

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
 Data File : BF124551.D
 Acq On : 13 Jul 2021 18:04
 Operator : JU/CG
 Sample : M2940-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 13 18:28:24 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	7163	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	27912	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	15241	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	28032	20.000	ng	0.00
76) Chrysene-d12	14.092	240	17849	20.000	ng	0.00
86) Perylene-d12	15.586	264	13020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	47802	115.623	ng	0.00
7) Phenol-d6	6.551	99	58498	116.312	ng	0.00
23) Nitrobenzene-d5	7.492	82	33493	75.749	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	14121	119.061	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	80560	77.079	ng	0.00
79) Terphenyl-d14	13.045	244	85600	80.531	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.804	88	1309	9.680	ng	# 100
3) Pyridine	3.587	79	2412	6.954	ng	92
4) n-Nitrosodimethylamine	3.498	42	2684	9.521	ng	93
6) Aniline	6.592	93	5372	10.137	ng	96
8) 2-Chlorophenol	6.710	128	4149	8.951	ng	96
9) Benzaldehyde	6.475	77	2800	9.490	ng	# 84
10) Phenol	6.557	94	4411	8.983	ng	88
11) bis(2-Chloroethyl)ether	6.657	93	3655	9.601	ng	93
12) 1,3-Dichlorobenzene	7.098	146	4560	8.989	ng	88
13) 1,4-Dichlorobenzene	6.945	146	5192	10.020	ng	97
14) 1,2-Dichlorobenzene	7.098	146	4560	9.260	ng	92
15) Benzyl Alcohol	7.057	79	3127	8.986	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.198	45	6381	9.725	ng	98
17) 2-Methylphenol	7.163	107	2898	8.542	ng	93
18) Hexachloroethane	7.439	117	1653	8.472	ng	# 76
19) n-Nitroso-di-n-propyla...	7.328	70	2538	8.976	ng	# 94
20) 3+4-Methylphenols	7.316	107	4489	10.050	ng	# 86
22) Acetophenone	7.328	105	6335	10.001	ng	# 97
24) Nitrobenzene	7.504	77	3939	8.984	ng	97
25) Isophorone	7.739	82	6774	8.346	ng	97
26) 2-Nitrophenol	7.822	139	2246	9.497	ng	# 90
27) 2,4-Dimethylphenol	7.845	122	4028	10.278	ng	93
28) bis(2-Chloroethoxy)met...	7.951	93	4586	9.686	ng	98
29) 2,4-Dichlorophenol	8.051	162	3824	9.460	ng	99
30) 1,2,4-Trichlorobenzene	8.145	180	4179	9.342	ng	97
31) Naphthalene	8.228	128	13427	9.301	ng	99
32) Benzoic acid	7.904	122	1757	6.432	ng	91
33) 4-Chloroaniline	8.269	127	5362	9.829	ng	# 97
34) Hexachlorobutadiene	8.345	225	2387	9.454	ng	96
35) Caprolactam	8.610	113	657	6.426	ng	# 83
36) 4-Chloro-3-methylphenol	8.739	107	3520	8.806	ng	96
37) 2-Methylnaphthalene	8.922	142	9261	9.507	ng	98
38) 1-Methylnaphthalene	9.022	142	8443	9.228	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	4034	9.924	ng	99
41) Hexachlorocyclopentadiene	9.075	237	2997	11.803	ng	93
43) 2,4,6-Trichlorophenol	9.192	196	2387	8.134	ng	92

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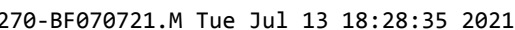
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

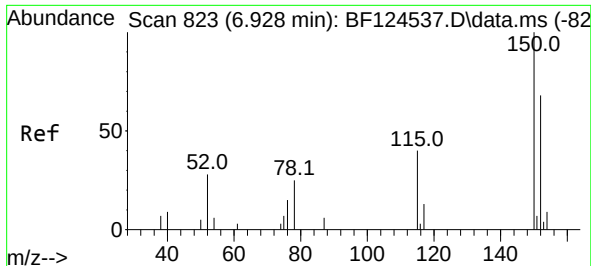
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 QLast Update : Tue Jul 13 14:57:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	2766	9.139	ng	87
46) 1,1'-Biphenyl	9.380	154	11766	10.165	ng	100
47) 2-Chloronaphthalene	9.410	162	8613	9.490	ng	97
48) 2-Nitroaniline	9.498	65	2156	9.879	ng	94
49) Acenaphthylene	9.822	152	13702	9.675	ng	98
50) Dimethylphthalate	9.675	163	10348	9.759	ng	97
51) 2,6-Dinitrotoluene	9.739	165	1963	9.391	ng	97
52) Acenaphthene	9.998	154	8536	9.426	ng	98
53) 3-Nitroaniline	9.904	138	2343	10.044	ng	98
54) 2,4-Dinitrophenol	10.010	184	695	6.372	ng	# 77
55) Dibenzofuran	10.169	168	12071	9.066	ng	97
56) 4-Nitrophenol	10.045	139	1542	7.942	ng	# 77
57) 2,4-Dinitrotoluene	10.139	165	2837	9.913	ng	# 90
58) Fluorene	10.510	166	9665	9.384	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.280	232	2055	8.791	ng	# 88
60) Diethylphthalate	10.380	149	10774	9.718	ng	97
61) 4-Chlorophenyl-phenyle...	10.504	204	4828	10.328	ng	90
62) 4-Nitroaniline	10.516	138	2352	10.004	ng	# 84
63) Azobenzene	10.663	77	8902	9.185	ng	96
65) 4,6-Dinitro-2-methylph...	10.545	198	973	6.076	ng	91
66) n-Nitrosodiphenylamine	10.622	169	8088	8.861	ng	93
67) 4-Bromophenyl-phenylether	10.998	248	2587	8.925	ng	94
68) Hexachlorobenzene	11.057	284	2522	8.492	ng	91
69) Atrazine	11.139	200	2724	9.744	ng	95
70) Pentachlorophenol	11.245	266	1681	8.949	ng	91
71) Phenanthrene	11.474	178	13692	8.953	ng	100
72) Anthracene	11.527	178	14825	9.663	ng	99
73) Carbazole	11.680	167	12464	8.792	ng	99
74) Di-n-butylphthalate	12.010	149	17941	9.394	ng	98
75) Fluoranthene	12.663	202	14033	9.095	ng	98
77) Benzidine	12.786	184	7949	11.913	ng	# 96
78) Pyrene	12.892	202	14135	9.532	ng	97
80) Butylbenzylphthalate	13.510	149	6732	9.389	ng	89
81) Benzo(a)anthracene	14.080	228	11226	9.483	ng	98
82) 3,3'-Dichlorobenzidine	14.039	252	3974	12.816	ng	# 97
83) Chrysene	14.115	228	11100	9.788	ng	98
84) Bis(2-ethylhexyl)phtha...	14.068	149	8555	8.887	ng	99
85) Di-n-octyl phthalate	14.686	149	11388	8.175	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.092	276	7175	9.502	ng	90
88) Benzo(b)fluoranthene	15.145	252	8668	9.275	ng	95
89) Benzo(k)fluoranthene	15.145	252	8668	10.109	ng	93
90) Benzo(a)pyrene	15.515	252	7603	9.856	ng	95
91) Dibenzo(a,h)anthracene	17.109	278	5950	9.257	ng	94
92) Benzo(g,h,i)perylene	17.539	276	6176	9.842	ng	92

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

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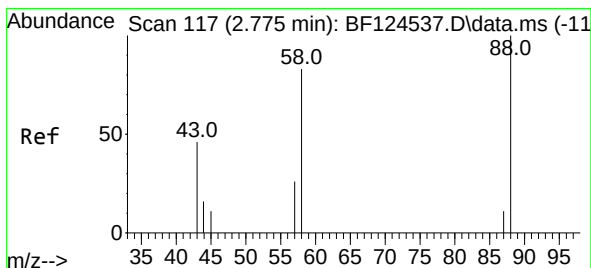
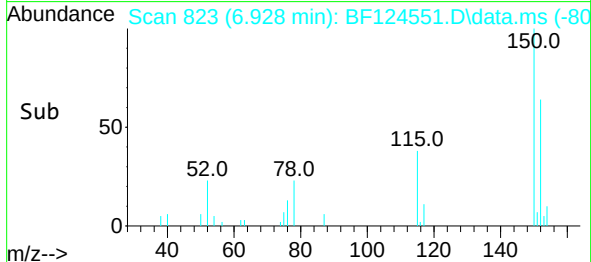
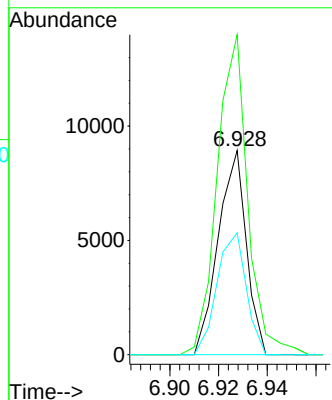
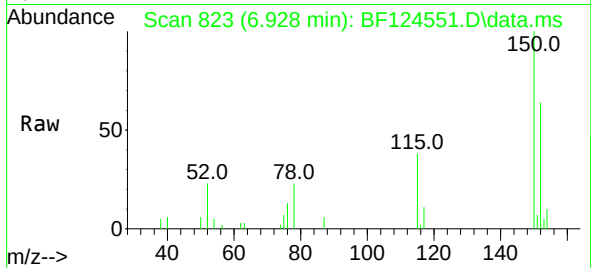




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 823
 Delta R.T. -0.000 min
 Lab File: BF124551.D
 Acq: 13 Jul 2021 18:04

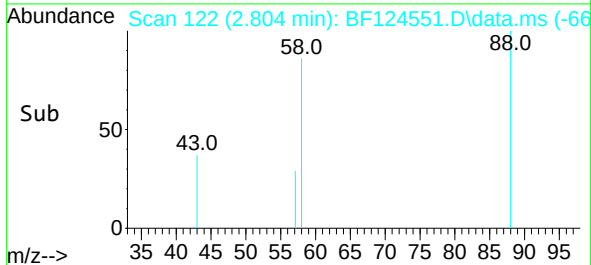
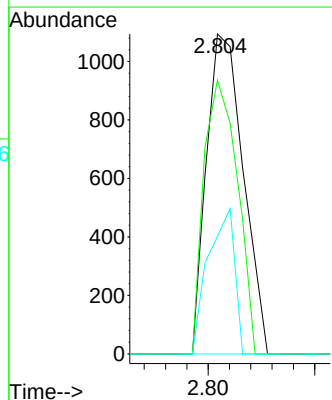
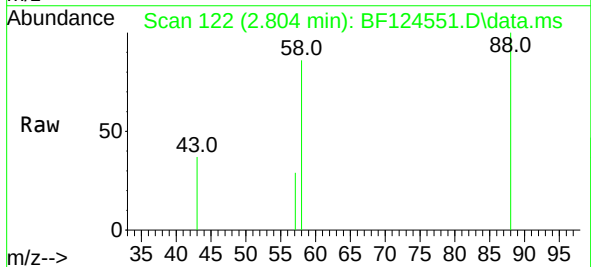
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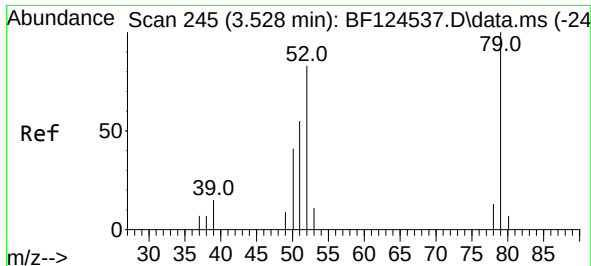
Tgt Ion:152 Resp: 7163
 Ion Ratio Lower Upper
 152 100
 150 156.7 117.6 176.4
 115 59.7 47.1 70.7



#2
 1,4-Dioxane
 Concen: 9.680 ng
 RT: 2.804 min Scan# 122
 Delta R.T. 0.029 min
 Lab File: BF124551.D
 Acq: 13 Jul 2021 18:04

Tgt Ion: 88 Resp: 1309
 Ion Ratio Lower Upper
 88 100
 58 77.9 0.0 0.0#
 43 32.6 0.0 0.0#

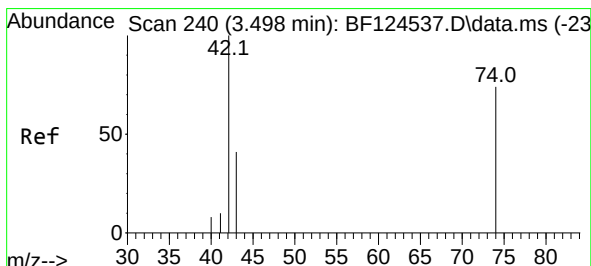
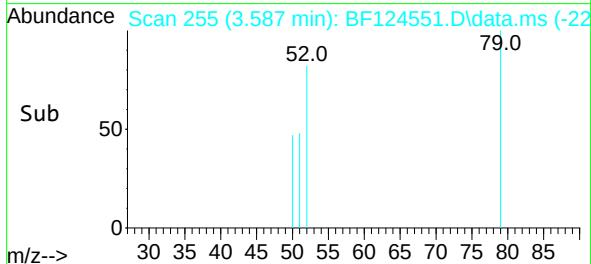
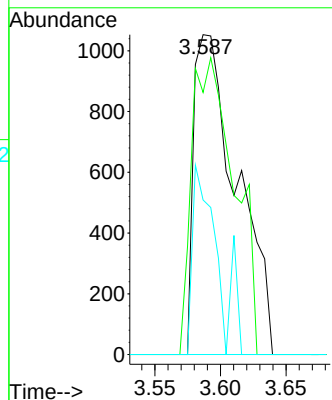
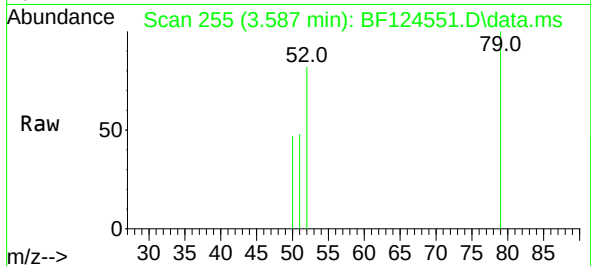




#3
Pyridine
Concen: 6.954 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.059 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

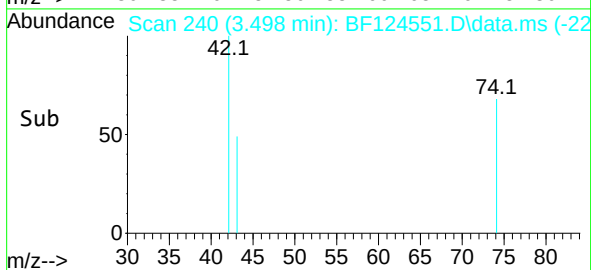
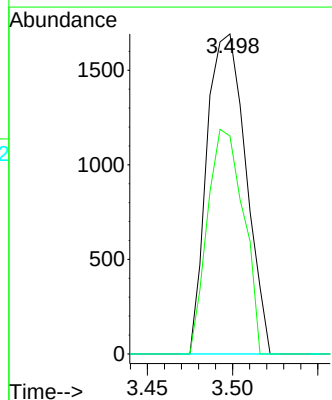
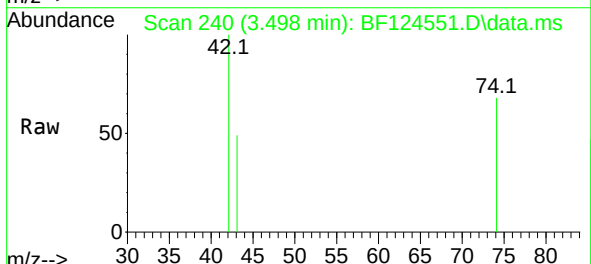
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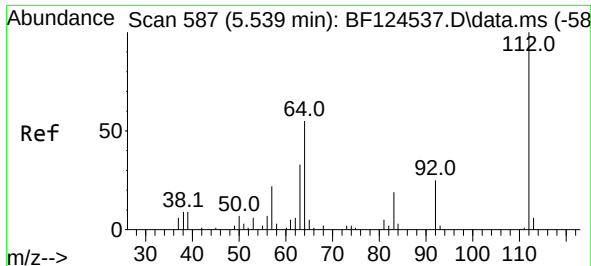
Tgt Ion: 79 Resp: 2412
Ion Ratio Lower Upper
79 100
52 82.0 70.3 105.5
51 48.3 44.1 66.1



