

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
 Data File : BF124549.D
 Acq On : 13 Jul 2021 16:59
 Operator : JU/CG
 Sample : M2940-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 13 17:21:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:57:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	6578	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	25769	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	13341	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	24882	20.000	ng	0.00
76) Chrysene-d12	14.092	240	17418	20.000	ng	0.00
86) Perylene-d12	15.586	264	12766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	48493	127.725	ng	0.00
7) Phenol-d6	6.551	99	59859	129.603	ng	0.00
23) Nitrobenzene-d5	7.492	82	33833	82.882	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	13855	133.455	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	80361	87.839	ng	0.00
79) Terphenyl-d14	13.045	244	85008	81.953	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	1287	10.364	ng	# 100
3) Pyridine	3.575	79	2659	8.348	ng	97
4) n-Nitrosodimethylamine	3.487	42	2647	10.225	ng	95
6) Aniline	6.593	93	5609	11.526	ng	92
8) 2-Chlorophenol	6.710	128	4288	10.074	ng	97
9) Benzaldehyde	6.481	77	3143	11.599	ng	90
10) Phenol	6.557	94	4745	10.523	ng	95
11) bis(2-Chloroethyl)ether	6.657	93	3950	11.299	ng	99
12) 1,3-Dichlorobenzene	6.869	146	4914	10.548	ng	93
13) 1,4-Dichlorobenzene	6.945	146	5168	10.861	ng	100
14) 1,2-Dichlorobenzene	7.098	146	4961	10.971	ng	97
15) Benzyl Alcohol	7.057	79	3072	9.613	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	7.198	45	6903	11.456	ng	96
17) 2-Methylphenol	7.157	107	3282	10.534	ng	95
18) Hexachloroethane	7.439	117	1840	10.269	ng	88
19) n-Nitroso-di-n-propyla...	7.328	70	2743	10.563	ng	# 86
20) 3+4-Methylphenols	7.316	107	4122	10.049	ng	# 86
22) Acetophenone	7.328	105	6207	10.614	ng	# 98
24) Nitrobenzene	7.504	77	4086	10.095	ng	94
25) Isophorone	7.739	82	7030	9.381	ng	93
26) 2-Nitrophenol	7.816	139	2136	9.783	ng	# 87
27) 2,4-Dimethylphenol	7.845	122	3971	10.975	ng	87
28) bis(2-Chloroethoxy)met...	7.951	93	4740	10.844	ng	# 96
29) 2,4-Dichlorophenol	8.051	162	3748	10.043	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	4439	10.748	ng	90
31) Naphthalene	8.228	128	13605	10.208	ng	98
32) Benzoic acid	7.910	122	1828	7.249	ng	# 85
33) 4-Chloroaniline	8.269	127	5469	10.859	ng	96
34) Hexachlorobutadiene	8.345	225	2327	9.982	ng	93
35) Caprolactam	8.610	113	891	9.439	ng	# 88
36) 4-Chloro-3-methylphenol	8.739	107	3569	9.671	ng	99
37) 2-Methylnaphthalene	8.922	142	9048	10.060	ng	99
38) 1-Methylnaphthalene	9.022	142	8934	10.577	ng	88
40) 1,2,4,5-Tetrachloroben...	9.086	216	3976	11.174	ng	100
41) Hexachlorocyclopentadiene	9.075	237	3138	14.118	ng	95
43) 2,4,6-Trichlorophenol	9.192	196	2702	10.518	ng	89

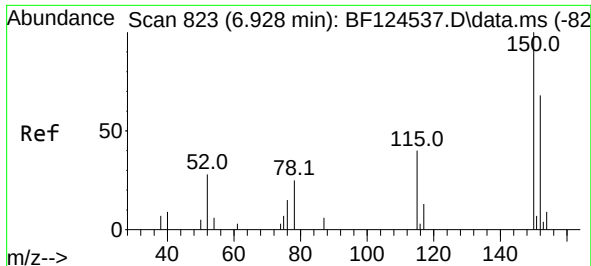
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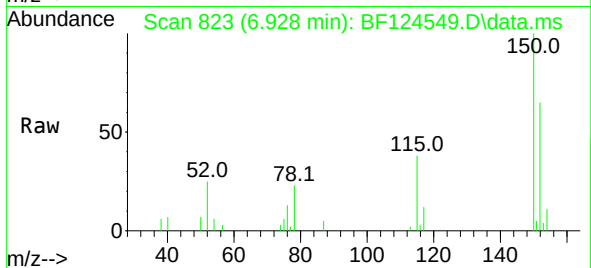
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	2457	9.274	ng	94
46) 1,1'-Biphenyl	9.386	154	11478	11.328	ng	97
47) 2-Chloronaphthalene	9.410	162	8727	10.985	ng	97
48) 2-Nitroaniline	9.498	65	2186	11.443	ng	97
49) Acenaphthylene	9.828	152	14034	11.320	ng	97
50) Dimethylphthalate	9.681	163	10147	10.932	ng	# 98
51) 2,6-Dinitrotoluene	9.739	165	2105	11.504	ng	93
52) Acenaphthene	9.998	154	8611	10.863	ng	96
53) 3-Nitroaniline	9.904	138	2122	10.392	ng	# 88
54) 2,4-Dinitrophenol	10.010	184	701	7.342	ng	# 81
55) Dibenzofuran	10.169	168	12663	10.865	ng	99
56) 4-Nitrophenol	10.045	139	1638	9.638	ng	87
57) 2,4-Dinitrotoluene	10.139	165	2765	11.038	ng	# 80
58) Fluorene	10.510	166	9750	10.815	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.281	232	2072	10.126	ng	# 95
60) Diethylphthalate	10.381	149	10444	10.761	ng	97
61) 4-Chlorophenyl-phenyle...	10.504	204	4436	10.841	ng	99
62) 4-Nitroaniline	10.516	138	2302	11.186	ng	89
63) Azobenzene	10.663	77	8671	10.221	ng	95
65) 4,6-Dinitro-2-methylph...	10.545	198	1084	7.626	ng	86
66) n-Nitrosodiphenylamine	10.622	169	7830	9.664	ng	88
67) 4-Bromophenyl-phenylether	10.998	248	2635	10.241	ng	93
68) Hexachlorobenzene	11.057	284	2714	10.296	ng	93
69) Atrazine	11.139	200	2774	11.179	ng	93
70) Pentachlorophenol	11.245	266	1539	9.230	ng	# 87
71) Phenanthrene	11.475	178	13923	10.257	ng	97
72) Anthracene	11.527	178	14511	10.655	ng	100
73) Carbazole	11.680	167	13273	10.548	ng	96
74) Di-n-butylphthalate	12.010	149	17764	10.479	ng	99
75) Fluoranthene	12.663	202	14263	10.414	ng	97
77) Benzidine	12.786	184	8378	12.866	ng	96
78) Pyrene	12.892	202	14105	9.747	ng	96
80) Butylbenzylphthalate	13.510	149	6881	9.834	ng	97
81) Benzo(a)anthracene	14.080	228	11602	10.044	ng	97
82) 3,3'-Dichlorobenzidine	14.045	252	4016	13.272	ng	94
83) Chrysene	14.116	228	11190	10.112	ng	96
84) Bis(2-ethylhexyl)phtha...	14.068	149	8825	9.394	ng	96
85) Di-n-octyl phthalate	14.686	149	11908	8.760	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.092	276	7631	10.307	ng	97
88) Benzo(b)fluoranthene	15.139	252	9447	10.310	ng	95
89) Benzo(k)fluoranthene	15.174	252	8560	10.182	ng	98
90) Benzo(a)pyrene	15.521	252	8203	10.845	ng	# 97
91) Dibenzo(a,h)anthracene	17.109	278	6457	10.246	ng	99
92) Benzo(g,h,i)perylene	17.545	276	6353	10.325	ng	93

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

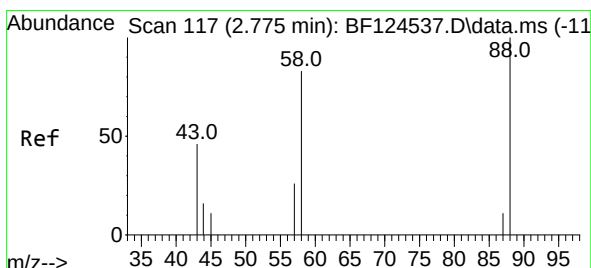
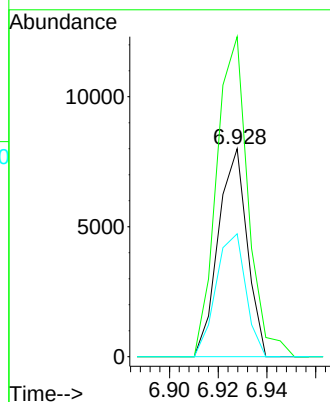
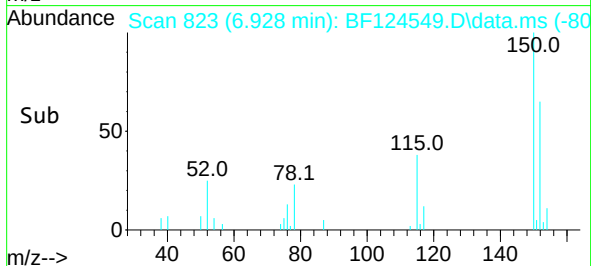


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 823
 Delta R.T. -0.000 min
 Lab File: BF124549.D
 Acq: 13 Jul 2021 16:59

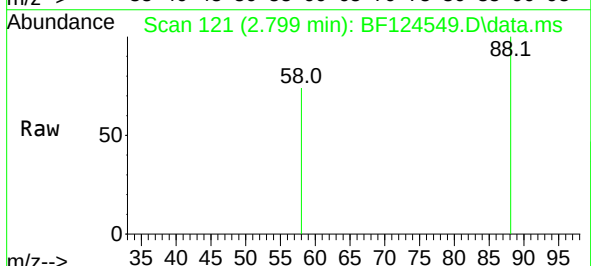
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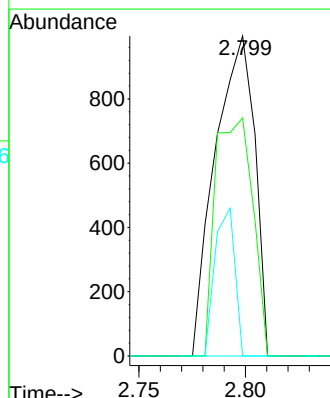
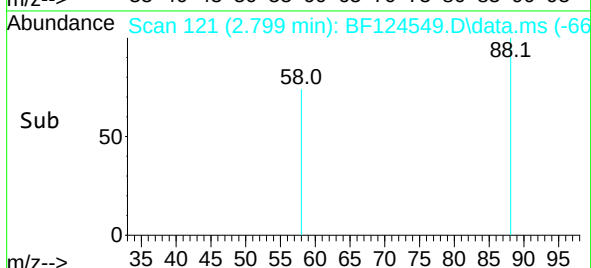
Tgt Ion:152 Resp: 6578
 Ion Ratio Lower Upper
 152 100
 150 153.8 117.6 176.4
 115 59.0 47.1 70.7

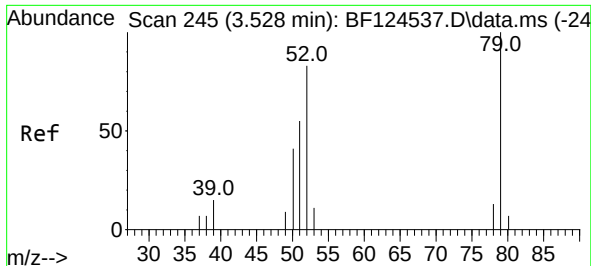


#2
 1,4-Dioxane
 Concen: 10.364 ng
 RT: 2.799 min Scan# 121
 Delta R.T. 0.024 min
 Lab File: BF124549.D
 Acq: 13 Jul 2021 16:59



Tgt Ion: 88 Resp: 1287
 Ion Ratio Lower Upper
 88 100
 58 70.0 0.0 0.0#
 43 23.2 0.0 0.0#

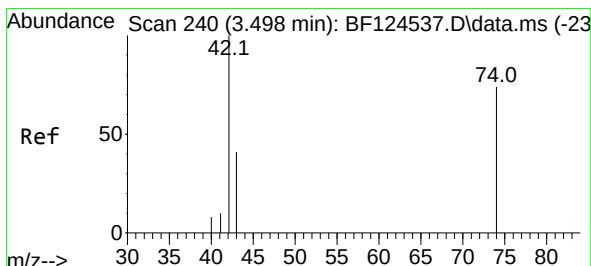
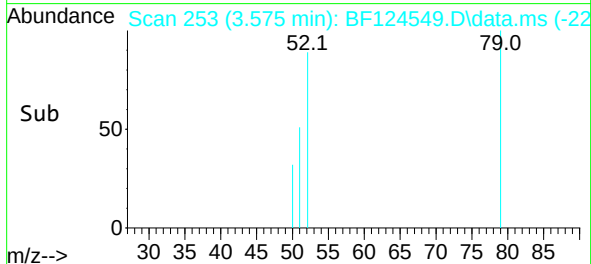
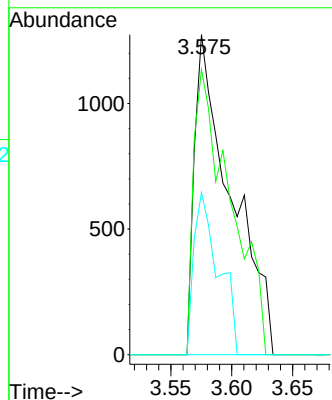
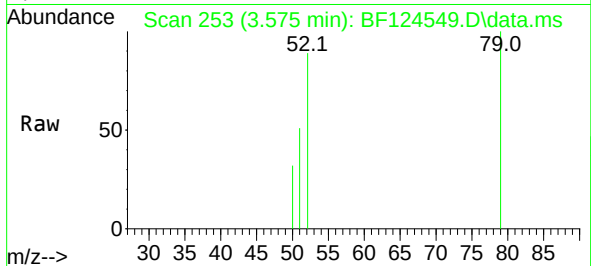




#3
Pyridine
Concen: 8.348 ng
RT: 3.575 min Scan# 253
Delta R.T. 0.047 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

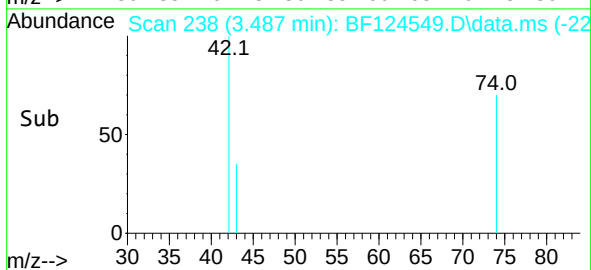
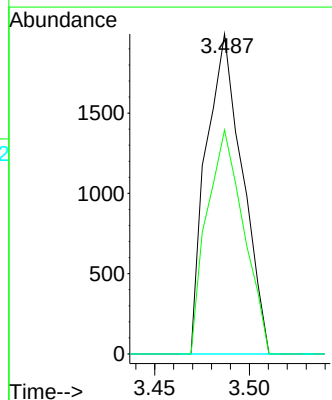
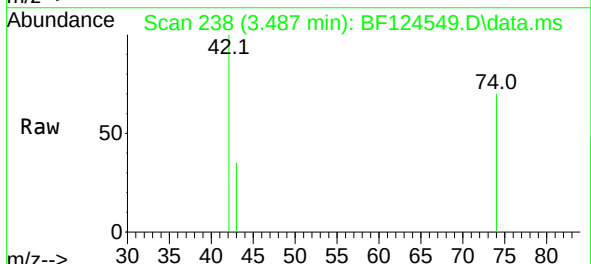
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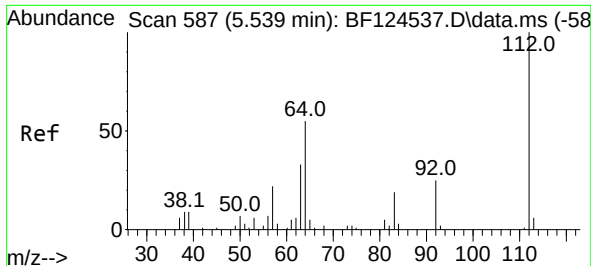
Tgt Ion:	79	Resp:	2659
Ion	Ratio	Lower	Upper
79	100		
52	89.1	70.3	105.5
51	50.7	44.1	66.1



#4
n-Nitrosodimethylamine
Concen: 10.225 ng
RT: 3.487 min Scan# 238
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	42	Resp:	2647
Ion	Ratio	Lower	Upper
42	100		
74	70.0	59.0	88.6
44	0.0	0.0	0.0

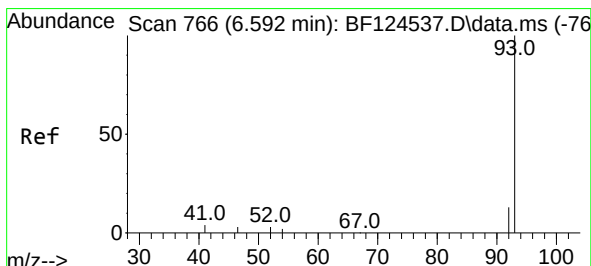
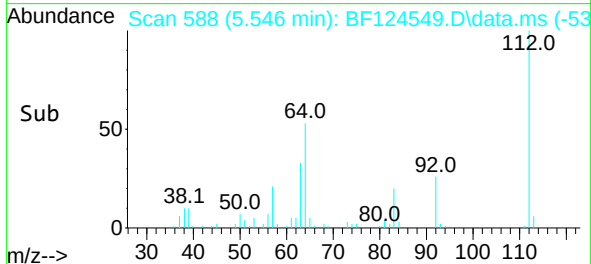
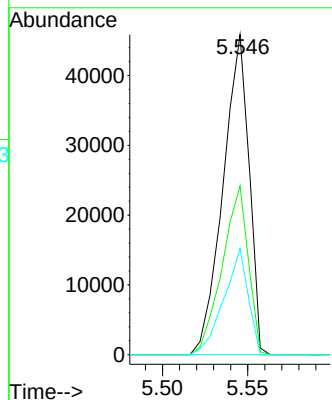
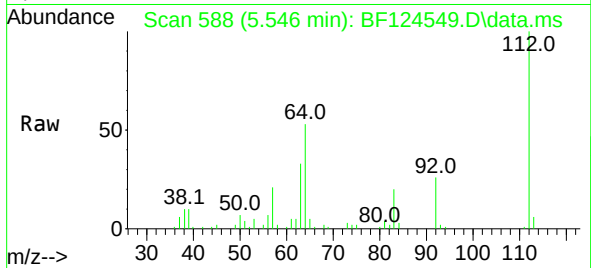




#5
2-Fluorophenol
Concen: 127.725 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.007 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

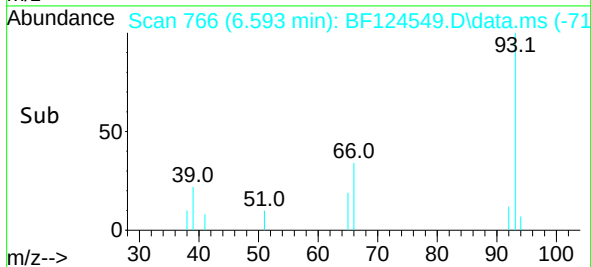
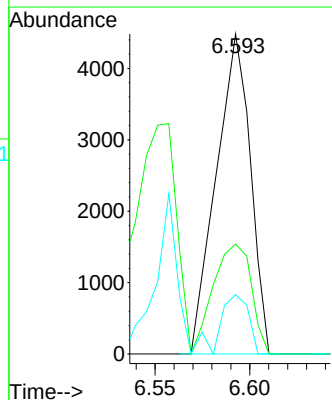
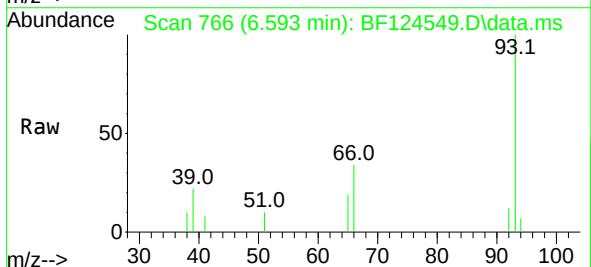
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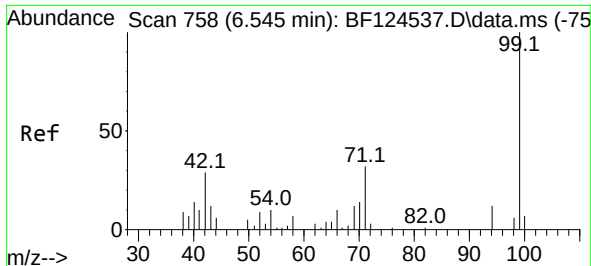
Tgt Ion:112 Resp: 48493
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 33.2 26.2 39.2



#6
Aniline
Concen: 11.526 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 93 Resp: 5609
Ion Ratio Lower Upper
93 100
66 34.4 32.7 49.1
65 18.5 14.2 21.4

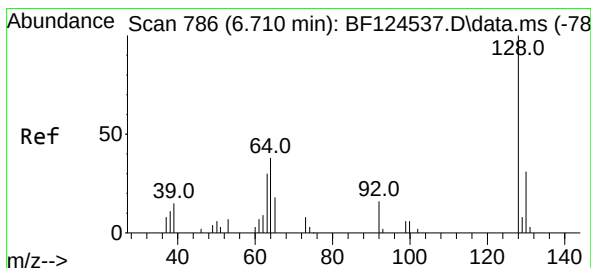
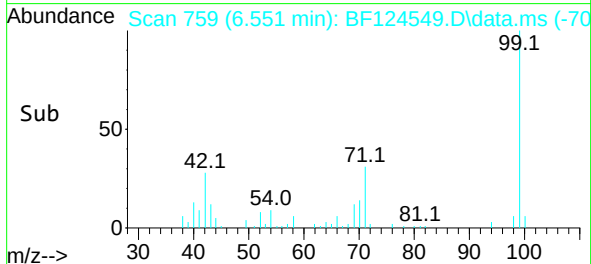
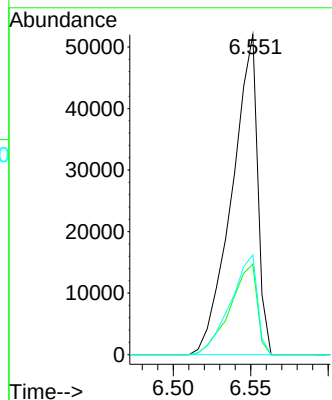
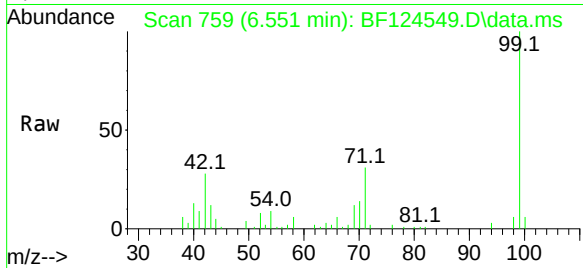




#7
Phenol-d6
Concen: 129.603 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

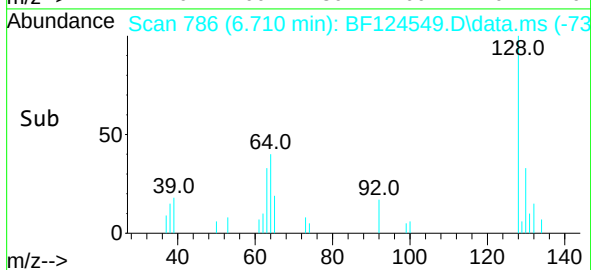
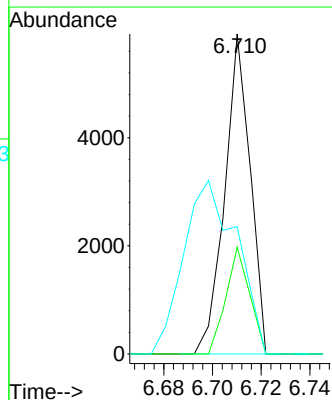
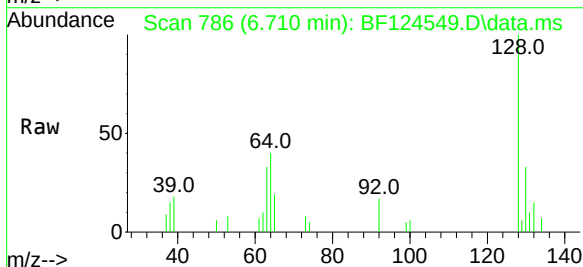
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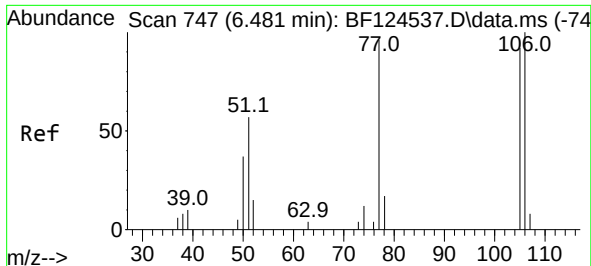
Tgt Ion:	99	Resp:	59859
Ion	Ratio	Lower	Upper
99	100		
42	28.3	23.5	35.3
71	31.2	25.6	38.4



#8
2-Chlorophenol
Concen: 10.074 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	128	Resp:	4288
Ion	Ratio	Lower	Upper
128	100		
130	33.3	10.5	50.5
64	39.8	20.3	60.3

