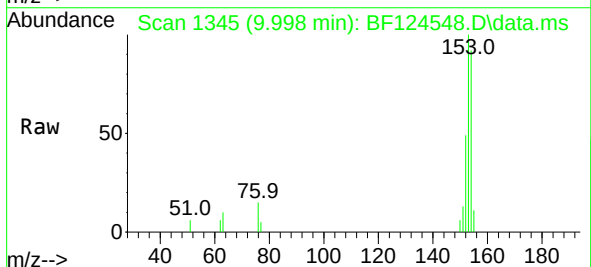
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

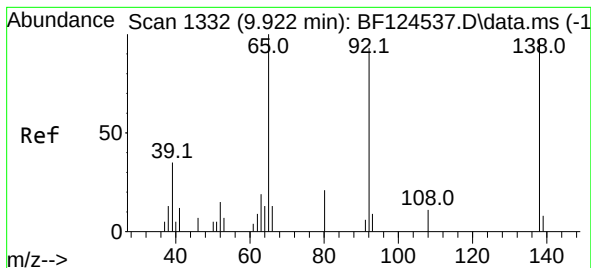
Tgt Ion:165 Resp: 902
Ion Ratio Lower Upper
165 100
63 66.3 42.6 63.8#
89 51.4 40.6 60.8



#52
Acenaphthene
Concen: 4.449 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:154 Resp: 4613
Ion Ratio Lower Upper
154 100
153 108.1 89.4 134.2
152 52.5 40.5 60.7

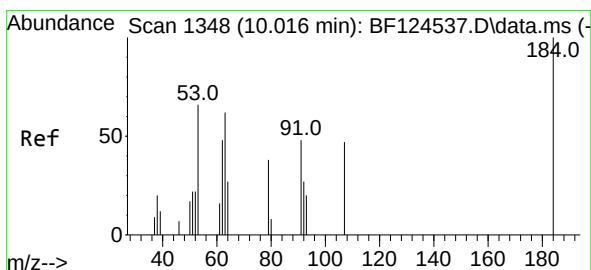
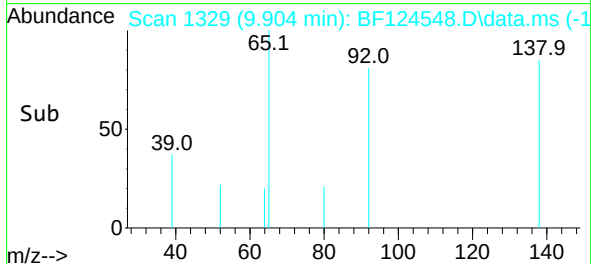
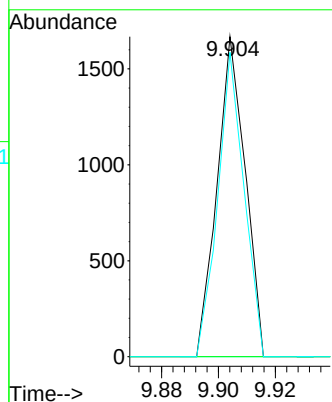
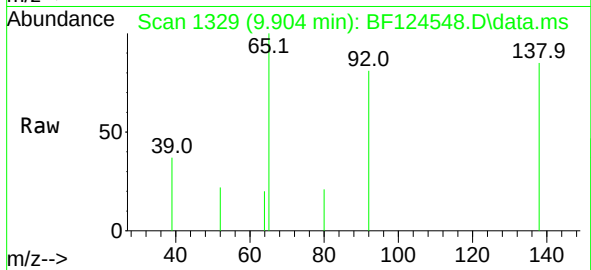




#53
3-Nitroaniline
Concen: 4.291 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.017 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

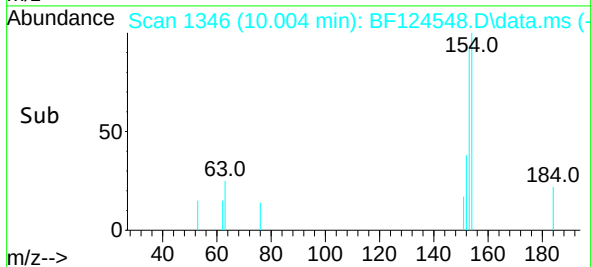
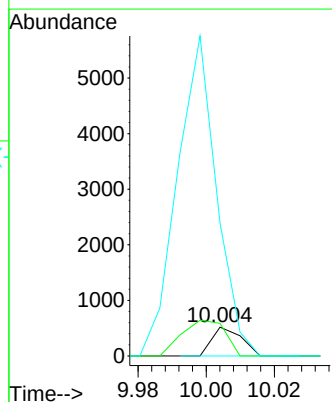
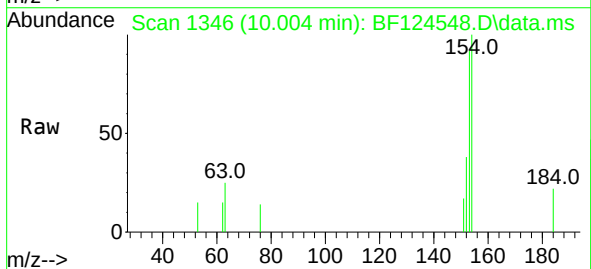
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

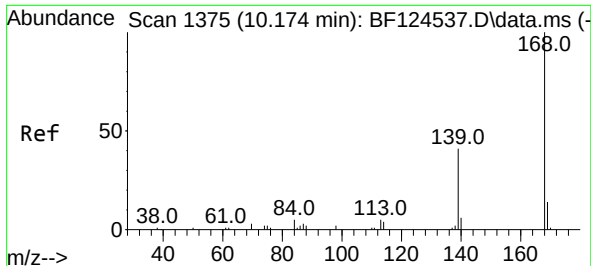
Tgt Ion:138 Resp: 1146
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 95.1 76.5 114.7



#54
2,4-Dinitrophenol
Concen: 2.490 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

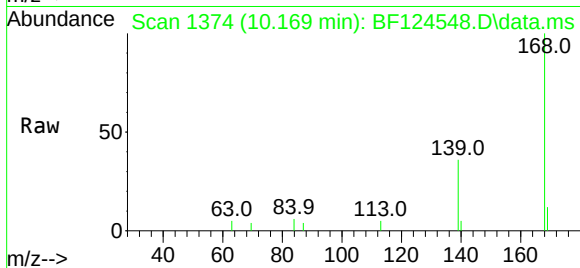
Tgt Ion:184 Resp: 311
Ion Ratio Lower Upper
184 100
63 113.3 59.3 88.9#
154 460.6 68.6 102.8#



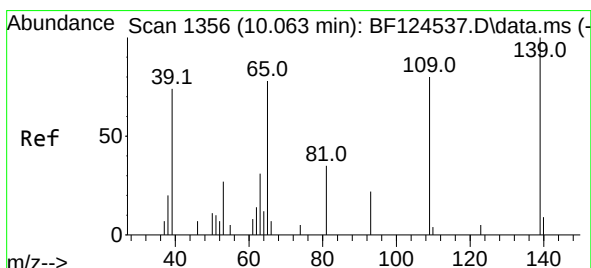
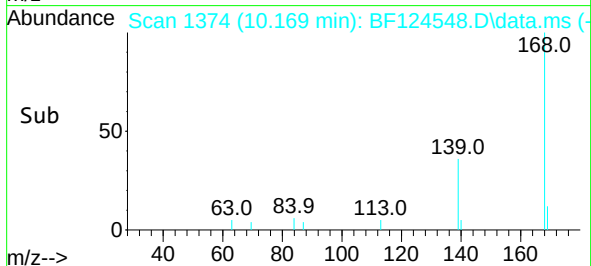
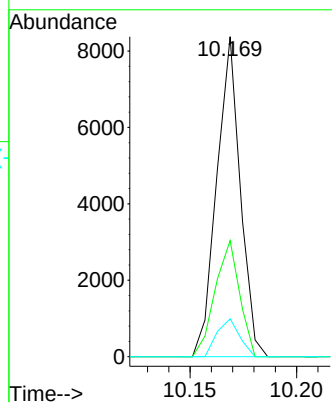


#55
Dibenzofuran
Concen: 4.218 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

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

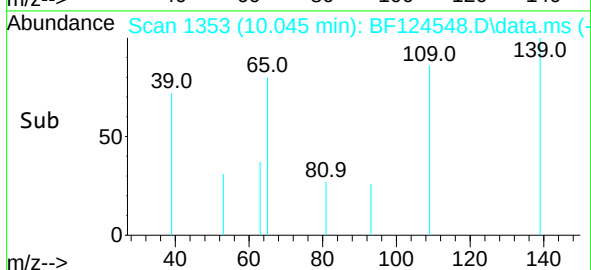
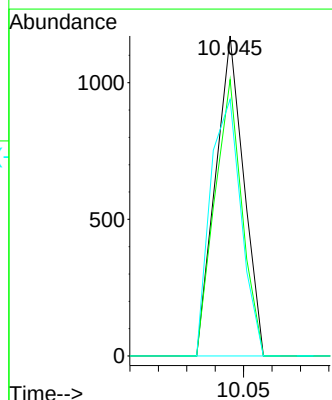
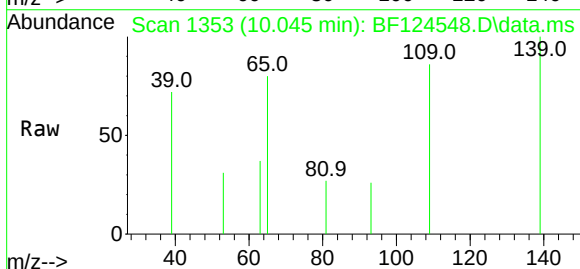


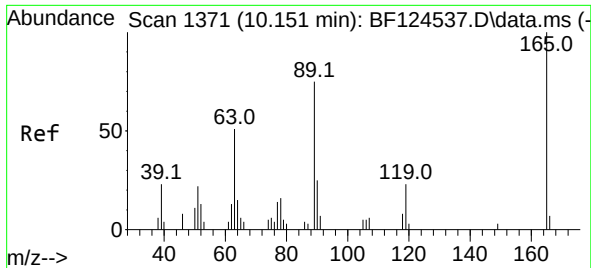
Tgt Ion:168 Resp: 6430
Ion Ratio Lower Upper
168 100
139 36.3 32.7 49.1
169 11.9 11.2 16.8



#56
4-Nitrophenol
Concen: 3.630 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.017 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

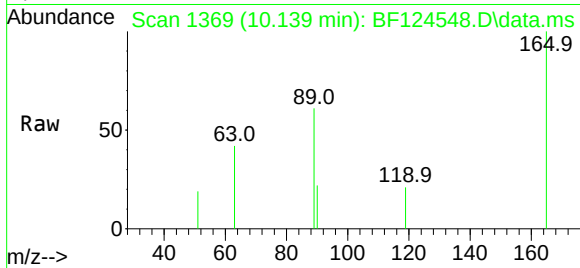
Tgt Ion:139 Resp: 807
Ion Ratio Lower Upper
139 100
109 86.4 60.4 100.4
65 80.2 58.4 98.4