#4
n-Nitrosodimethylamine
Concen: 9.521 ng
RT: 3.498 min Scan# 240
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion: 42 Resp: 2684
Ion Ratio Lower Upper
42 100
74 68.1 59.0 88.6
44 0.0 0.0 0.0

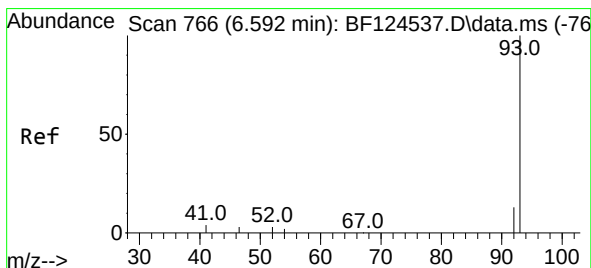
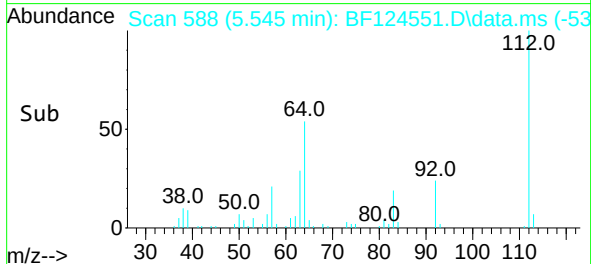
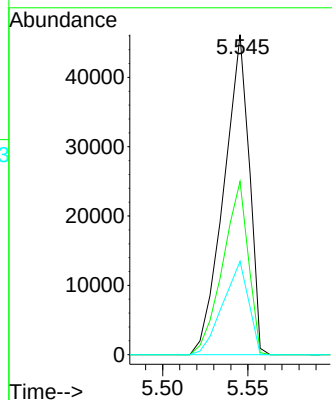
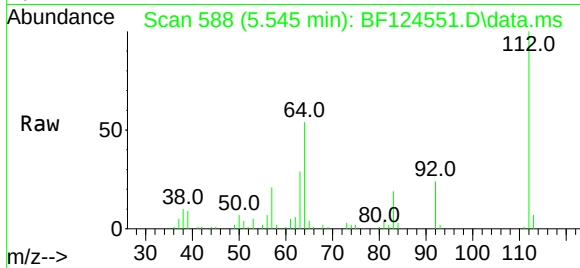




#5
2-Fluorophenol
Concen: 115.623 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

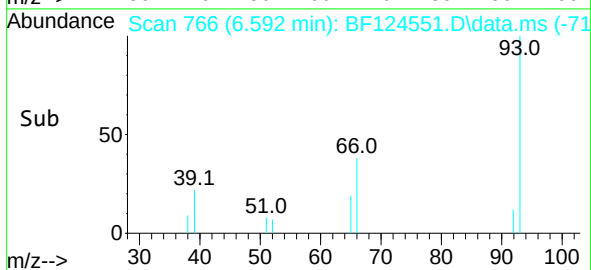
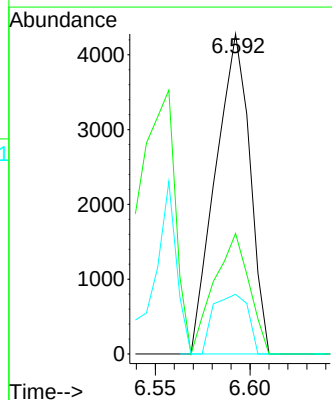
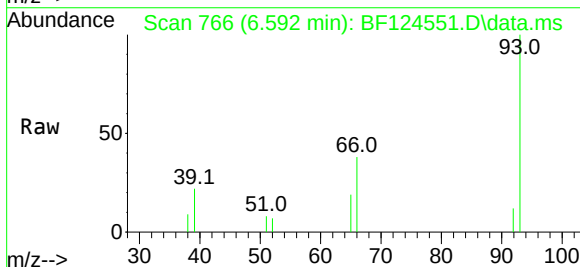
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

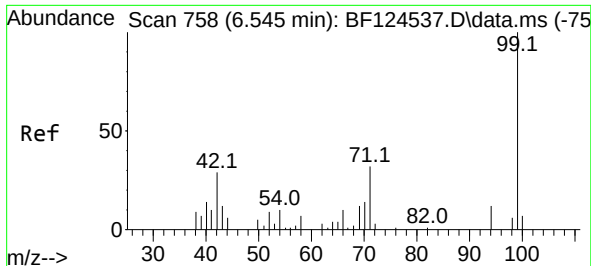
Tgt Ion:112 Resp: 47802
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 29.2 26.2 39.2



#6
Aniline
Concen: 10.137 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion: 93 Resp: 5372
Ion Ratio Lower Upper
93 100
66 37.6 32.7 49.1
65 18.6 14.2 21.4

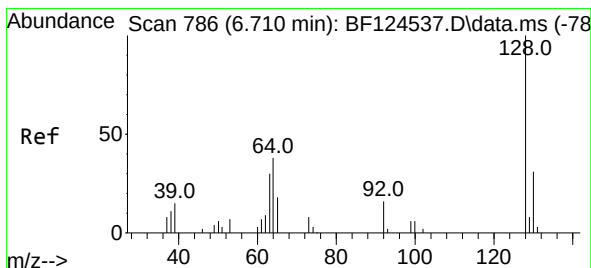
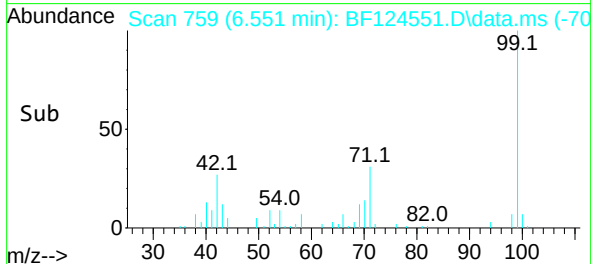
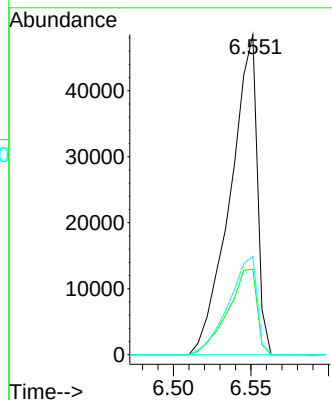
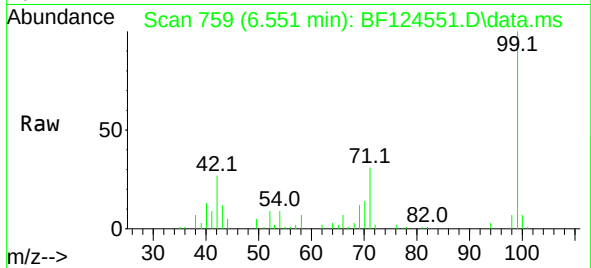




#7
Phenol-d6
Concen: 116.312 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

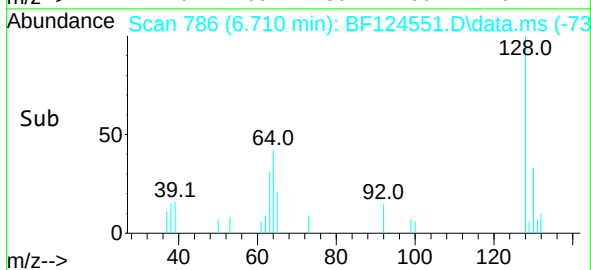
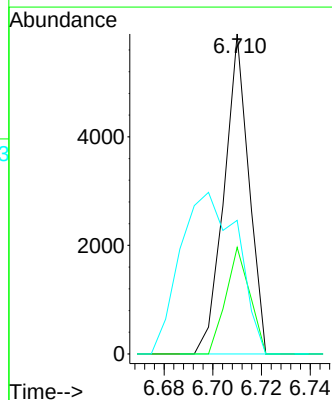
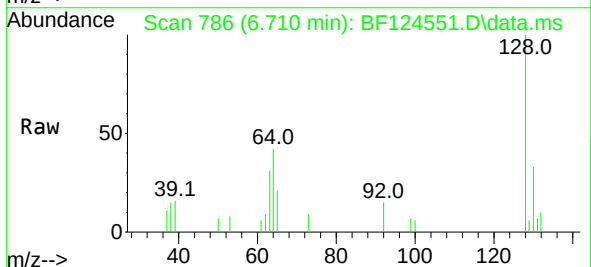
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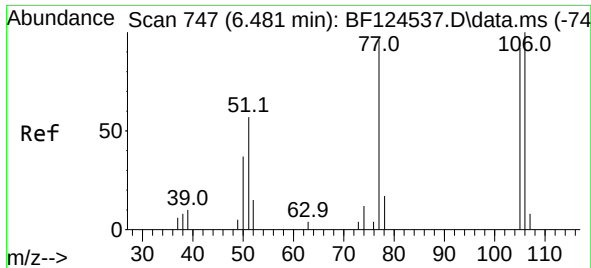
Tgt Ion: 99 Resp: 58498
Ion Ratio Lower Upper
99 100
42 26.7 23.5 35.3
71 30.7 25.6 38.4



#8
2-Chlorophenol
Concen: 8.951 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:128 Resp: 4149
Ion Ratio Lower Upper
128 100
130 33.3 10.5 50.5
64 41.8 20.3 60.3

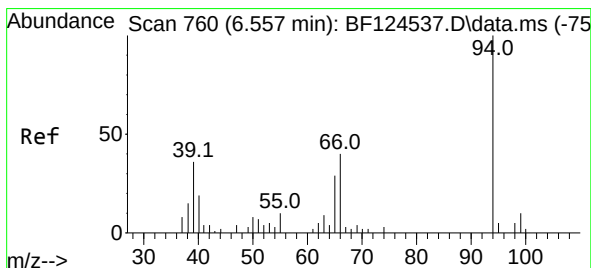
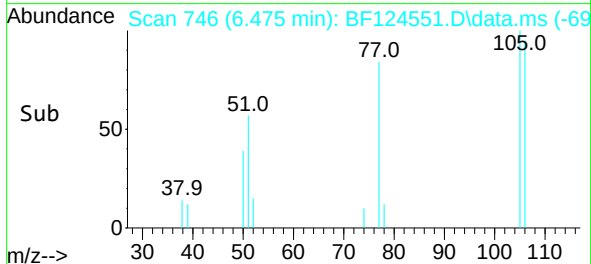
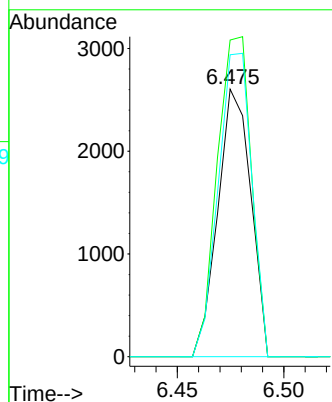
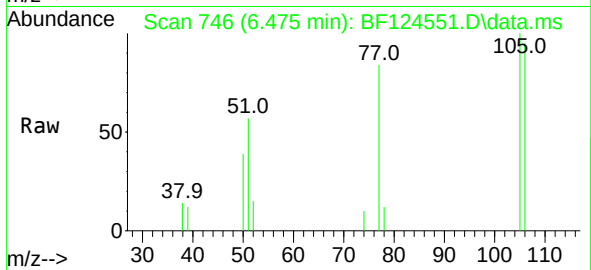




#9
Benzaldehyde
Concen: 9.490 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

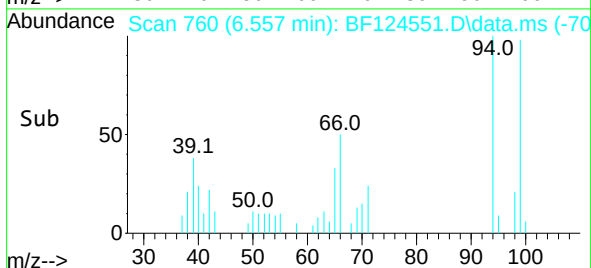
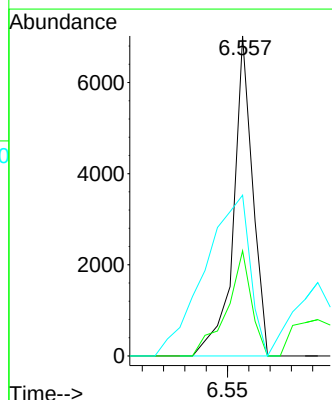
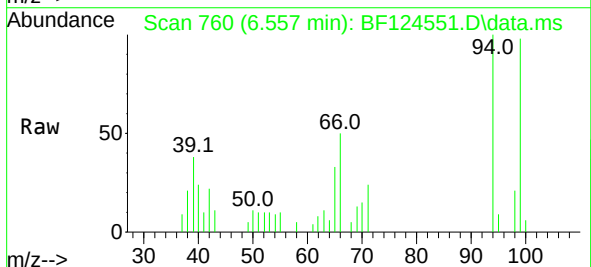
Instrument :
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ClientSampleId :
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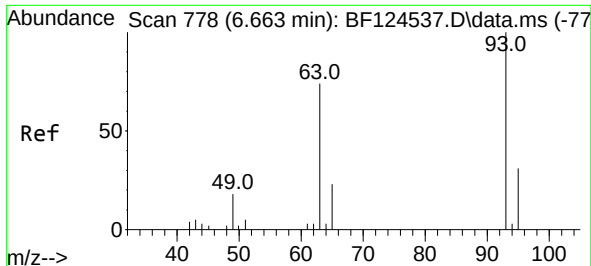
Tgt Ion: 77 Resp: 2800
Ion Ratio Lower Upper
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105 118.4 75.9 115.9#
106 112.9 84.0 124.0



#10
Phenol
Concen: 8.983 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

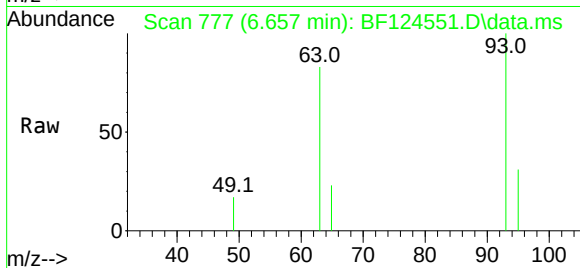
Tgt Ion: 94 Resp: 4411
Ion Ratio Lower Upper
94 100
65 32.8 9.3 49.3
66 50.2 20.3 60.3



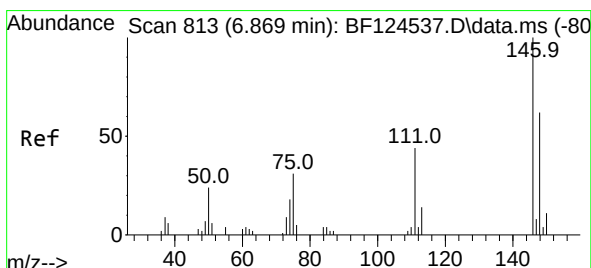
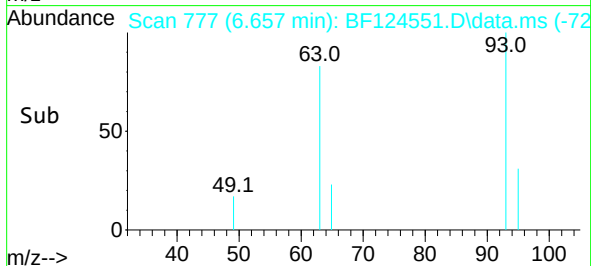
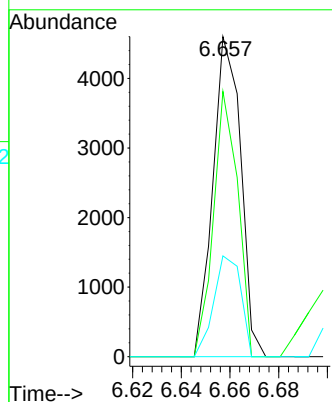