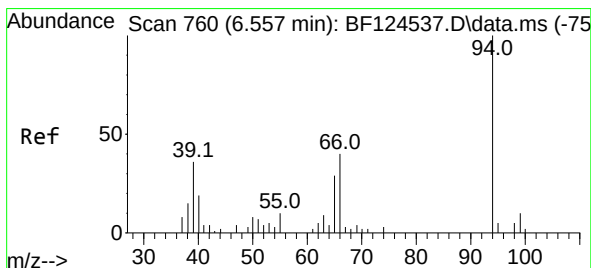
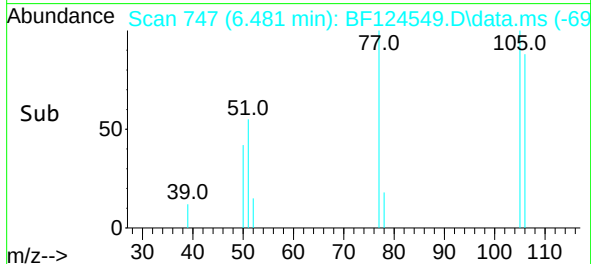
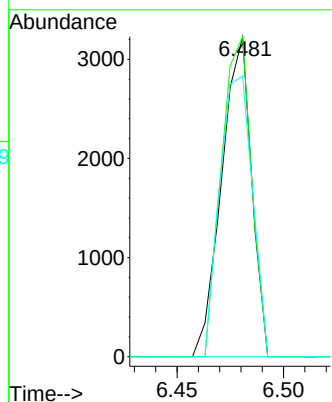
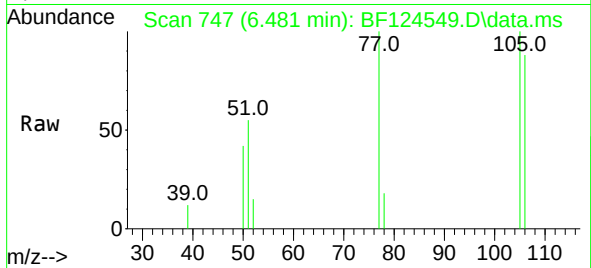




#9
Benzaldehyde
Concen: 11.599 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

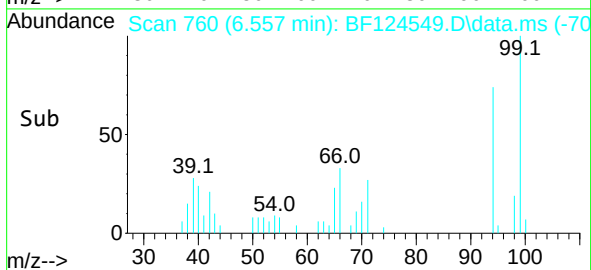
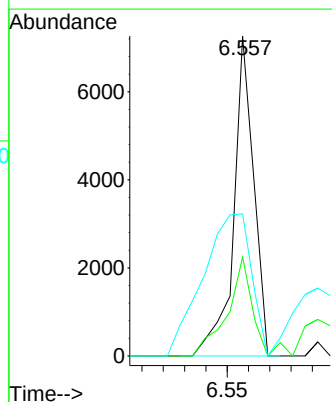
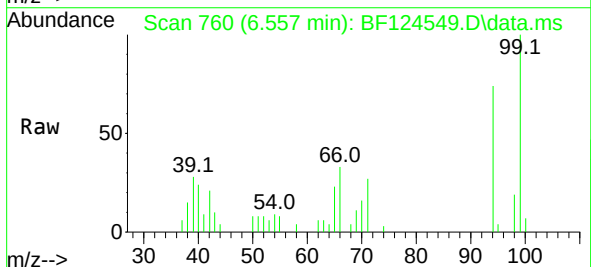
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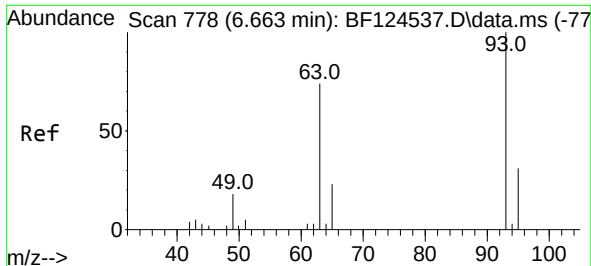
Tgt Ion: 77 Resp: 3143
Ion Ratio Lower Upper
77 100
105 100.1 75.9 115.9
106 87.8 84.0 124.0



#10
Phenol
Concen: 10.523 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 94 Resp: 4745
Ion Ratio Lower Upper
94 100
65 30.9 9.3 49.3
66 44.4 20.3 60.3

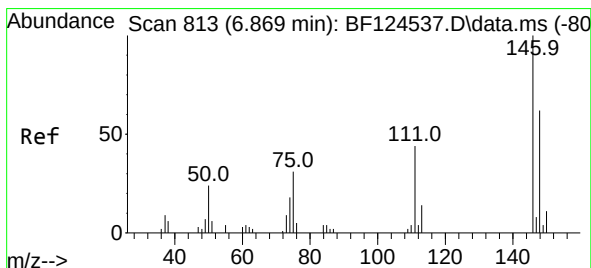
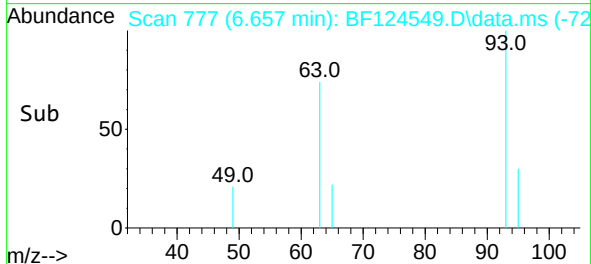
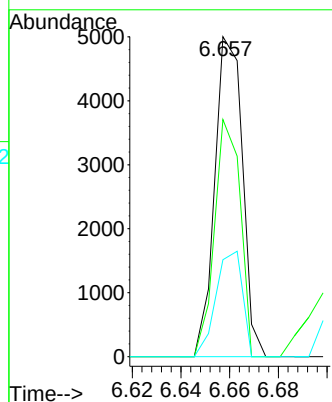
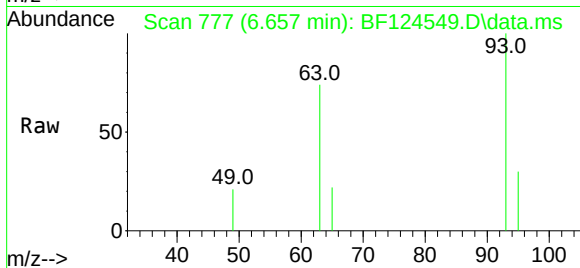




#11
bis(2-Chloroethyl)ether
Concen: 11.299 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

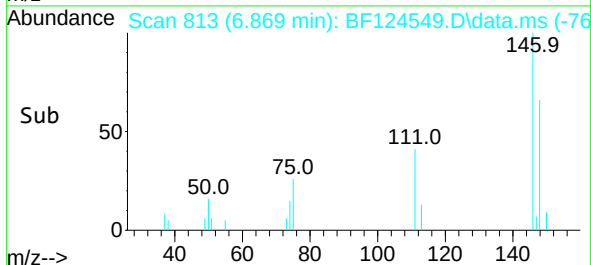
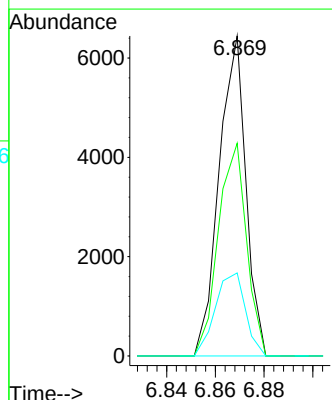
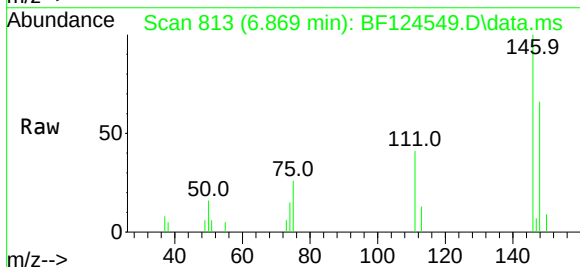
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

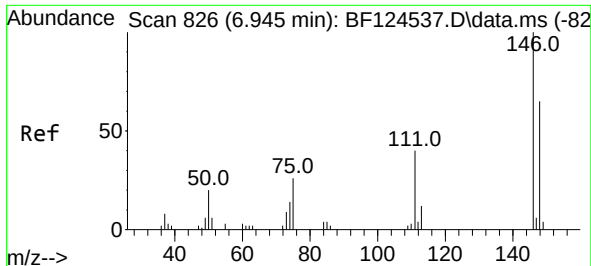
Tgt Ion: 93	Resp: 3950		
Ion Ratio	Lower	Upper	
93 100			
63 74.1	54.4	94.4	
95 30.3	11.4	51.4	



#12
1,3-Dichlorobenzene
Concen: 10.548 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:146	Resp: 4914		
Ion Ratio	Lower	Upper	
146 100			
148 66.5	49.7	74.5	
75 25.9	25.2	37.8	

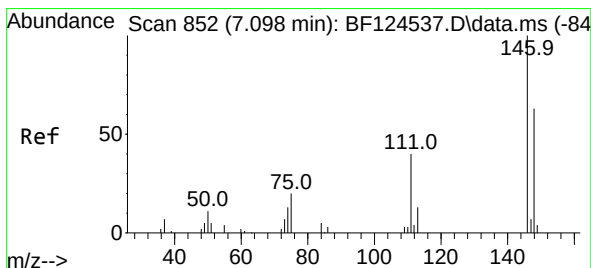
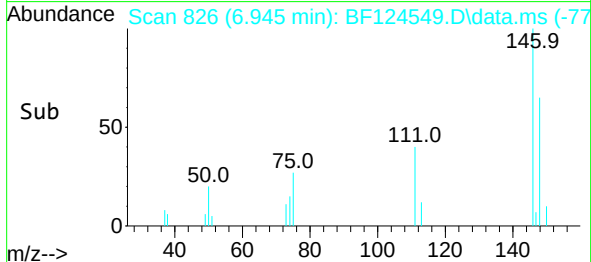
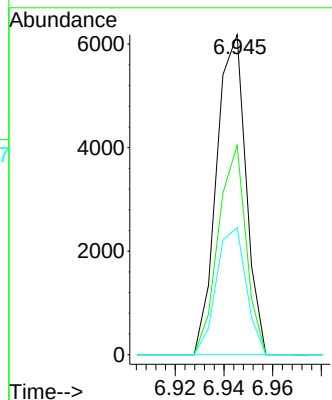
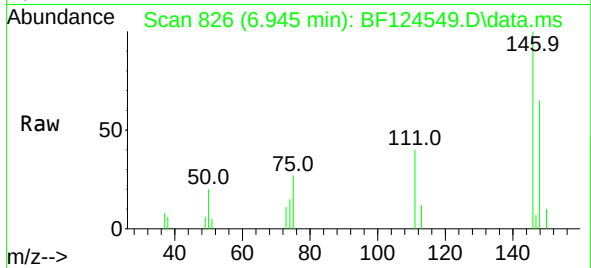




#13
1,4-Dichlorobenzene
Concen: 10.861 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

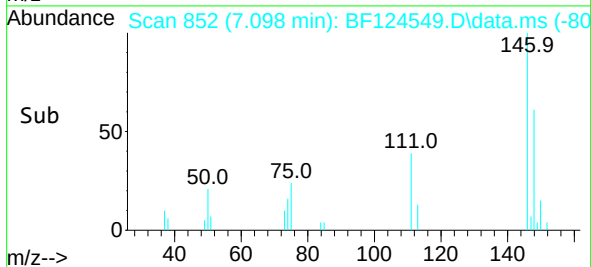
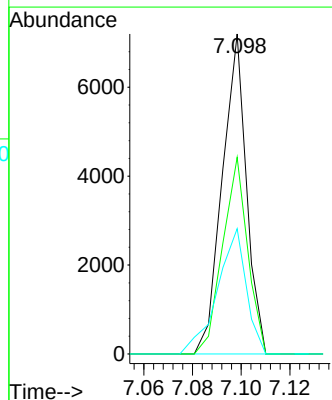
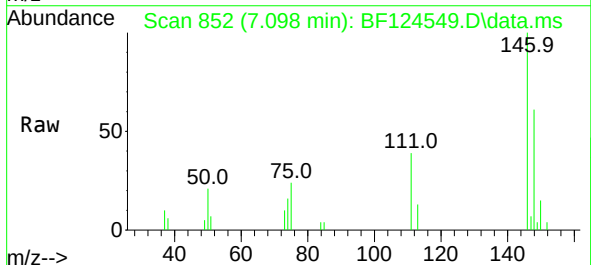
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

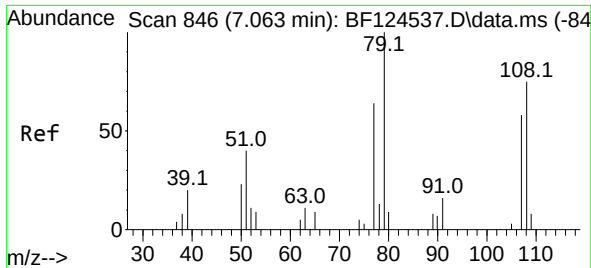
Tgt Ion:146 Resp: 5168
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
111 39.7 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 10.971 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:146 Resp: 4961
Ion Ratio Lower Upper
146 100
148 61.5 50.6 75.8
111 39.1 33.5 50.3

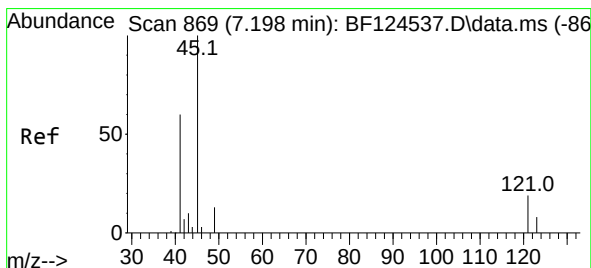
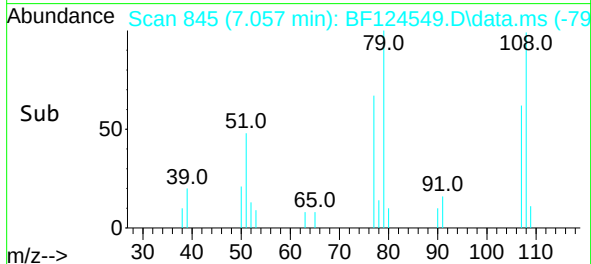
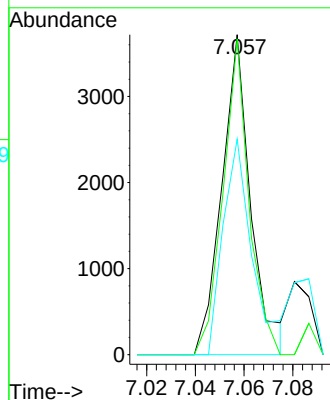
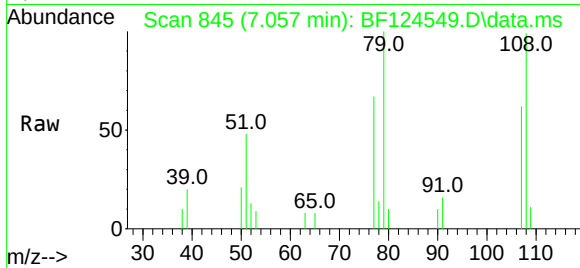




#15
Benzyl Alcohol
Concen: 9.613 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

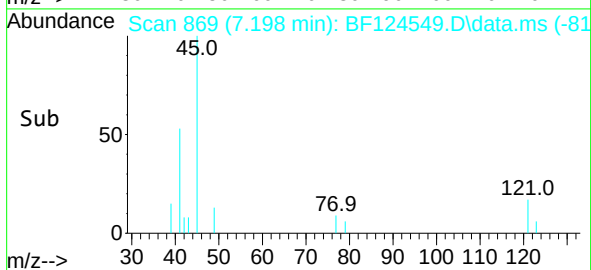
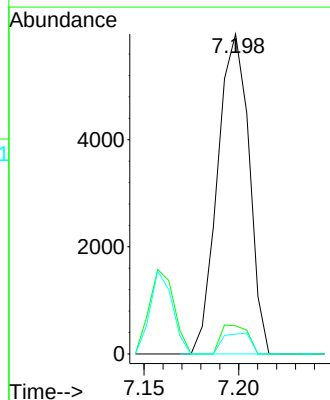
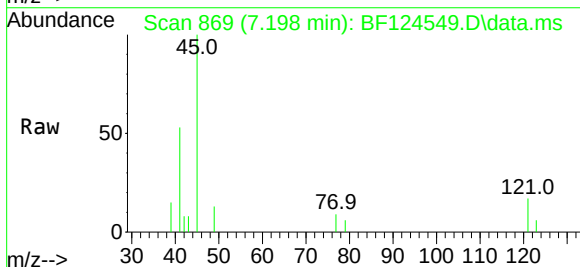
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

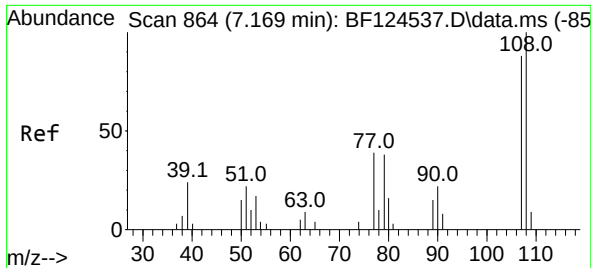
Tgt Ion: 79 Resp: 3072
Ion Ratio Lower Upper
79 100
108 98.7 60.4 90.6#
77 67.3 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.456 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 45 Resp: 6903
Ion Ratio Lower Upper
45 100
77 8.8 0.0 30.6
79 6.2 0.0 27.5

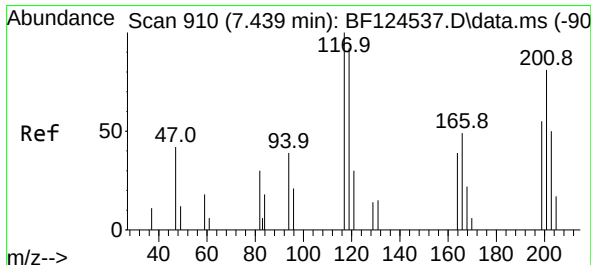
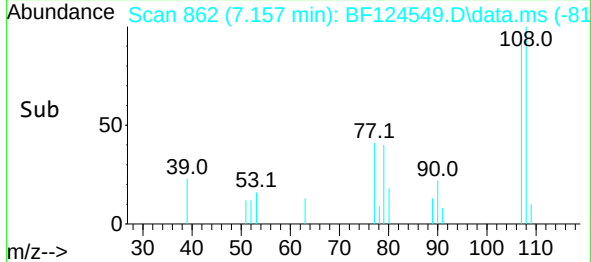
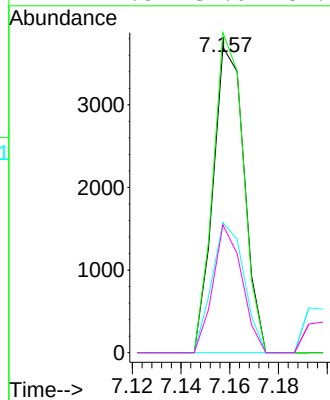
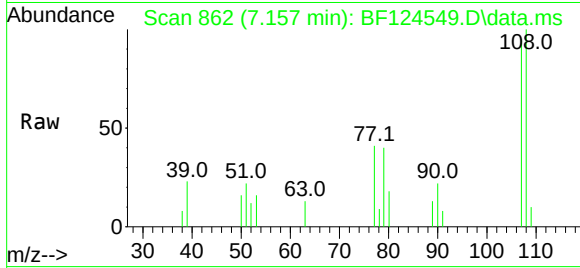




#17
2-Methylphenol
Concen: 10.534 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

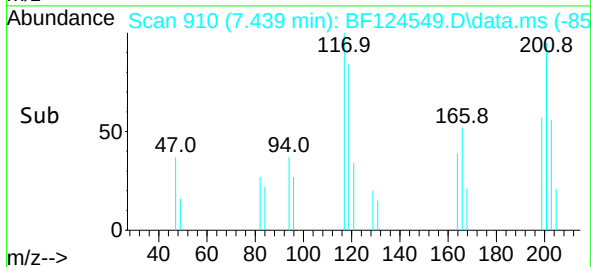
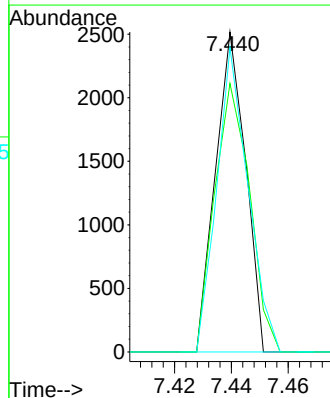
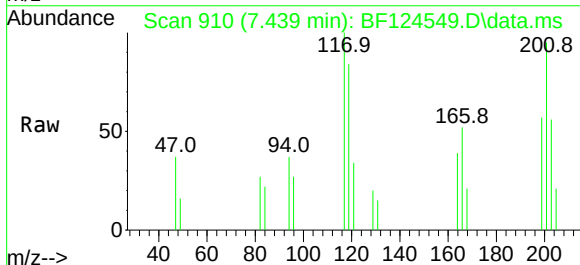
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

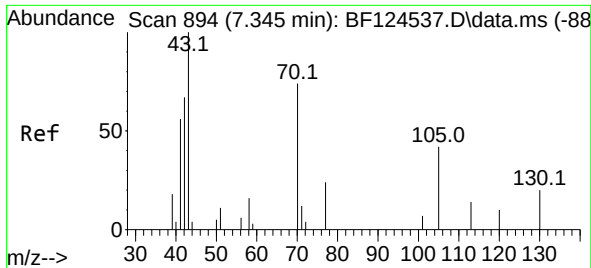
Tgt Ion:	107	Resp:	3282
Ion	Ratio	Lower	Upper
107	100		
108	104.7	90.6	135.8
77	42.6	35.7	53.5
79	41.8	34.0	51.0



#18
Hexachloroethane
Concen: 10.269 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	117	Resp:	1840
Ion	Ratio	Lower	Upper
117	100		
119	83.9	73.4	110.2
201	95.1	64.9	97.3



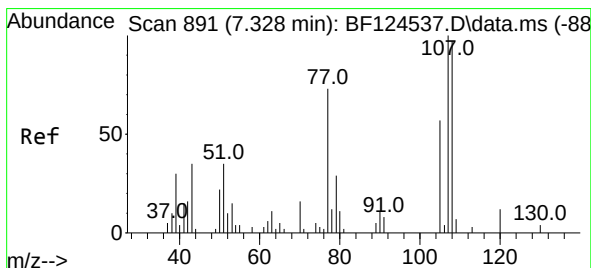
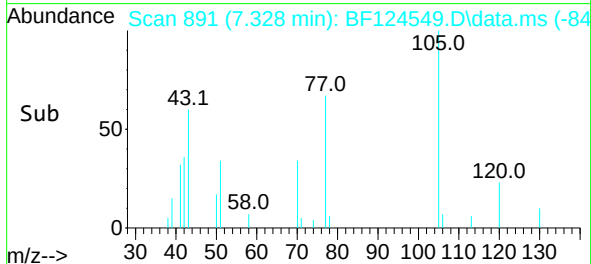
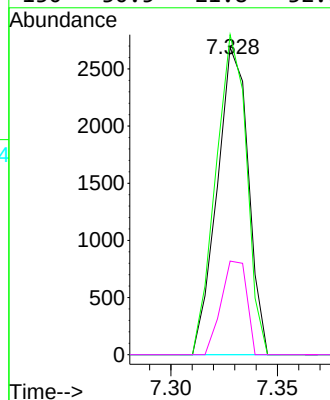
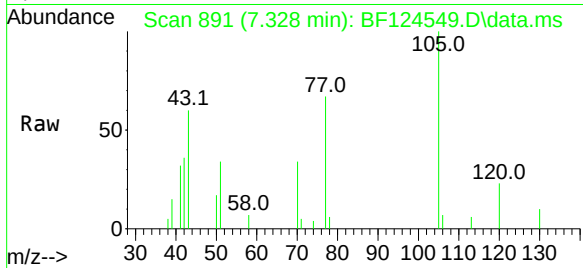


#19

n-Nitroso-di-n-propylamine
Concen: 10.563 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.017 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

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

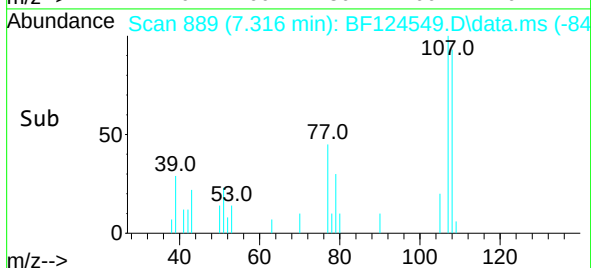
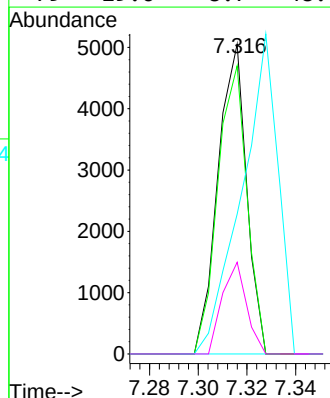
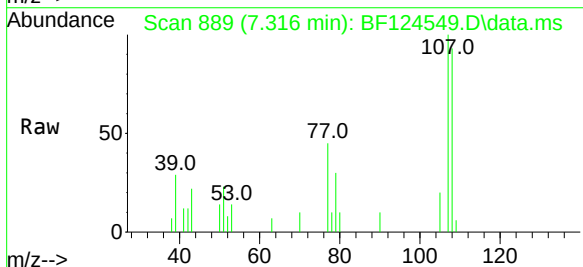
Tgt Ion: 70 Resp: 2743
Ion Ratio Lower Upper
70 100
42 104.1 72.2 108.2
101 0.0 7.8 11.8#
130 30.5 21.8 32.6

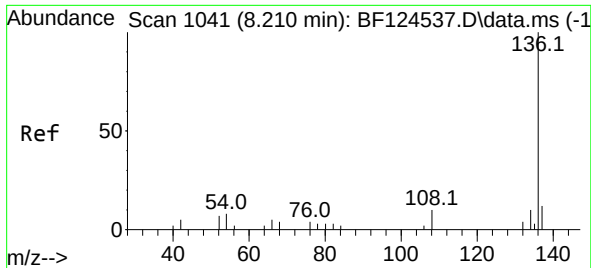


#20

3+4-Methylphenols
Concen: 10.049 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 107 Resp: 4122
Ion Ratio Lower Upper
107 100
108 93.0 76.6 116.6
77 45.1 53.3 93.3#
79 29.6 8.7 48.7