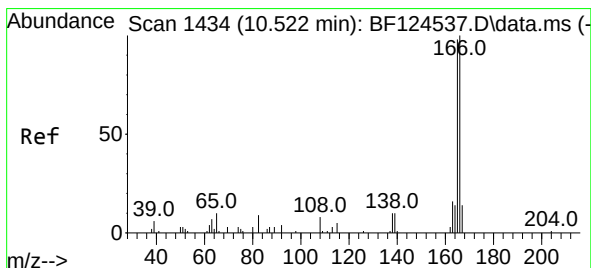
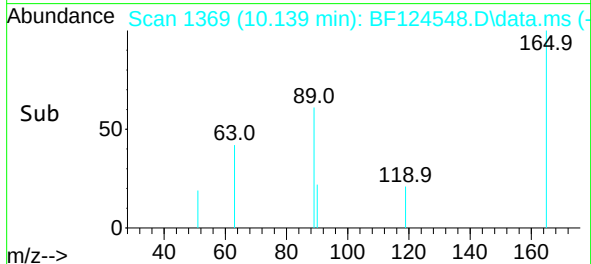
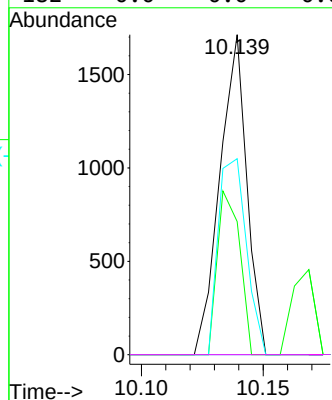


#57
2,4-Dinitrotoluene
Concen: 4.035 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

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

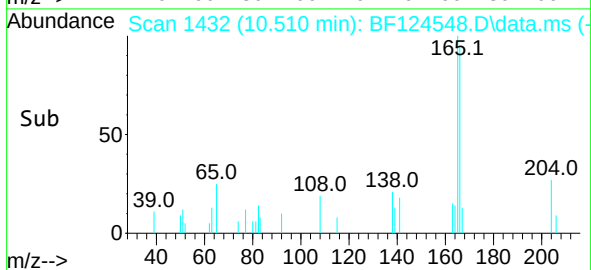
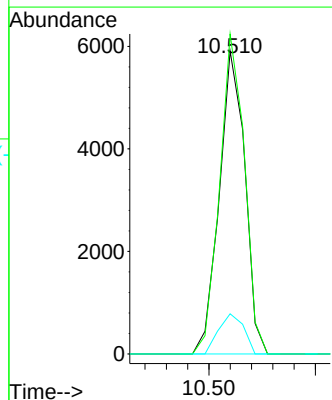
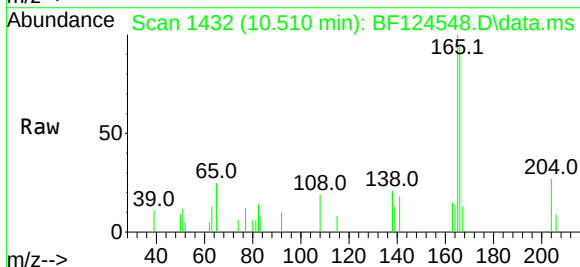


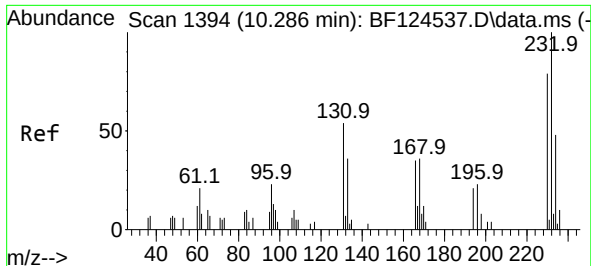
Tgt Ion:	165	Resp:	1322
Ion	Ratio	Lower	Upper
165	100		
63	41.6	40.9	61.3
89	61.2	59.7	89.5
182	0.0	0.0	0.0



#58
Fluorene
Concen: 4.179 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:	166	Resp:	4928
Ion	Ratio	Lower	Upper
166	100		
165	105.7	78.1	117.1
167	13.3	11.1	16.7

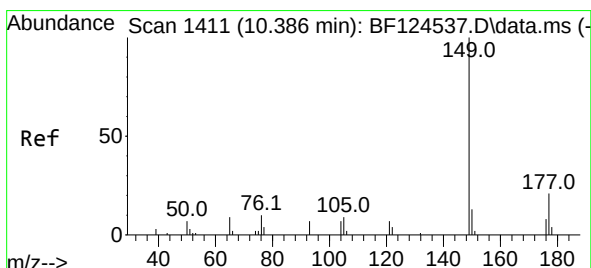
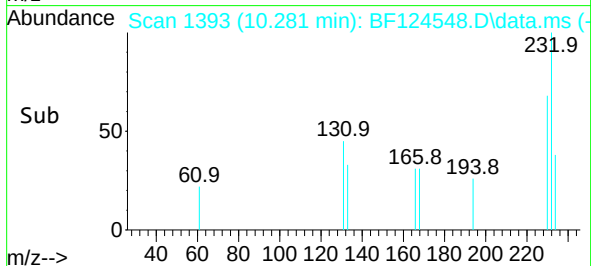
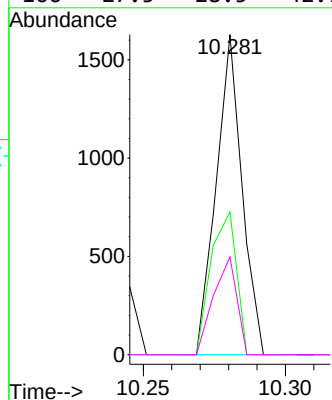
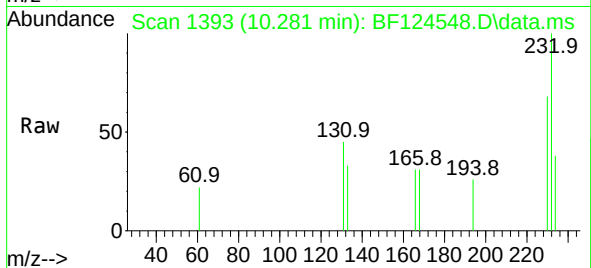




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.830 ng
RT: 10.281 min Scan# 1393
Delta R.T. -0.005 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

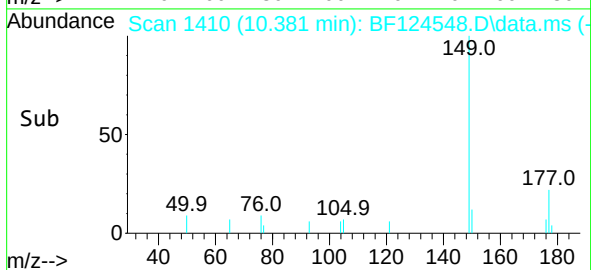
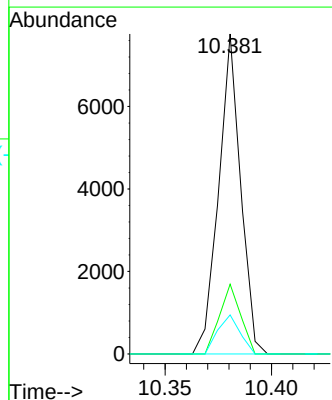
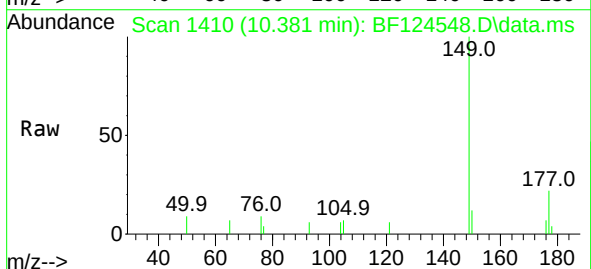
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

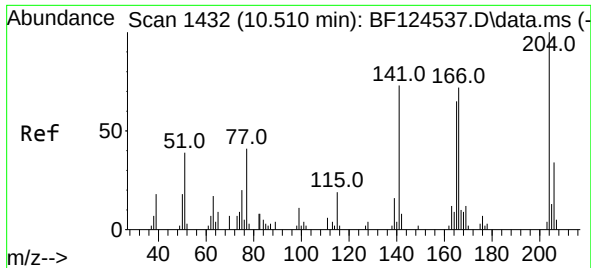
Tgt Ion:232	Resp:	1025
Ion Ratio	Lower	Upper
232	100	
131	44.2	45.4 68.0#
130	0.0	0.0 0.0
166	27.5	28.5 42.7#



#60
Diethylphthalate
Concen: 4.370 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:149	Resp:	5547
Ion Ratio	Lower	Upper
149	100	
177	21.8	16.5 24.7
150	12.2	10.1 15.1

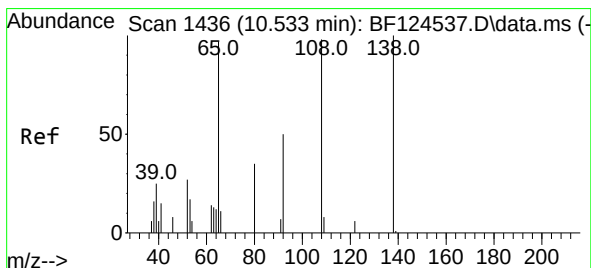
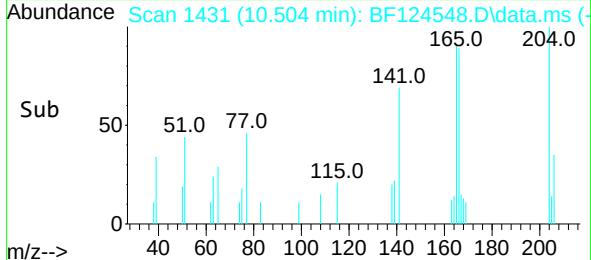
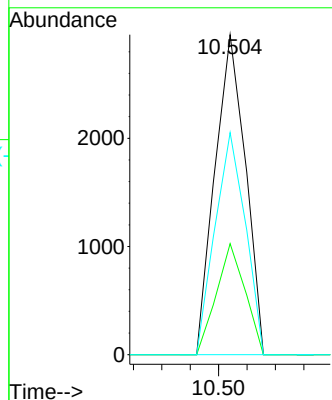
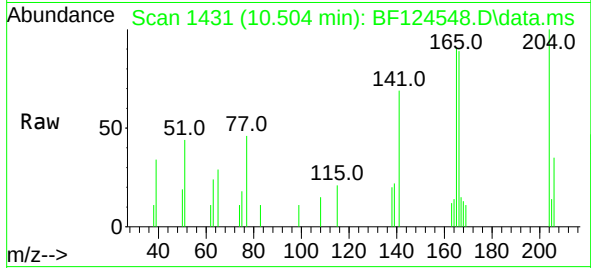




#61
4-Chlorophenyl-phenylether
Concen: 4.114 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