#11
bis(2-Chloroethyl)ether
Concen: 9.601 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

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

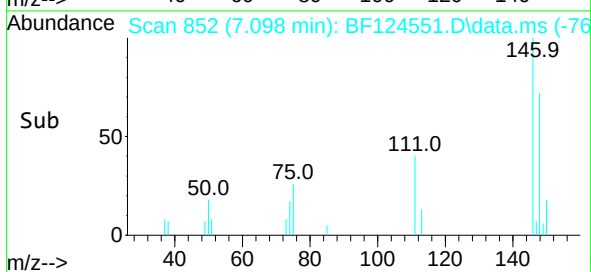
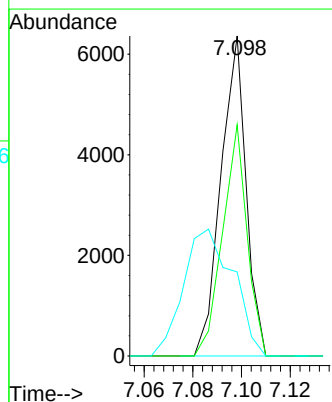
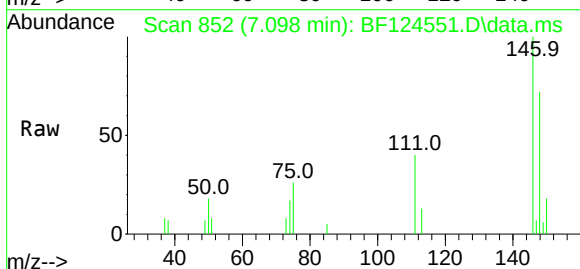


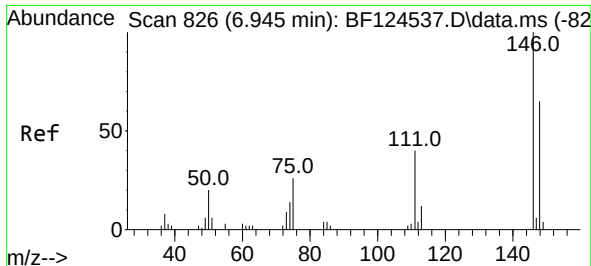
Tgt Ion:	93	Resp:	3655
Ion	Ratio	Lower	Upper
93	100		
63	82.9	54.4	94.4
95	31.5	11.4	51.4



#12
1,3-Dichlorobenzene
Concen: 8.989 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.229 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:	146	Resp:	4560
Ion	Ratio	Lower	Upper
146	100		
148	72.3	49.7	74.5
75	26.2	25.2	37.8

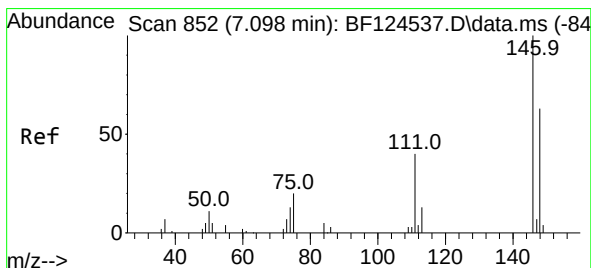
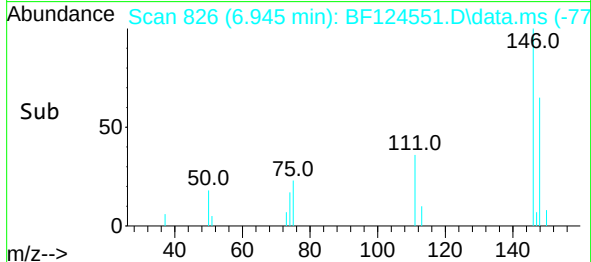
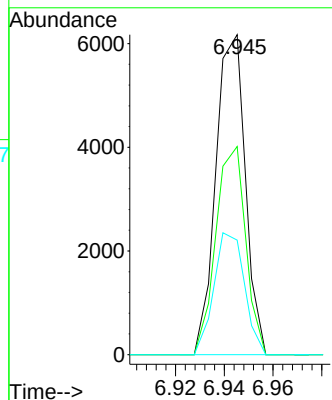
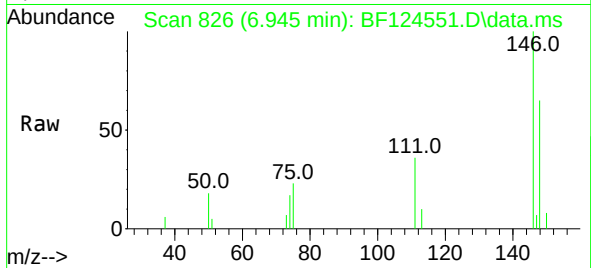




#13
1,4-Dichlorobenzene
Concen: 10.020 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

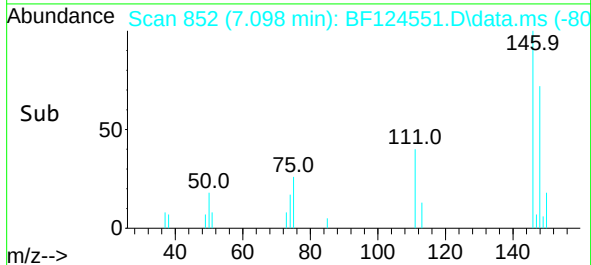
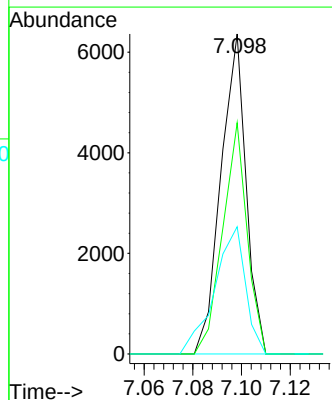
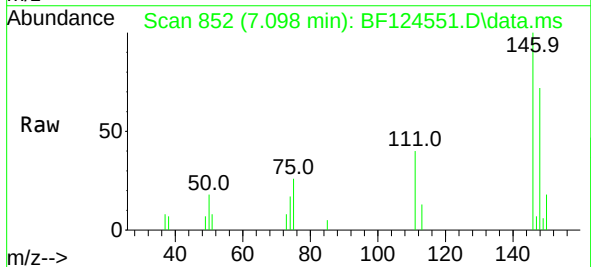
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

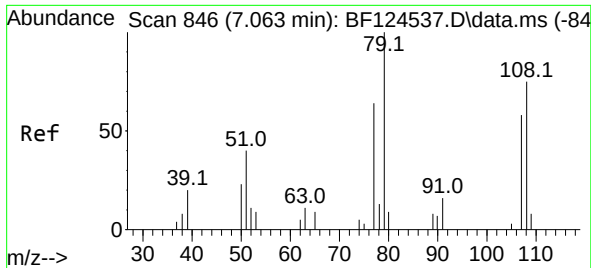
Tgt Ion:146 Resp: 5192
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 35.8 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 9.260 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:146 Resp: 4560
Ion Ratio Lower Upper
146 100
148 72.3 50.6 75.8
111 39.8 33.5 50.3

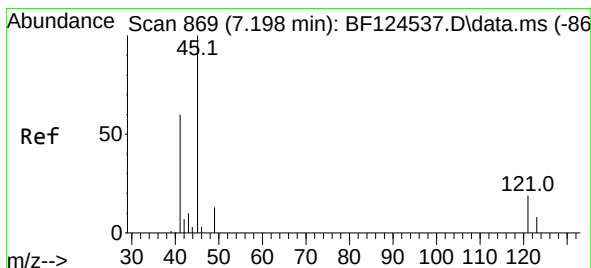
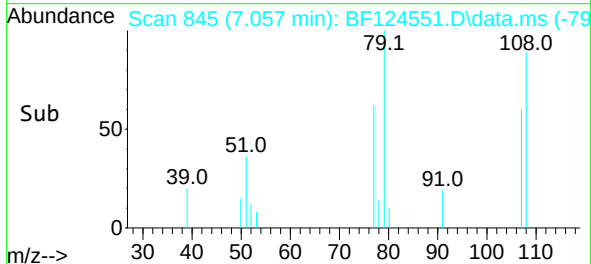
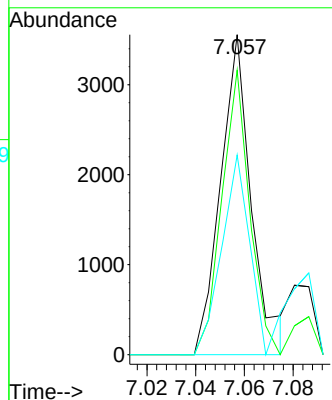
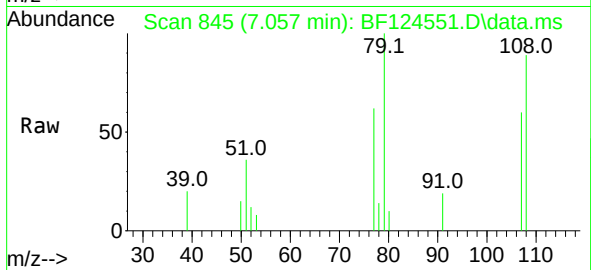




#15
Benzyl Alcohol
Concen: 8.986 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

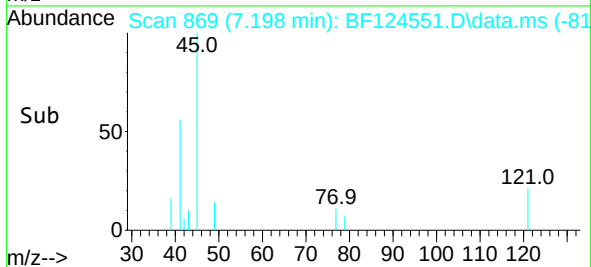
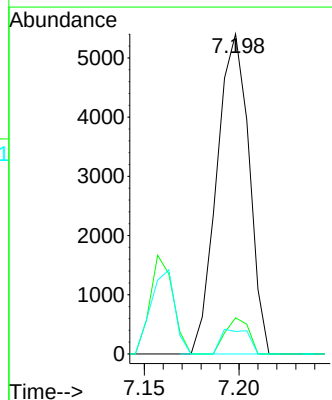
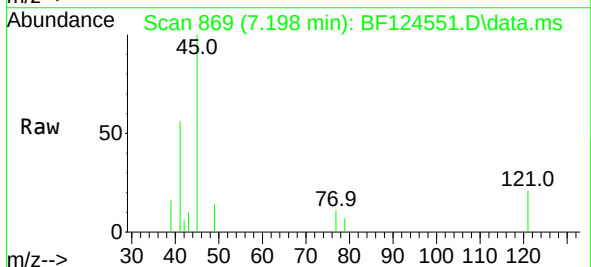
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

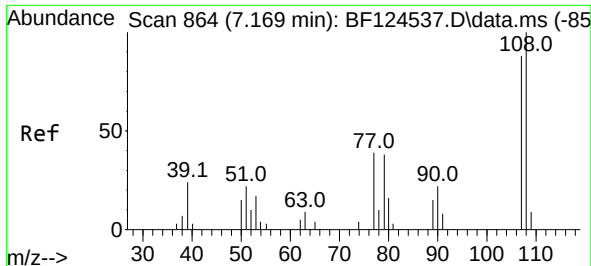
Tgt Ion:	79	Resp:	3127
Ion	Ratio	Lower	Upper
79	100		
108	88.9	60.4	90.6
77	62.4	51.5	77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.725 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:	45	Resp:	6381
Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.6
79	7.1	0.0	27.5





#17

2-Methylphenol

Concen: 8.542 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF124551.D

Acq: 13 Jul 2021 18:04

Tgt Ion:107 Resp: 2898

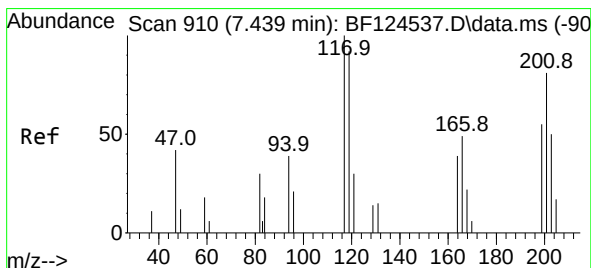
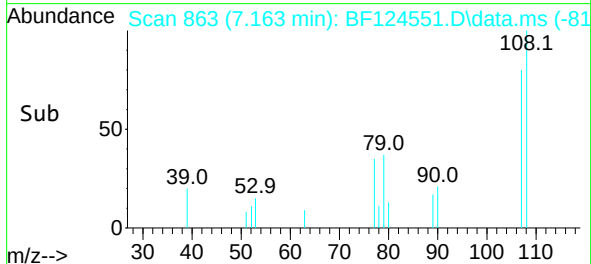
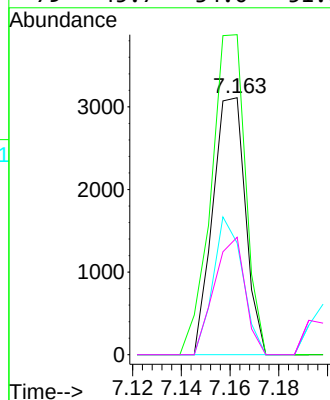
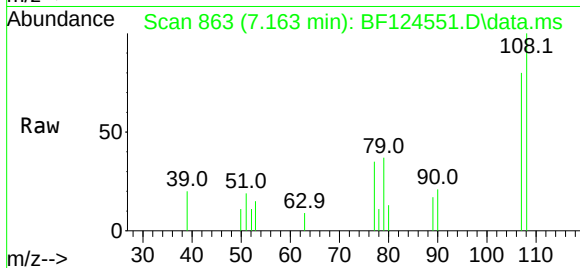
Ion Ratio Lower Upper

107 100

108 124.6 90.6 135.8

77 43.5 35.7 53.5

79 45.7 34.0 51.0



#18

Hexachloroethane

Concen: 8.472 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF124551.D

Acq: 13 Jul 2021 18:04

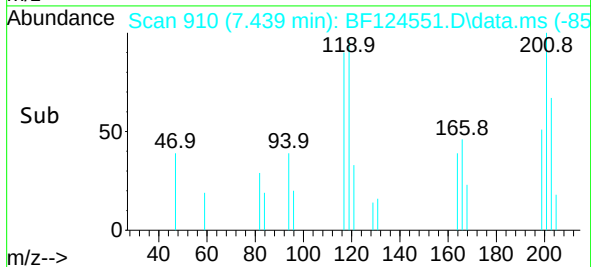
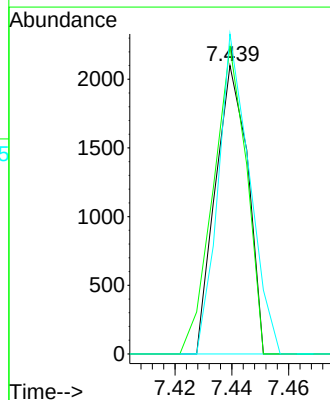
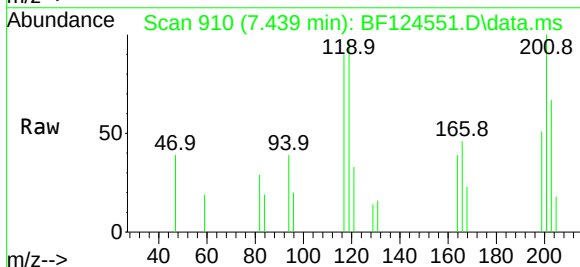
Tgt Ion:117 Resp: 1653