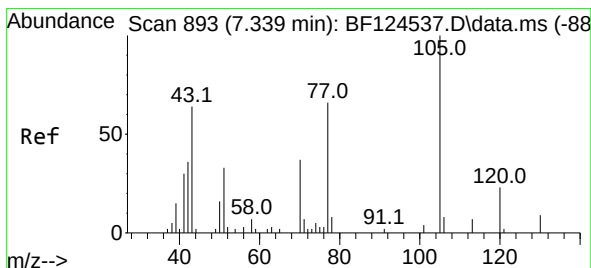
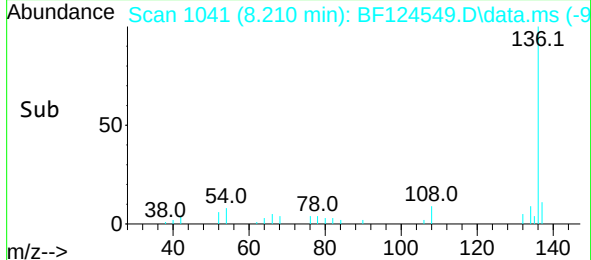
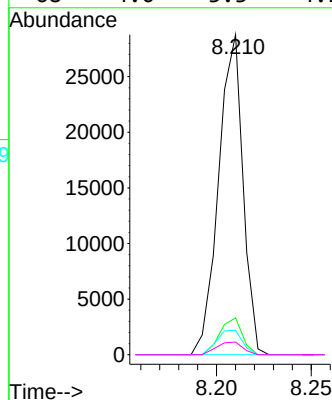
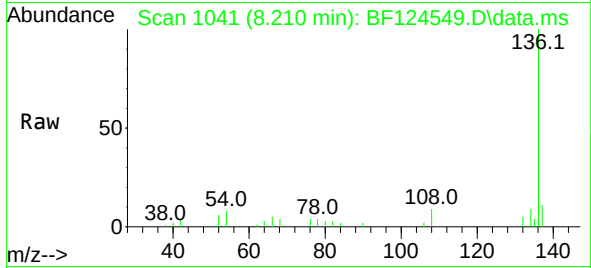




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

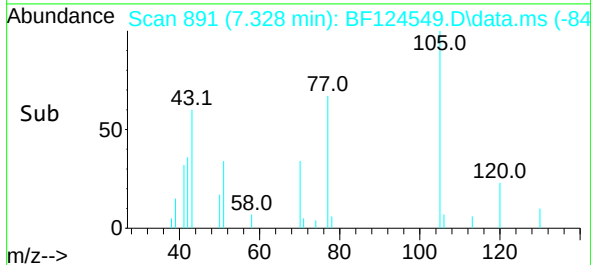
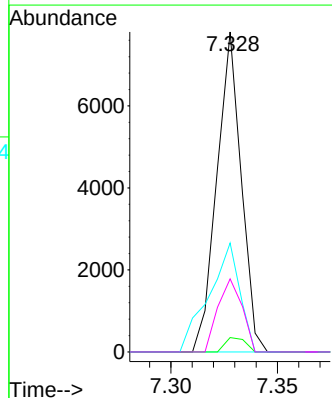
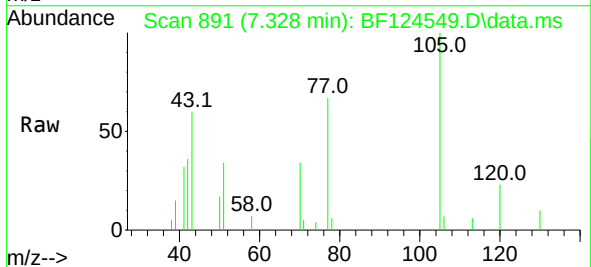
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

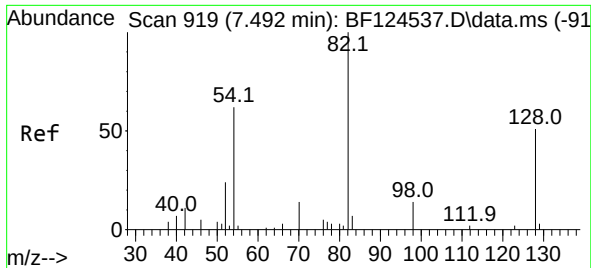
Tgt Ion:136	Resp:	25769
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	7.6	6.4 9.6
68	4.0	3.3 4.9



#22
Acetophenone
Concen: 10.614 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:105	Resp:	6207
Ion Ratio	Lower	Upper
105	100	
71	4.5	5.5 8.3#
51	34.1	26.0 39.0
120	22.9	18.5 27.7

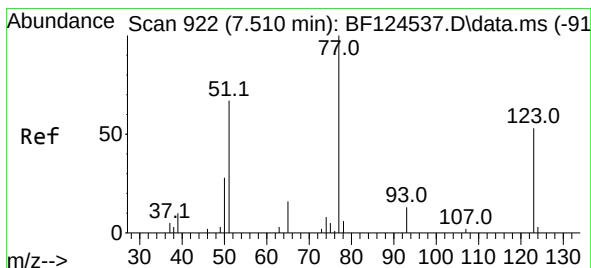
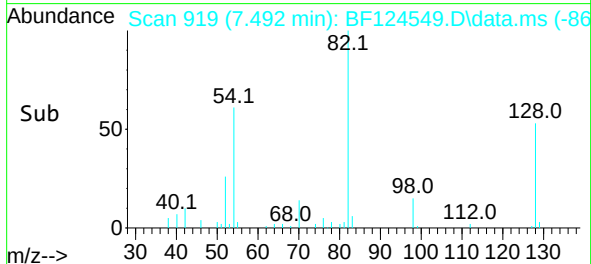
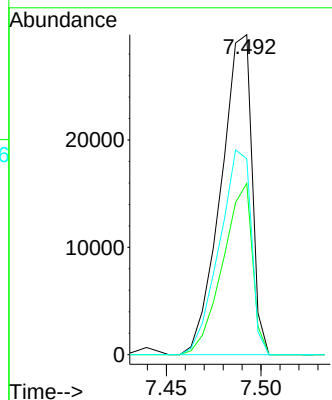
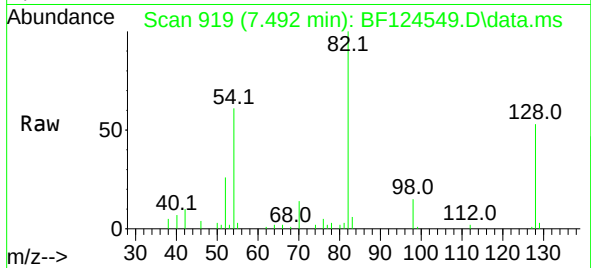




#23
Nitrobenzene-d5
Concen: 82.882 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

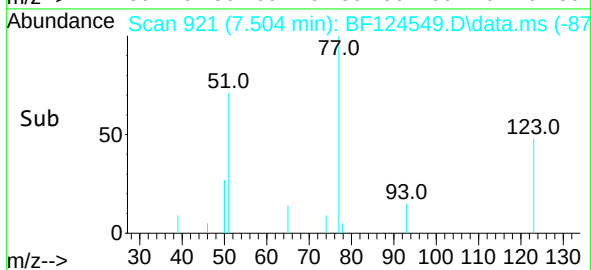
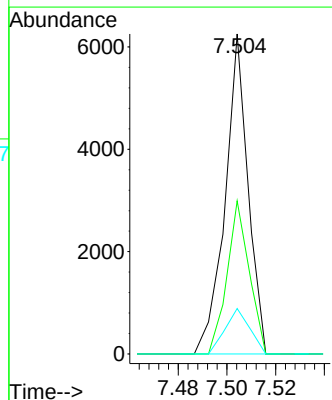
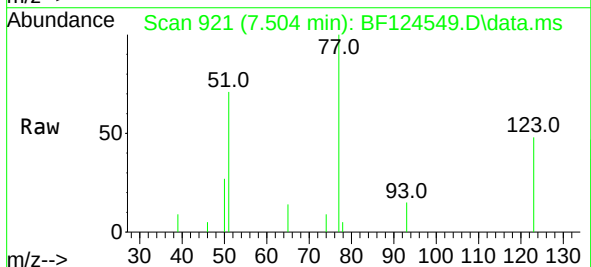
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

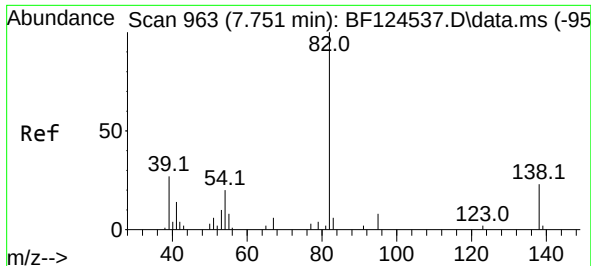
Tgt Ion: 82 Resp: 33833
Ion Ratio Lower Upper
82 100
128 53.5 40.6 60.8
54 61.3 49.6 74.4



#24
Nitrobenzene
Concen: 10.095 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 77 Resp: 4086
Ion Ratio Lower Upper
77 100
123 47.8 42.3 63.5
65 14.2 12.4 18.6

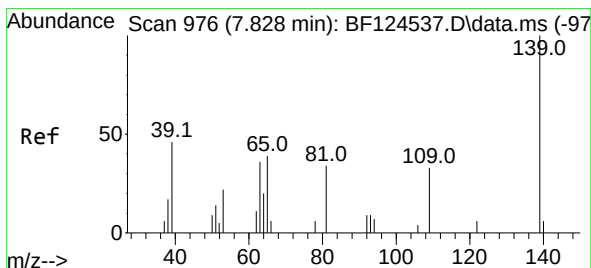
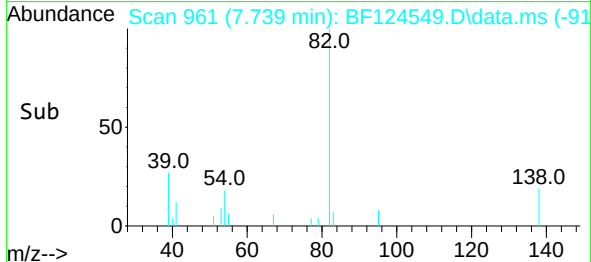
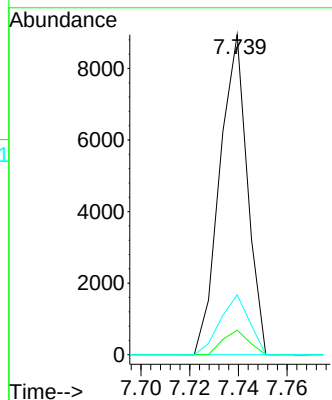
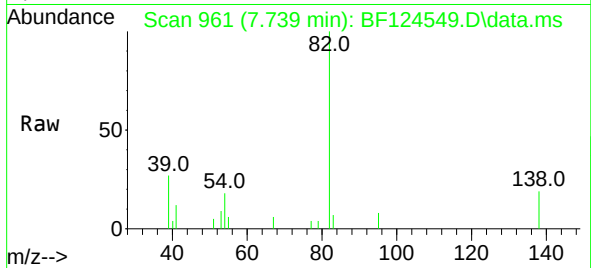




#25
Isophorone
Concen: 9.381 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

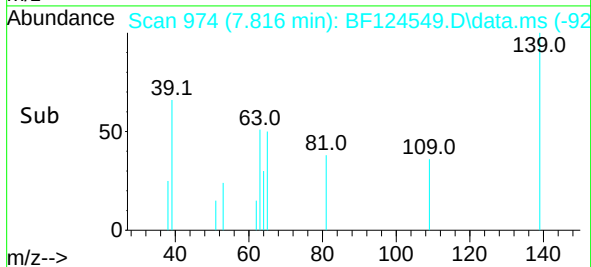
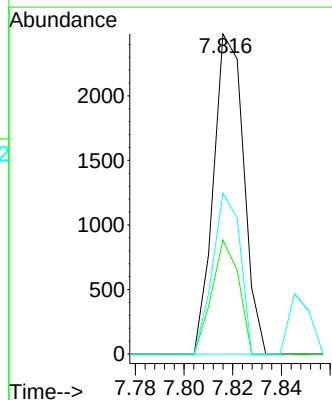
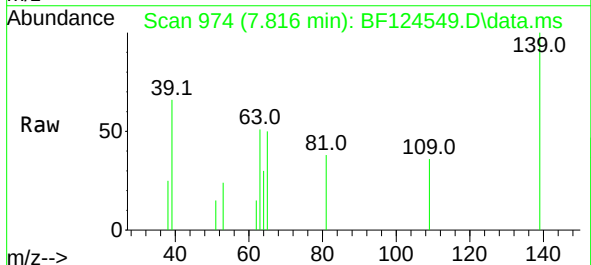
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

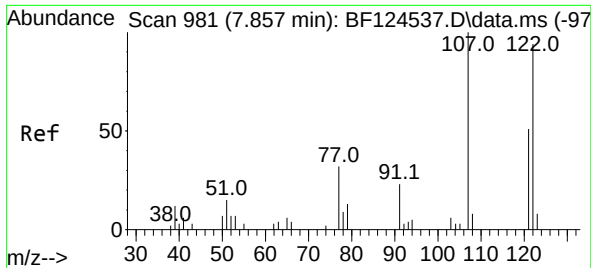
Tgt Ion: 82 Resp: 7030
Ion Ratio Lower Upper
82 100
95 7.7 6.5 9.7
138 18.7 18.4 27.6



#26
2-Nitrophenol
Concen: 9.783 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 139 Resp: 2136
Ion Ratio Lower Upper
139 100
109 35.6 26.0 39.0
65 50.3 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 10.975 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.012 min

Lab File: BF124549.D

Acq: 13 Jul 2021 16:59

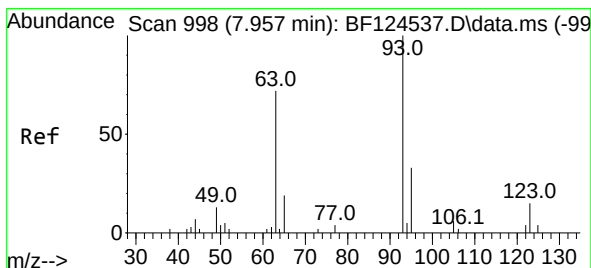
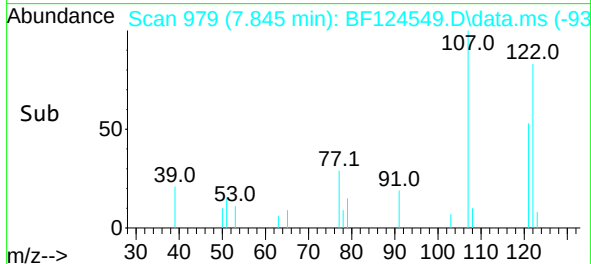
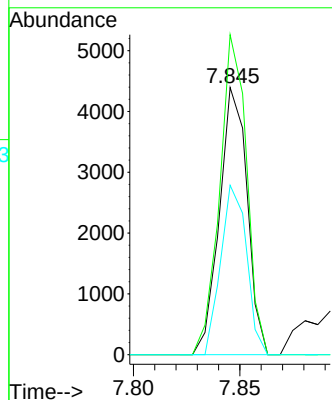
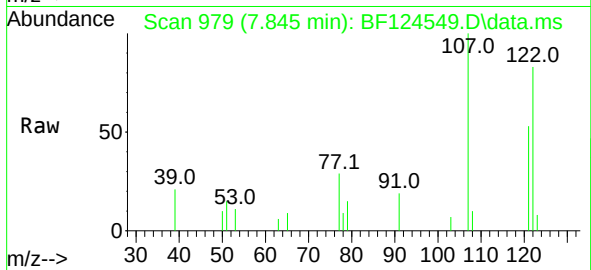
Tgt Ion:	122	Resp:	3971
Ion	Ratio	Lower	Upper
122	100		
107	119.8	85.0	127.6
121	63.4	43.3	64.9

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#28

bis(2-Chloroethoxy)methane

Concen: 10.844 ng

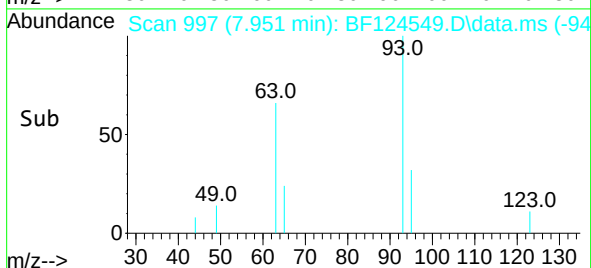
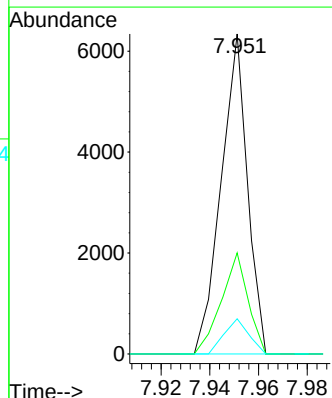
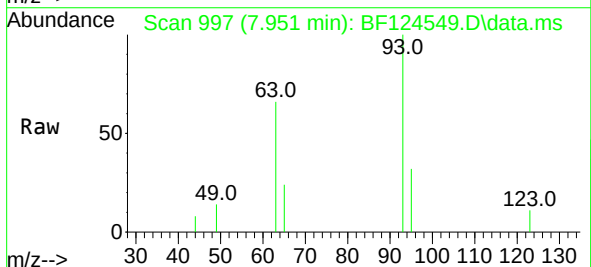
RT: 7.951 min Scan# 997

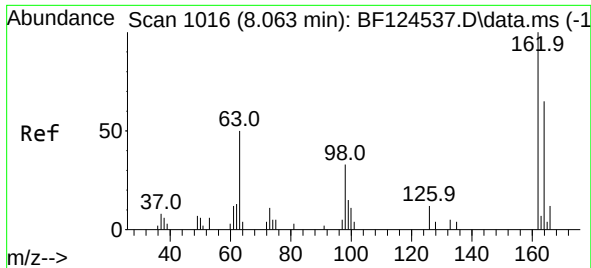
Delta R.T. -0.006 min

Lab File: BF124549.D

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Tgt Ion:	93	Resp:	4740
Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.1	39.1
123	11.0	11.7	17.5#

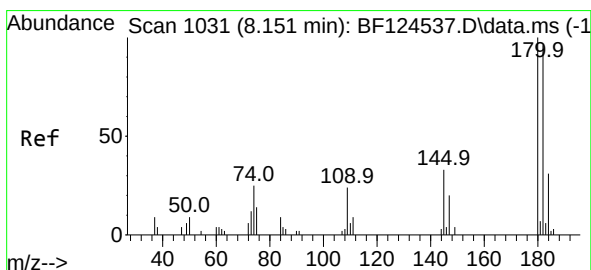
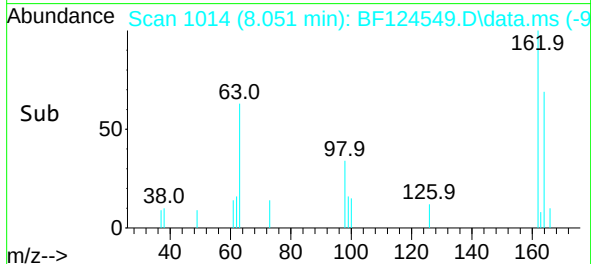
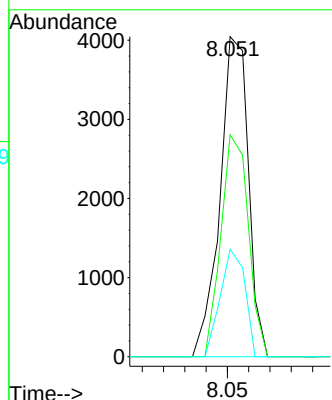
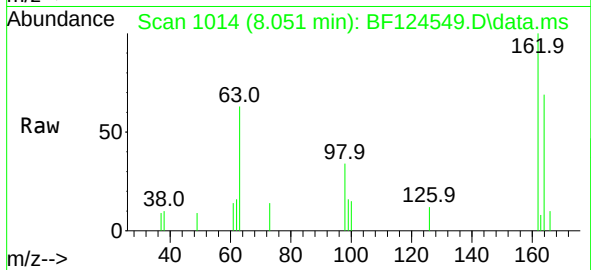




#29
2,4-Dichlorophenol
Concen: 10.043 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

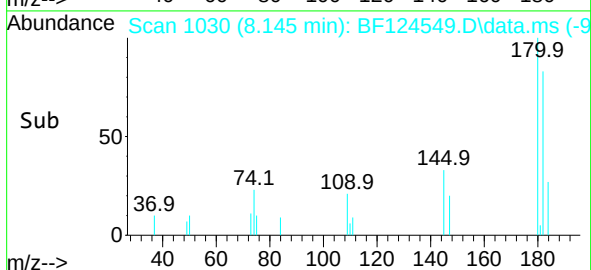
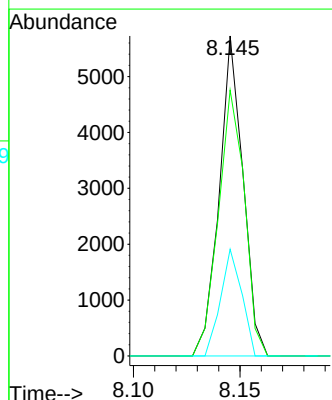
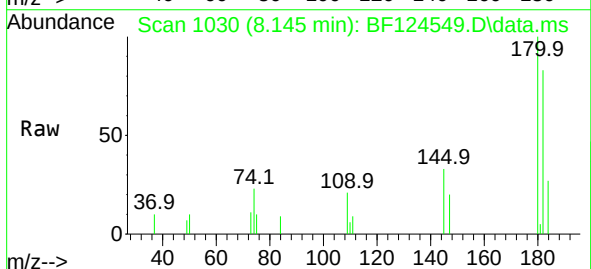
Instrument :
BNA_F
ClientSampleId :
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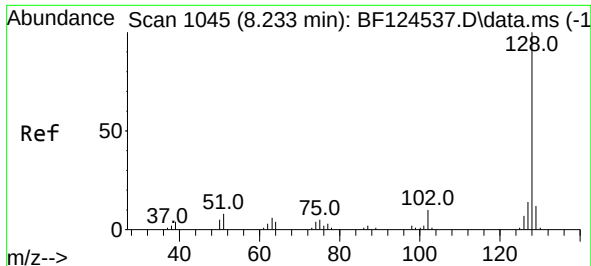
Tgt Ion:162 Resp: 3748
Ion Ratio Lower Upper
162 100
164 69.3 44.5 84.5
98 33.6 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 10.748 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

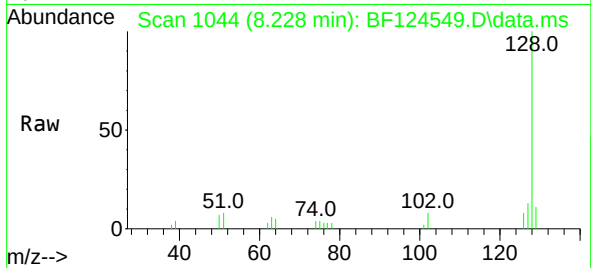
Tgt Ion:180 Resp: 4439
Ion Ratio Lower Upper
180 100
182 83.1 76.8 115.2
145 33.3 26.7 40.1



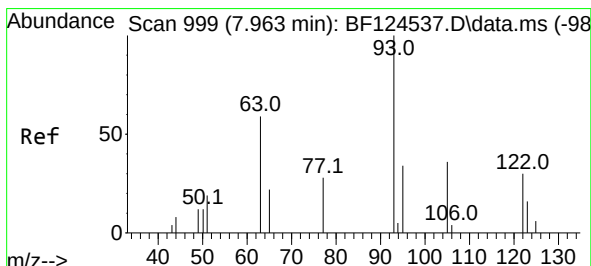
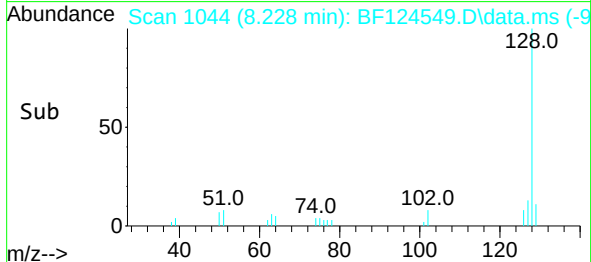
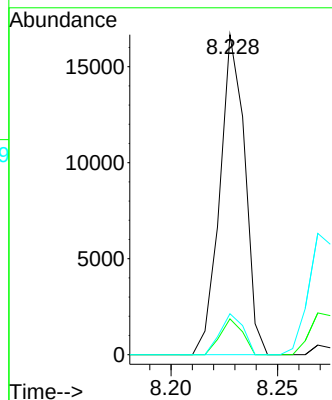


#31
Naphthalene
Concen: 10.208 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

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

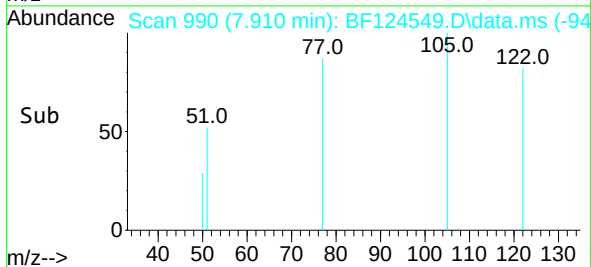
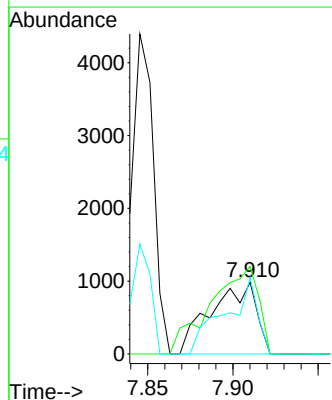
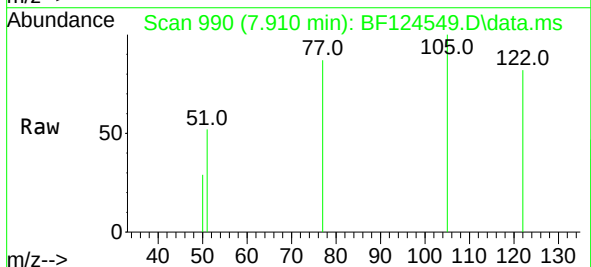


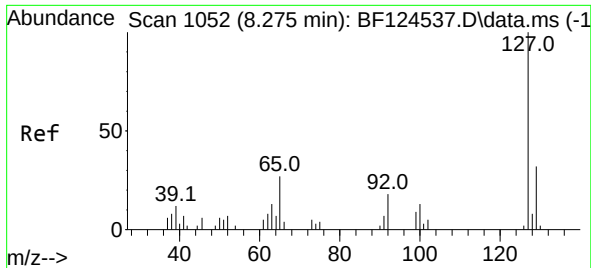
Tgt Ion:128 Resp: 13605
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 7.249 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.053 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:122 Resp: 1828
Ion Ratio Lower Upper
122 100
105 121.9 97.6 137.6
77 106.5 59.6 99.6#