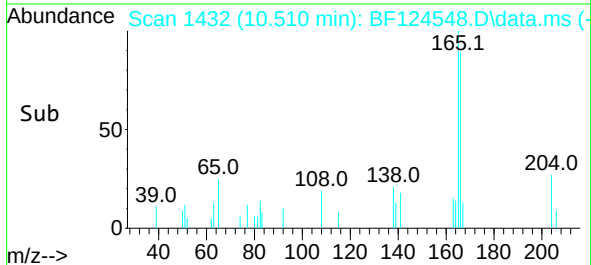
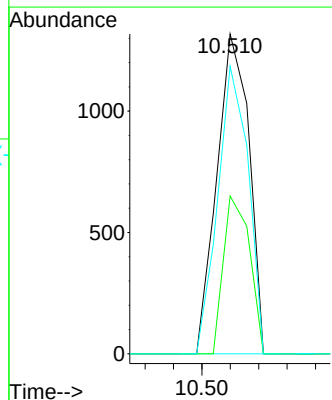
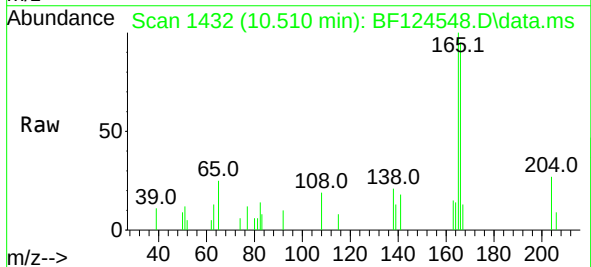
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

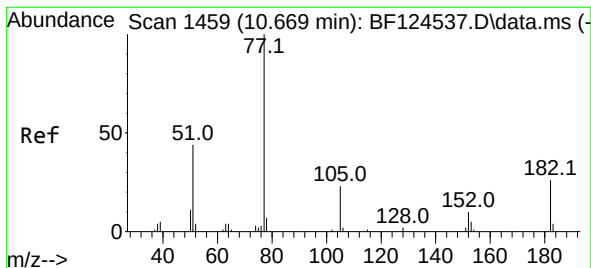
Tgt Ion:204	Resp:	2202
Ion Ratio	Lower	Upper
204	100	
206	34.7	27.6 41.4
141	69.4	58.6 88.0



#62
4-Nitroaniline
Concen: 3.841 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.023 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:138	Resp:	1034
Ion Ratio	Lower	Upper
138	100	
92	49.3	29.6 69.6
108	89.9	78.1 118.1

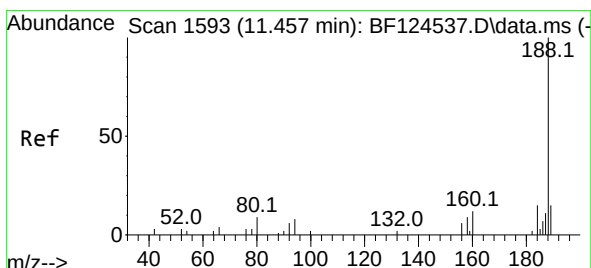
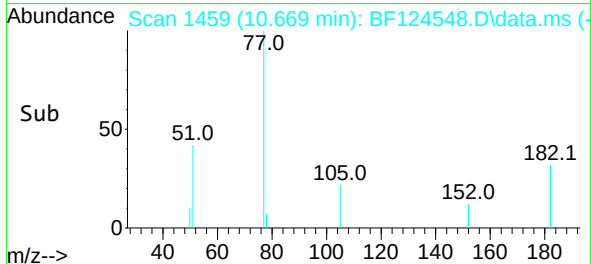
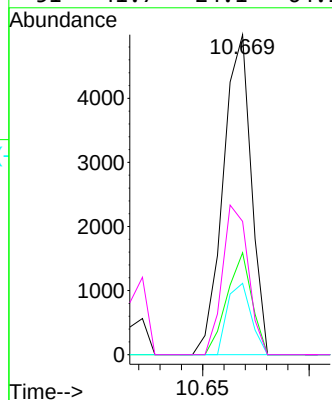
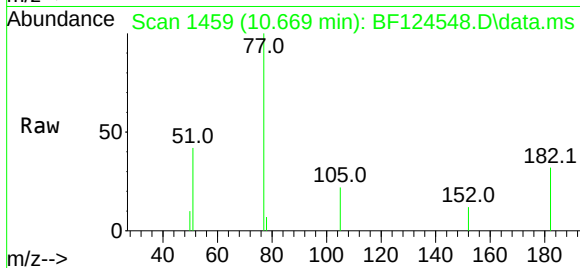




#63
Azobenzene
Concen: 4.105 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

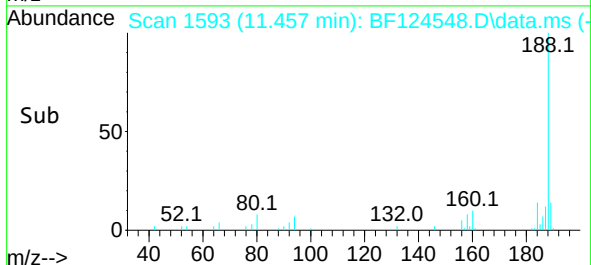
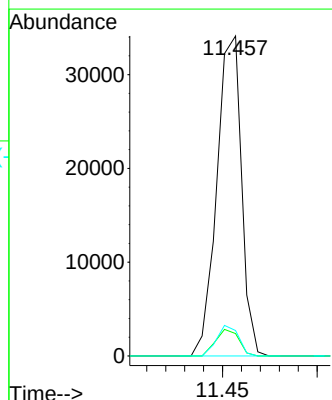
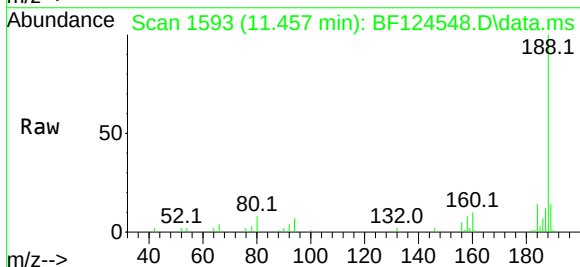
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

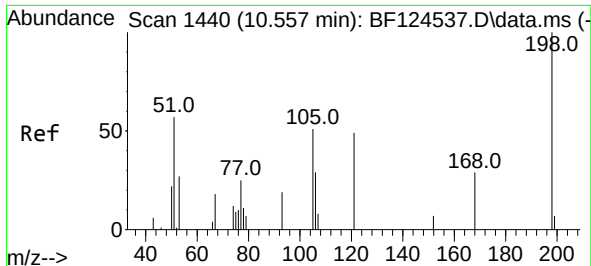
Tgt Ion: 77	Resp: 4555
Ion Ratio	Lower Upper
77 100	
182 31.8	6.3 46.3
105 22.3	2.9 42.9
51 41.7	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion: 188	Resp: 30949
Ion Ratio	Lower Upper
188 100	
94 7.0	6.7 10.1
80 8.0	7.5 11.3

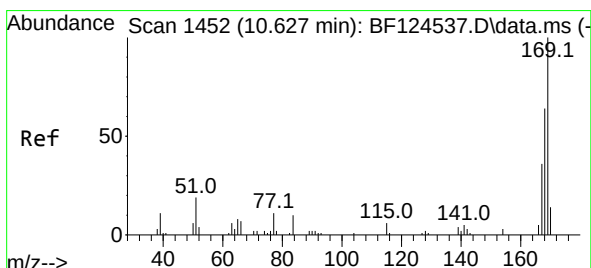
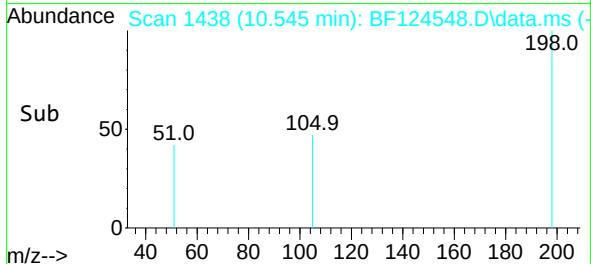
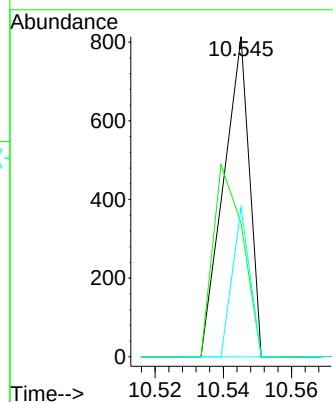
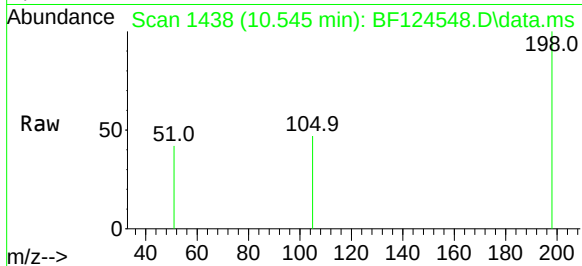




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.415 ng
 RT: 10.545 min Scan# 1438
 Delta R.T. -0.012 min
 Lab File: BF124548.D
 Acq: 13 Jul 2021 16:26

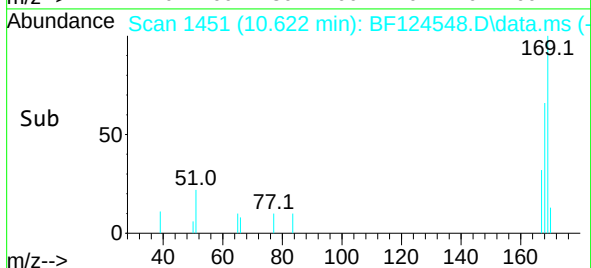
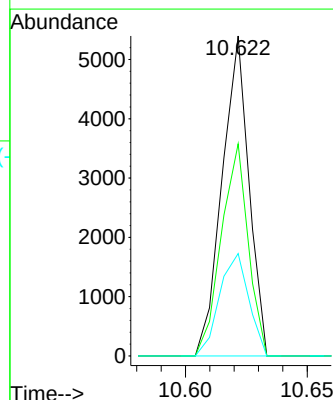
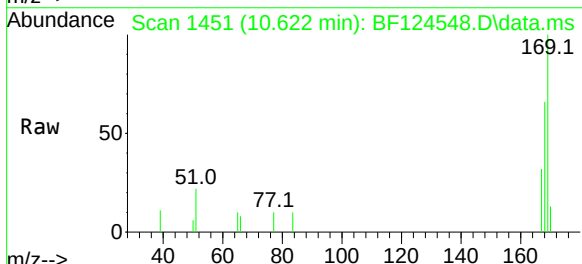
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

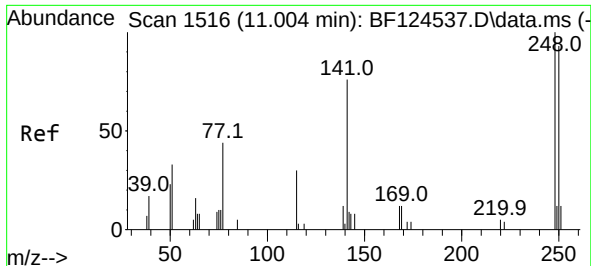
Tgt Ion:198 Resp: 427
 Ion Ratio Lower Upper
 198 100
 51 41.8 45.3 85.3#
 105 46.7 30.6 70.6



#66
 n-Nitrosodiphenylamine
 Concen: 4.091 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF124548.D
 Acq: 13 Jul 2021 16:26

Tgt Ion:169 Resp: 4123
 Ion Ratio Lower Upper
 169 100
 168 66.3 50.8 76.2
 167 32.0 28.8 43.2