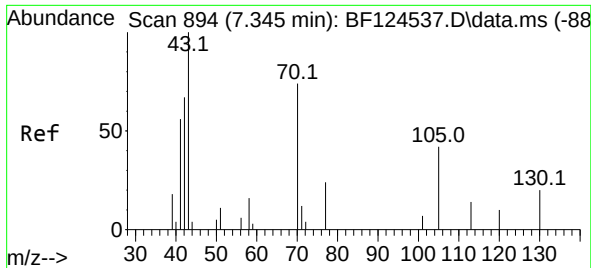
Ion Ratio Lower Upper

117 100

119 106.8 73.4 110.2

201 111.0 64.9 97.3#

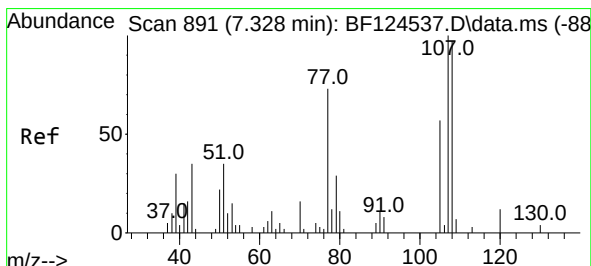
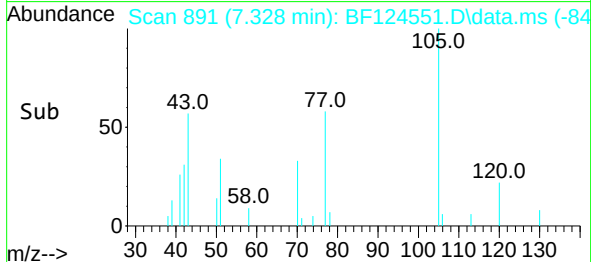
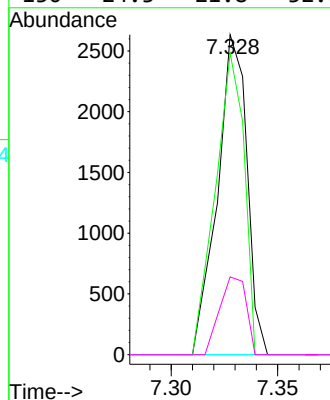
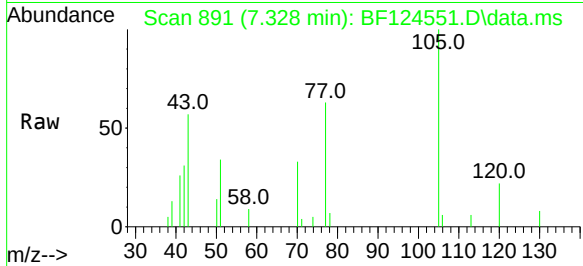




#19
n-Nitroso-di-n-propylamine
Concen: 8.976 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

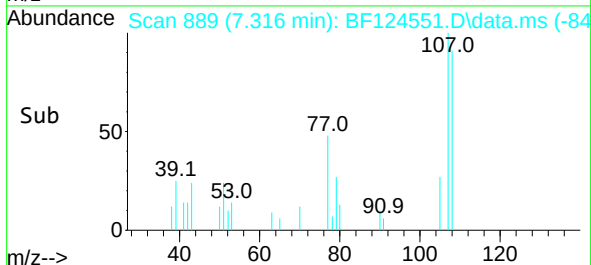
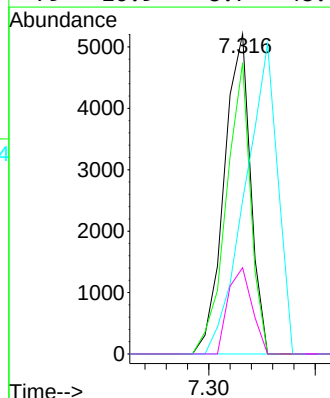
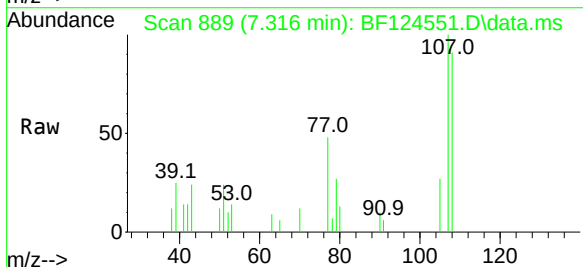
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

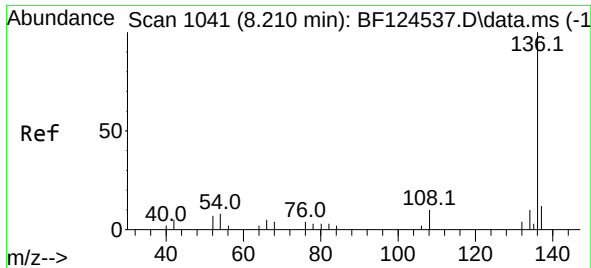
Tgt Ion: 70	Resp: 2538
Ion Ratio	Lower Upper
70 100	
42 94.3	72.2 108.2
101 0.0	7.8 11.8#
130 24.3	21.8 32.6



#20
3+4-Methylphenols
Concen: 10.050 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion: 107	Resp: 4489
Ion Ratio	Lower Upper
107 100	
108 91.0	76.6 116.6
77 48.0	53.3 93.3#
79 26.9	8.7 48.7

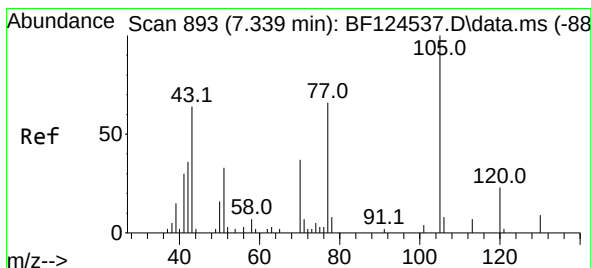
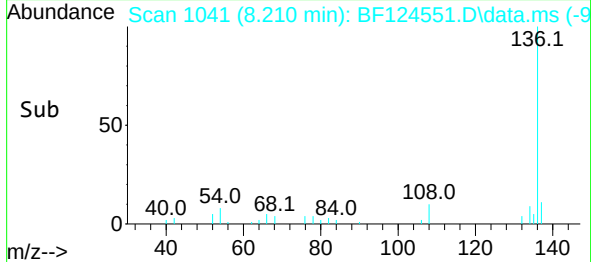
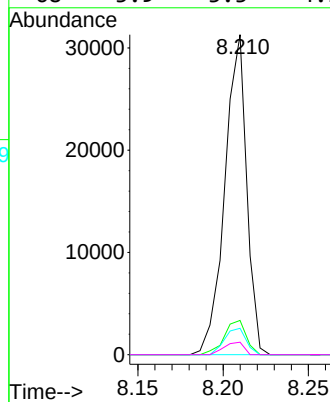
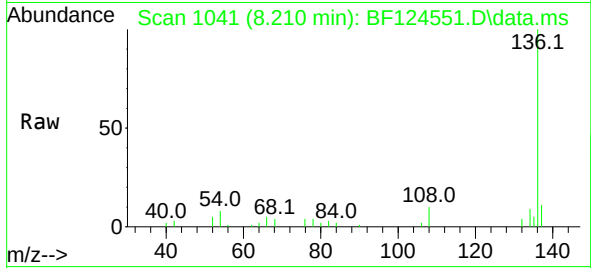




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

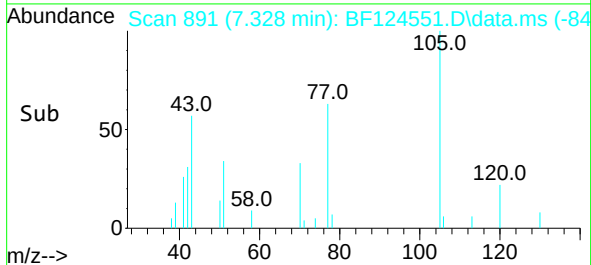
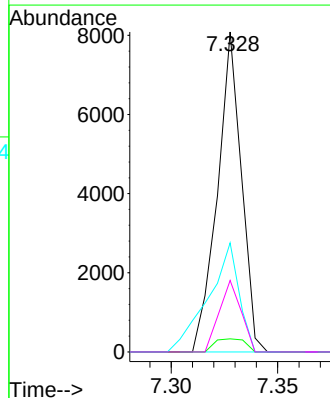
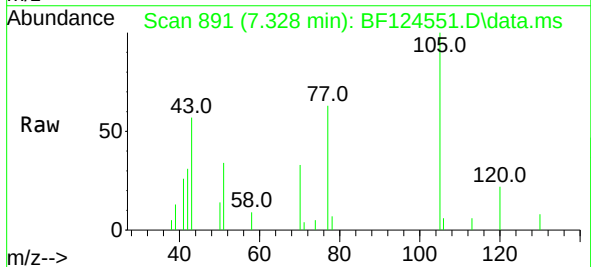
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

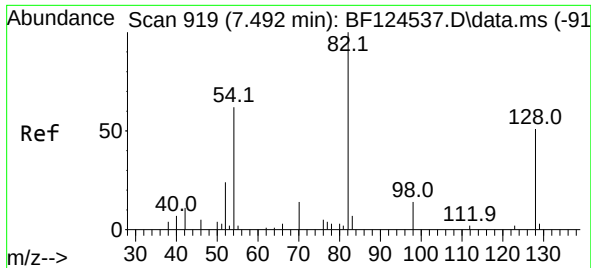
Tgt Ion:136	Resp:	27912
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.8 14.6
54	8.3	6.4 9.6
68	3.9	3.3 4.9



#22
Acetophenone
Concen: 10.001 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.011 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:105	Resp:	6335
Ion Ratio	Lower	Upper
105	100	
71	4.1	5.5 8.3#
51	34.1	26.0 39.0
120	22.3	18.5 27.7

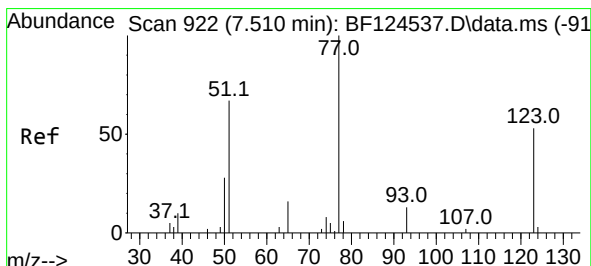
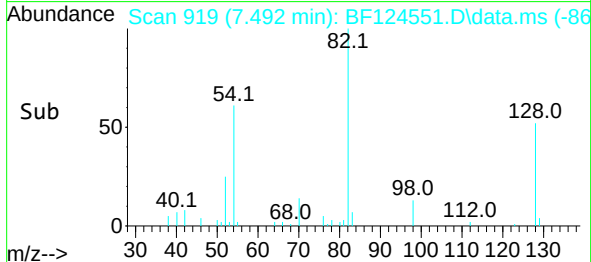
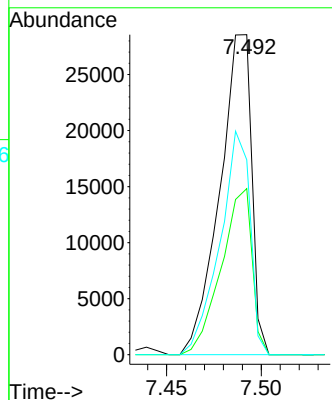
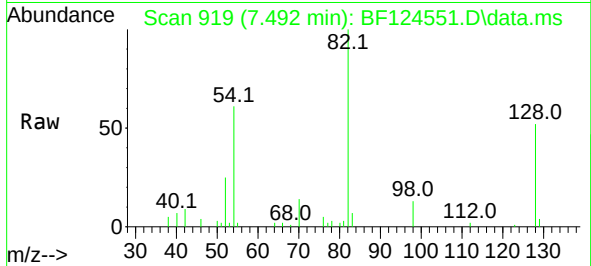




#23
Nitrobenzene-d5
Concen: 75.749 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

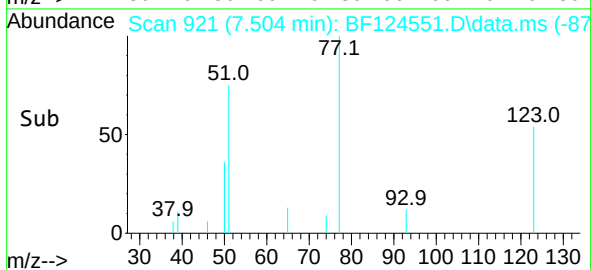
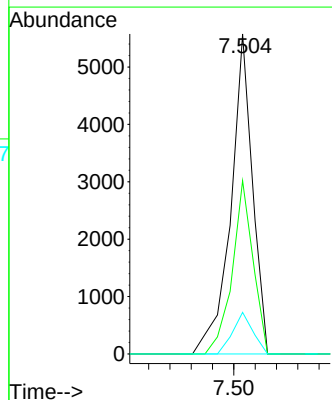
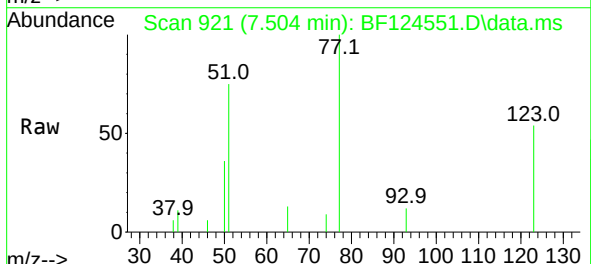
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

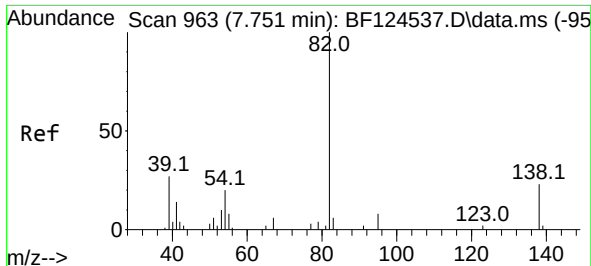
Tgt Ion:	82	Resp:	33493
Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.6	60.8
54	60.9	49.6	74.4



#24
Nitrobenzene
Concen: 8.984 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:	77	Resp:	3939
Ion	Ratio	Lower	Upper
77	100		
123	54.2	42.3	63.5
65	13.0	12.4	18.6

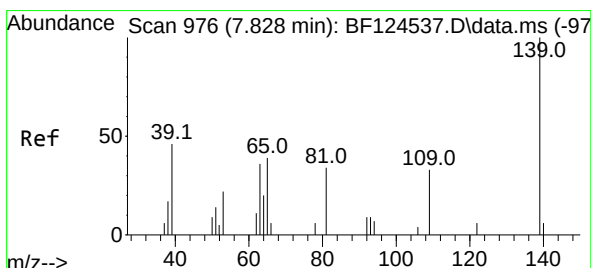
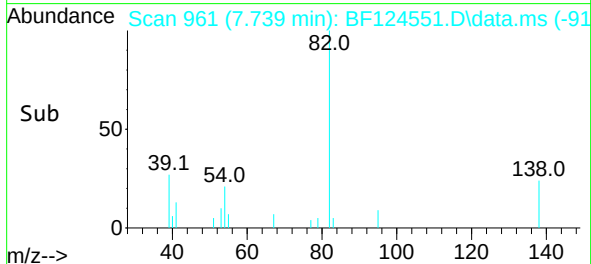
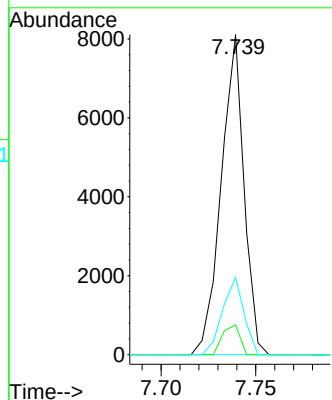
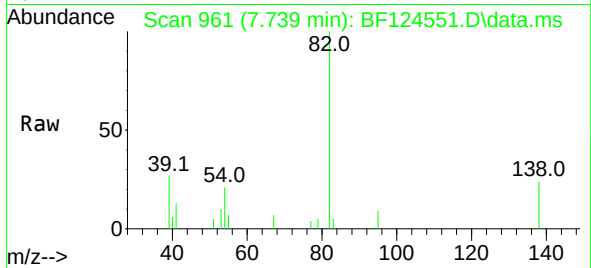




#25
Isophorone
Concen: 8.346 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