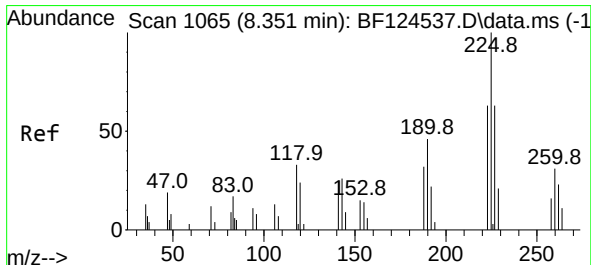
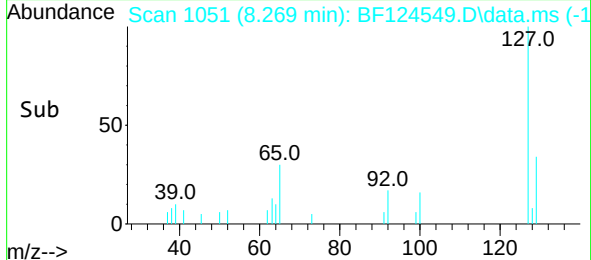
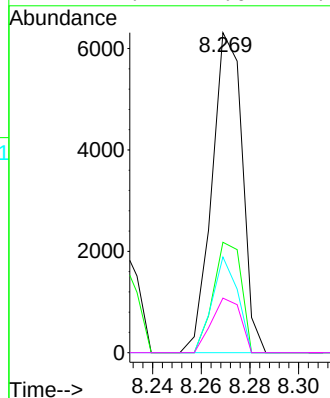
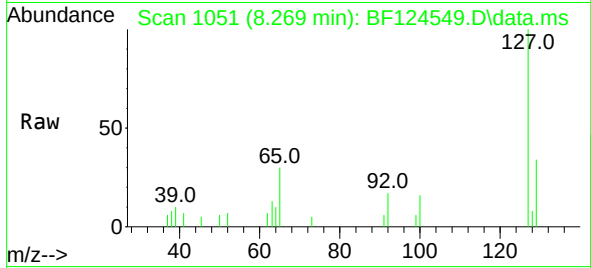




#33
4-Chloroaniline
Concen: 10.859 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

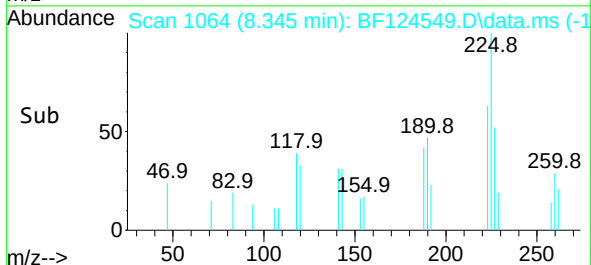
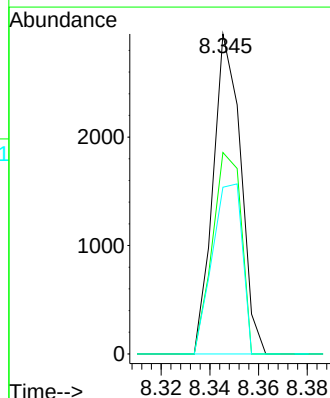
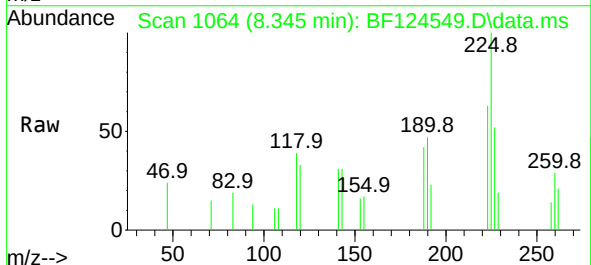
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

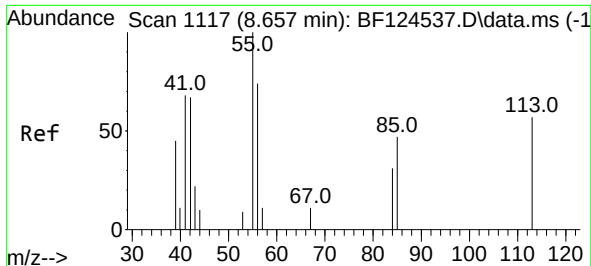
Tgt Ion:	127	Resp:	5469
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.7	38.5
65	29.9	21.2	31.8
92	17.1	14.0	21.0



#34
Hexachlorobutadiene
Concen: 9.982 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	225	Resp:	2327
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	52.1	50.6	75.8

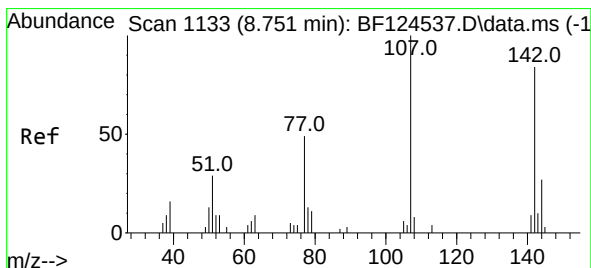
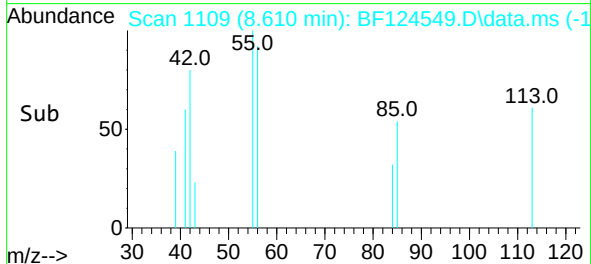
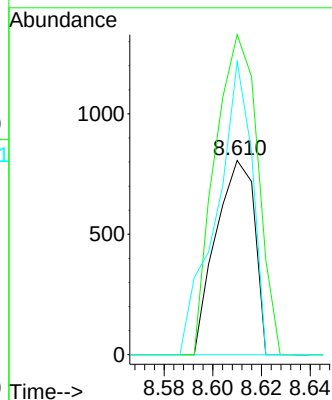
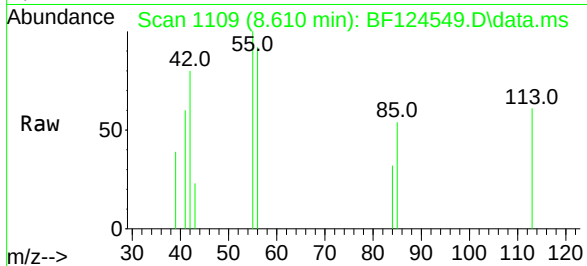




#35
Caprolactam
Concen: 9.439 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.047 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

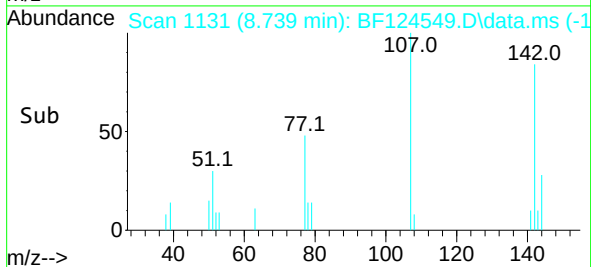
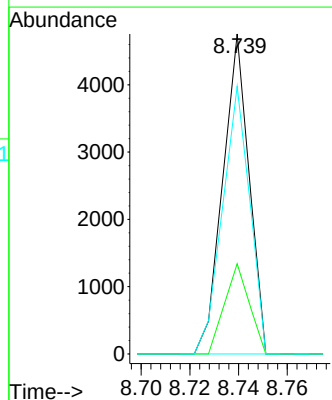
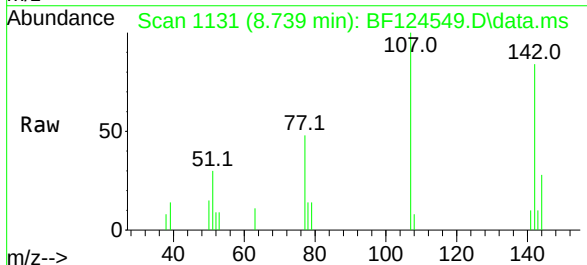
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

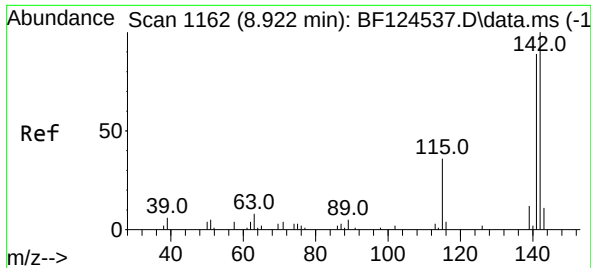
Tgt Ion:113 Resp: 891
Ion Ratio Lower Upper
113 100
55 164.7 154.1 194.1
56 150.8 108.7 148.7#



#36
4-Chloro-3-methylphenol
Concen: 9.671 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:107 Resp: 3569
Ion Ratio Lower Upper
107 100
144 28.2 21.9 32.9
142 83.7 67.1 100.7

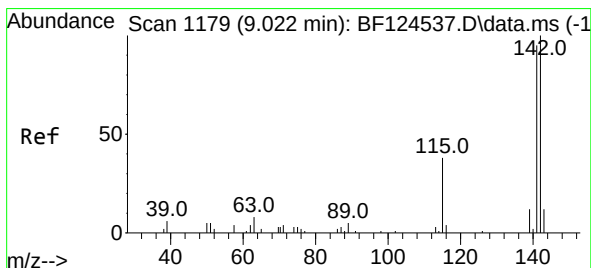
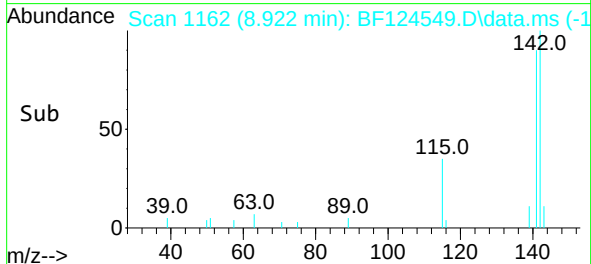
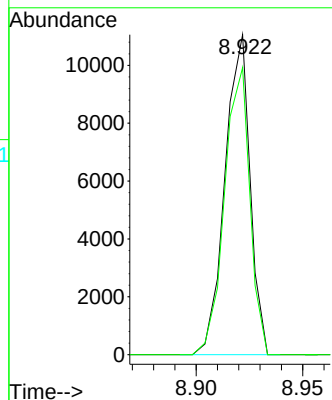
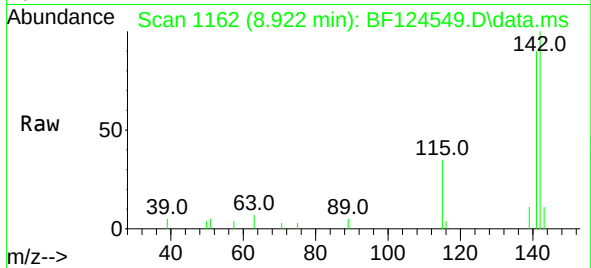




#37
2-Methylnaphthalene
Concen: 10.060 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

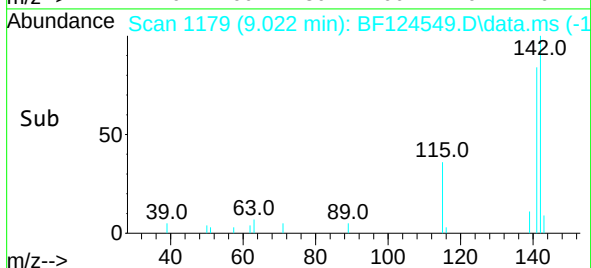
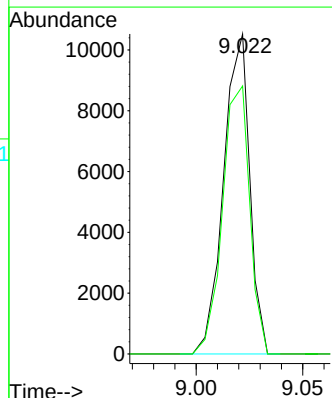
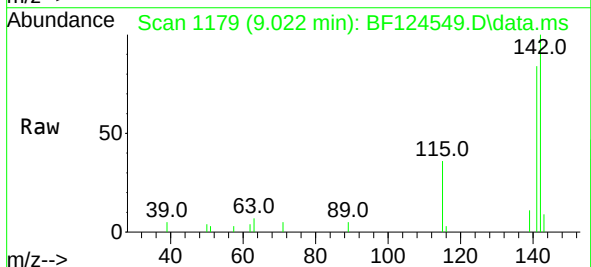
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

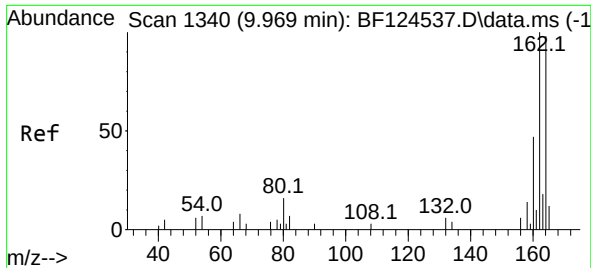
Tgt Ion:142 Resp: 9048
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 10.577 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:142 Resp: 8934
Ion Ratio Lower Upper
142 100
141 83.8 76.0 114.0

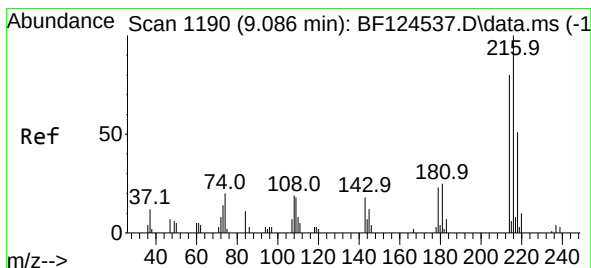
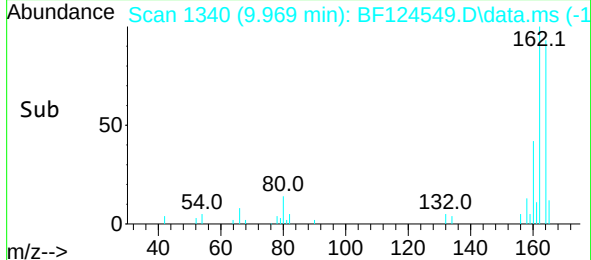
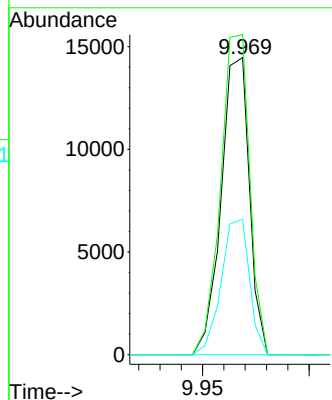
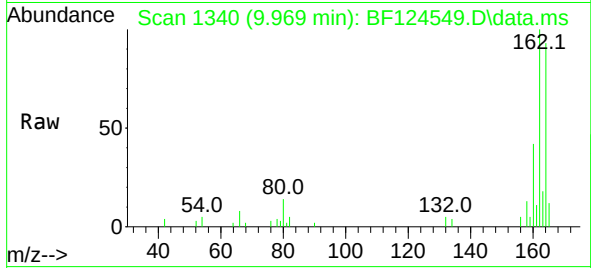




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

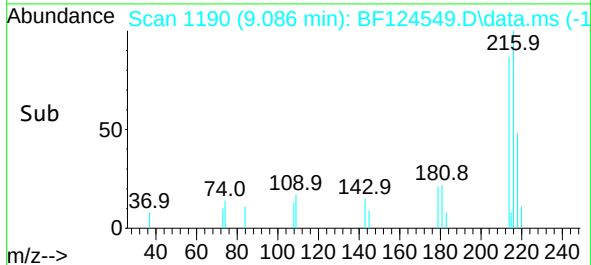
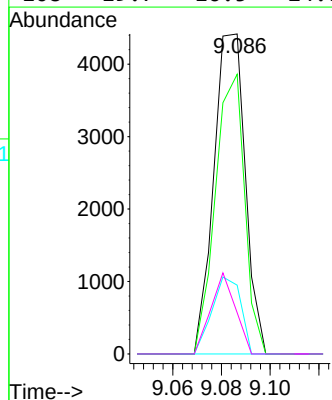
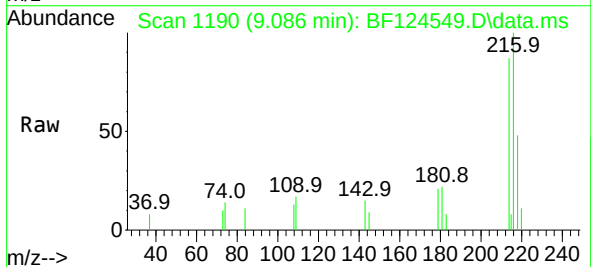
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

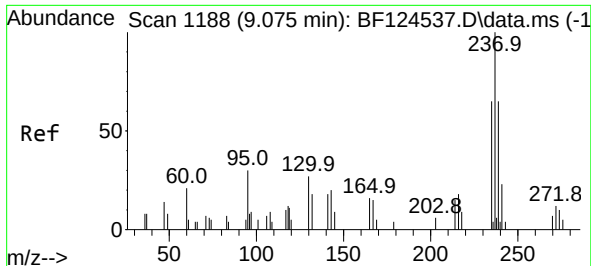
Tgt Ion:164	Resp:	13341
Ion Ratio	Lower	Upper
164	100	
162	107.7	81.3 121.9
160	45.6	38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.174 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:216	Resp:	3976
Ion Ratio	Lower	Upper
216	100	
214	81.1	64.9 97.3
179	21.9	17.4 26.2
108	19.7	16.5 24.7

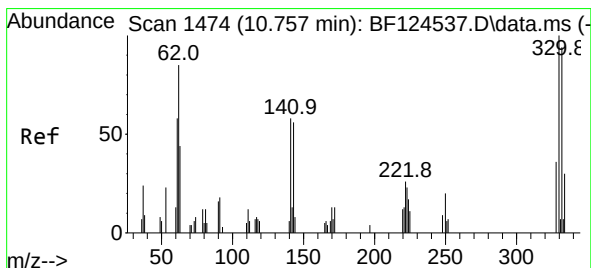
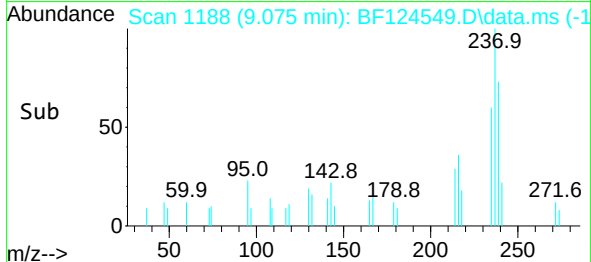
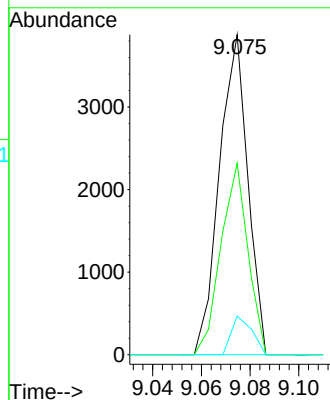
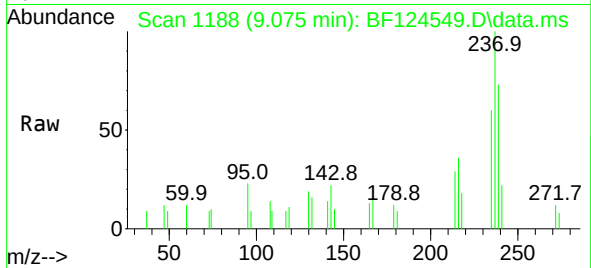




#41
Hexachlorocyclopentadiene
Concen: 14.118 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

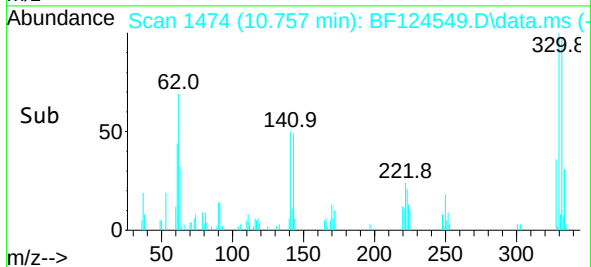
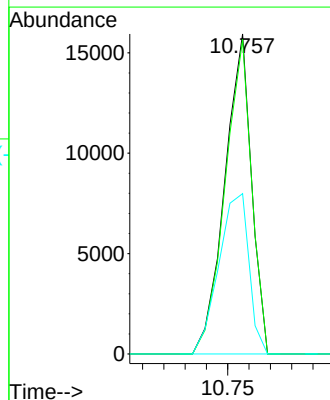
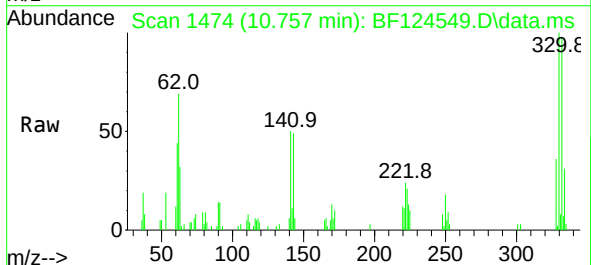
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

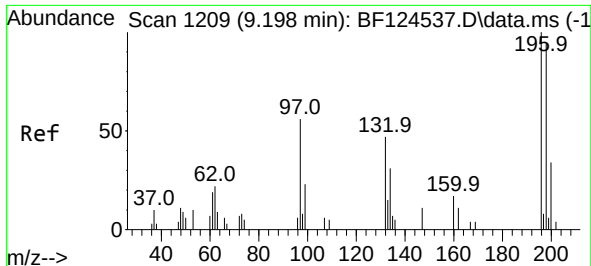
Tgt Ion:	237	Resp:	3138
Ion Ratio	Lower	Upper	
237	100		
235	59.8	44.7	84.7
272	12.0	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 133.455 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	330	Resp:	13855
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.2	114.4
141	56.6	44.6	66.8

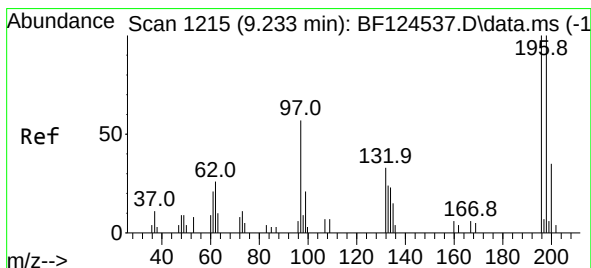
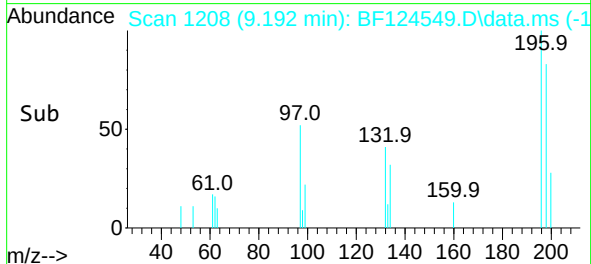
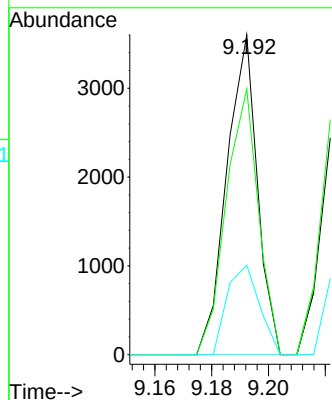
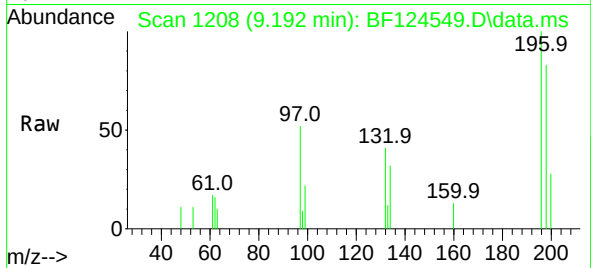




#43
2,4,6-Trichlorophenol
Concen: 10.518 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

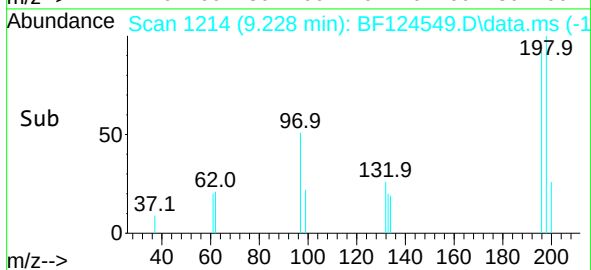
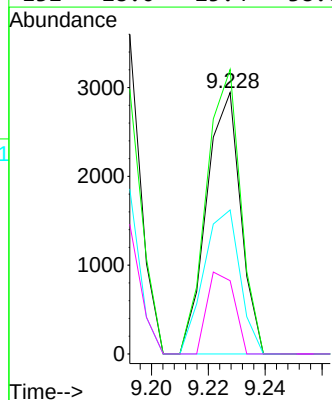
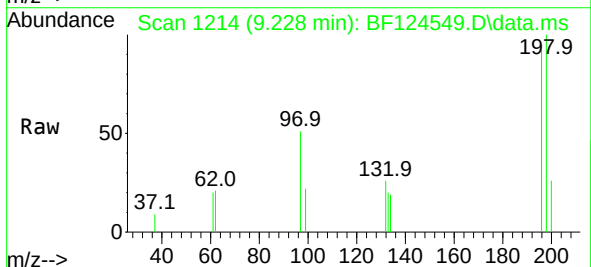
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

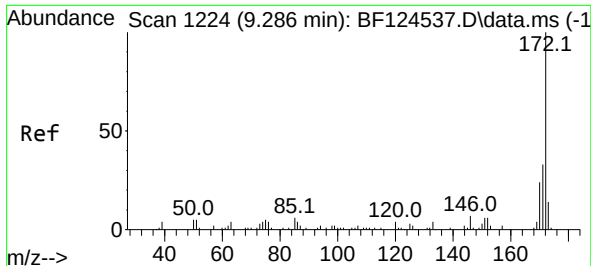
Tgt Ion:196 Resp: 2702
Ion Ratio Lower Upper
196 100
198 83.0 74.9 112.3
200 27.9 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 9.274 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:196 Resp: 2457
Ion Ratio Lower Upper
196 100
198 108.8 80.2 120.2
97 55.1 44.0 66.0
132 28.0 25.4 38.0