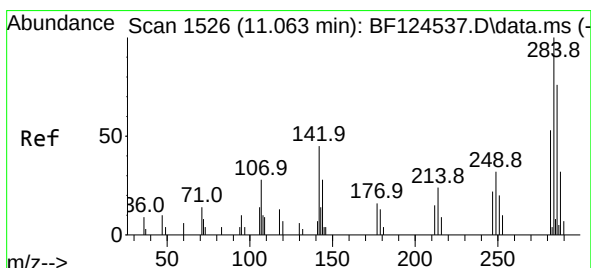
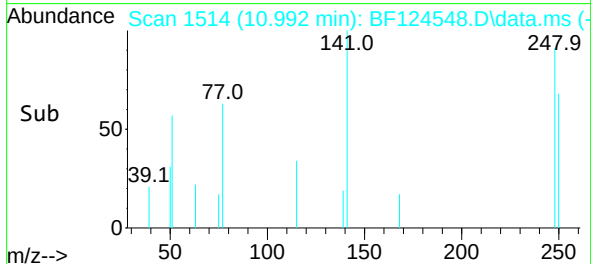
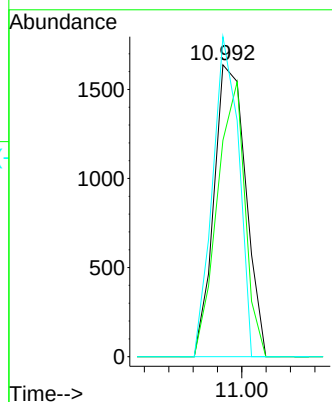
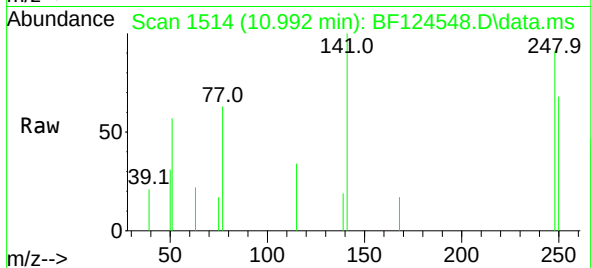




#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

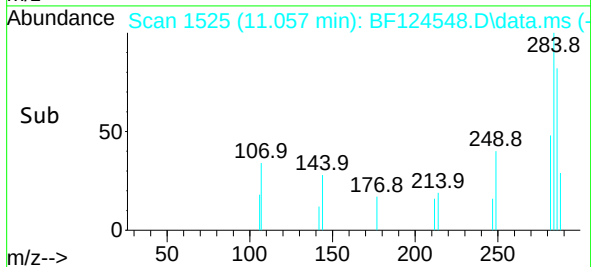
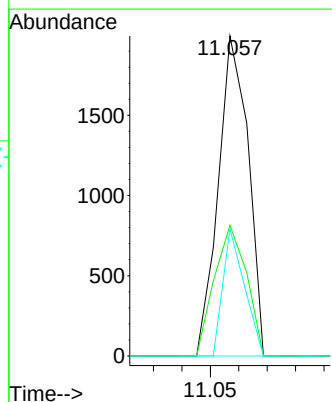
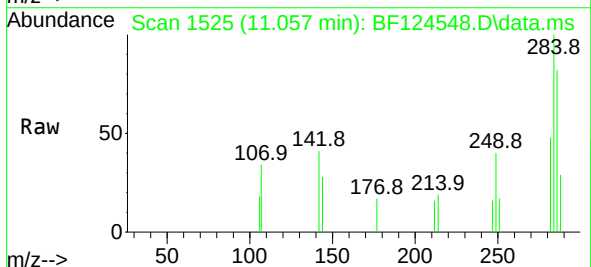
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

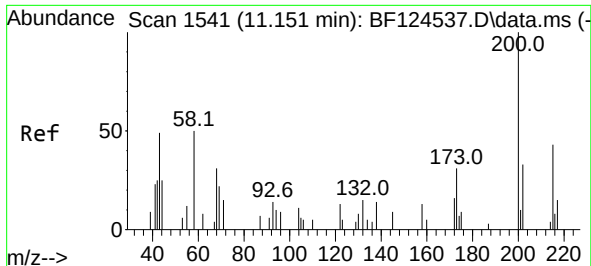
Tgt Ion:248 Resp: 1488
Ion Ratio Lower Upper
248 100
250 74.1 74.2 111.4#
141 109.6 60.4 90.6#



#68
Hexachlorobenzene
Concen: 4.434 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:284 Resp: 1454
Ion Ratio Lower Upper
284 100
142 40.9 36.4 54.6
249 39.7 25.6 38.4#

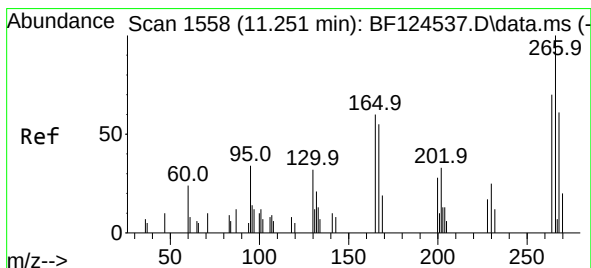
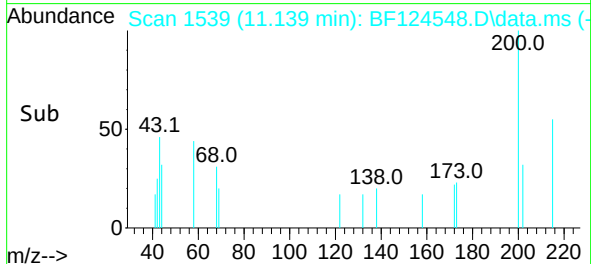
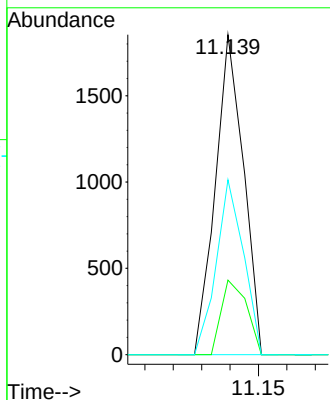
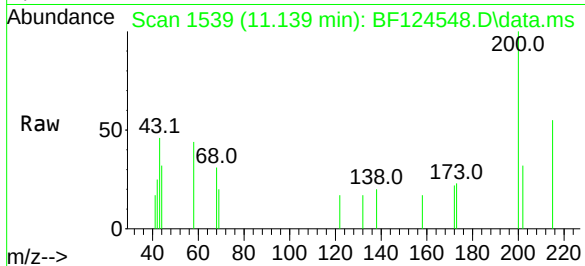




#69
Atrazine
Concen: 4.125 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

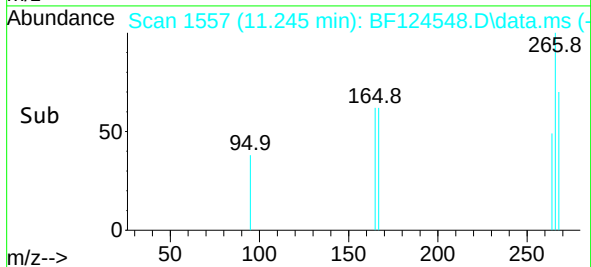
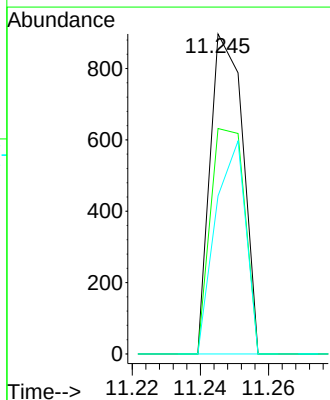
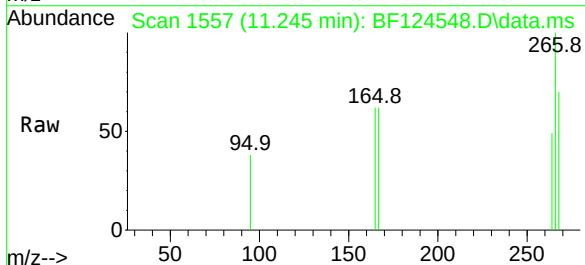
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

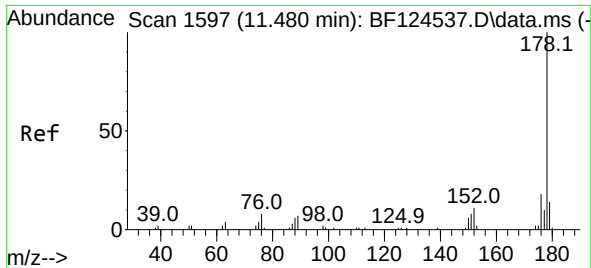
Tgt Ion:200 Resp: 1273
Ion Ratio Lower Upper
200 100
173 23.3 11.1 51.1
215 54.6 22.7 62.7



#70
Pentachlorophenol
Concen: 2.869 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:266 Resp: 595
Ion Ratio Lower Upper
266 100
268 70.5 48.9 73.3
264 49.4 55.9 83.9#

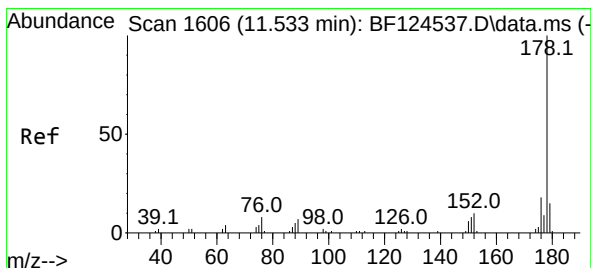
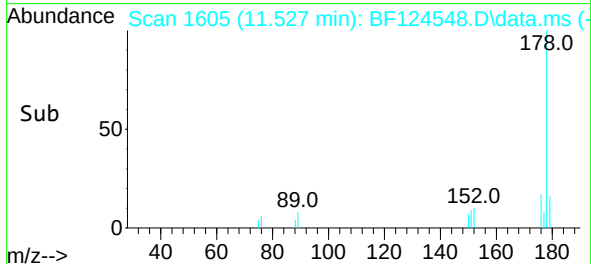
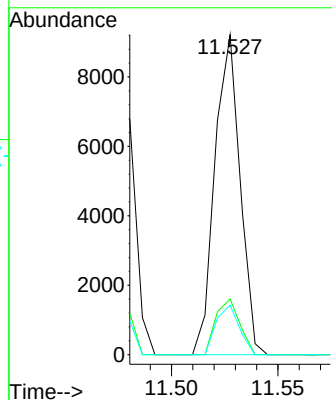
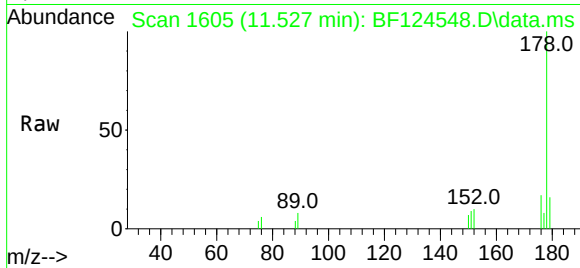




#71
Phenanthrene
Concen: 4.489 ng
RT: 11.527 min Scan# 1605
Delta R.T. 0.047 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