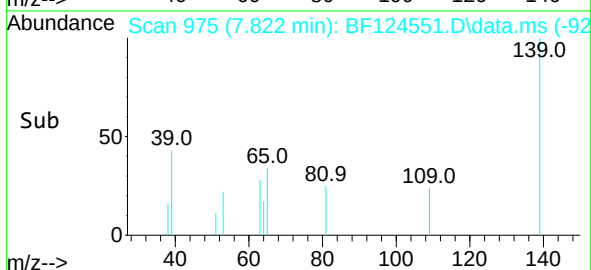
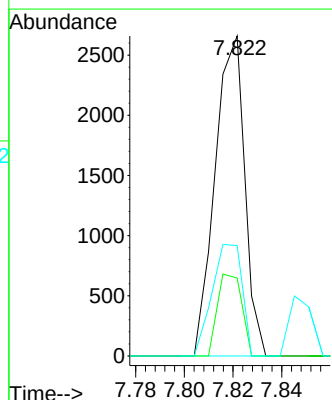
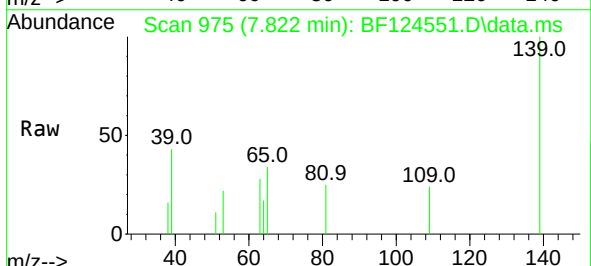
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

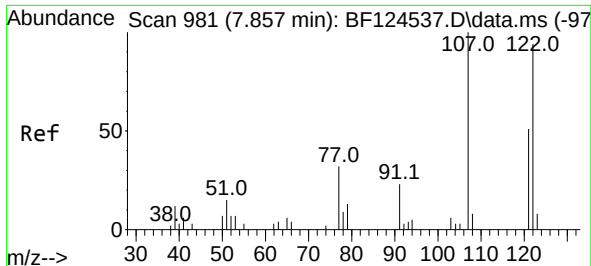
Tgt Ion:	82	Resp:	6774
Ion	Ratio	Lower	Upper
82	100		
95	9.2	6.5	9.7
138	24.2	18.4	27.6



#26
2-Nitrophenol
Concen: 9.497 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:	139	Resp:	2246
Ion	Ratio	Lower	Upper
139	100		
109	24.3	26.0	39.0#
65	34.5	31.0	46.4





#27

2,4-Dimethylphenol

Concen: 10.278 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.012 min

Lab File: BF124551.D

Acq: 13 Jul 2021 18:04

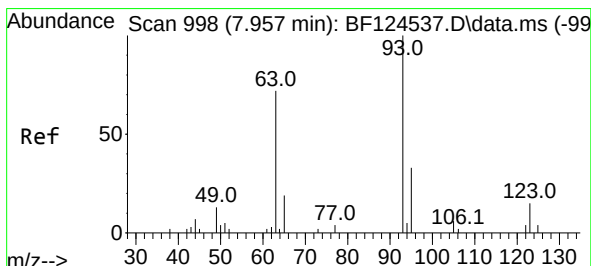
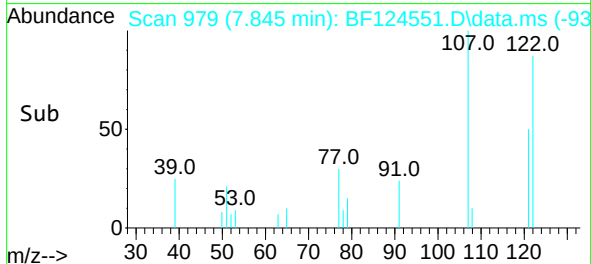
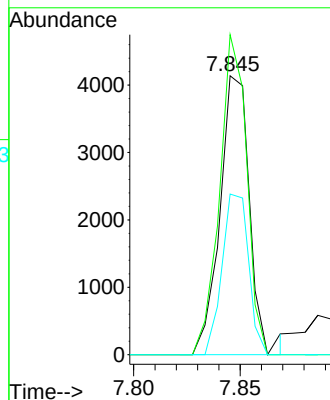
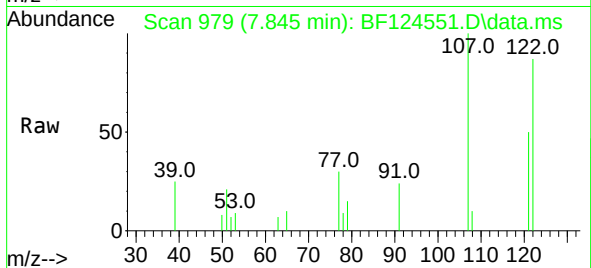
Tgt Ion:122 Resp: 4028

Ion Ratio Lower Upper

122 100

107 114.7 85.0 127.6

121 57.6 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 9.686 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF124551.D

Acq: 13 Jul 2021 18:04

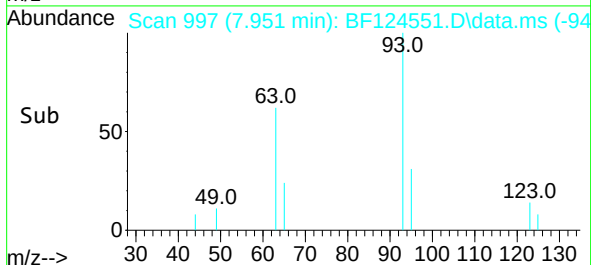
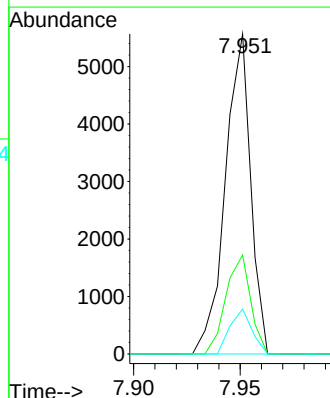
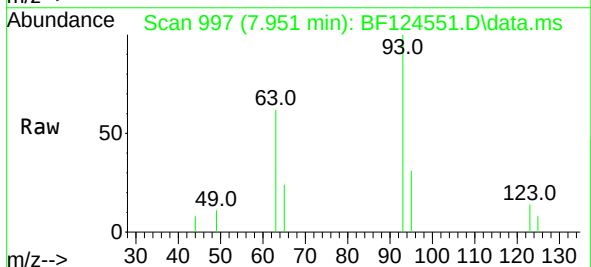
Tgt Ion: 93 Resp: 4586

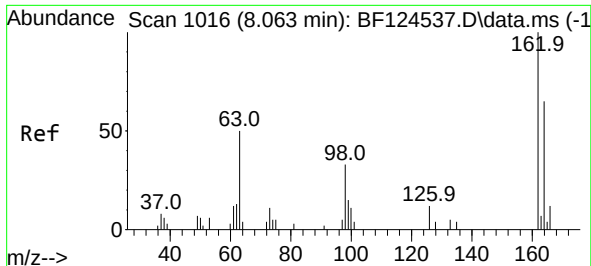
Ion Ratio Lower Upper

93 100

95 31.0 26.1 39.1

123 14.1 11.7 17.5

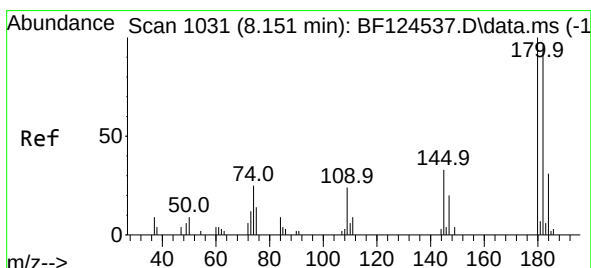
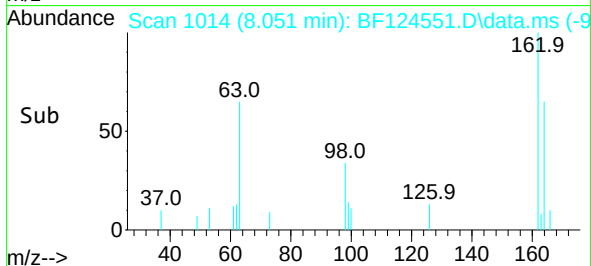
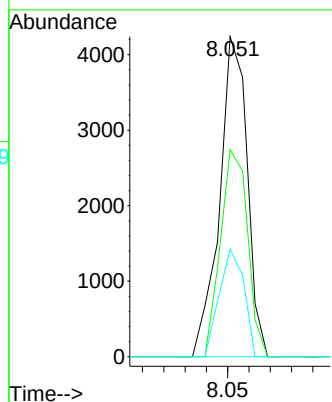
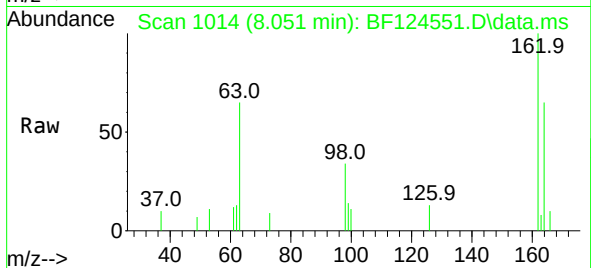




#29
2,4-Dichlorophenol
Concen: 9.460 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

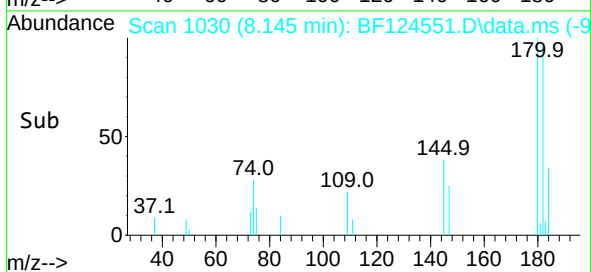
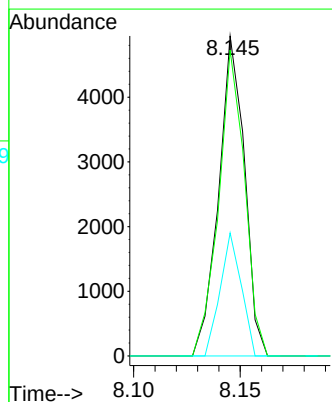
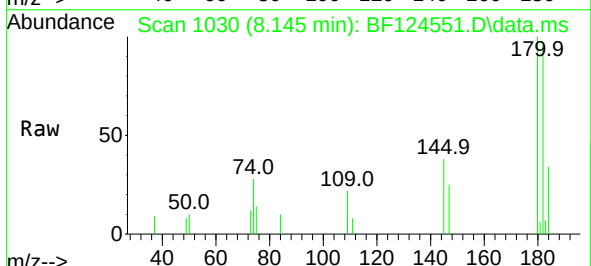
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

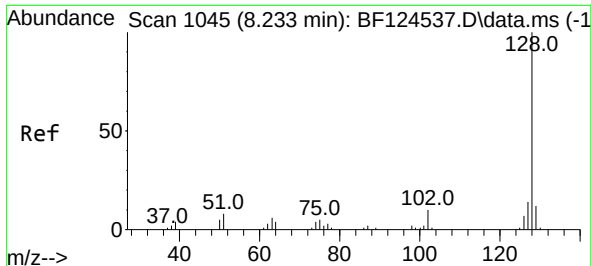
Tgt Ion:162 Resp: 3824
Ion Ratio Lower Upper
162 100
164 64.7 44.5 84.5
98 33.5 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 9.342 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

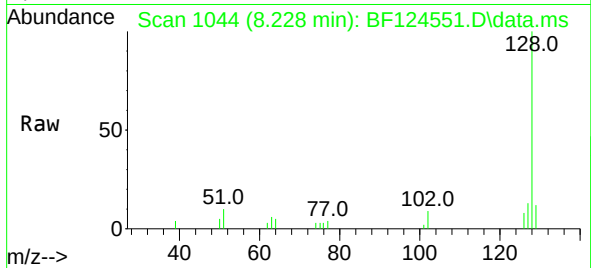
Tgt Ion:180 Resp: 4179
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 38.4 26.7 40.1



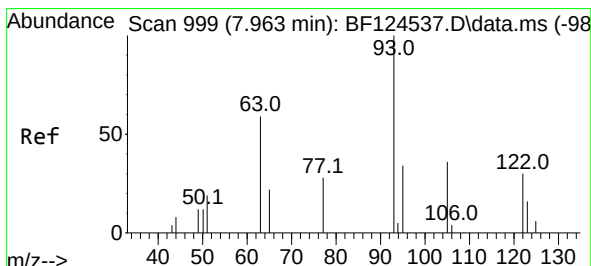
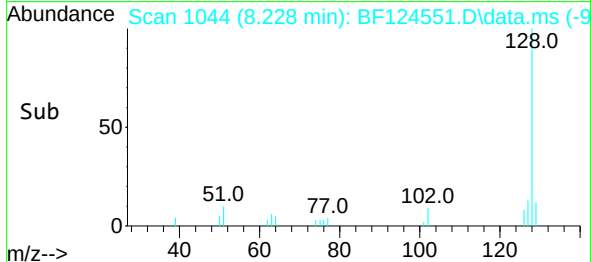
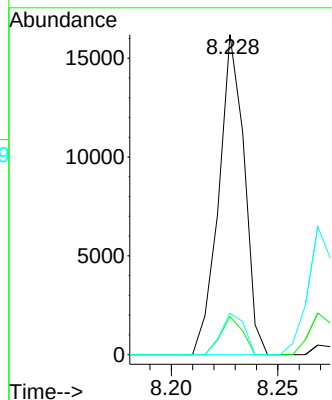


#31
Naphthalene
Concen: 9.301 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

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

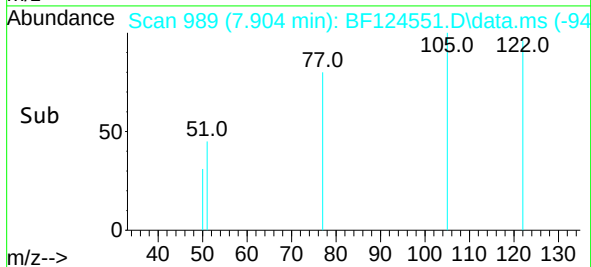
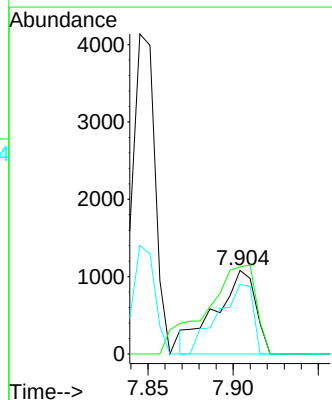
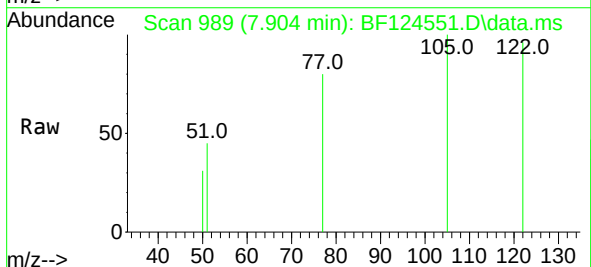


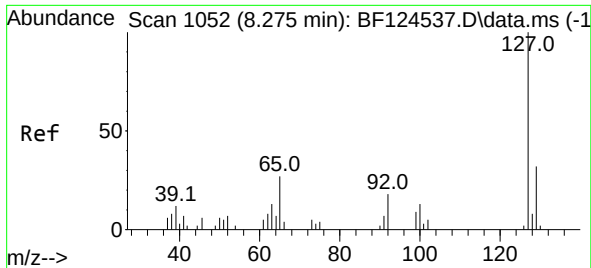
Tgt Ion:128 Resp: 13427
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 6.432 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.059 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:122 Resp: 1757
Ion Ratio Lower Upper
122 100
105 104.1 97.6 137.6
77 83.3 59.6 99.6