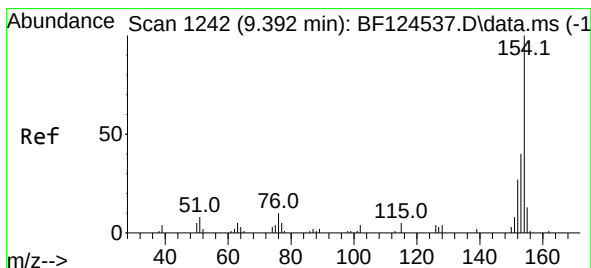
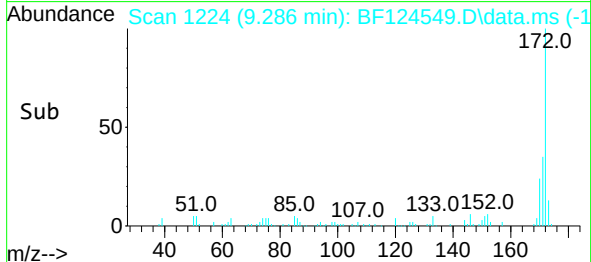
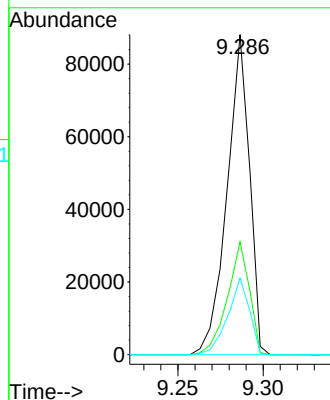
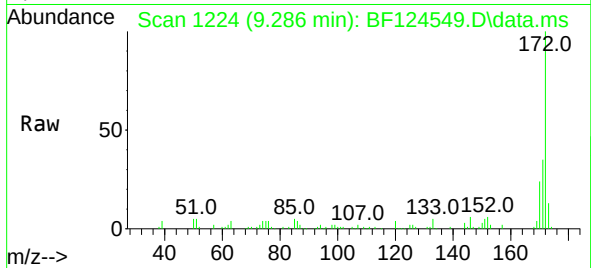




#45
2-Fluorobiphenyl
Concen: 87.839 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

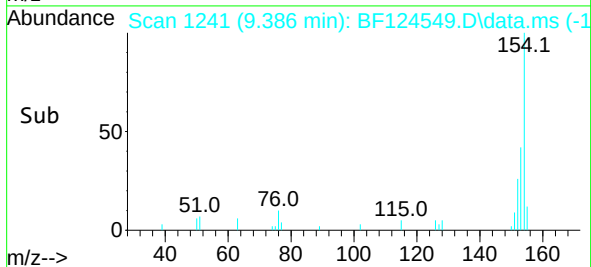
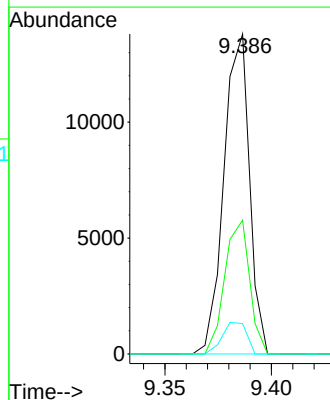
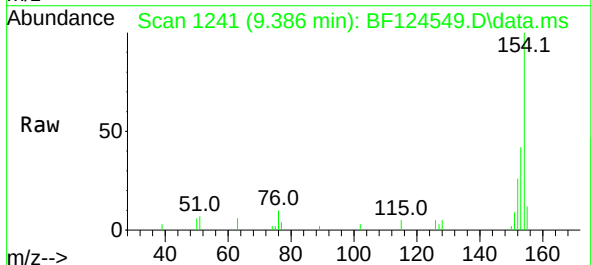
Instrument :
BNA_F
ClientSampleId :
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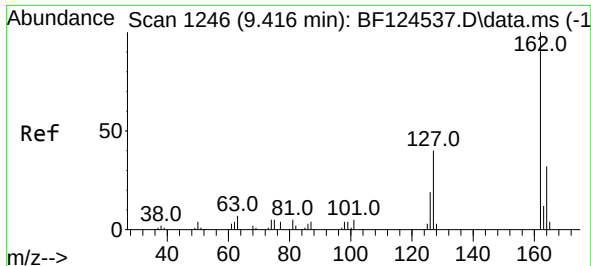
Tgt Ion:172 Resp: 80361
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 11.328 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:154 Resp: 11478
Ion Ratio Lower Upper
154 100
153 41.8 20.0 60.0
76 9.5 0.0 30.3

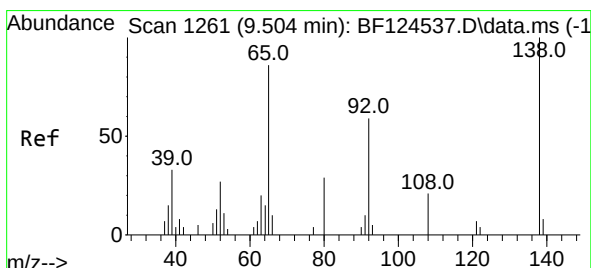
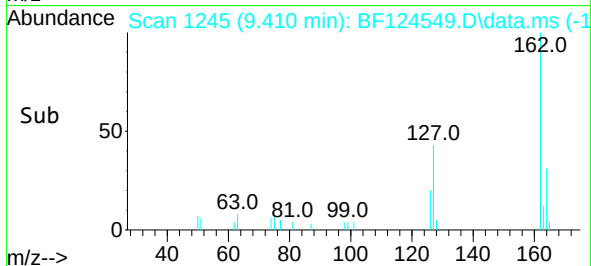
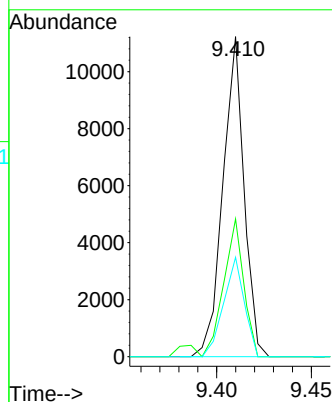
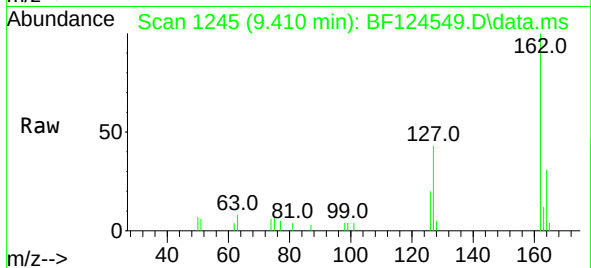




#47
2-Chloronaphthalene
Concen: 10.985 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

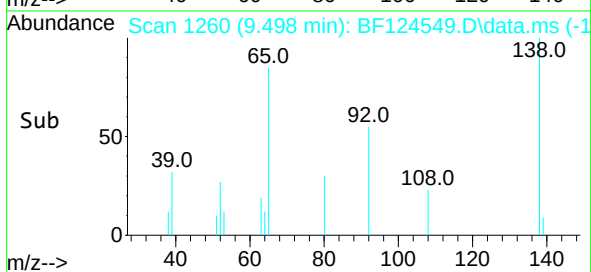
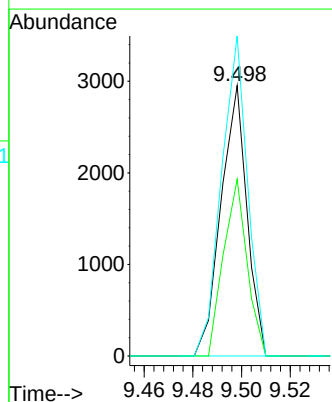
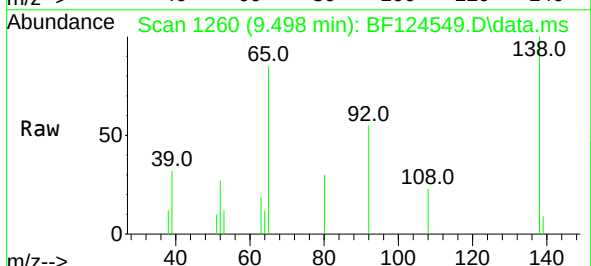
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

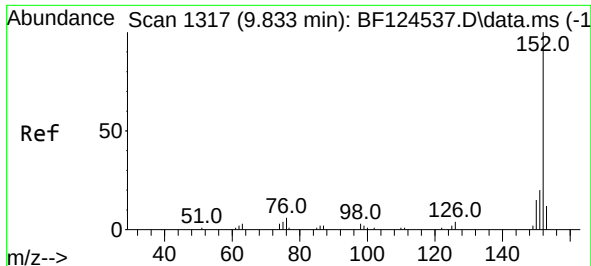
Tgt Ion:	162	Resp:	8727
Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.0	49.4
164	31.1	25.8	38.8



#48
2-Nitroaniline
Concen: 11.443 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

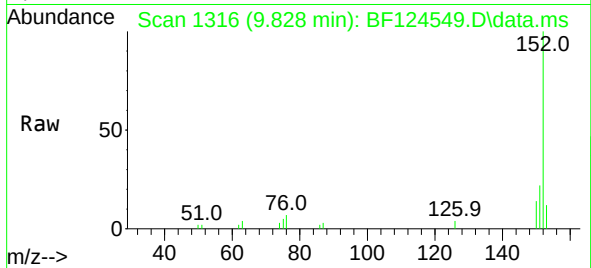
Tgt Ion:	65	Resp:	2186
Ion	Ratio	Lower	Upper
65	100		
92	65.3	55.5	83.3
138	118.3	93.5	140.3



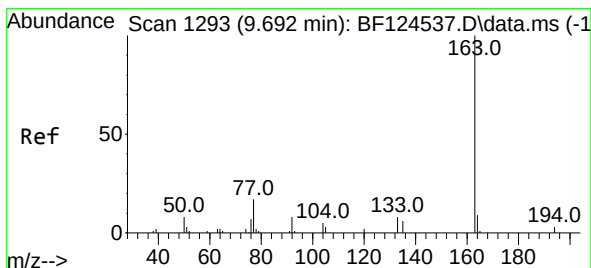
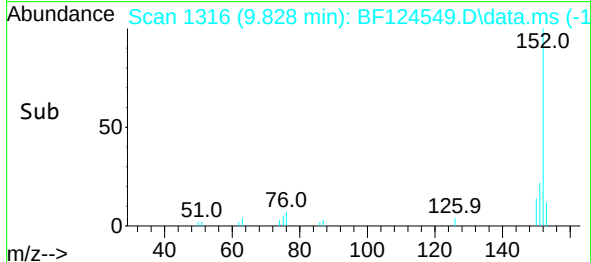
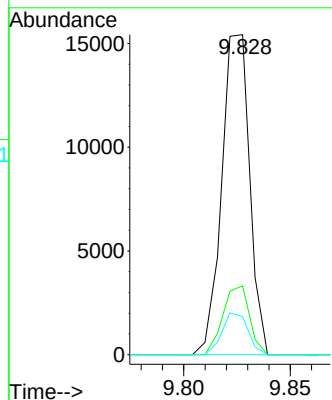


#49
Acenaphthylene
Concen: 11.320 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

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

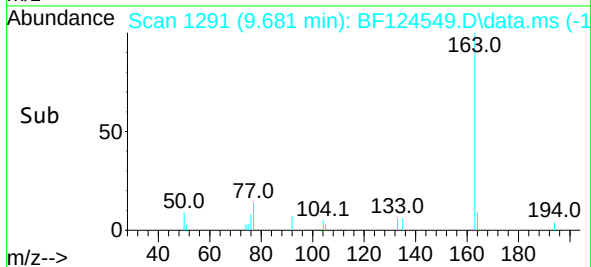
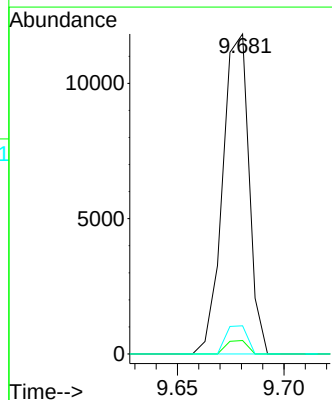
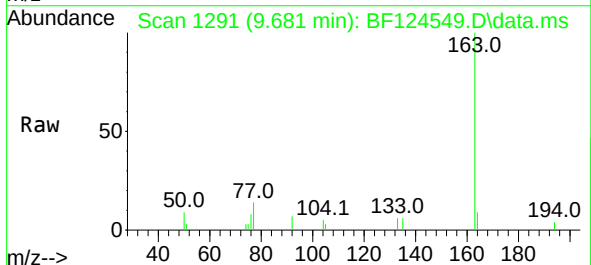


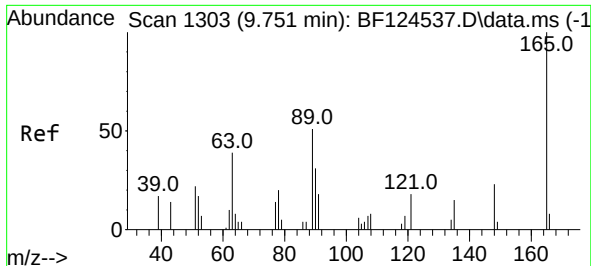
Tgt Ion:	152	Resp:	14034
Ion Ratio	100	Lower	Upper
151	21.6	15.7	23.5
153	11.9	9.8	14.8



#50
Dimethylphthalate
Concen: 10.932 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	163	Resp:	10147
Ion Ratio	100	Lower	Upper
194	4.2	2.6	3.8#
164	8.8	7.4	11.0

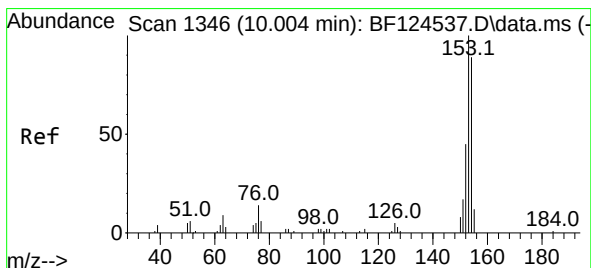
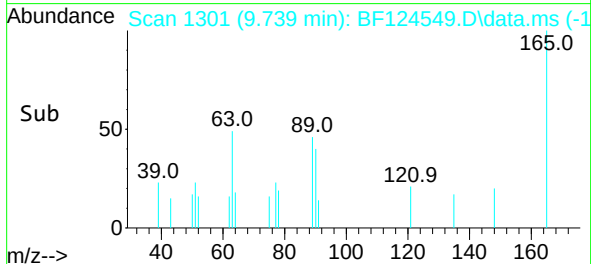
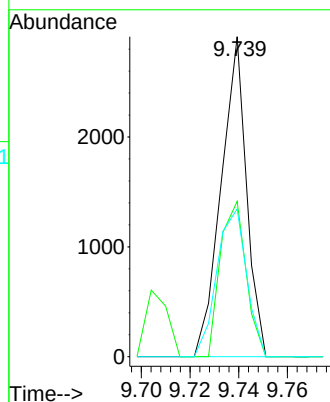
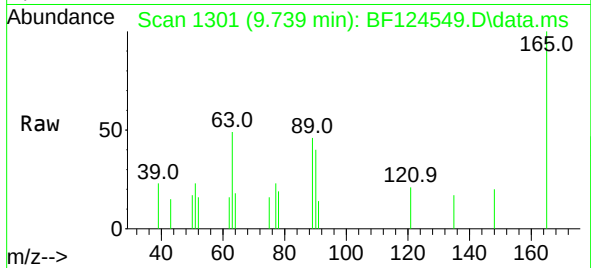




#51
2,6-Dinitrotoluene
Concen: 11.504 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

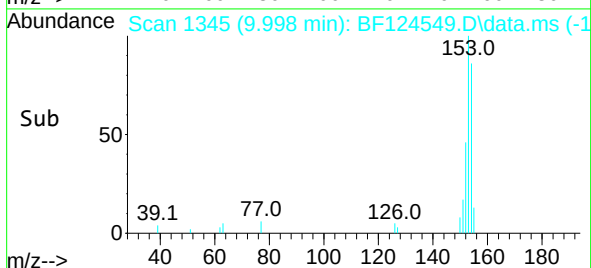
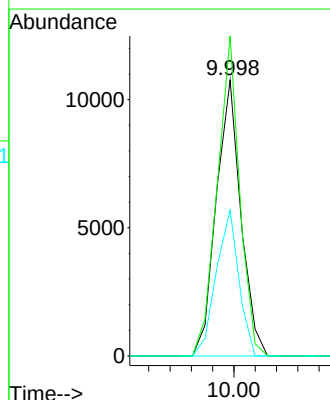
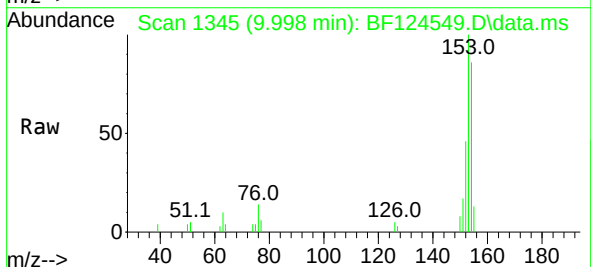
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

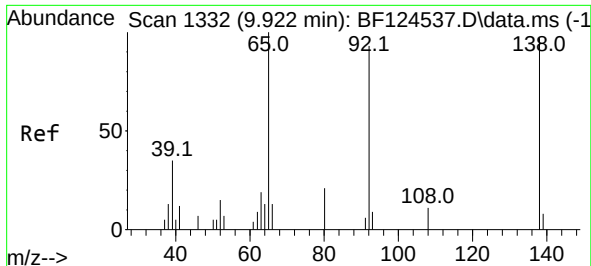
Tgt Ion:165 Resp: 2105
Ion Ratio Lower Upper
165 100
63 48.6 42.6 63.8
89 46.2 40.6 60.8



#52
Acenaphthene
Concen: 10.863 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:154 Resp: 8611
Ion Ratio Lower Upper
154 100
153 116.0 89.4 134.2
152 53.0 40.5 60.7

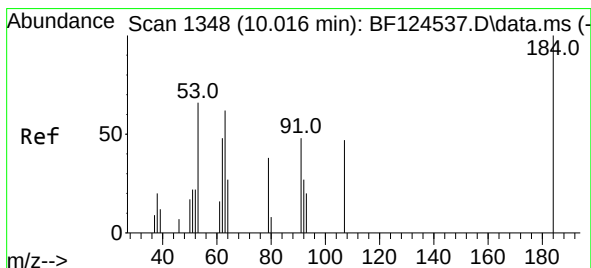
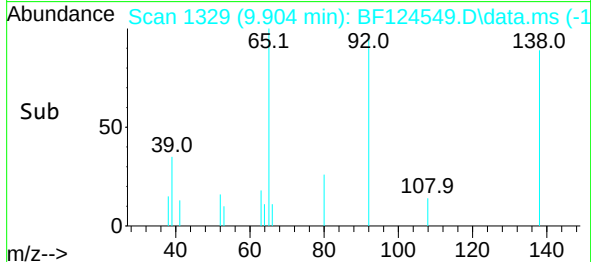
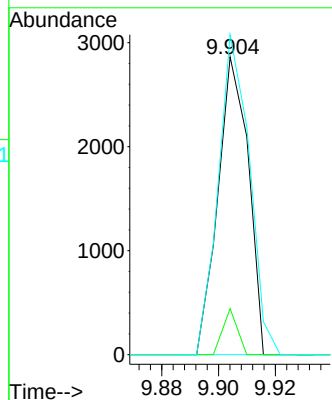
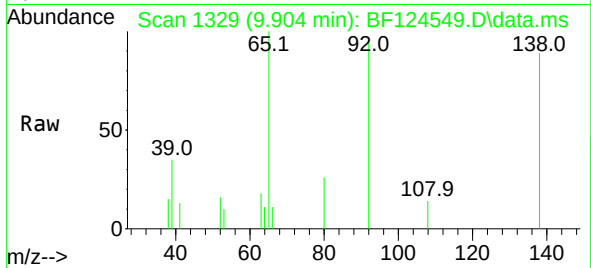




#53
3-Nitroaniline
Concen: 10.392 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.017 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

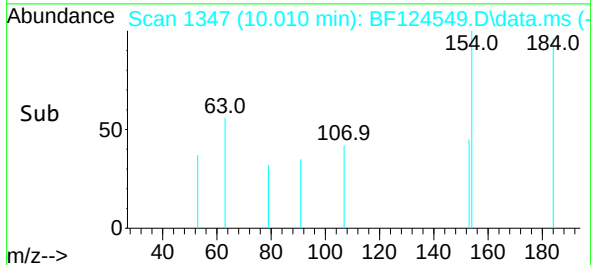
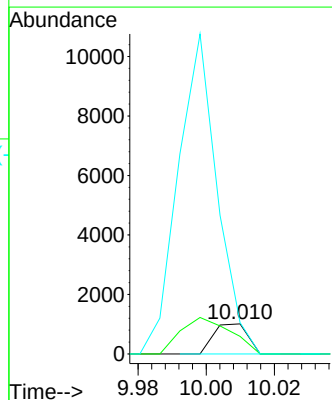
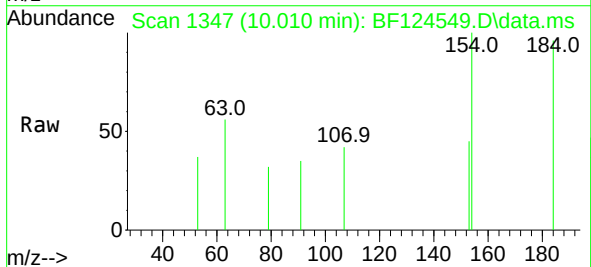
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

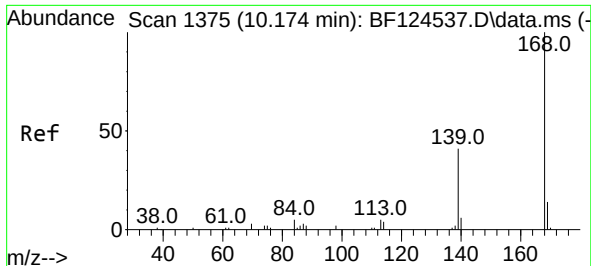
Tgt Ion:138 Resp: 2122
Ion Ratio Lower Upper
138 100
108 15.5 9.3 13.9#
92 107.5 76.5 114.7



#54
2,4-Dinitrophenol
Concen: 7.342 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

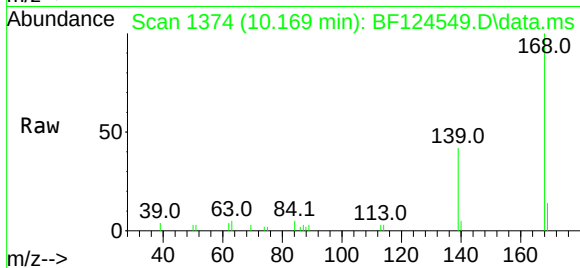
Tgt Ion:184 Resp: 701
Ion Ratio Lower Upper
184 100
63 58.5 59.3 88.9#
154 104.0 68.6 102.8#



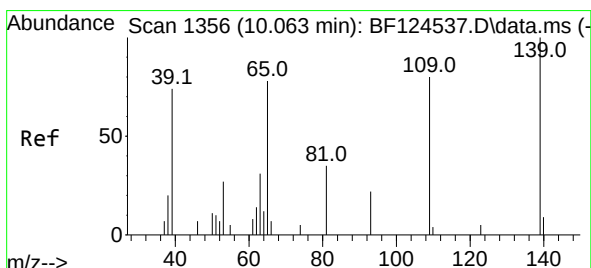
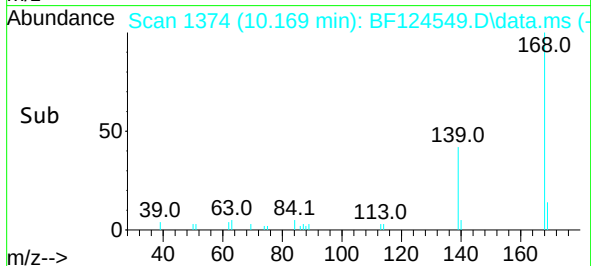
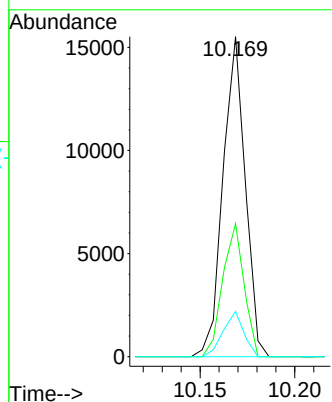


#55
Dibenzenofuran
Concen: 10.865 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

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

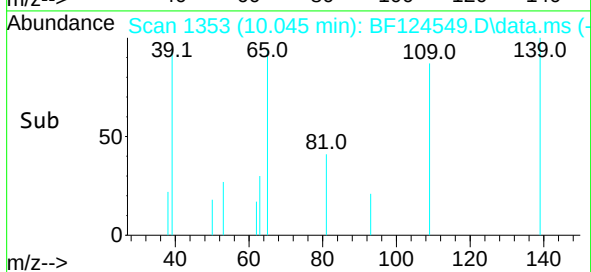
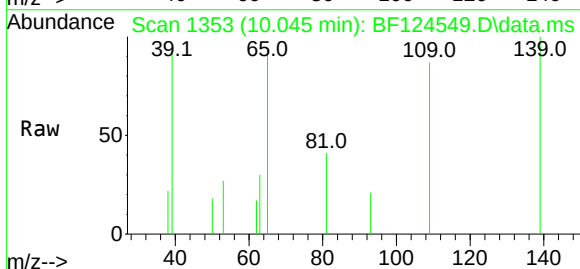
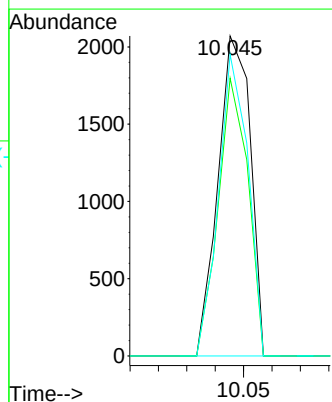