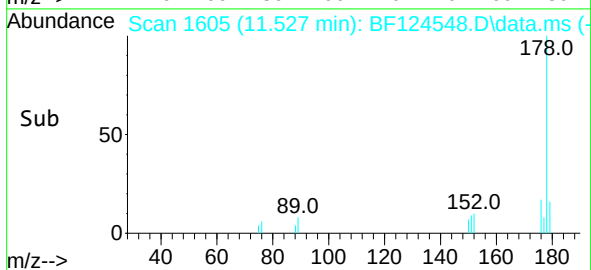
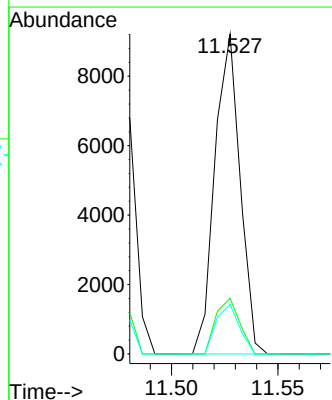
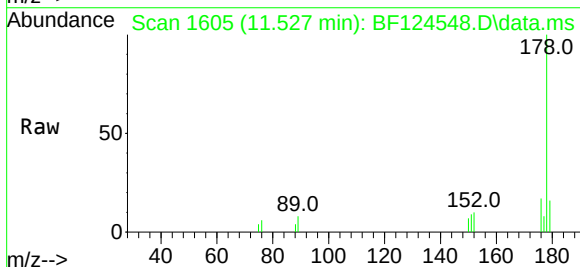
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

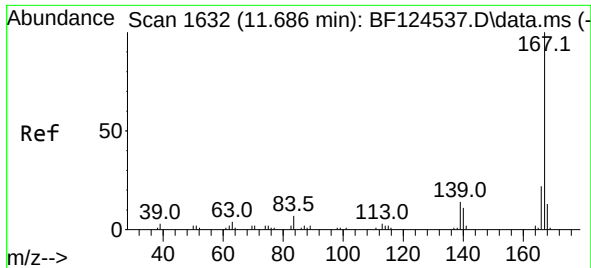
Tgt Ion:178 Resp: 7579
Ion Ratio Lower Upper
178 100
176 17.4 14.7 22.1
179 15.5 11.5 17.3



#72
Anthracene
Concen: 4.474 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

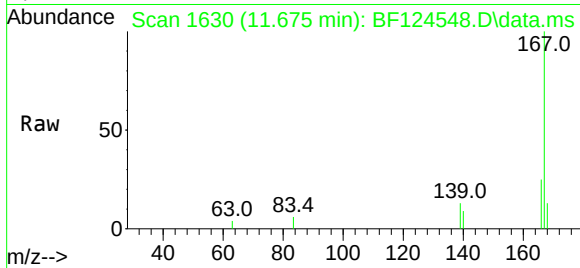
Tgt Ion:178 Resp: 7579
Ion Ratio Lower Upper
178 100
176 17.4 14.3 21.5
179 15.5 12.2 18.4



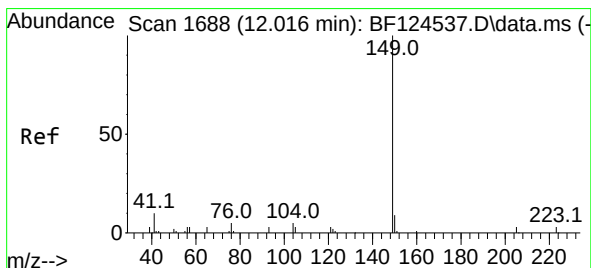
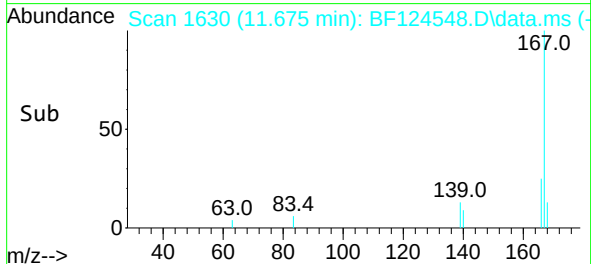
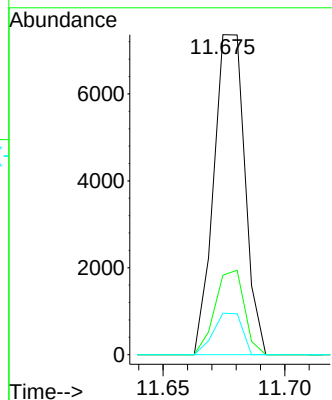


#73
Carbazole
Concen: 4.180 ng
RT: 11.675 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

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

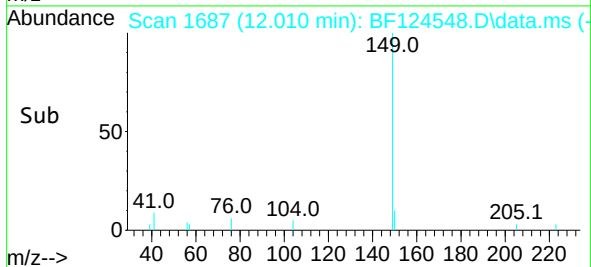
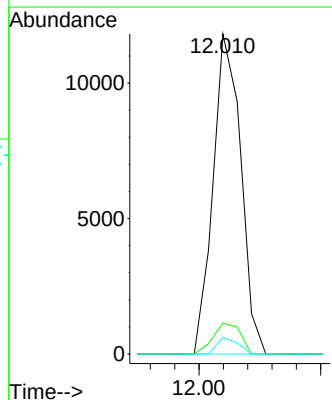
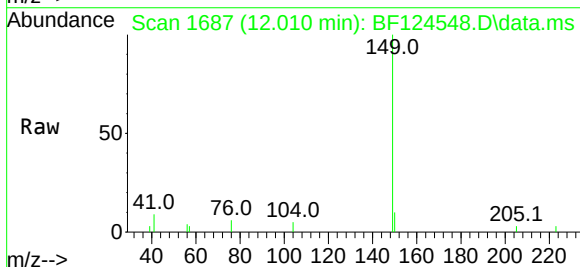


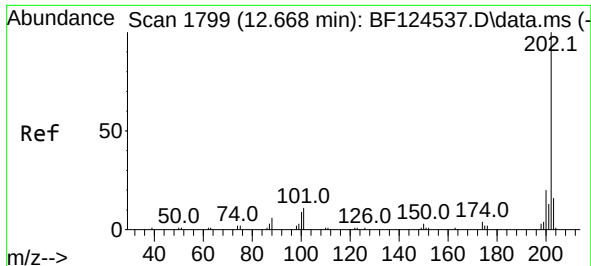
Tgt Ion:167 Resp: 6543
Ion Ratio Lower Upper
167 100
166 24.8 17.4 26.0
139 12.9 11.0 16.4



#74
Di-n-butylphthalate
Concen: 4.429 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:149 Resp: 9338
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 5.2 4.1 6.1

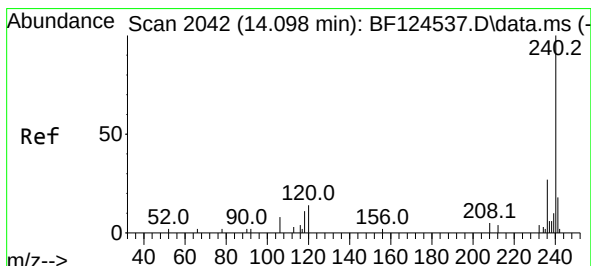
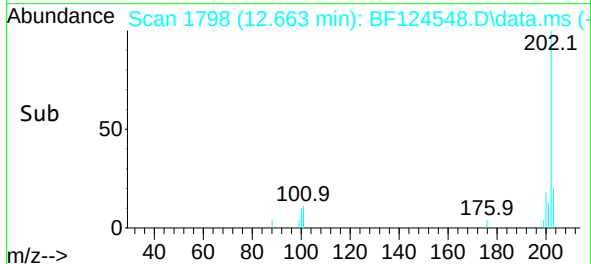
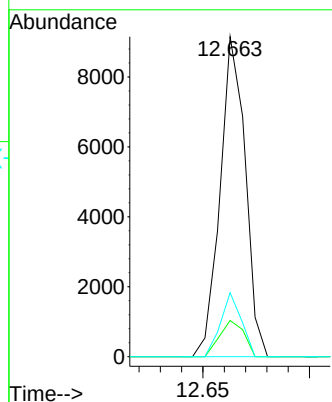
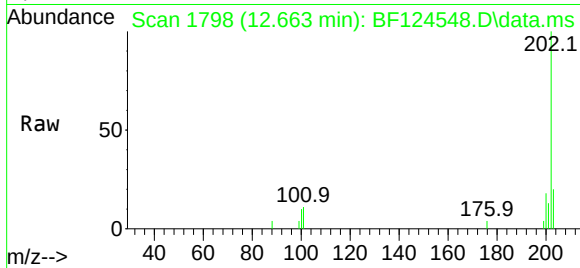




#75
Fluoranthene
Concen: 4.411 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

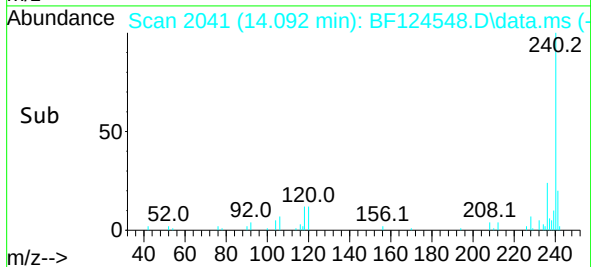
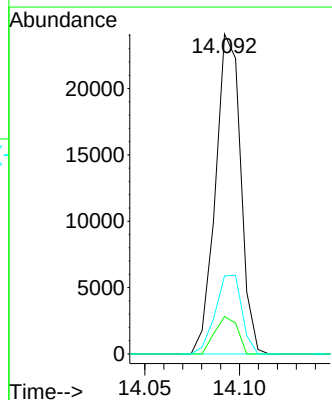
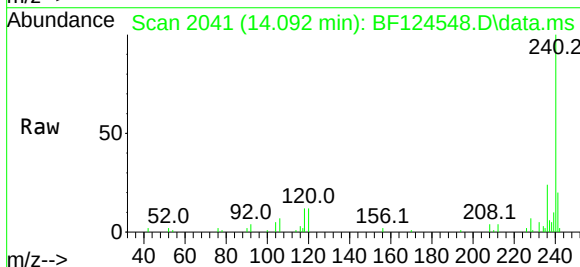
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

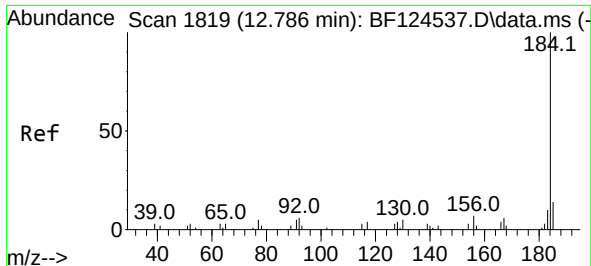
Tgt Ion:202	Resp:	7514
Ion Ratio	Lower	Upper
202	100	
101	11.3	0.0 30.7
203	20.0	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