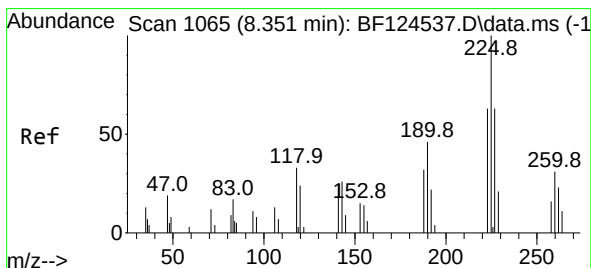
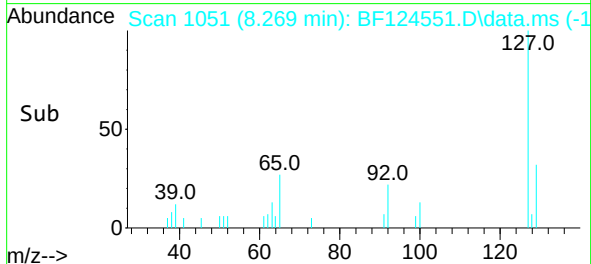
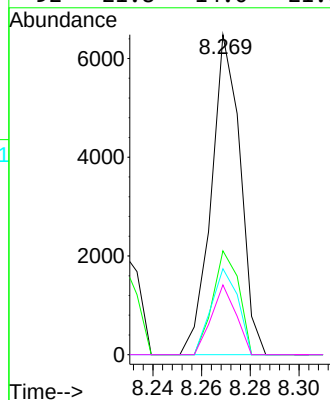
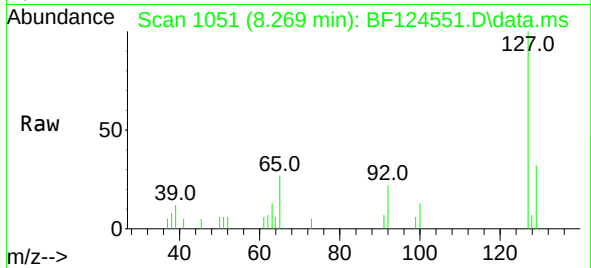




#33
4-Chloroaniline
Concen: 9.829 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

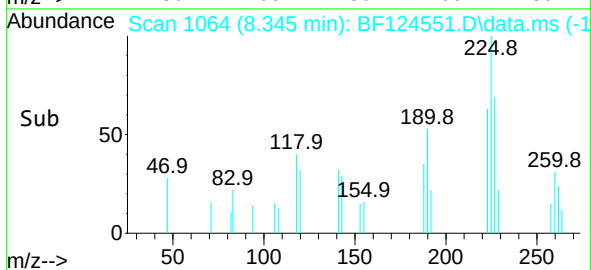
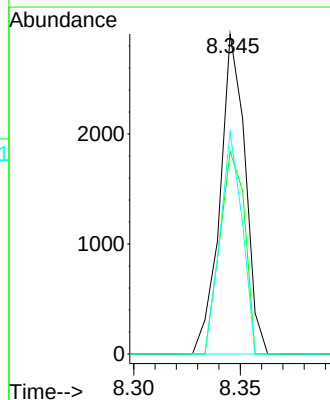
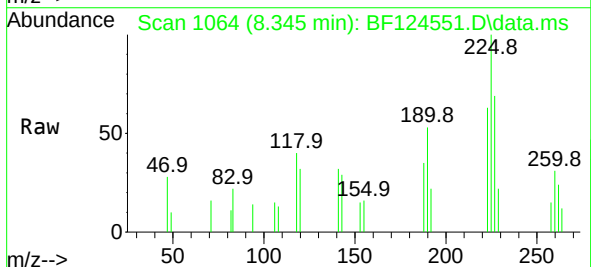
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

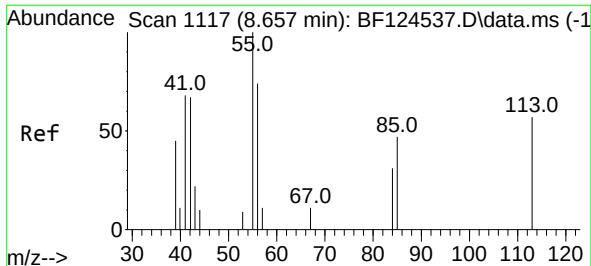
Tgt Ion:	127	Resp:	5362
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	26.8	21.2	31.8
92	21.8	14.0	21.0



#34
Hexachlorobutadiene
Concen: 9.454 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:	225	Resp:	2387
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	69.5	50.6	75.8

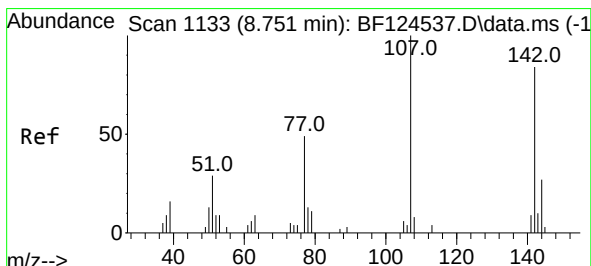
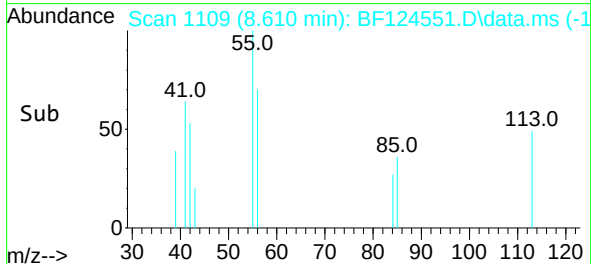
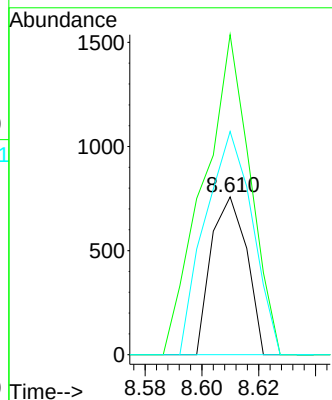
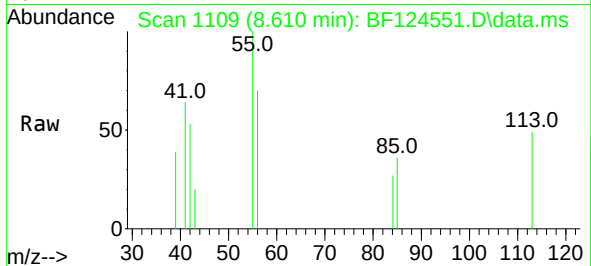




#35
Caprolactam
Concen: 6.426 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.047 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

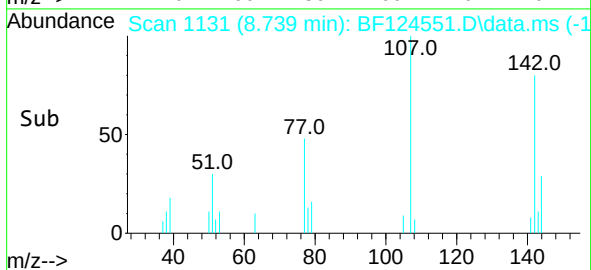
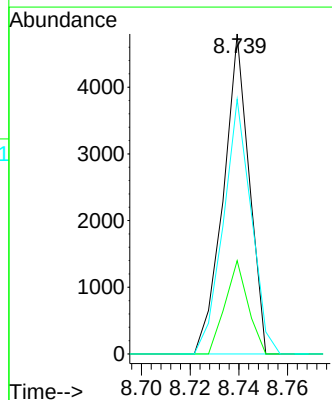
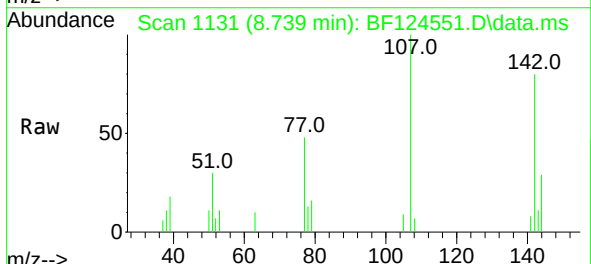
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

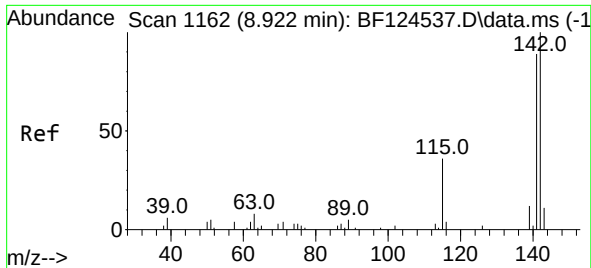
Tgt Ion:113 Resp: 657
Ion Ratio Lower Upper
113 100
55 202.8 154.1 194.1#
56 141.4 108.7 148.7



#36
4-Chloro-3-methylphenol
Concen: 8.806 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:107 Resp: 3520
Ion Ratio Lower Upper
107 100
144 29.1 21.9 32.9
142 79.6 67.1 100.7

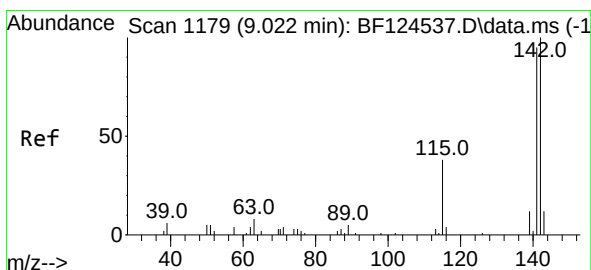
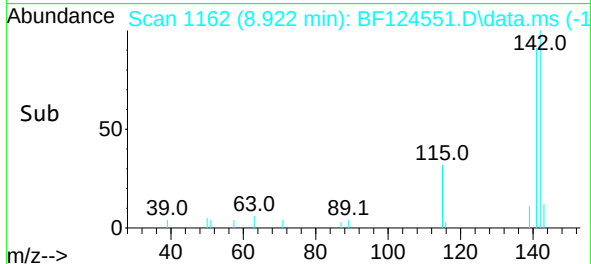
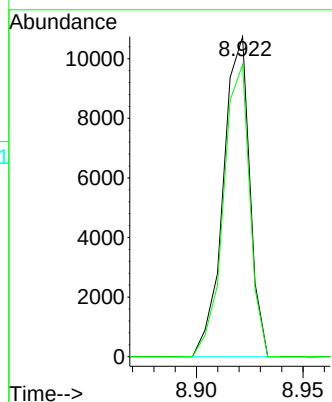
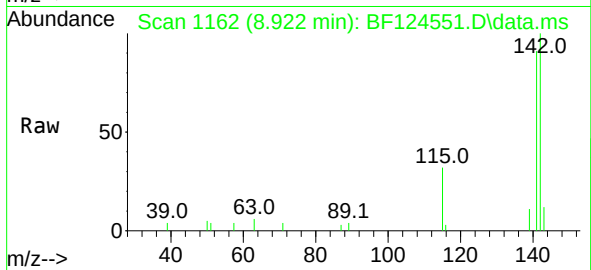




#37
2-Methylnaphthalene
Concen: 9.507 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

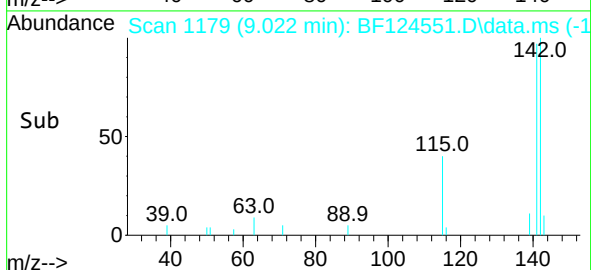
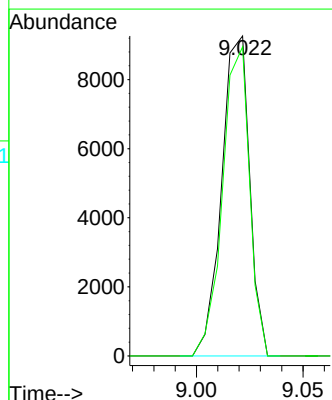
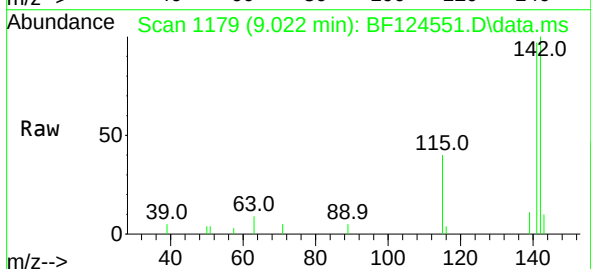
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

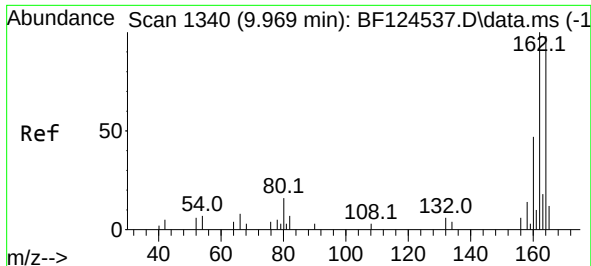
Tgt Ion:142 Resp: 9261
Ion Ratio Lower Upper
142 100
141 91.2 71.2 106.8



#38
1-Methylnaphthalene
Concen: 9.228 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:142 Resp: 8443
Ion Ratio Lower Upper
142 100
141 96.6 76.0 114.0

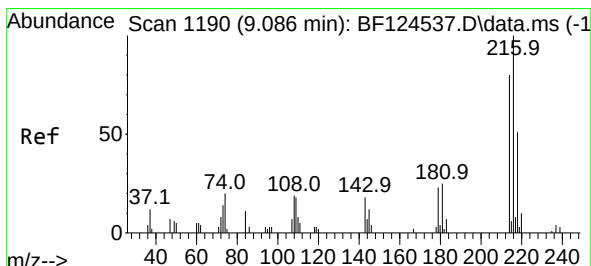
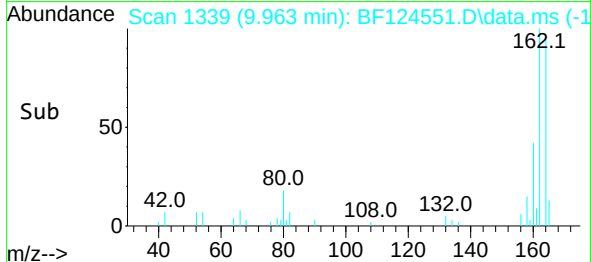
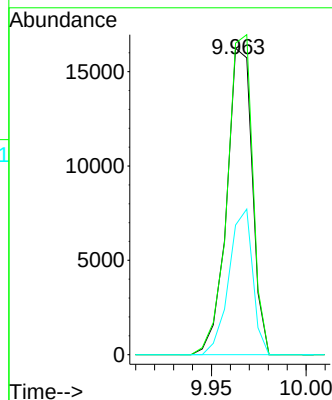
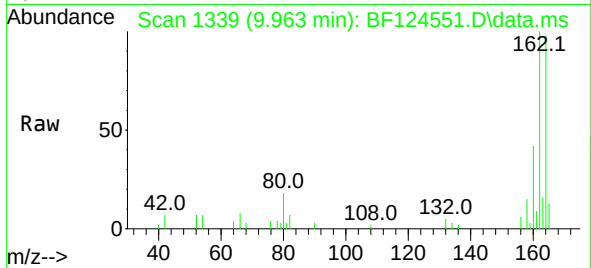




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

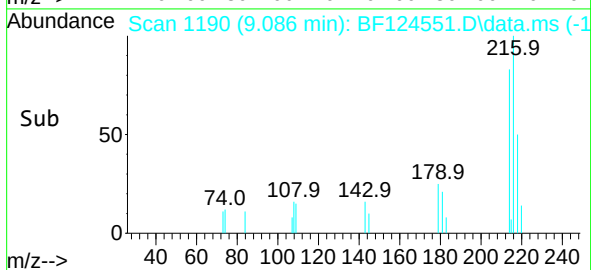
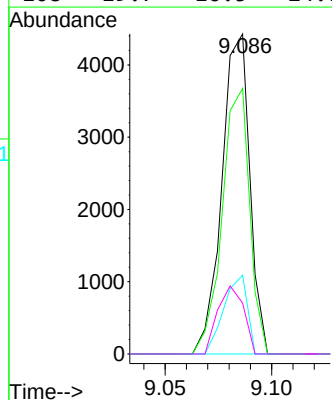
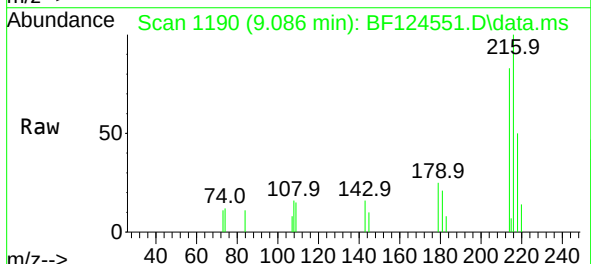
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