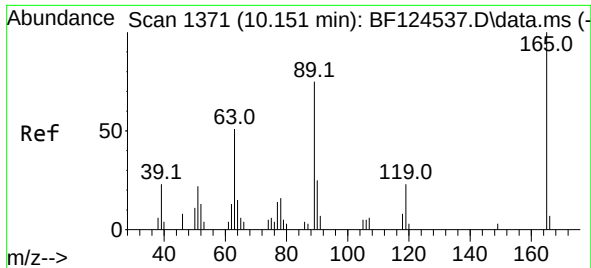
Tgt Ion:168 Resp: 12663
Ion Ratio Lower Upper
168 100
139 41.5 32.7 49.1
169 14.1 11.2 16.8



#56
4-Nitrophenol
Concen: 9.638 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.017 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

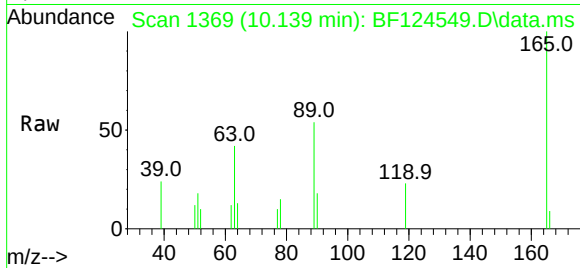
Tgt Ion:139 Resp: 1638
Ion Ratio Lower Upper
139 100
109 86.8 60.4 100.4
65 94.2 58.4 98.4



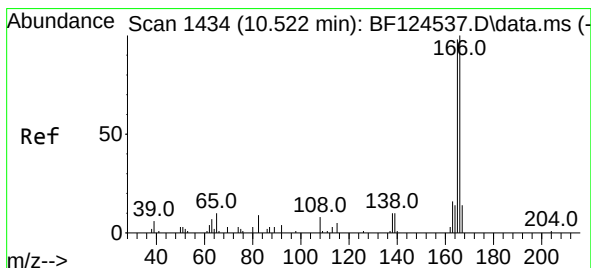
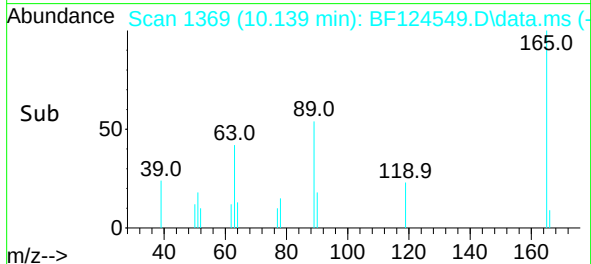
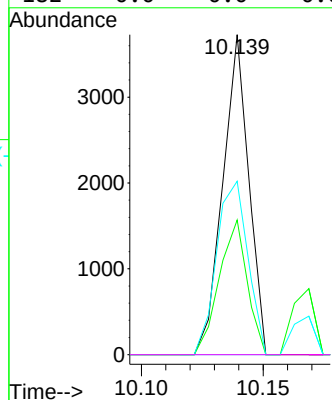


#57
2,4-Dinitrotoluene
Concen: 11.038 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

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

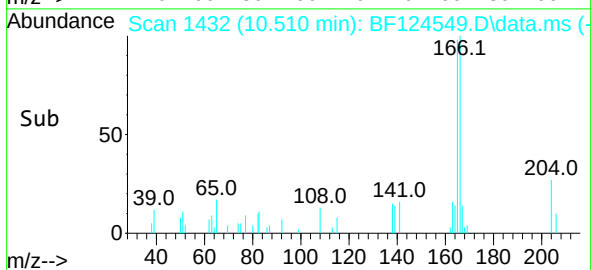
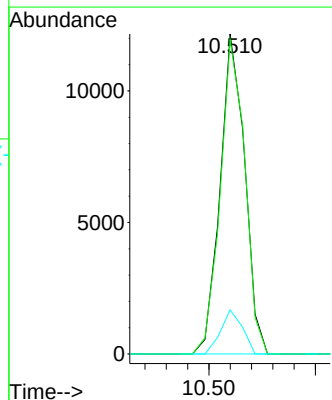
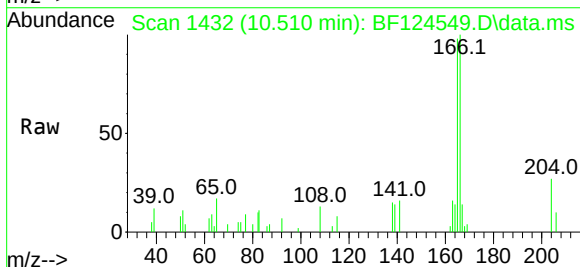


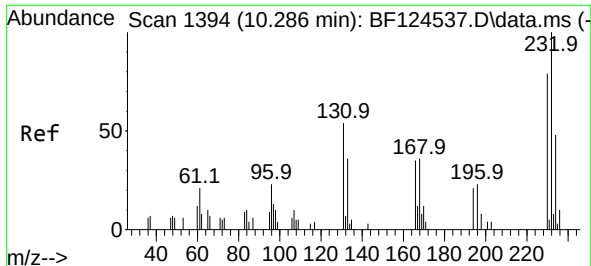
Tgt Ion:165	Resp:	2765
Ion	Ratio	Lower Upper
165	100	
63	42.1	40.9 61.3
89	54.2	59.7 89.5#
182	0.0	0.0 0.0



#58
Fluorene
Concen: 10.815 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:166	Resp:	9750
Ion	Ratio	Lower Upper
166	100	
165	98.2	78.1 117.1
167	13.8	11.1 16.7



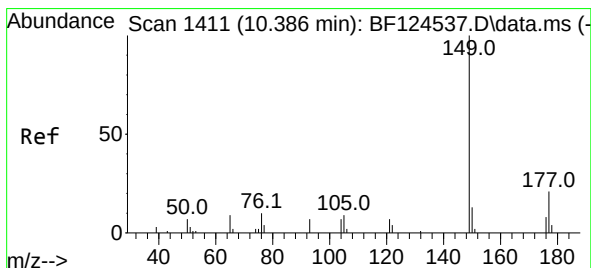
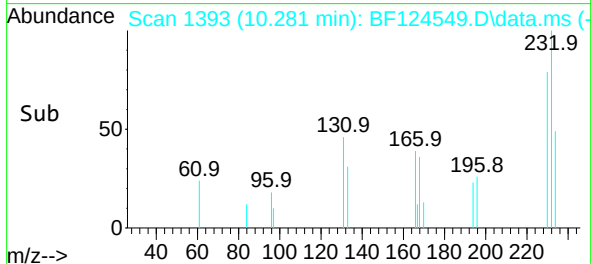
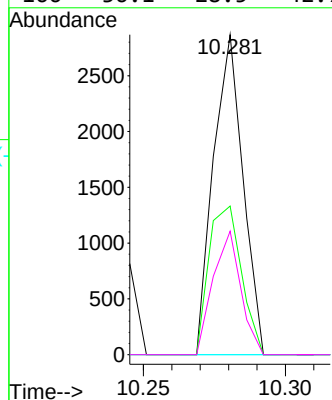
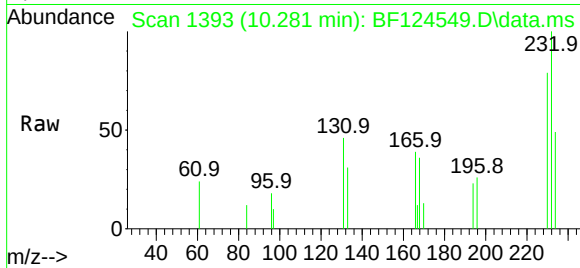


#59
2,3,4,6-Tetrachlorophenol
Concen: 10.126 ng
RT: 10.281 min Scan# 1393
Delta R.T. -0.005 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

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

Tgt Ion:232 Resp: 2072

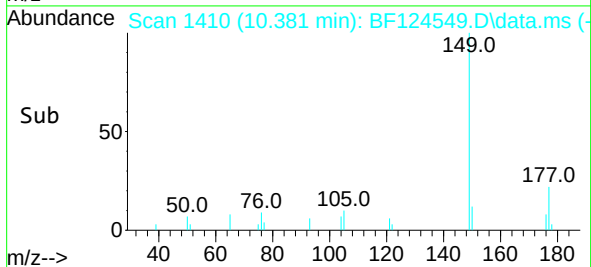
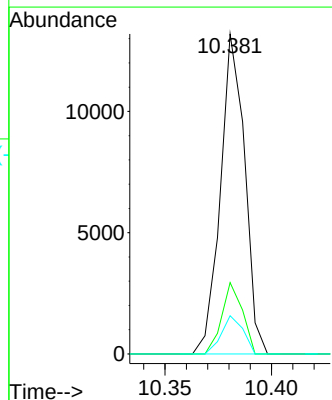
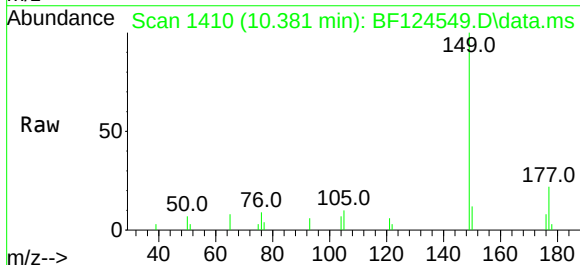
Ion	Ratio	Lower	Upper
232	100		
131	51.2	45.4	68.0
130	0.0	0.0	0.0
166	36.1	28.5	42.7

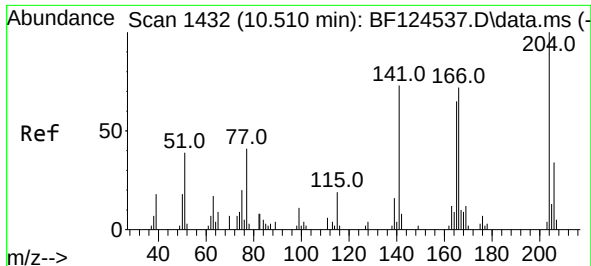


#60
Diethylphthalate
Concen: 10.761 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:149 Resp: 10444

Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.5	24.7
150	11.9	10.1	15.1

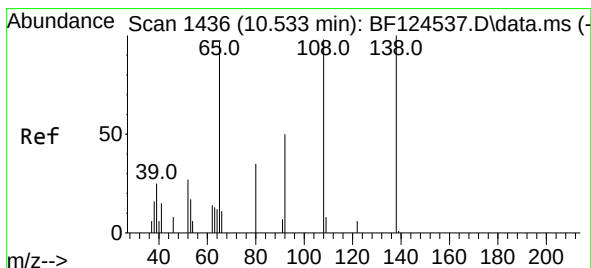
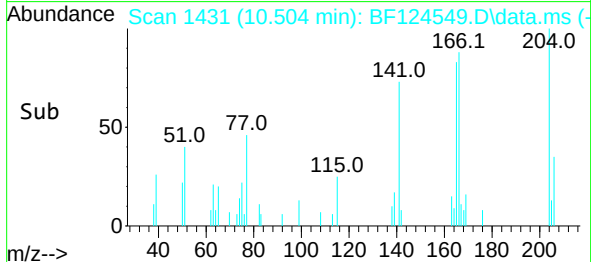
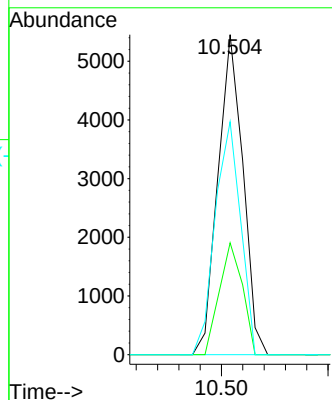
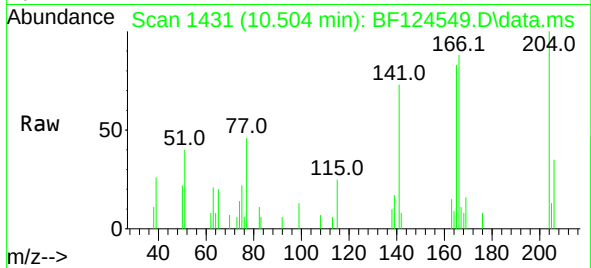




#61
4-Chlorophenyl-phenylether
Concen: 10.841 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

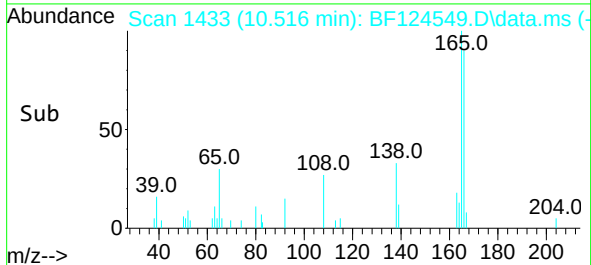
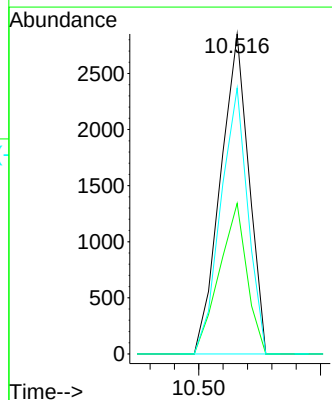
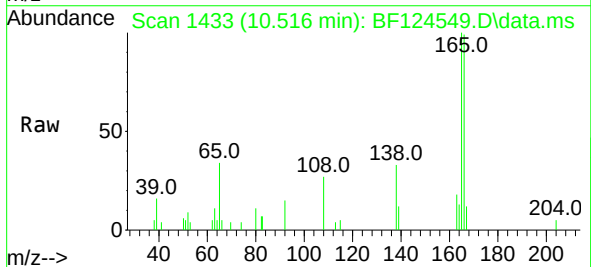
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

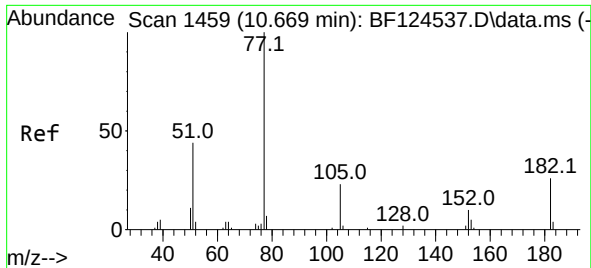
Tgt Ion:204 Resp: 4436
Ion Ratio Lower Upper
204 100
206 35.0 27.6 41.4
141 72.8 58.6 88.0



#62
4-Nitroaniline
Concen: 11.186 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.017 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:138 Resp: 2302
Ion Ratio Lower Upper
138 100
92 47.1 29.6 69.6
108 83.1 78.1 118.1

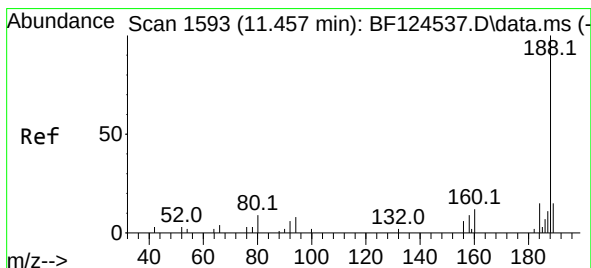
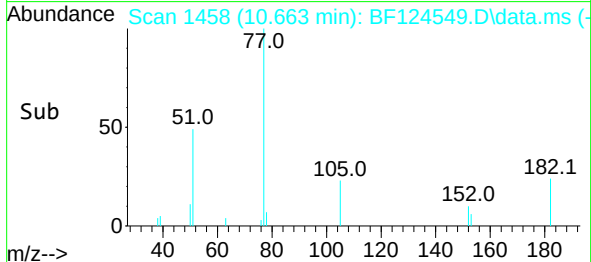
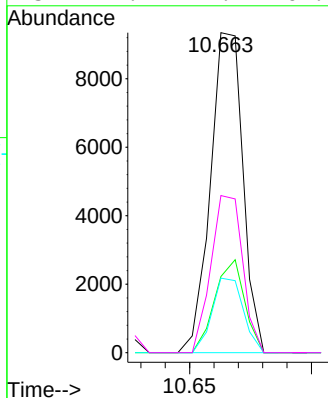
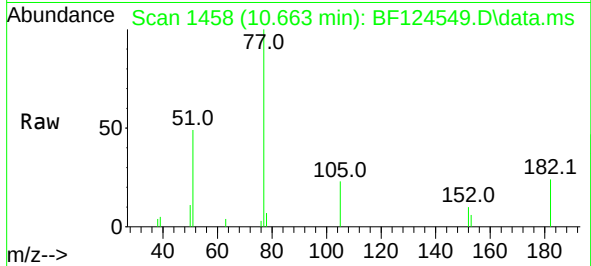




#63
Azobenzene
Concen: 10.221 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

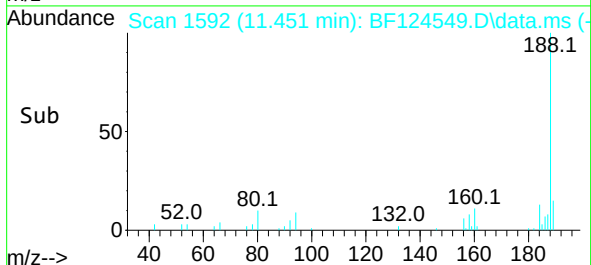
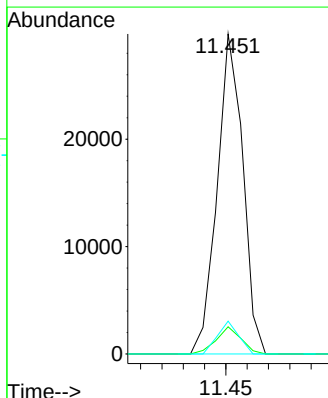
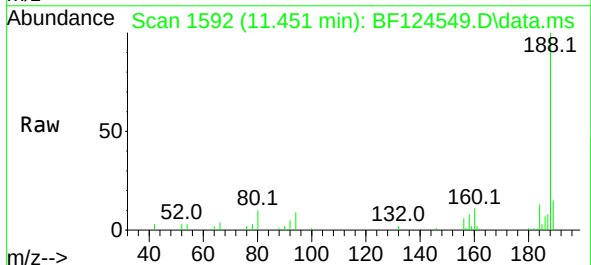
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

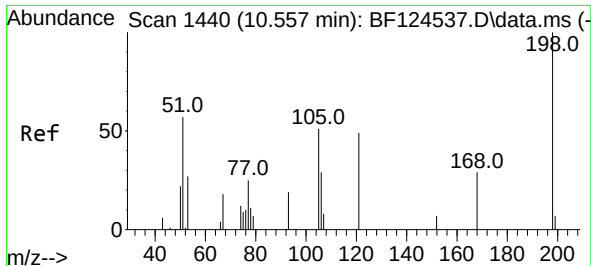
Tgt Ion: 77	Resp: 8671
Ion Ratio	Lower Upper
77 100	
182 23.8	6.3 46.3
105 23.3	2.9 42.9
51 49.1	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion: 188	Resp: 24882
Ion Ratio	Lower Upper
188 100	
94 8.5	6.7 10.1
80 10.3	7.5 11.3

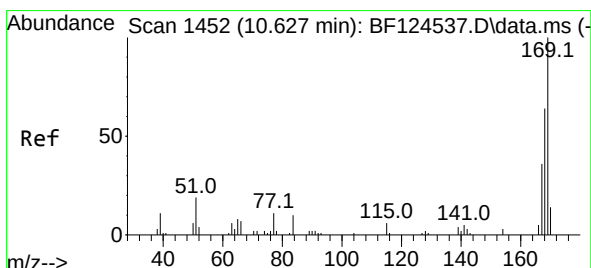
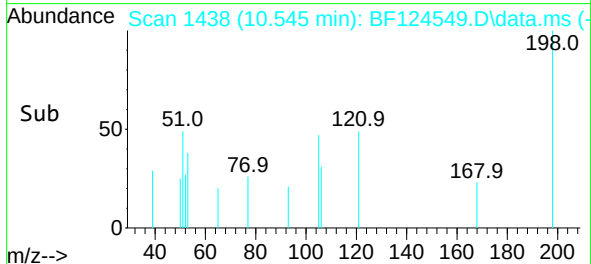
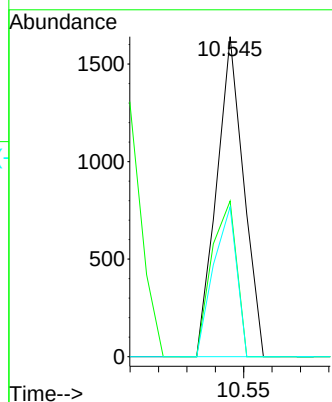
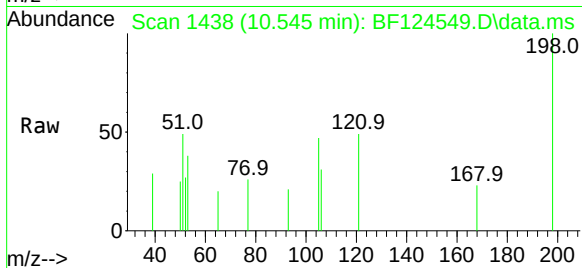




#65
4,6-Dinitro-2-methylphenol
Concen: 7.626 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

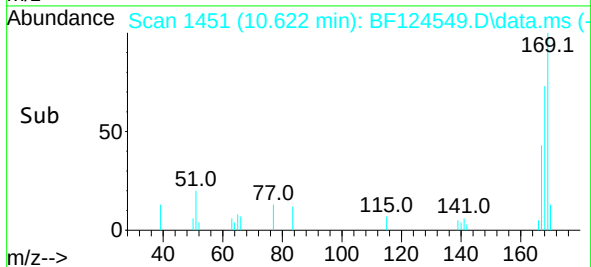
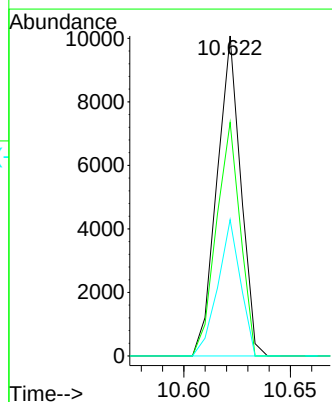
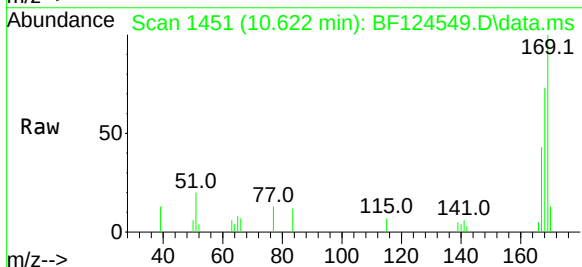
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

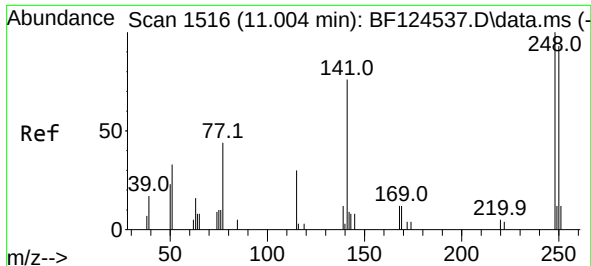
Tgt Ion:198 Resp: 1084
Ion Ratio Lower Upper
198 100
51 48.7 45.3 85.3
105 46.8 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 9.664 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:169 Resp: 7830
Ion Ratio Lower Upper
169 100
168 73.0 50.8 76.2
167 42.6 28.8 43.2

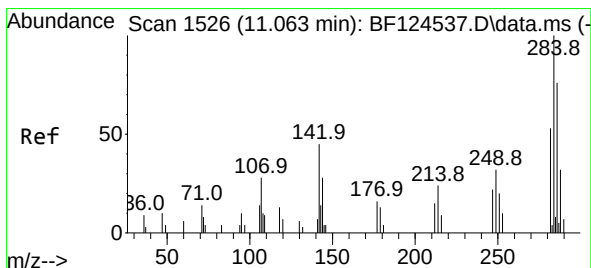
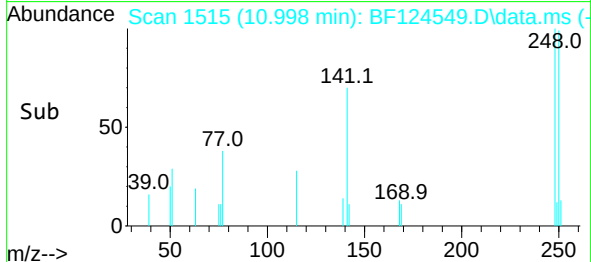
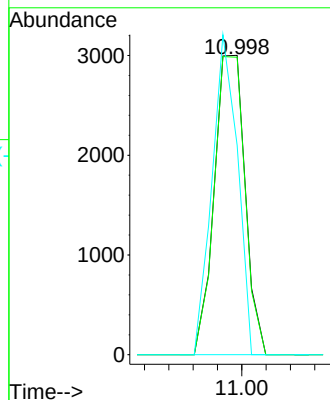
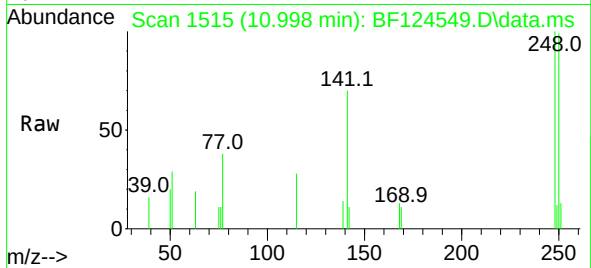




#67
4-Bromophenyl-phenylether
Concen: 10.241 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

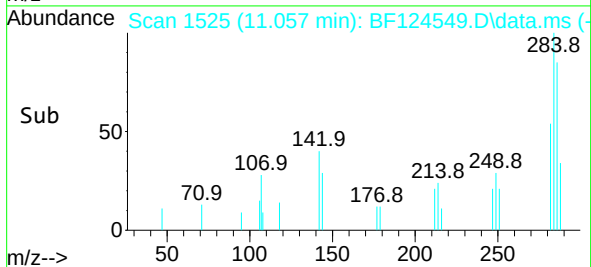
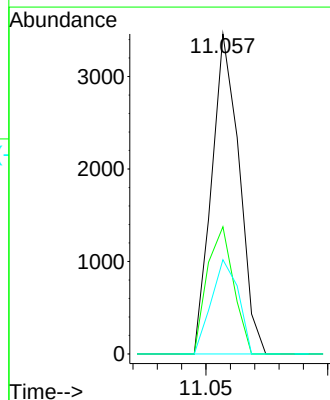
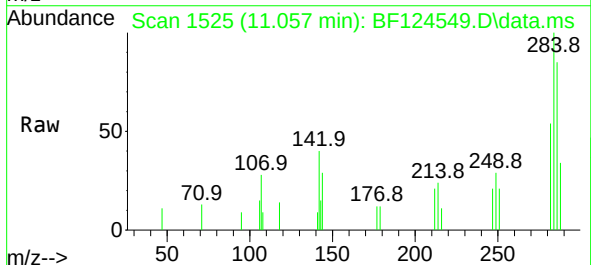
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