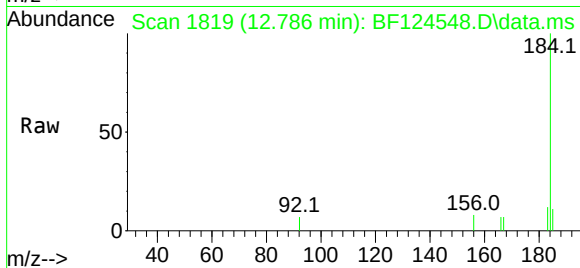
Tgt Ion:240	Resp:	22235
Ion Ratio	Lower	Upper
240	100	
120	11.7	10.8 16.2
236	24.4	21.6 32.4



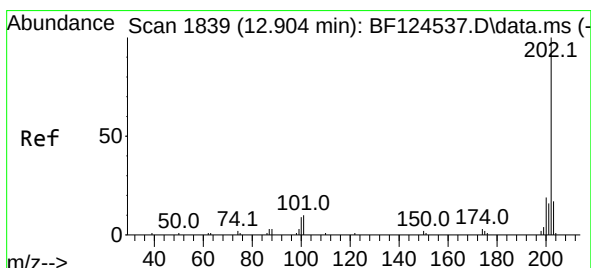
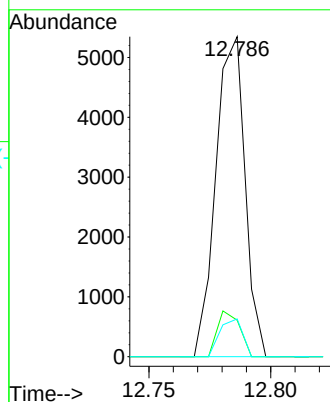
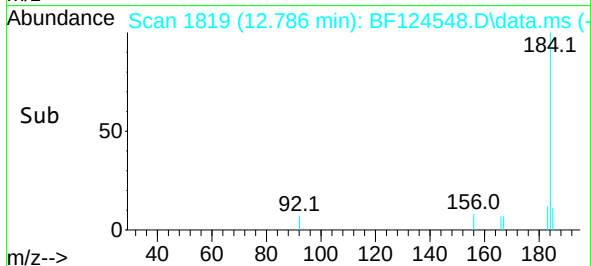


#77
Benzidine
Concen: 5.355 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

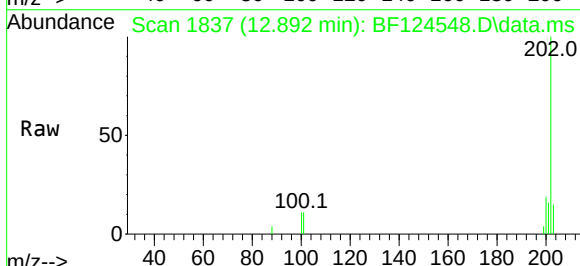
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021



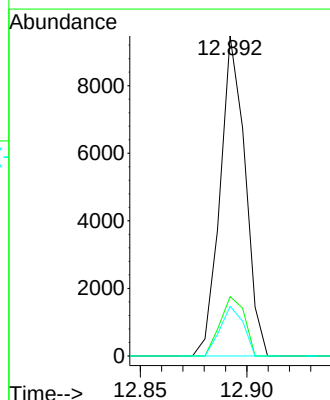
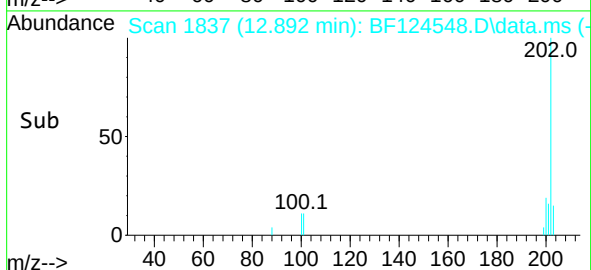
Tgt Ion:184 Resp: 4451
Ion Ratio Lower Upper
184 100
185 11.4 10.8 16.2
183 11.8 8.1 12.1

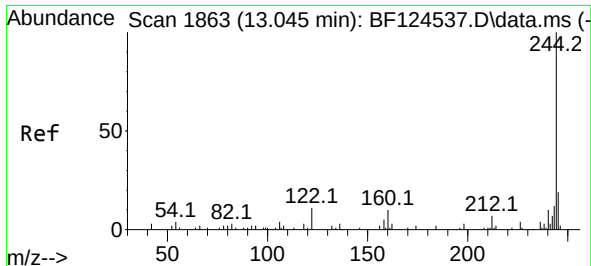


#78
Pyrene
Concen: 4.185 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26



Tgt Ion:202 Resp: 7731
Ion Ratio Lower Upper
202 100
200 18.6 15.3 22.9
203 15.5 13.4 20.0

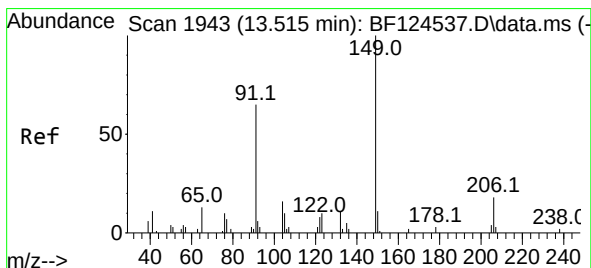
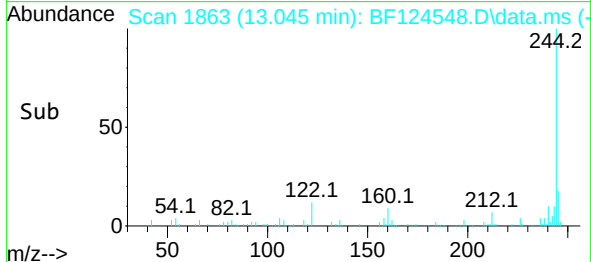
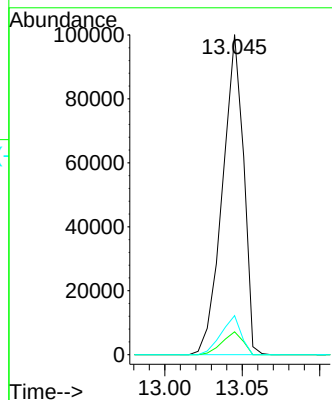
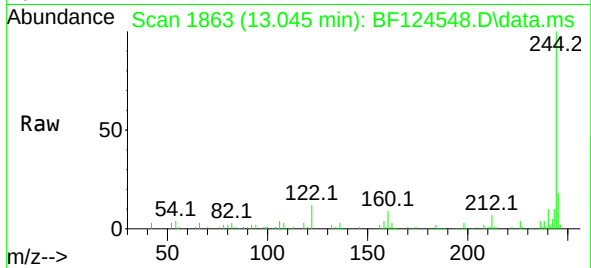




#79
 Terphenyl-d14
 Concen: 71.241 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF124548.D
 Acq: 13 Jul 2021 16:26

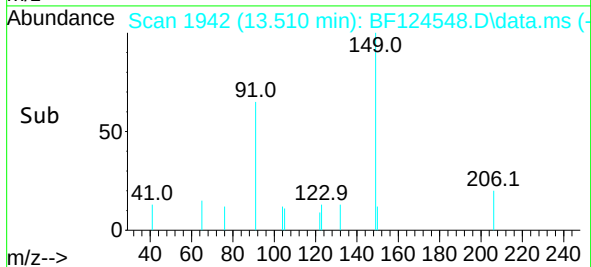
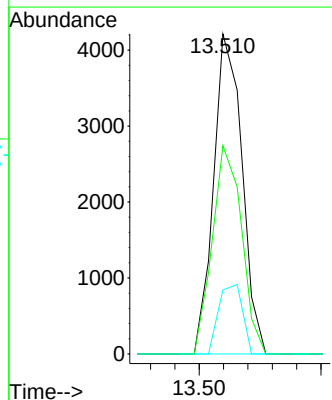
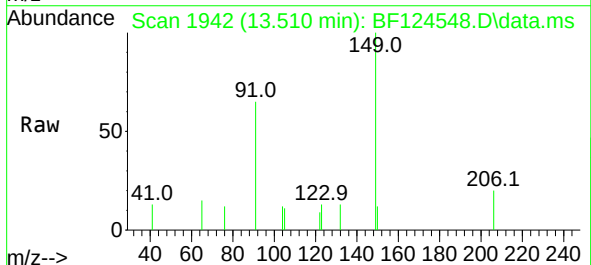
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

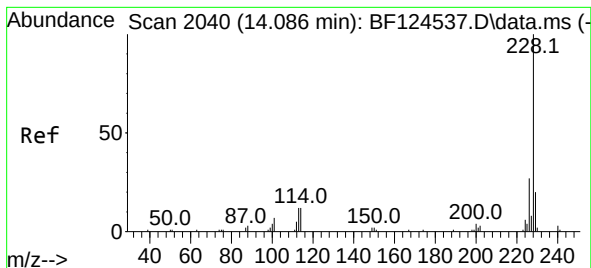
Tgt Ion:244 Resp: 94333
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.817 ng
 RT: 13.510 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: BF124548.D
 Acq: 13 Jul 2021 16:26

Tgt Ion:149 Resp: 3409
 Ion Ratio Lower Upper
 149 100
 91 65.1 51.8 77.8
 206 20.0 14.5 21.7

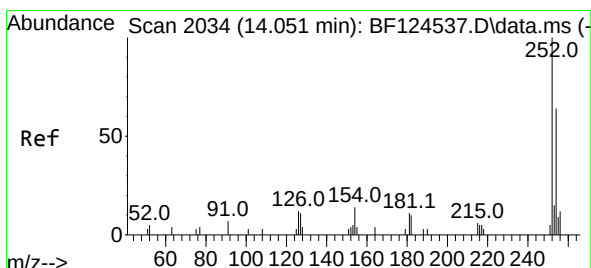
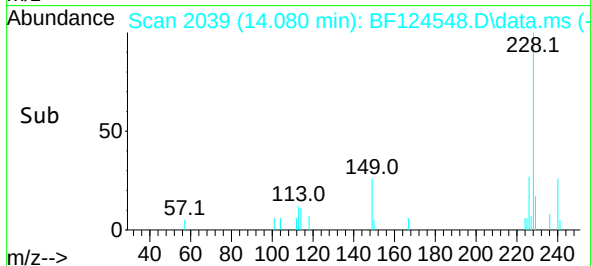
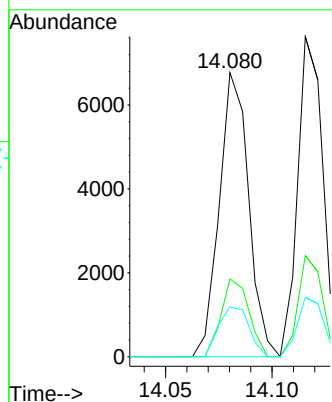
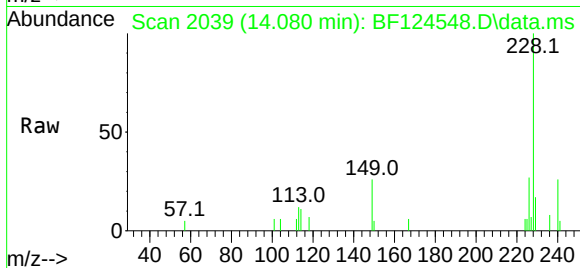




#81
Benzo(a)anthracene
Concen: 4.393 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