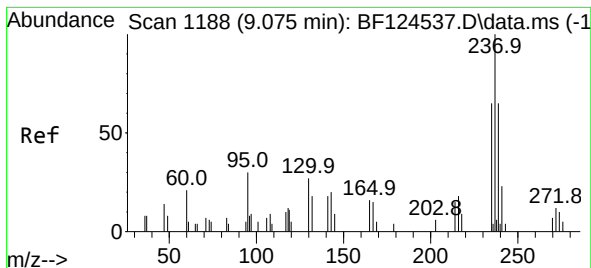
Tgt Ion:164	Resp:	15241
Ion Ratio	Lower	Upper
164	100	
162	101.7	81.3 121.9
160	42.3	38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.924 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:216	Resp:	4034
Ion Ratio	Lower	Upper
216	100	
214	81.6	64.9 97.3
179	20.6	17.4 26.2
108	19.7	16.5 24.7



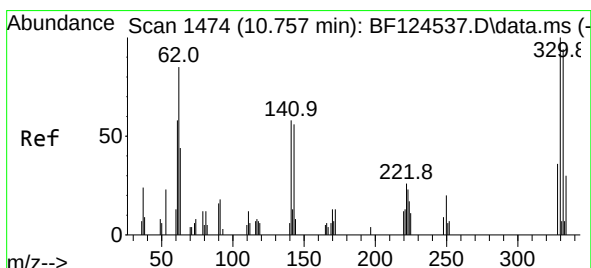
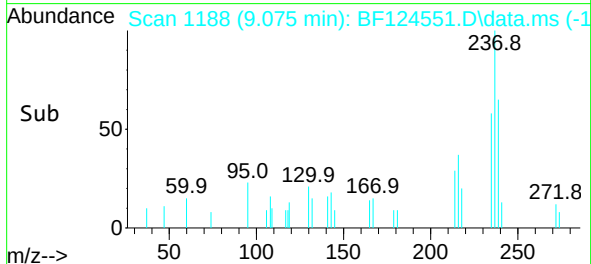
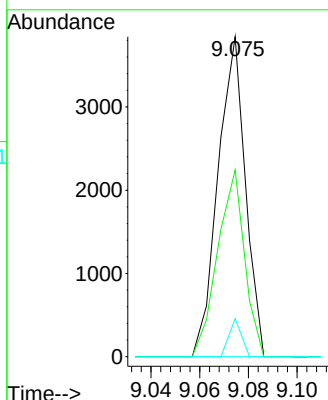
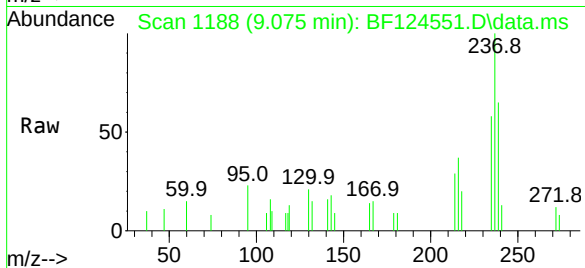


#41

Hexachlorocyclopentadiene
Concen: 11.803 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

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

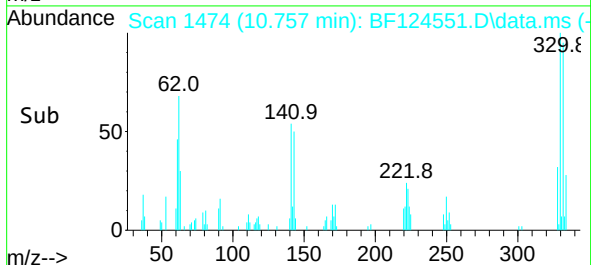
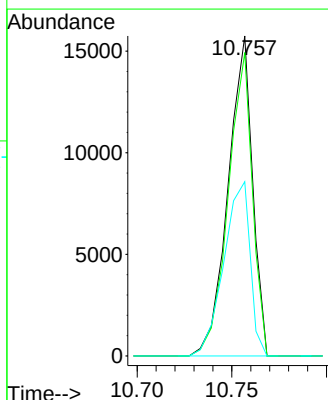
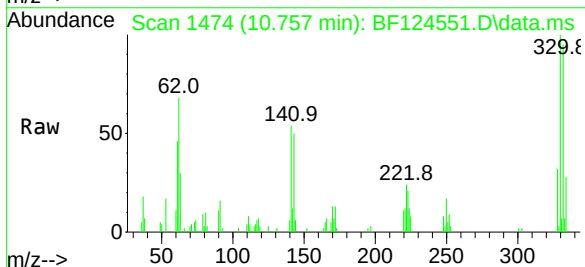
Tgt Ion:237	Resp:	2997
Ion Ratio	Lower	Upper
237	100	
235	58.4	44.7 84.7
272	11.9	0.0 31.6

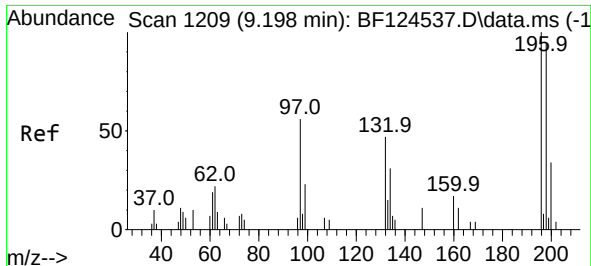


#42

2,4,6-Tribromophenol
Concen: 119.061 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:330	Resp:	14121
Ion Ratio	Lower	Upper
330	100	
332	93.6	76.2 114.4
141	58.7	44.6 66.8

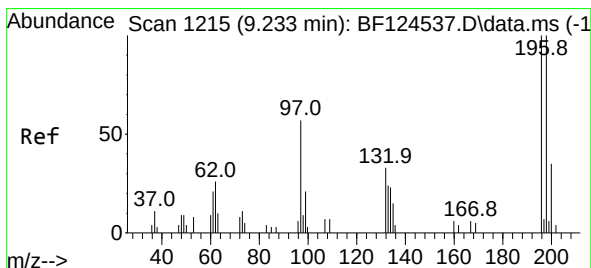
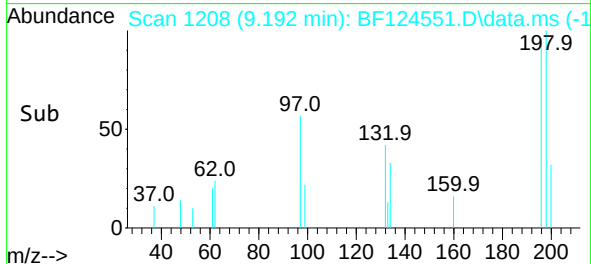
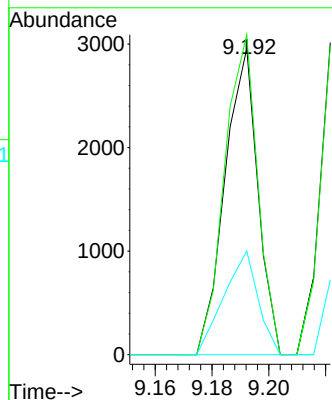
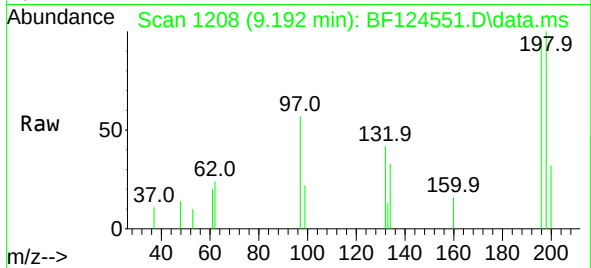




#43
2,4,6-Trichlorophenol
Concen: 8.134 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

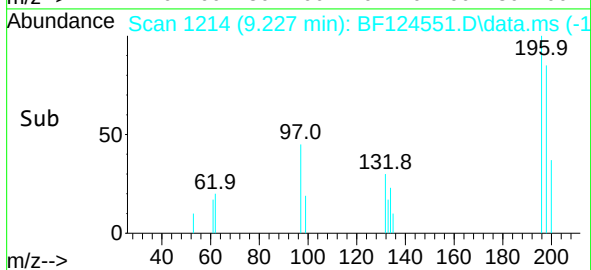
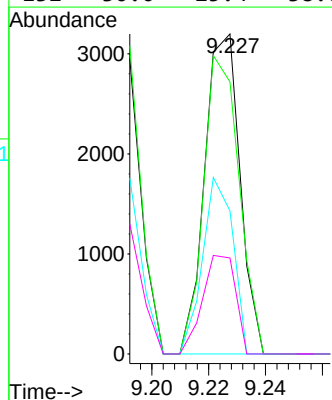
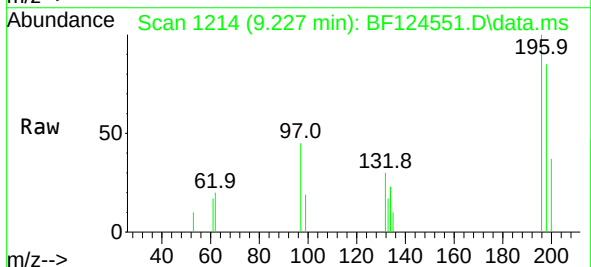
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

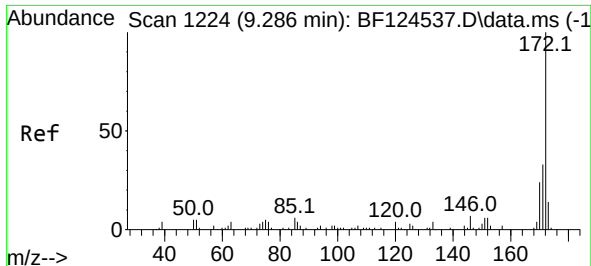
Tgt Ion:196 Resp: 2387
Ion Ratio Lower Upper
196 100
198 104.4 74.9 112.3
200 33.8 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 9.139 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:196 Resp: 2766
Ion Ratio Lower Upper
196 100
198 85.0 80.2 120.2
97 44.7 44.0 66.0
132 30.0 25.4 38.0

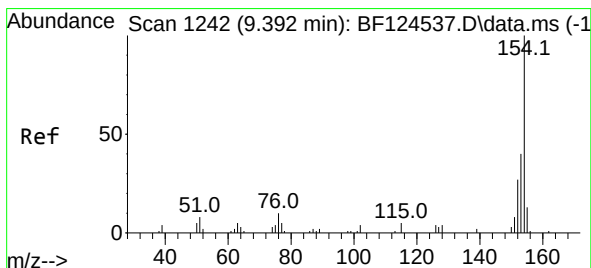
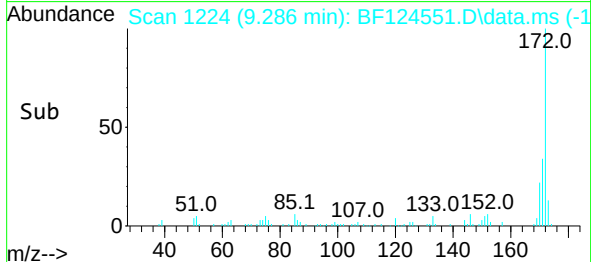
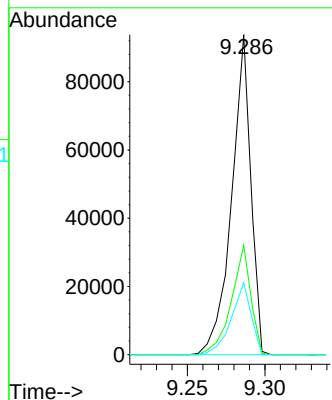
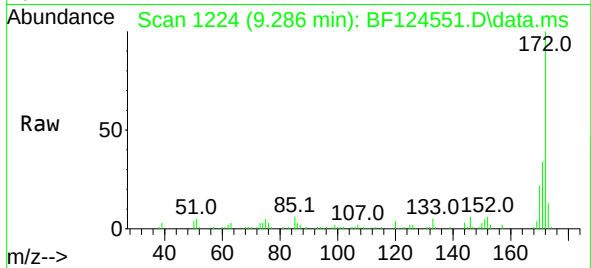




#45
2-Fluorobiphenyl
Concen: 77.079 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

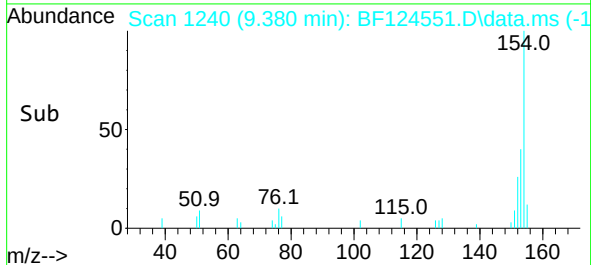
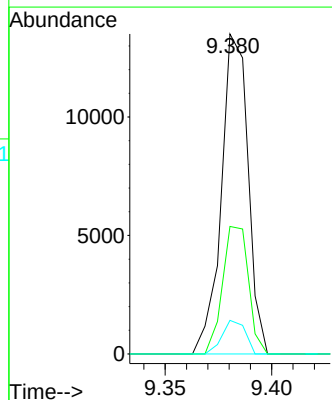
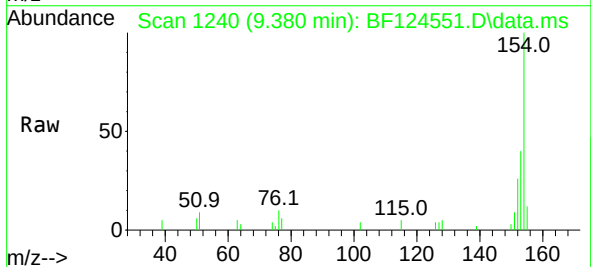
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

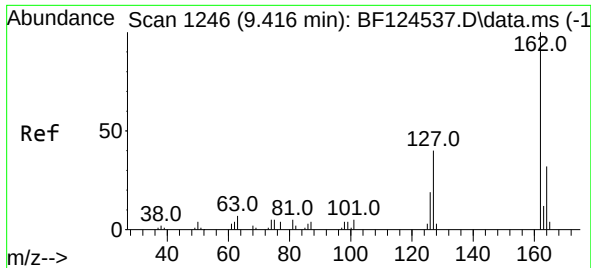
Tgt Ion:172 Resp: 80560
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 22.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 10.165 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:154 Resp: 11766
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 10.5 0.0 30.3

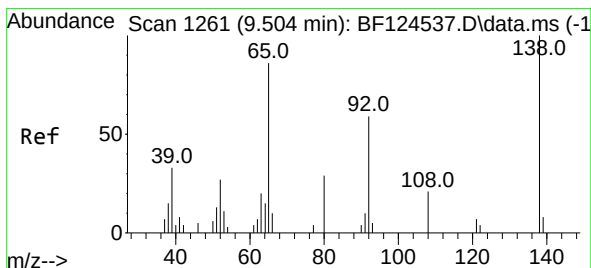
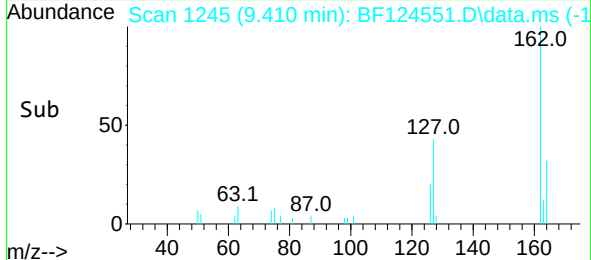
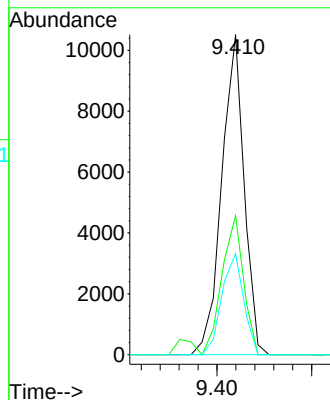
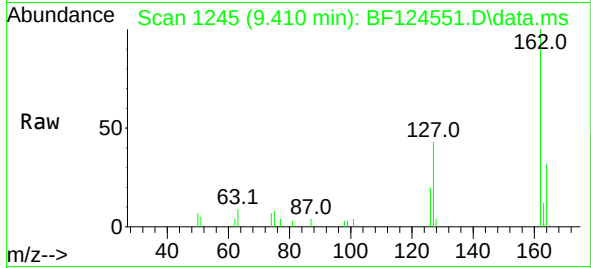