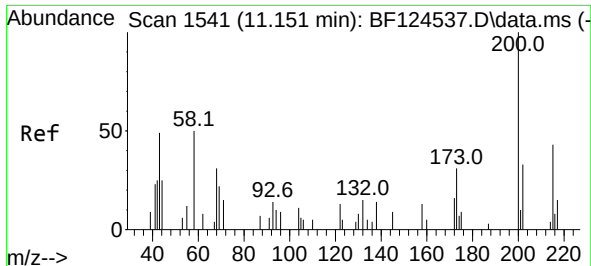
Tgt Ion:248	Resp:	2635
Ion Ratio	Lower	Upper
248	100	
250	99.4	74.2 111.4
141	69.9	60.4 90.6



#68
Hexachlorobenzene
Concen: 10.296 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:284	Resp:	2714
Ion Ratio	Lower	Upper
284	100	
142	39.8	36.4 54.6
249	29.5	25.6 38.4

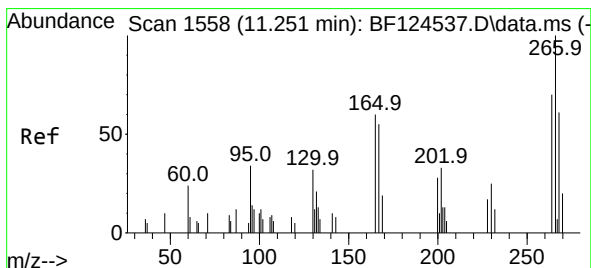
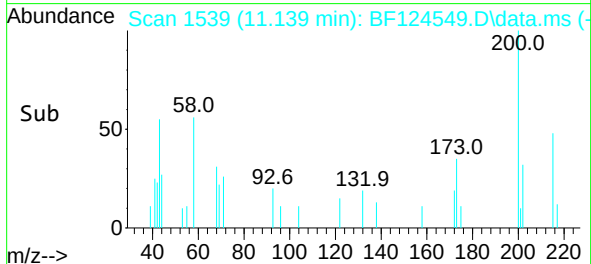
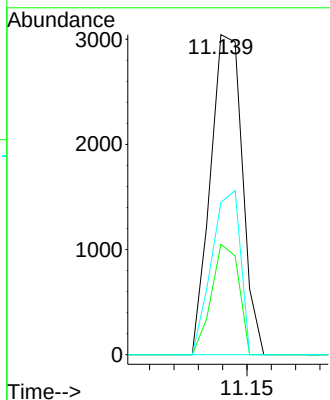
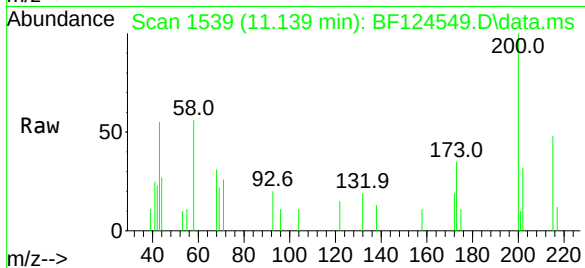




#69
Atrazine
Concen: 11.179 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

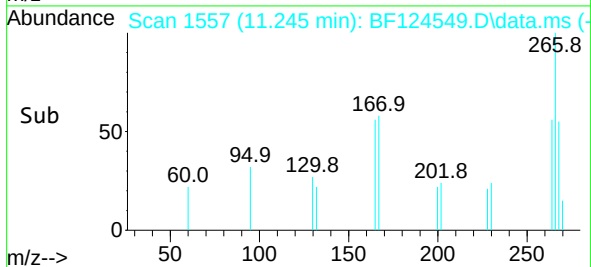
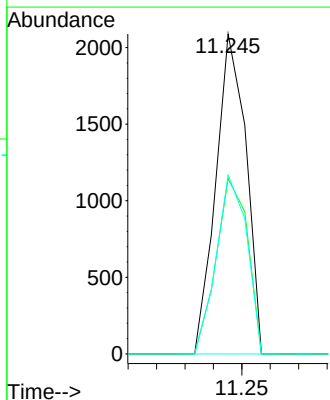
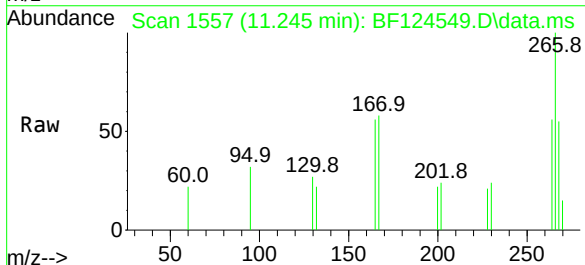
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

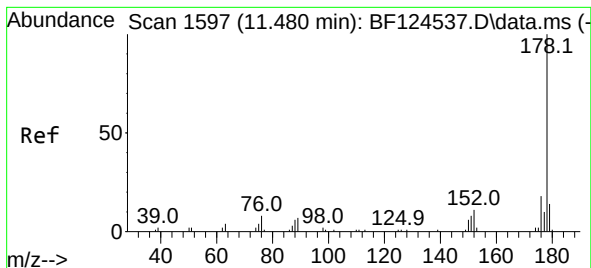
Tgt Ion:200 Resp: 2774
Ion Ratio Lower Upper
200 100
173 34.5 11.1 51.1
215 47.6 22.7 62.7



#70
Pentachlorophenol
Concen: 9.230 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:266 Resp: 1539
Ion Ratio Lower Upper
266 100
268 54.8 48.9 73.3
264 55.9 55.9 83.9#

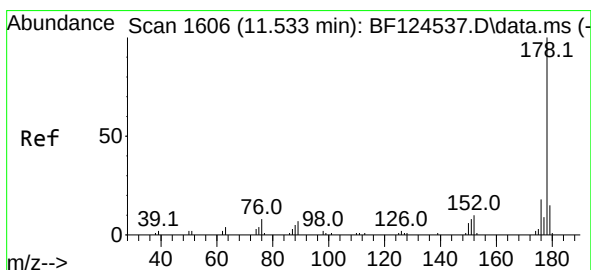
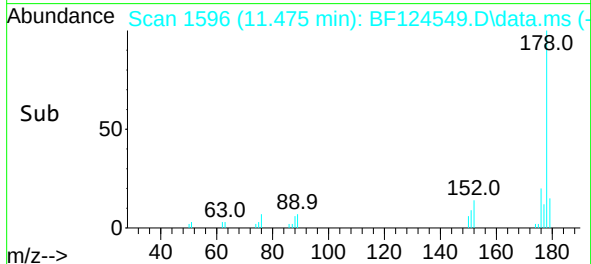
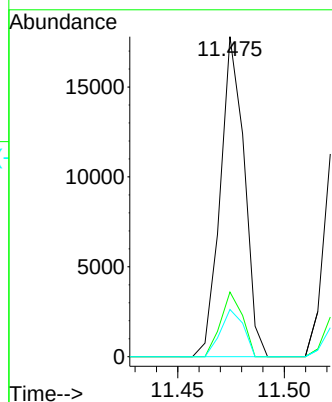
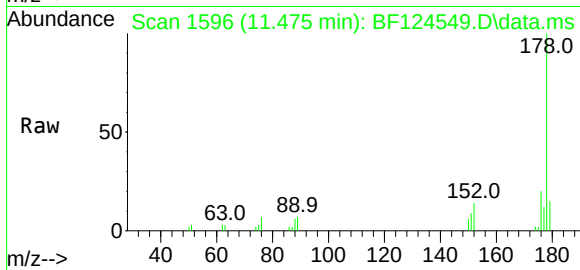




#71
Phenanthrene
Concen: 10.257 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

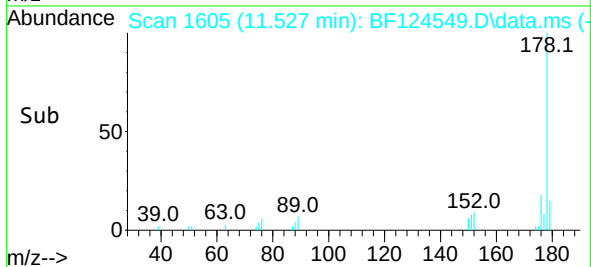
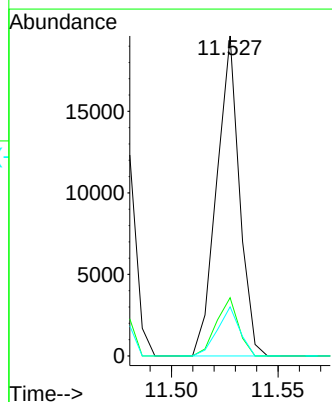
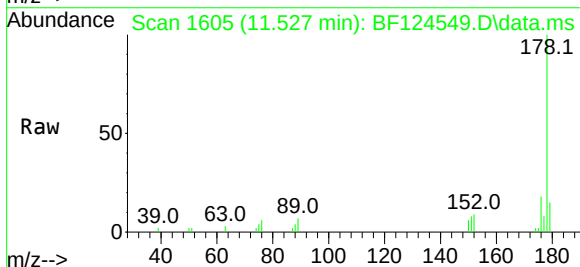
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

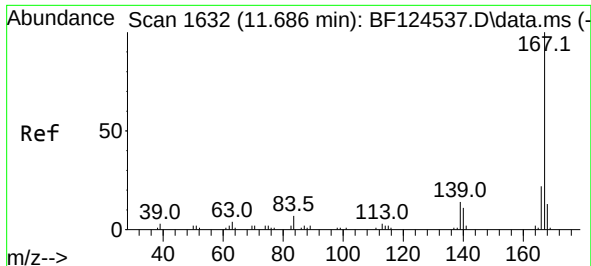
Tgt Ion:178 Resp: 13923
Ion Ratio Lower Upper
178 100
176 20.2 14.7 22.1
179 14.8 11.5 17.3



#72
Anthracene
Concen: 10.655 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

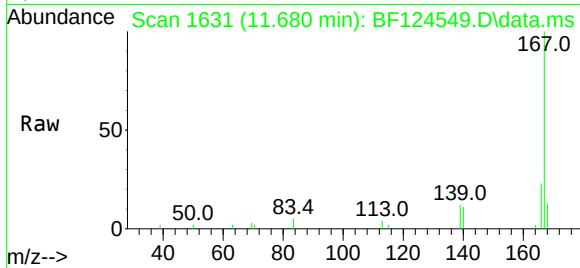
Tgt Ion:178 Resp: 14511
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 15.3 12.2 18.4



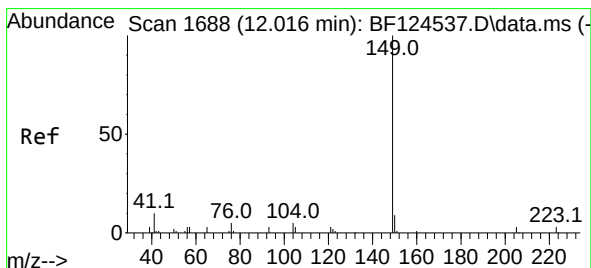
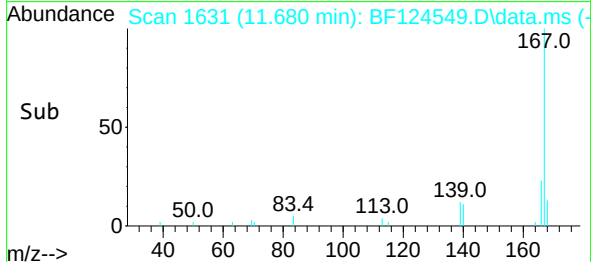
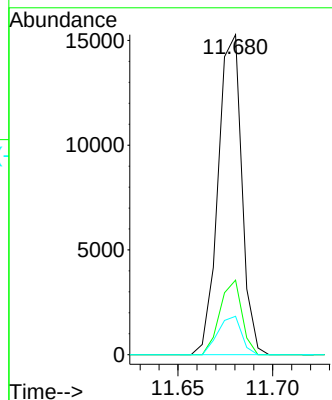


#73
Carbazole
Concen: 10.548 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

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

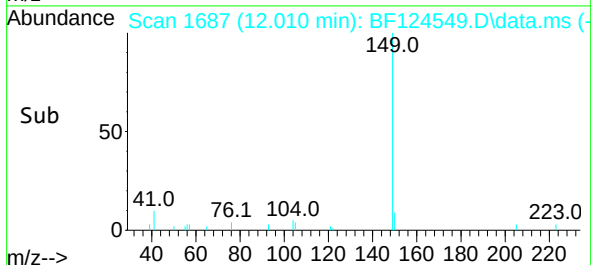
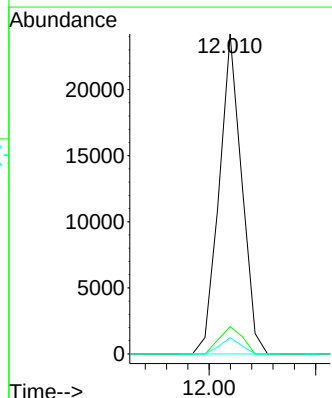
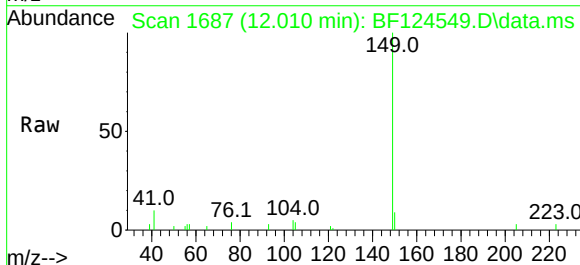


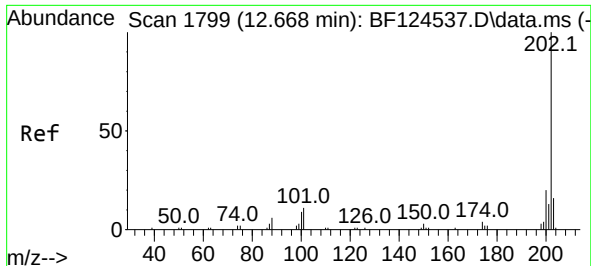
Tgt Ion:167 Resp: 13273
Ion Ratio Lower Upper
167 100
166 23.3 17.4 26.0
139 12.0 11.0 16.4



#74
Di-n-butylphthalate
Concen: 10.479 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:149 Resp: 17764
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 5.1 4.1 6.1

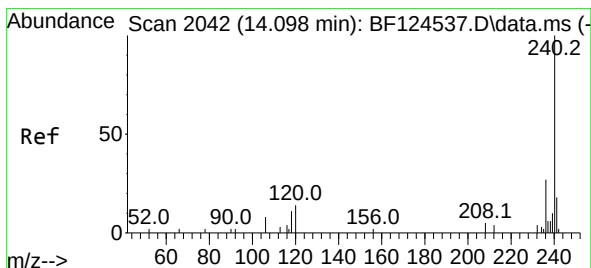
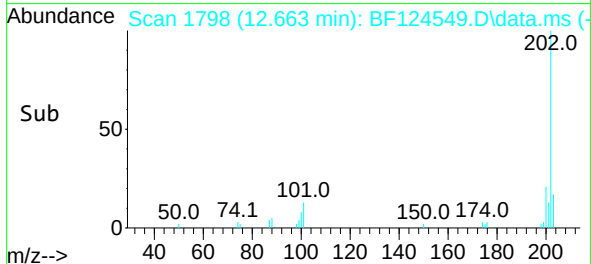
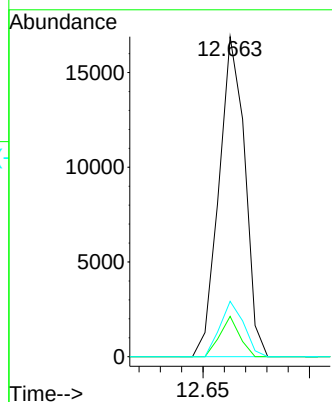
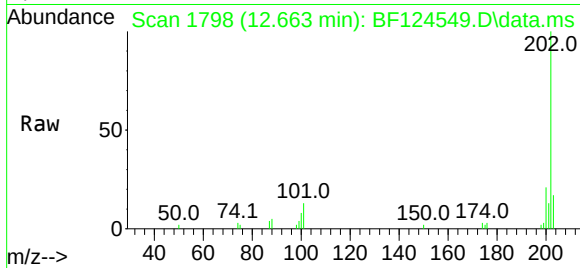




#75
Fluoranthene
Concen: 10.414 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

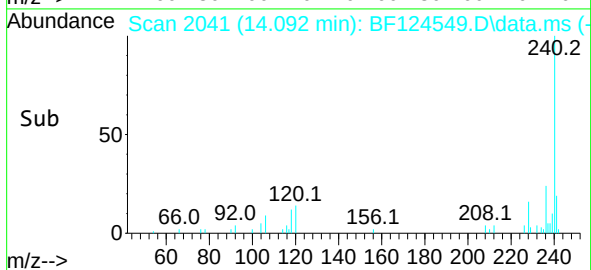
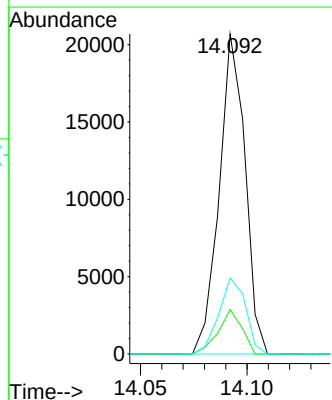
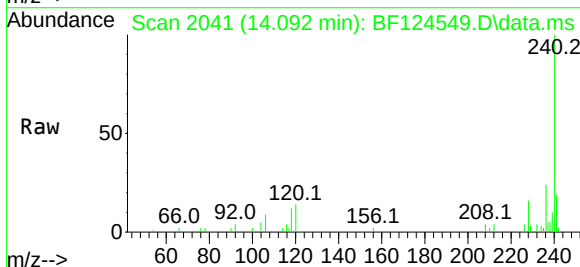
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

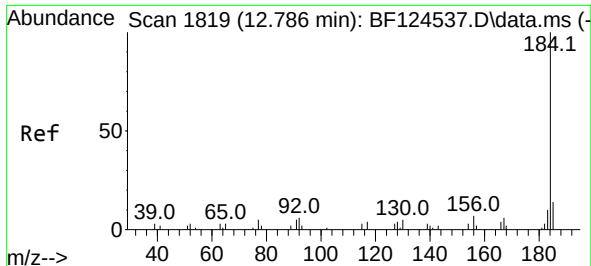
Tgt Ion:	202	Resp:	14263
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.7
203	17.3	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:	240	Resp:	17418
Ion	Ratio	Lower	Upper
240	100		
120	13.9	10.8	16.2
236	23.8	21.6	32.4

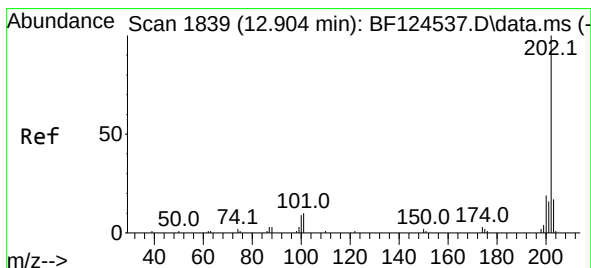
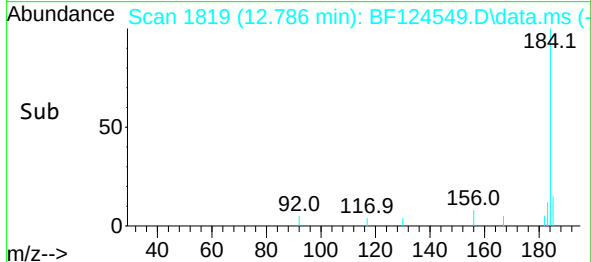
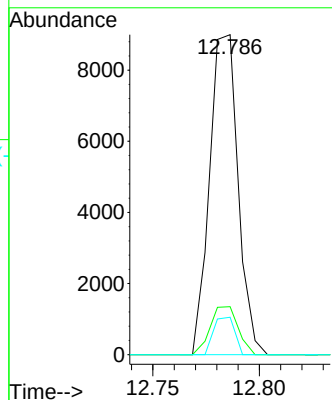
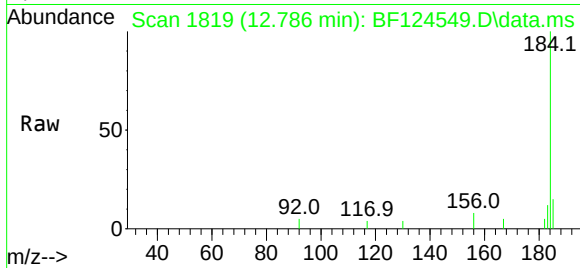




#77
Benzidine
Concen: 12.866 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

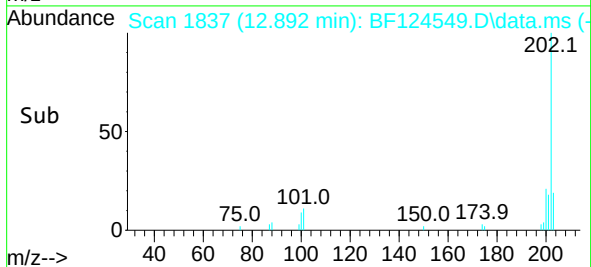
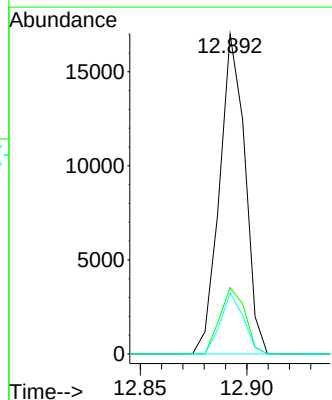
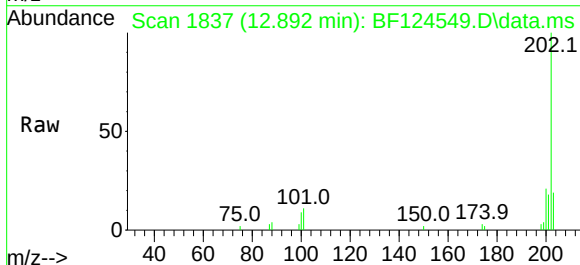
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

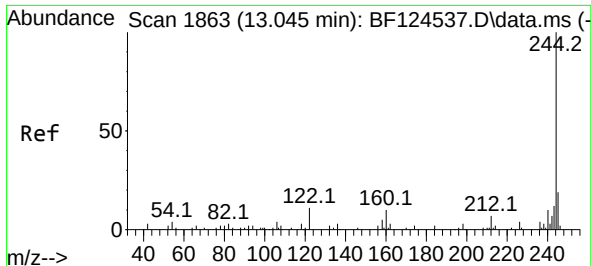
Tgt Ion:184 Resp: 8378
Ion Ratio Lower Upper
184 100
185 15.0 10.8 16.2
183 11.7 8.1 12.1



#78
Pyrene
Concen: 9.747 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:202 Resp: 14105
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 18.9 13.4 20.0

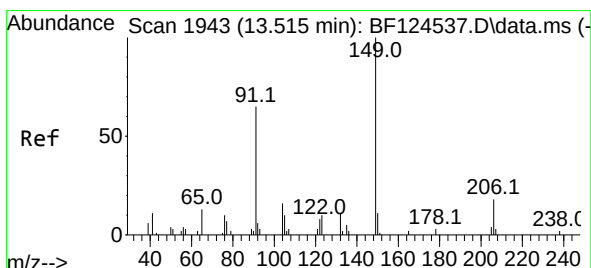
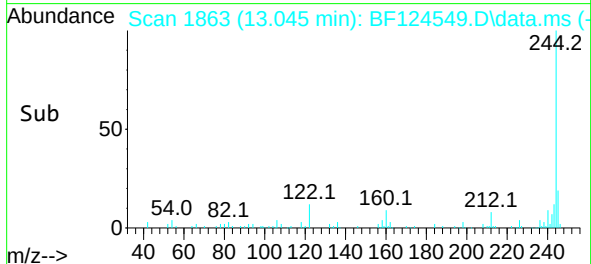
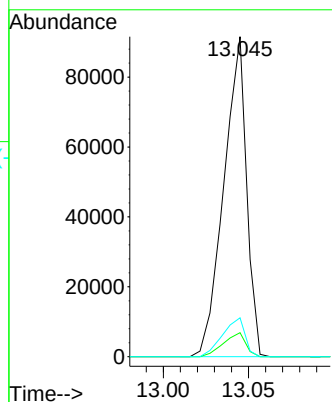
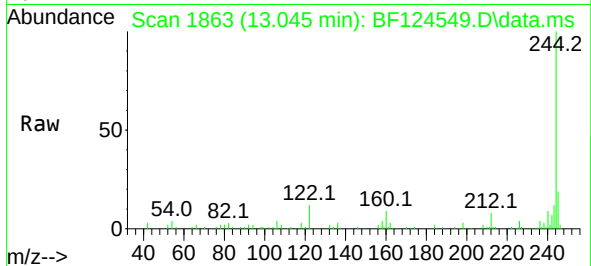




#79
 Terphenyl-d14
 Concen: 81.953 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF124549.D
 Acq: 13 Jul 2021 16:59

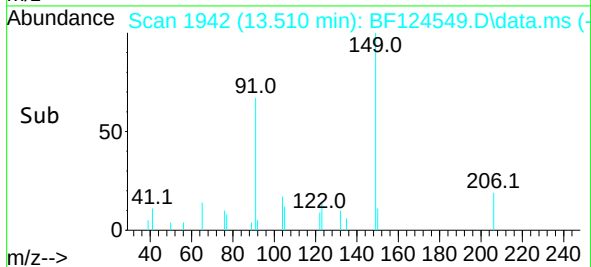
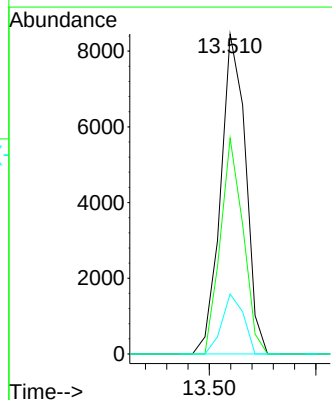
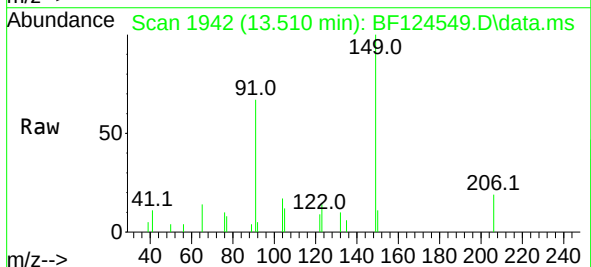
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