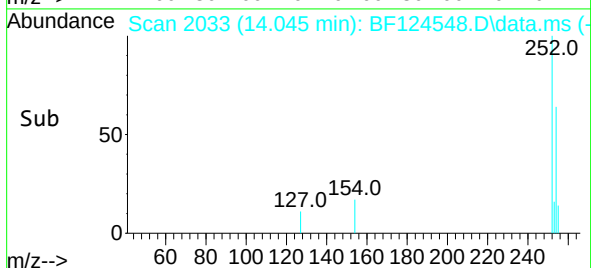
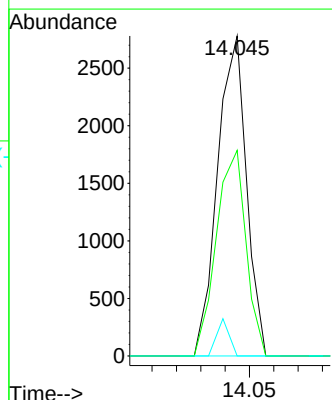
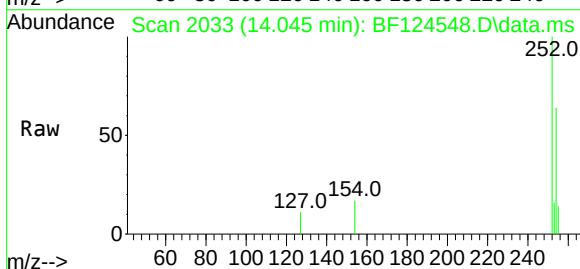
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

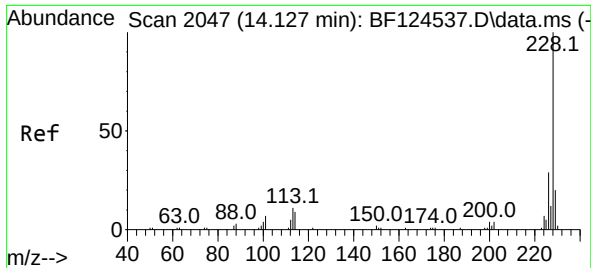
Tgt Ion:228 Resp: 6478
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 17.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 5.934 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:252 Resp: 2292
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.0
126 0.0 9.5 14.3#

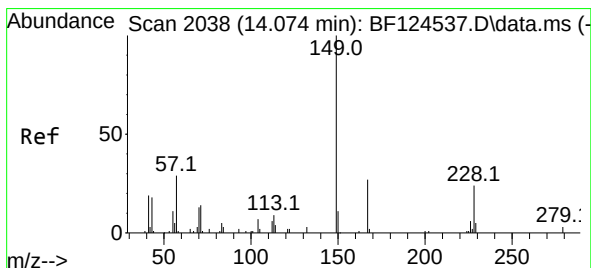
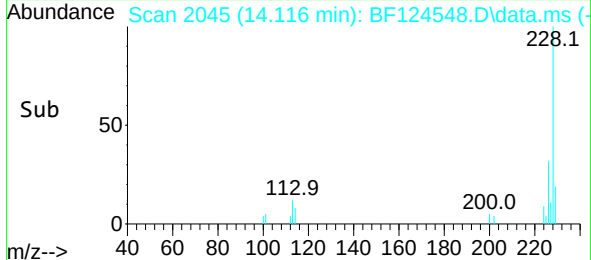
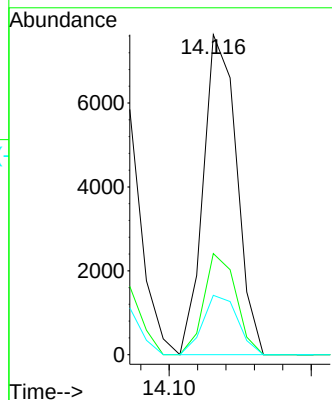
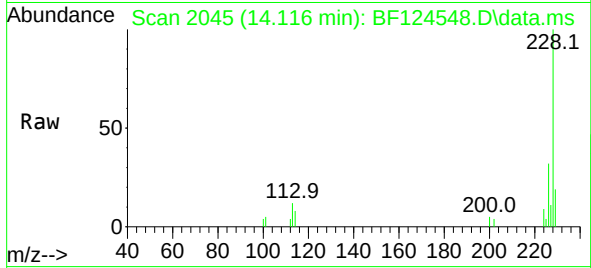




#83
Chrysene
Concen: 4.401 ng
RT: 14.116 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

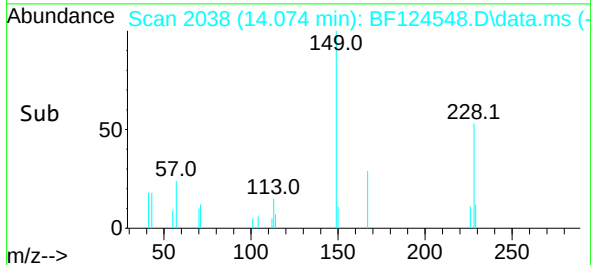
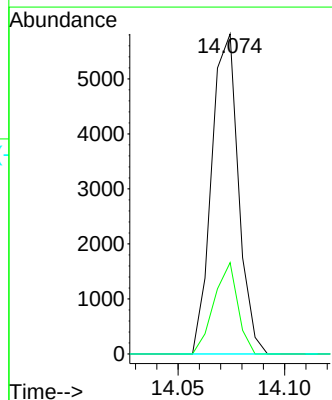
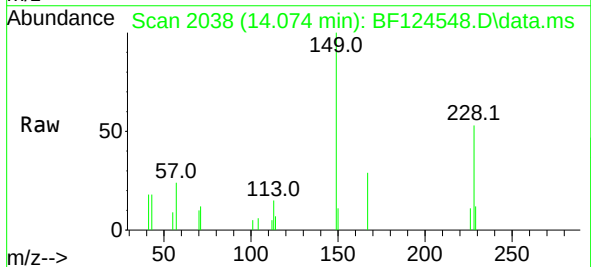
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

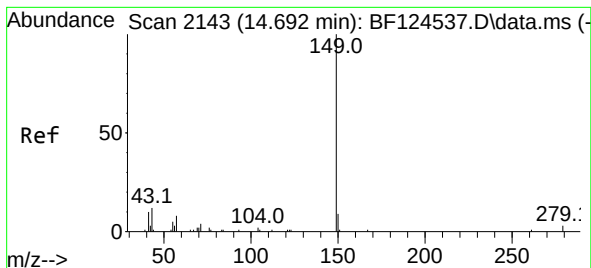
Tgt Ion:228	Resp:	6217
Ion Ratio	Lower	Upper
228	100	
226	31.6	22.6 34.0
229	18.6	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.251 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:149	Resp:	5098
Ion Ratio	Lower	Upper
149	100	
167	28.6	21.4 32.0
279	0.0	2.6 4.0#

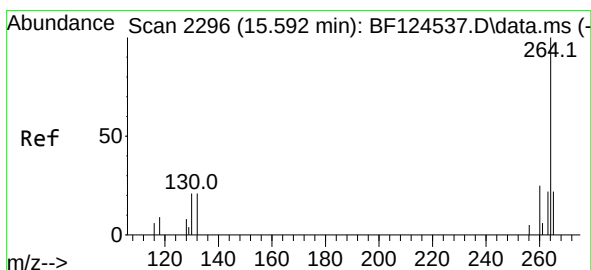
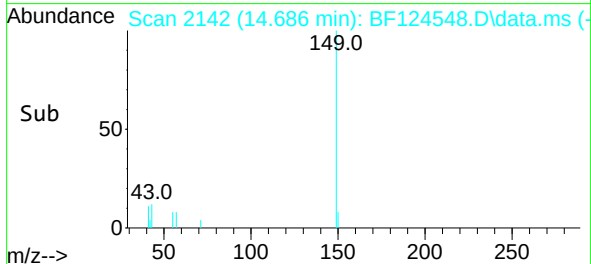
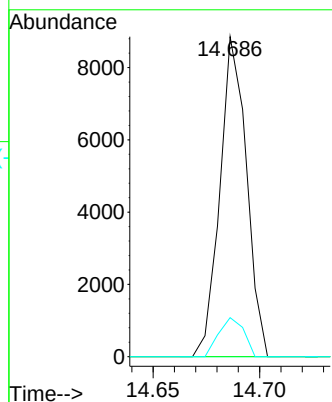
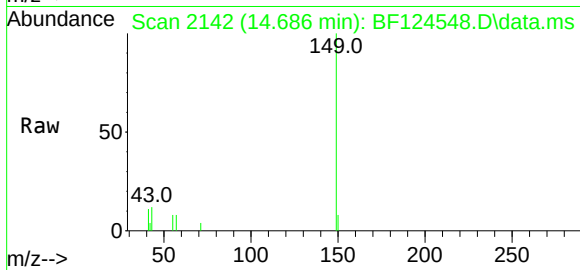




#85
Di-n-octyl phthalate
Concen: 4.433 ng
RT: 14.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

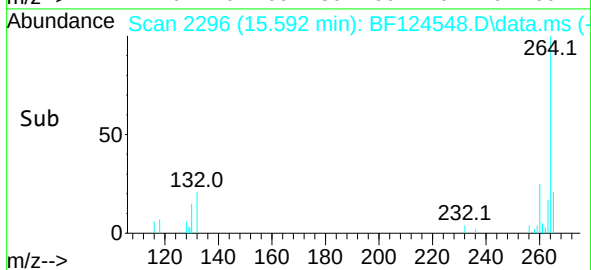
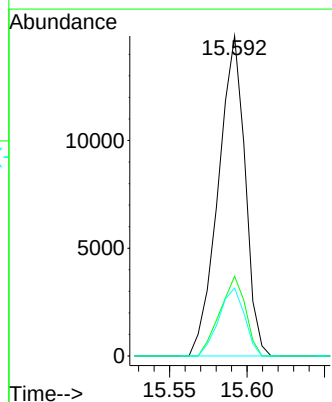
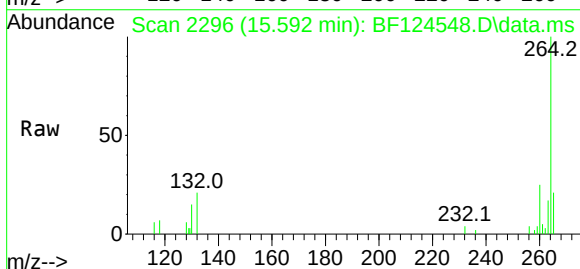
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

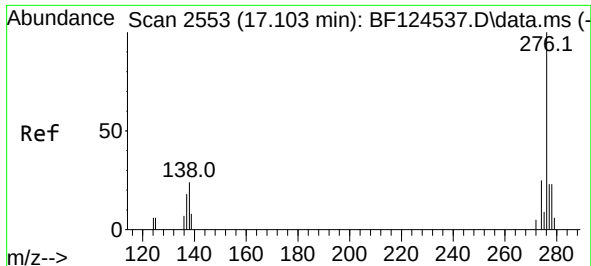
Tgt Ion:149 Resp: 7693
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 11.5 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:264 Resp: 17844
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 21.2 17.2 25.8

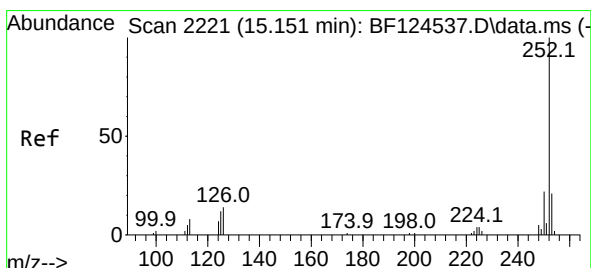
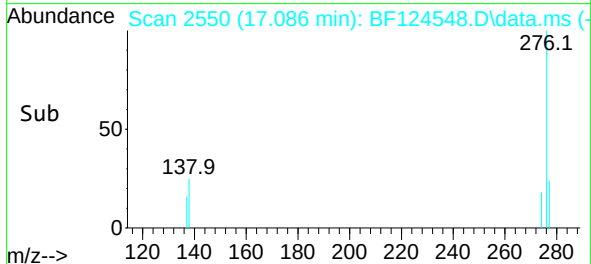
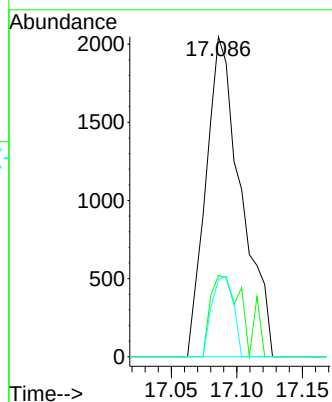
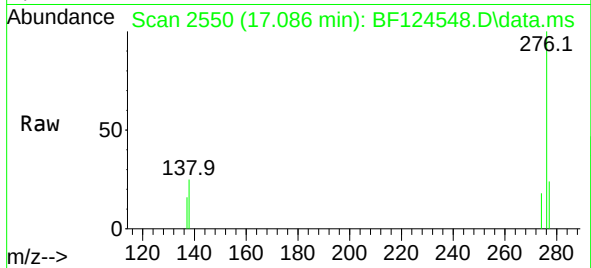




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.691 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.017 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

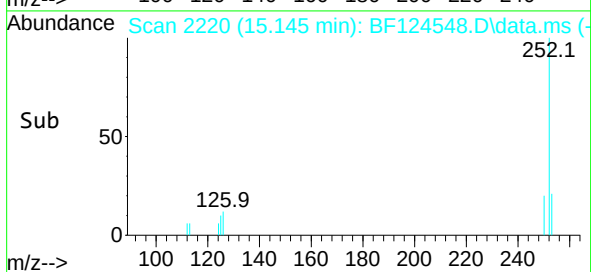
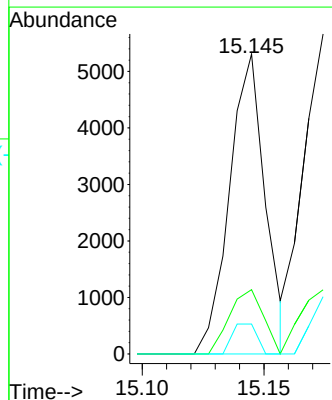
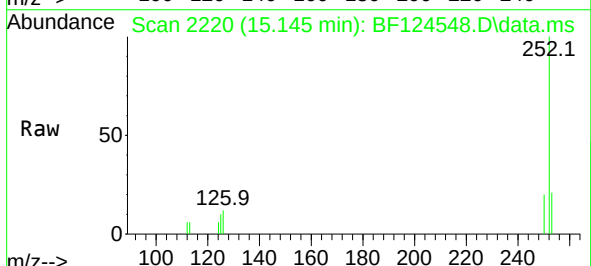
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

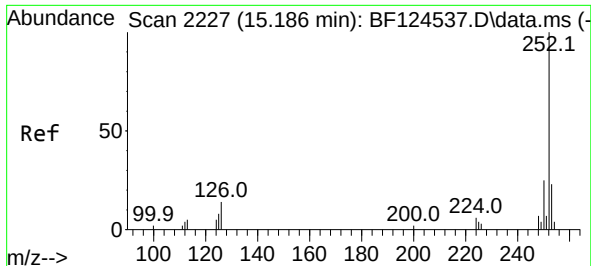
Tgt Ion:276 Resp: 3820
Ion Ratio Lower Upper
276 100
138 23.8 24.1 36.1#
277 15.4 18.8 28.2#



#88
Benzo(b)fluoranthene
Concen: 4.227 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:252 Resp: 5414
Ion Ratio Lower Upper
252 100
253 21.4 16.8 25.2
125 10.0 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 4.607 ng

RT: 15.145 min Scan# 2220

Delta R.T. -0.041 min

Lab File: BF124548.D

Acq: 13 Jul 2021 16:26

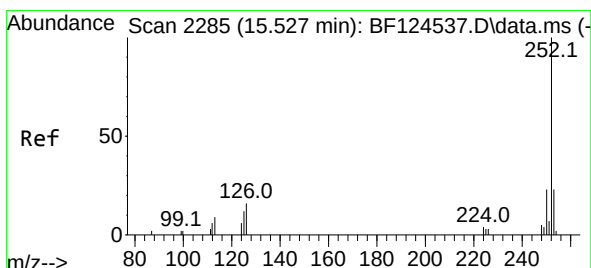
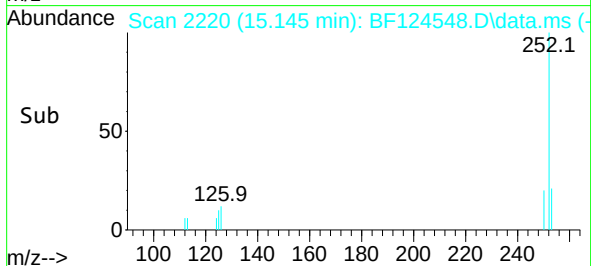
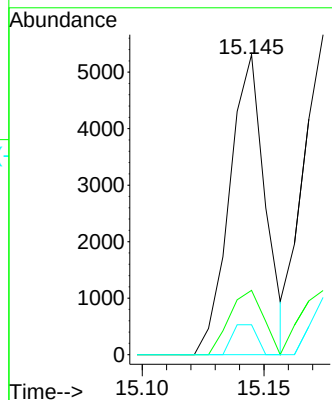
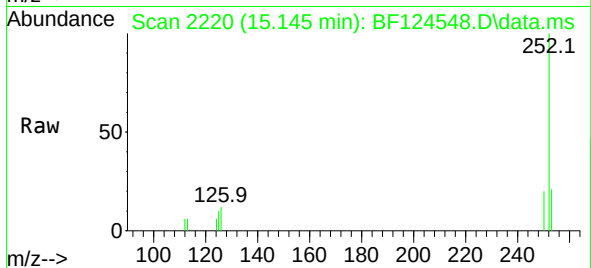
Tgt Ion:252 Resp: 5414

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 10.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 4.478 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BF124548.D

Acq: 13 Jul 2021 16:26

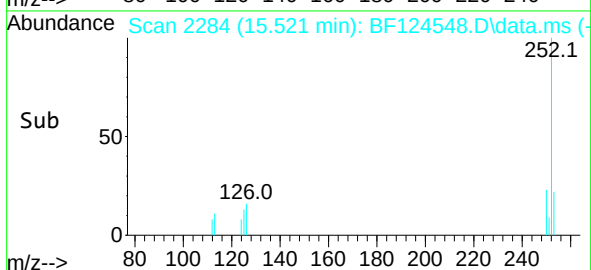
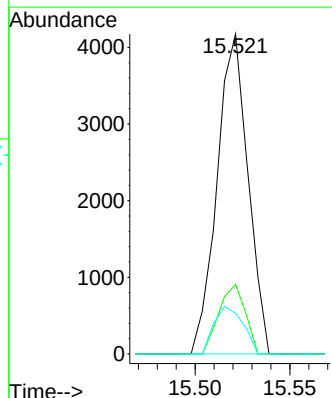
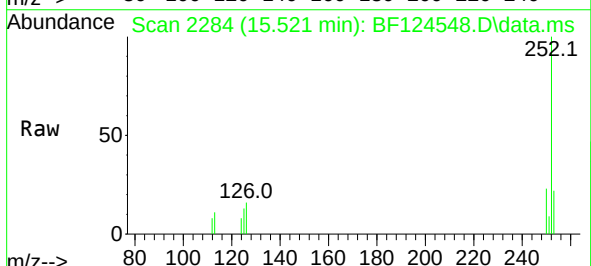
Tgt Ion:252 Resp: 4734

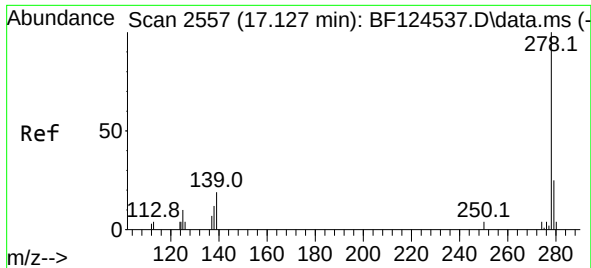
Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

125 12.7 9.9 14.9

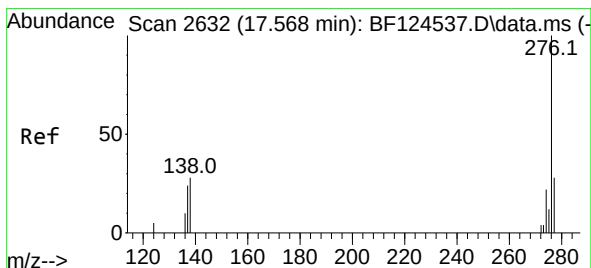
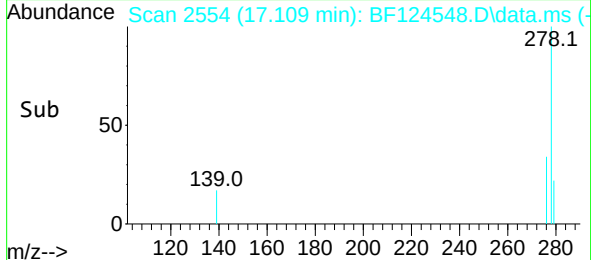
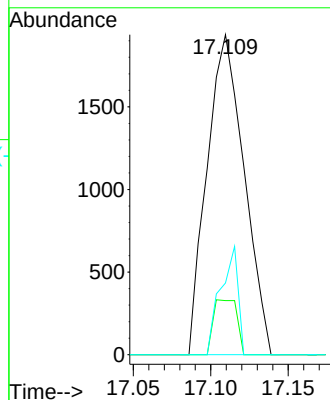
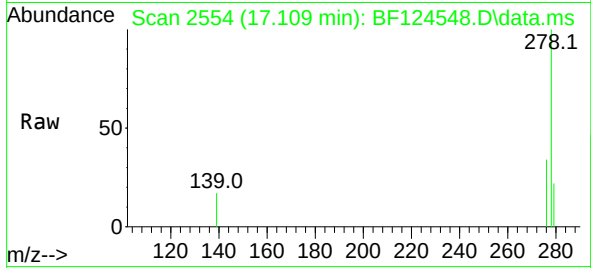




#91
Dibenzo(a,h)anthracene
Concen: 3.659 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.017 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

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

Tgt Ion:278 Resp: 3223
Ion Ratio Lower Upper
278 100
139 16.9 14.9 22.3
279 22.4 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 3.726 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.023 min
Lab File: BF124548.D
Acq: 13 Jul 2021 16:26

Tgt Ion:276 Resp: 3204
Ion Ratio Lower Upper
276 100
277 24.0 22.0 33.0
138 28.4 22.2 33.4