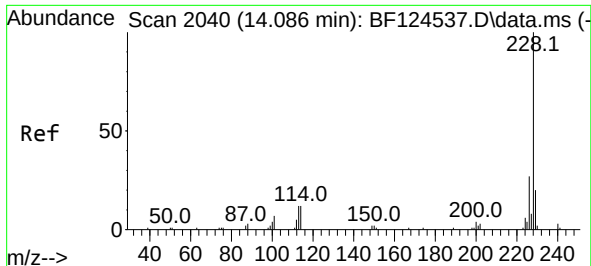
Tgt Ion:244 Resp: 85008
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 9.834 ng
 RT: 13.510 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: BF124549.D
 Acq: 13 Jul 2021 16:59

Tgt Ion:149 Resp: 6881
 Ion Ratio Lower Upper
 149 100
 91 67.5 51.8 77.8
 206 18.7 14.5 21.7

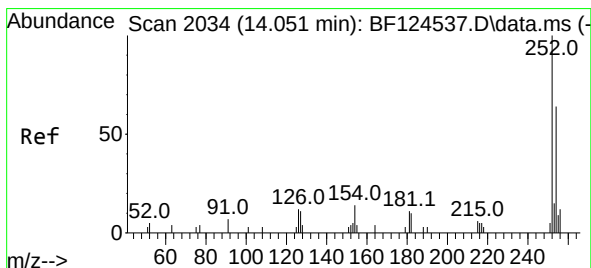
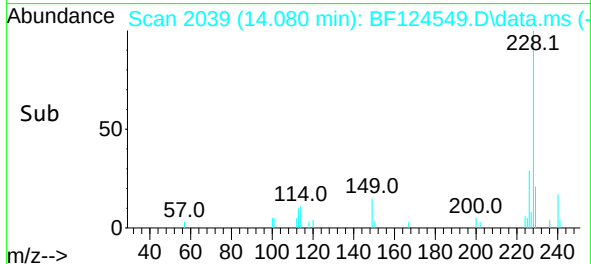
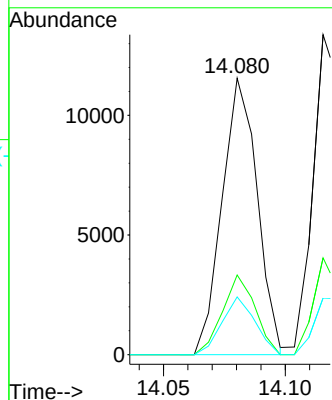
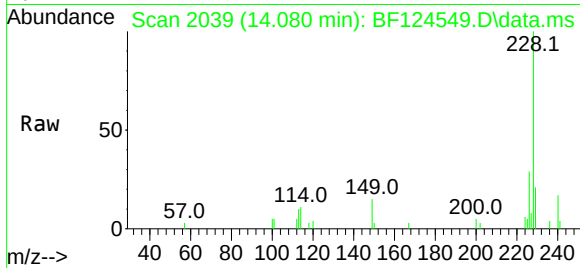




#81
Benzo(a)anthracene
Concen: 10.044 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

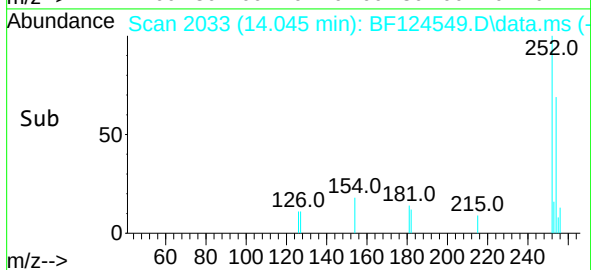
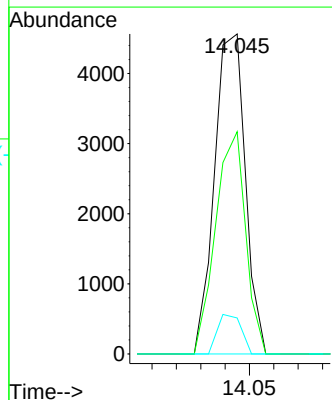
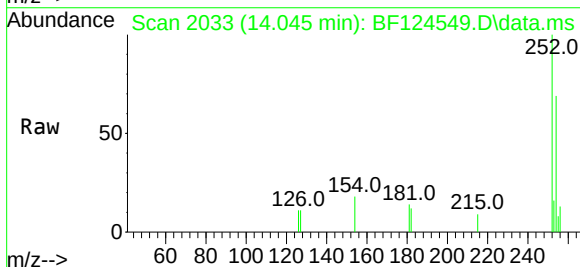
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

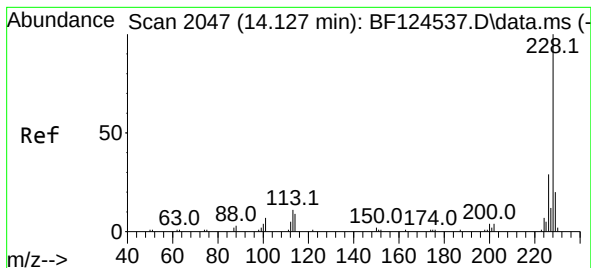
Tgt Ion:228 Resp: 11602
Ion Ratio Lower Upper
228 100
226 28.8 21.6 32.4
229 20.9 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 13.272 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:252 Resp: 4016
Ion Ratio Lower Upper
252 100
254 69.4 51.4 77.0
126 11.2 9.5 14.3





#83

Chrysene

Concen: 10.112 ng

RT: 14.116 min Scan# 2045

Delta R.T. -0.012 min

Lab File: BF124549.D

Acq: 13 Jul 2021 16:59

Tgt Ion:228 Resp: 11190

Ion Ratio Lower Upper

228 100

226 30.2 22.6 34.0

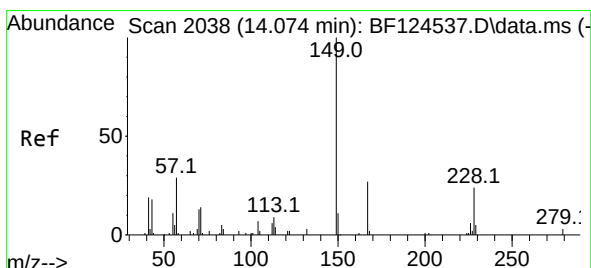
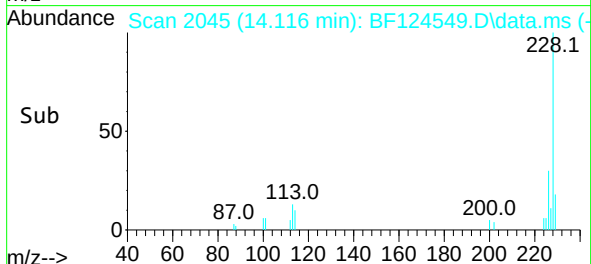
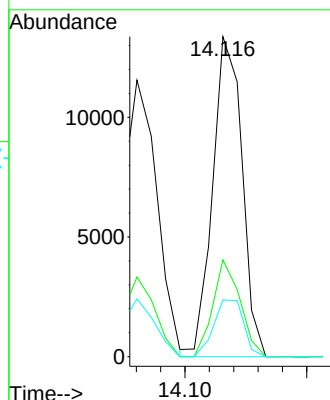
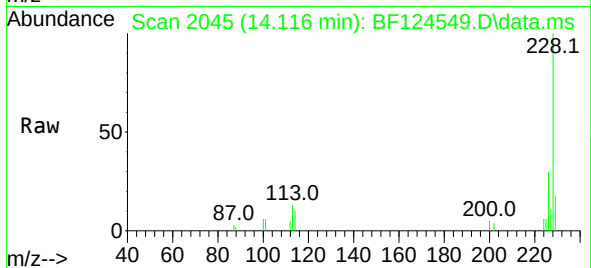
229 17.7 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.394 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF124549.D

Acq: 13 Jul 2021 16:59

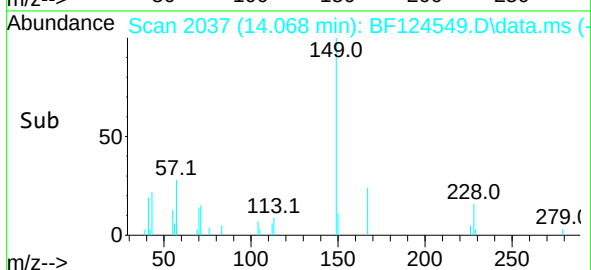
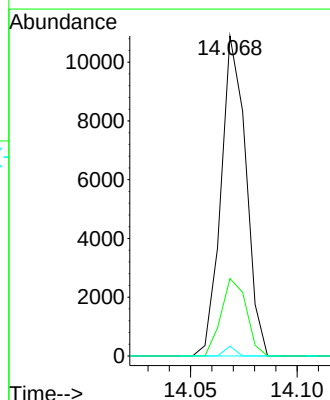
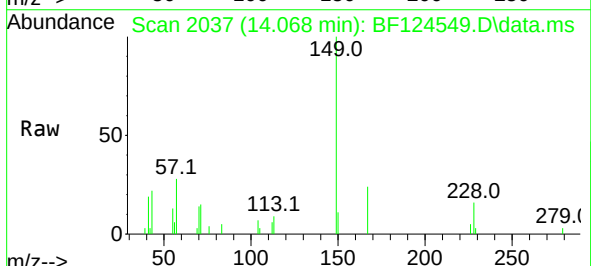
Tgt Ion:149 Resp: 8825

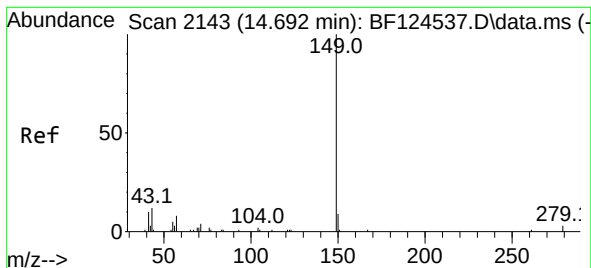
Ion Ratio Lower Upper

149 100

167 24.2 21.4 32.0

279 3.0 2.6 4.0

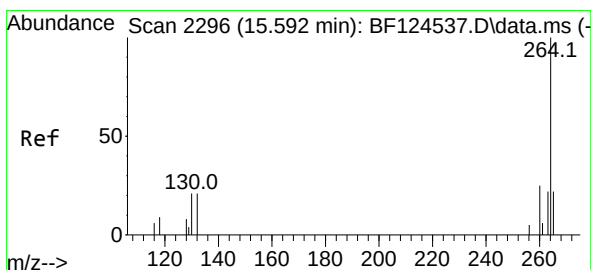
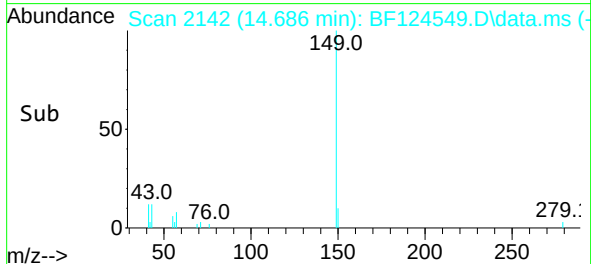
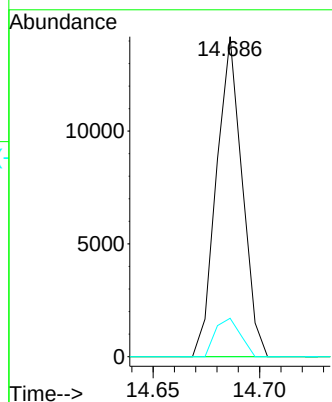
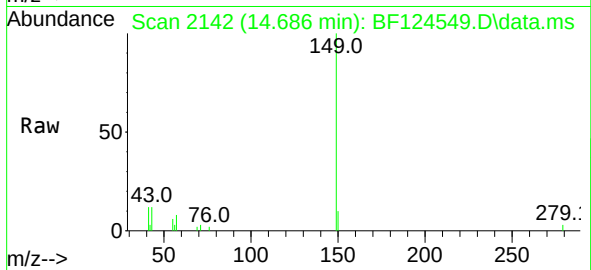




#85
Di-n-octyl phthalate
Concen: 8.760 ng
RT: 14.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

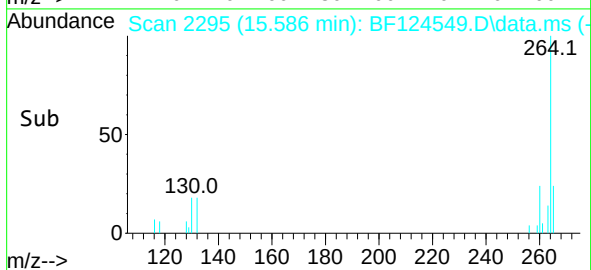
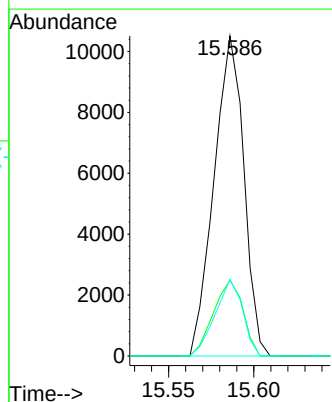
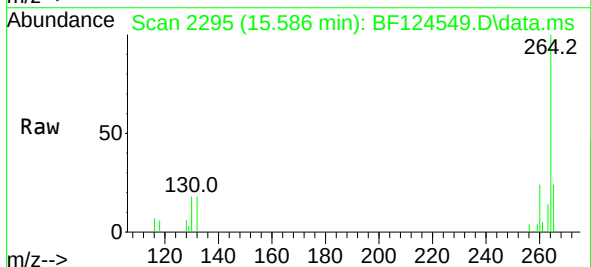
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

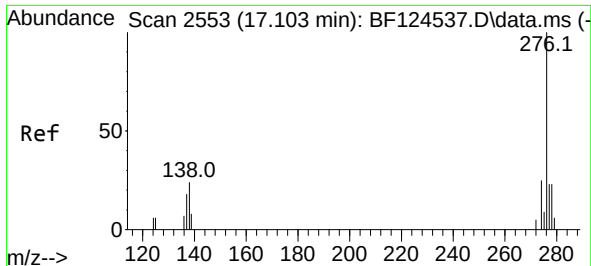
Tgt Ion:149 Resp: 11908
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 11.6 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:264 Resp: 12766
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 24.0 17.2 25.8

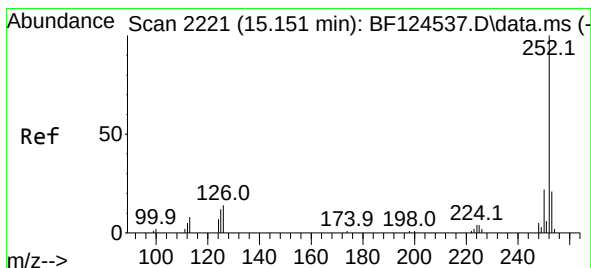
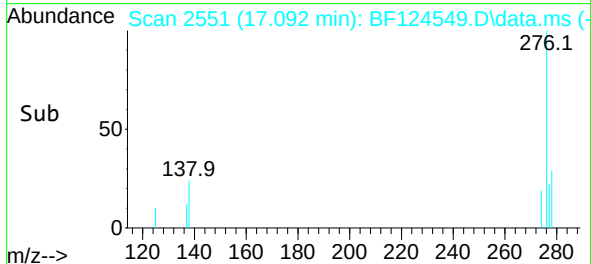
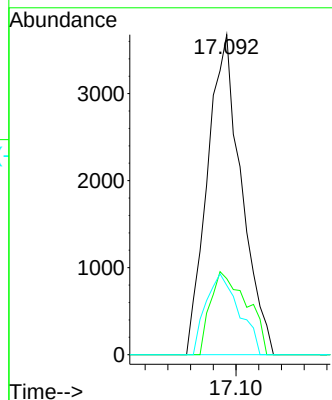
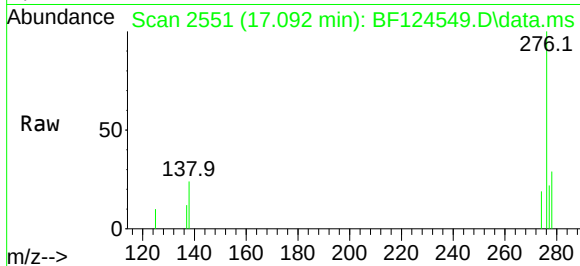




#87
Indeno(1,2,3-cd)pyrene
Concen: 10.307 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

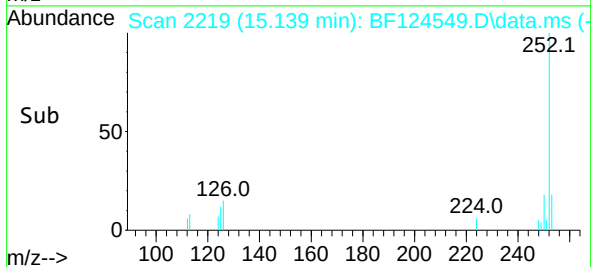
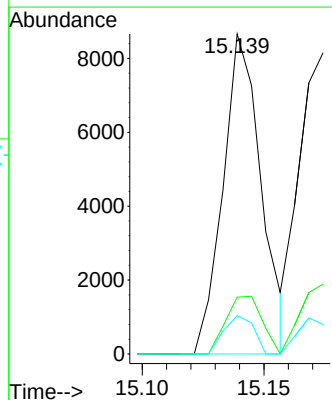
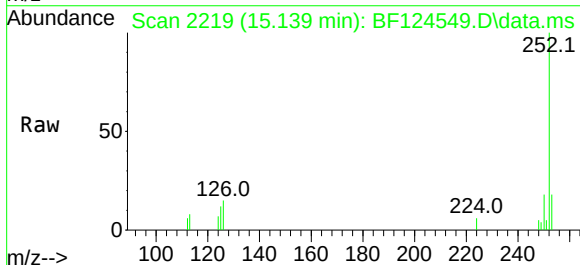
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

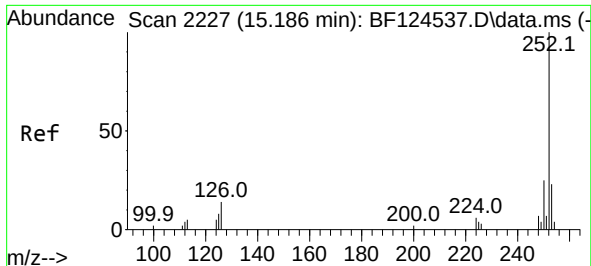
Tgt Ion:276 Resp: 7631
Ion Ratio Lower Upper
276 100
138 27.8 24.1 36.1
277 24.7 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 10.310 ng
RT: 15.139 min Scan# 2219
Delta R.T. -0.012 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:252 Resp: 9447
Ion Ratio Lower Upper
252 100
253 17.7 16.8 25.2
125 12.0 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 10.182 ng

RT: 15.174 min Scan# 2225

Delta R.T. -0.012 min

Lab File: BF124549.D

Acq: 13 Jul 2021 16:59

Tgt Ion:252 Resp: 8560

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

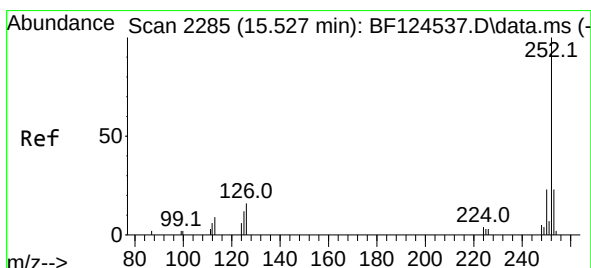
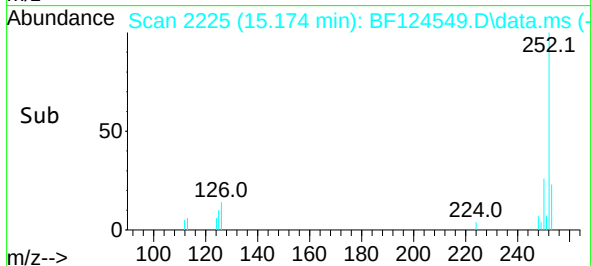
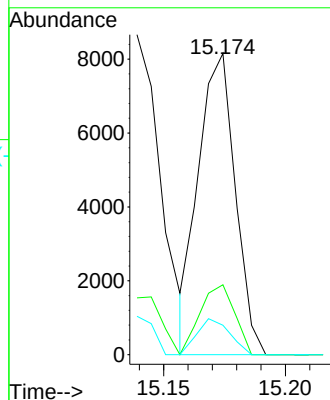
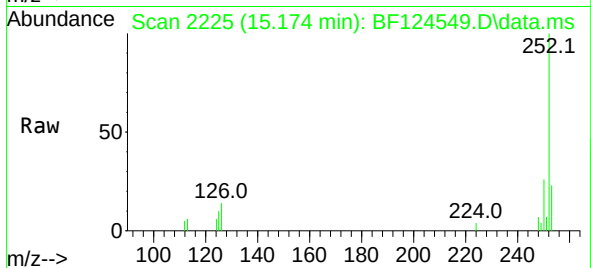
125 9.8 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#90

Benzo(a)pyrene

Concen: 10.845 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BF124549.D

Acq: 13 Jul 2021 16:59

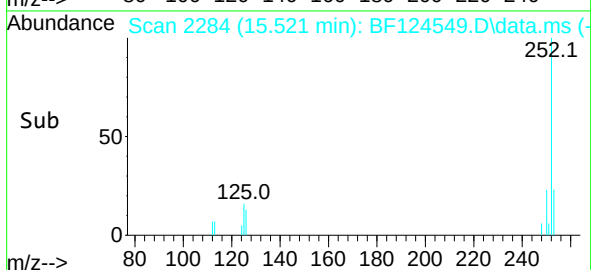
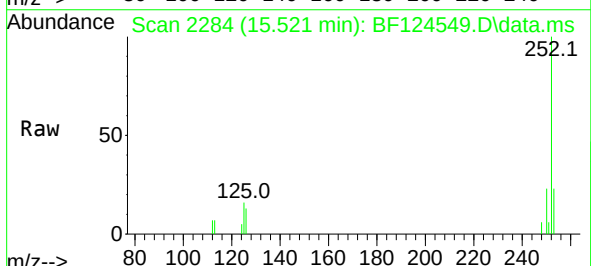
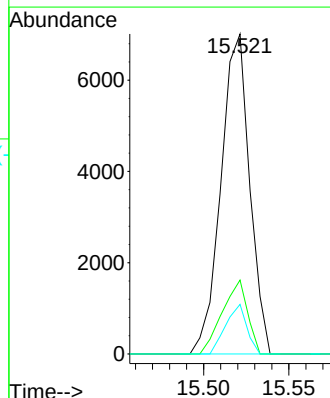
Tgt Ion:252 Resp: 8203

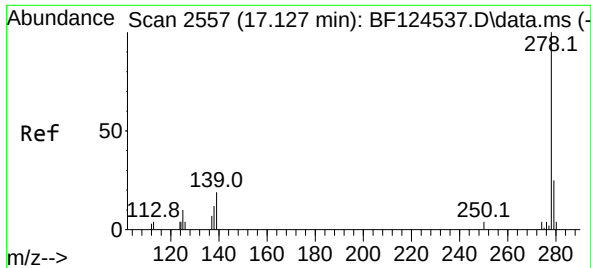
Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 15.5 9.9 14.9#

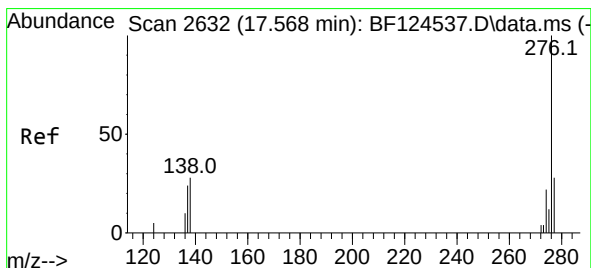
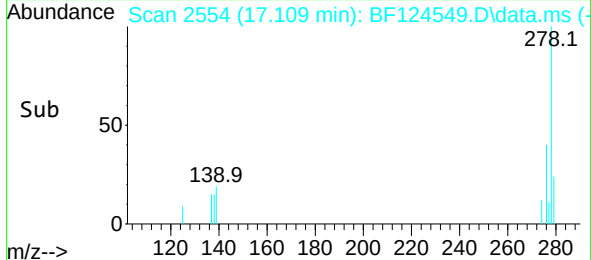
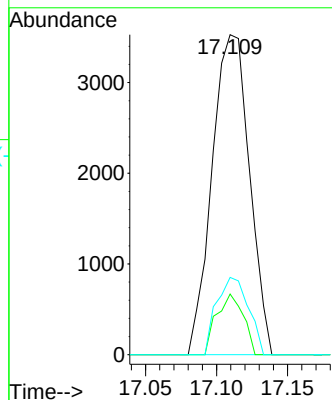
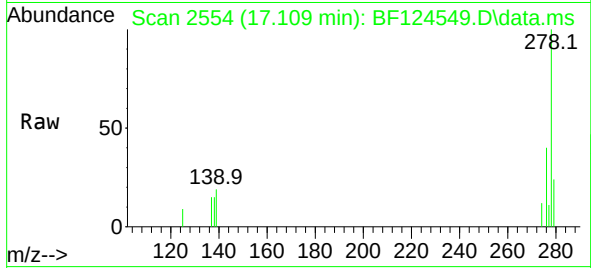




#91
Dibenzo(a,h)anthracene
Concen: 10.246 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.017 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

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

Tgt Ion:278 Resp: 6457
Ion Ratio Lower Upper
278 100
139 19.0 14.9 22.3
279 24.1 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 10.325 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.023 min
Lab File: BF124549.D
Acq: 13 Jul 2021 16:59

Tgt Ion:276 Resp: 6353
Ion Ratio Lower Upper
276 100
277 23.4 22.0 33.0
138 24.6 22.2 33.4