#47
2-Chloronaphthalene
Concen: 9.490 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

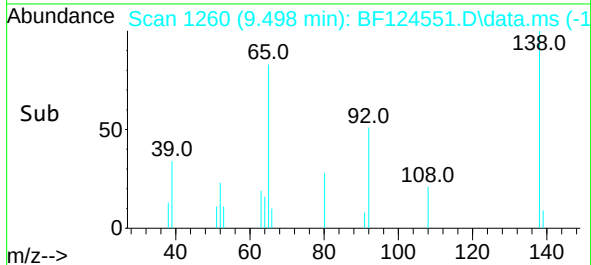
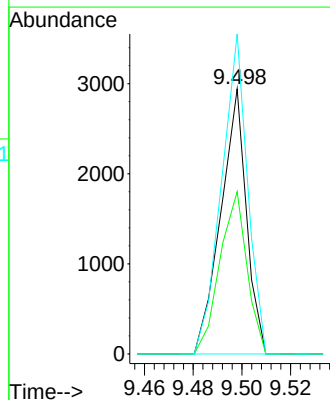
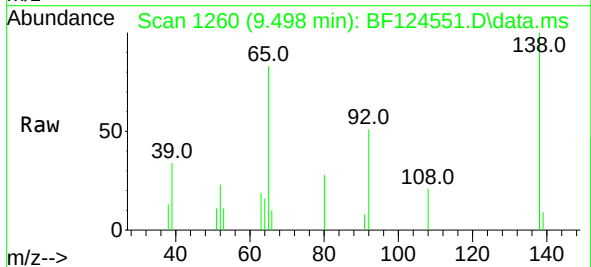
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

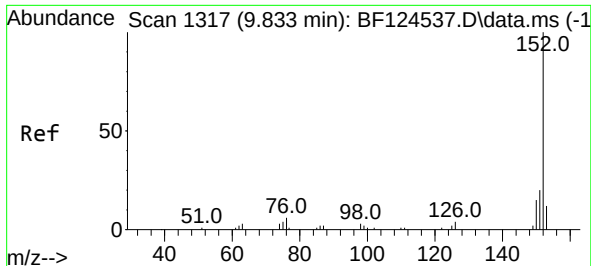
Tgt Ion:	162	Resp:	8613
Ion Ratio	Lower	Upper	
162	100		
127	43.4	33.0	49.4
164	31.6	25.8	38.8



#48
2-Nitroaniline
Concen: 9.879 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

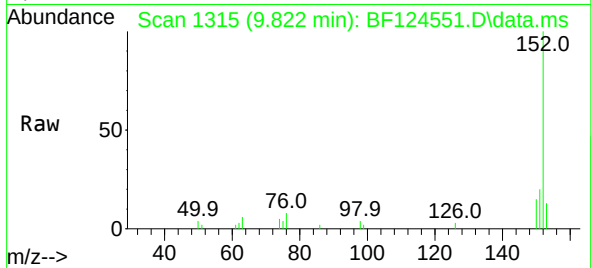
Tgt Ion:	65	Resp:	2156
Ion Ratio	Lower	Upper	
65	100		
92	61.3	55.5	83.3
138	120.7	93.5	140.3



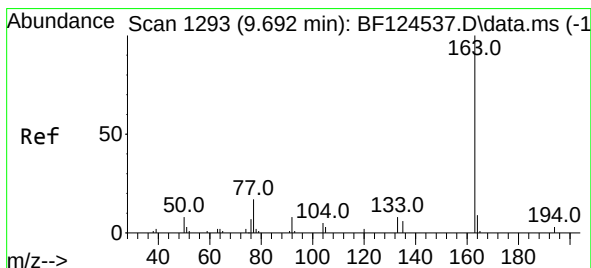
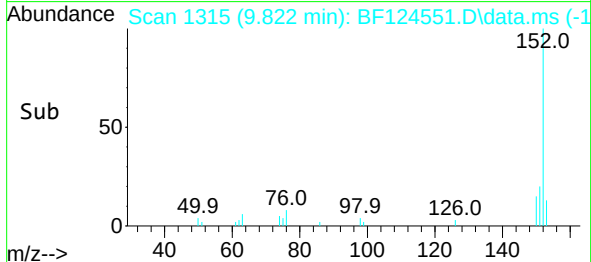
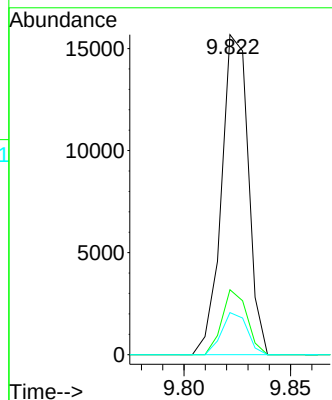


#49
Acenaphthylene
Concen: 9.675 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

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

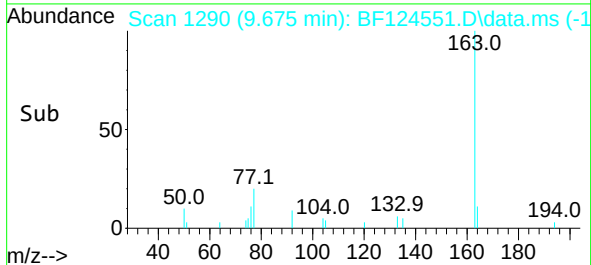
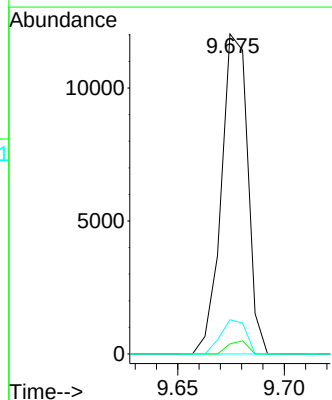
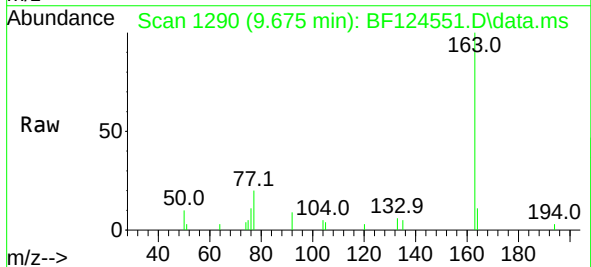


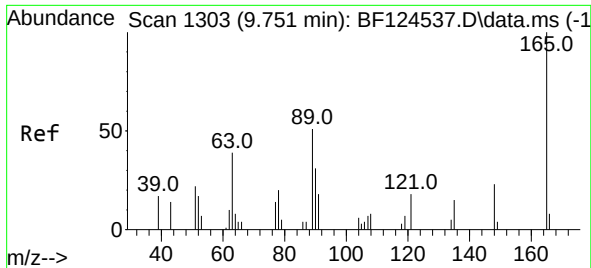
Tgt Ion:152 Resp: 13702
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.2 9.8 14.8



#50
Dimethylphthalate
Concen: 9.759 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.018 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:163 Resp: 10348
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 10.7 7.4 11.0

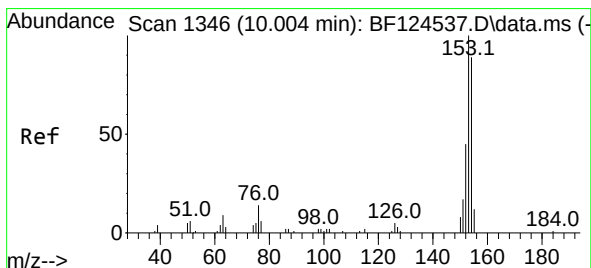
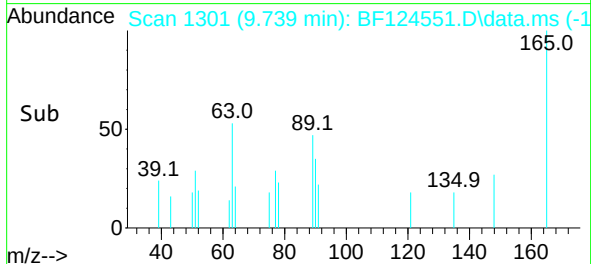
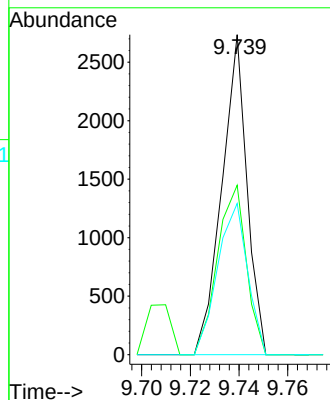
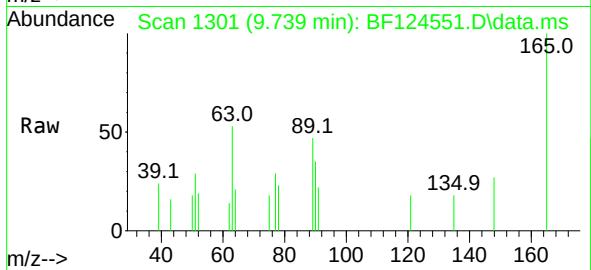




#51
2,6-Dinitrotoluene
Concen: 9.391 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

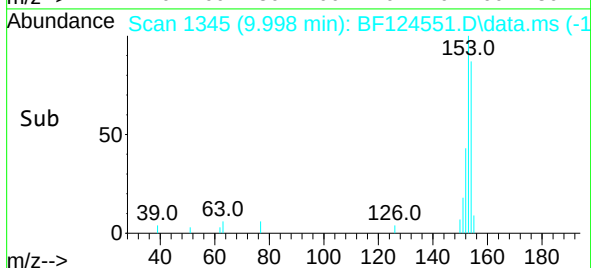
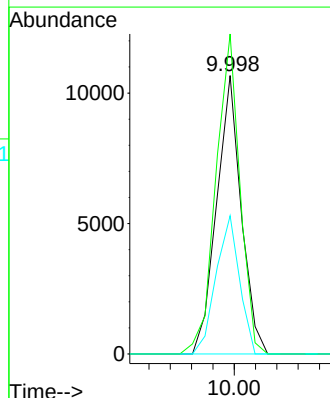
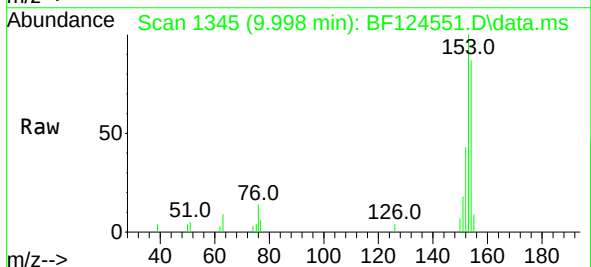
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

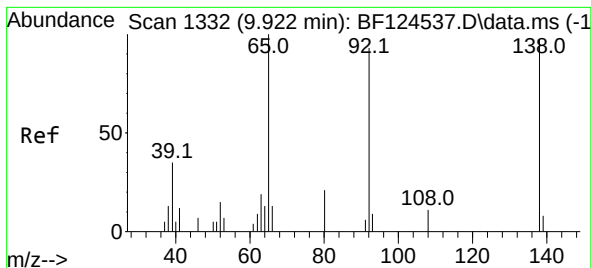
Tgt Ion:165 Resp: 1963
Ion Ratio Lower Upper
165 100
63 52.9 42.6 63.8
89 47.3 40.6 60.8



#52
Acenaphthene
Concen: 9.426 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:154 Resp: 8536
Ion Ratio Lower Upper
154 100
153 114.9 89.4 134.2
152 49.7 40.5 60.7

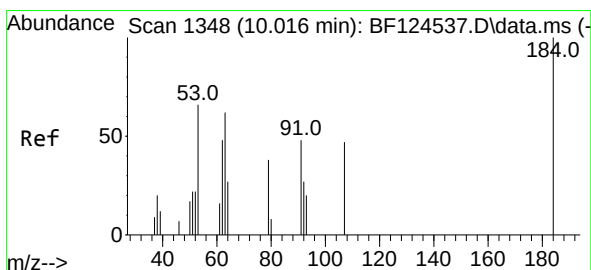
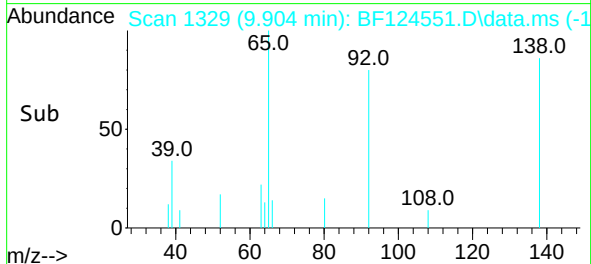
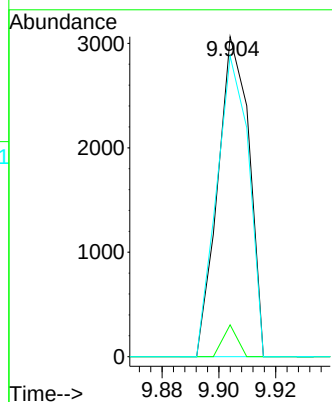
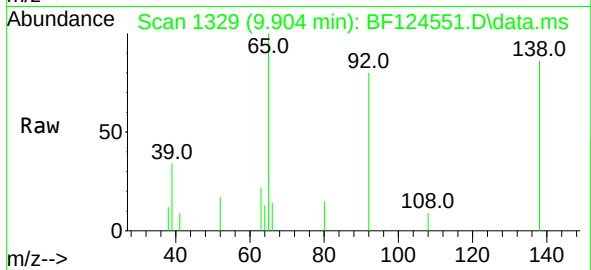




#53
3-Nitroaniline
Concen: 10.044 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.018 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

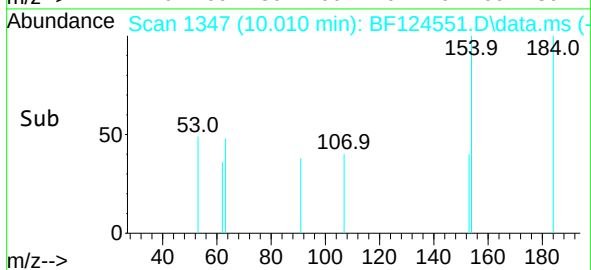
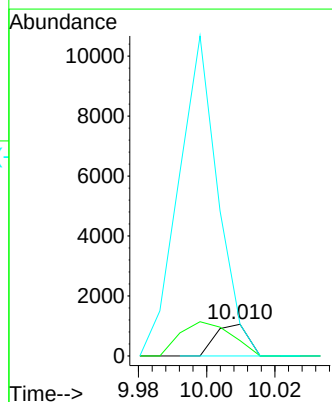
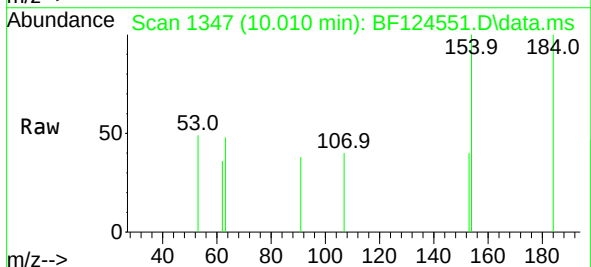
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

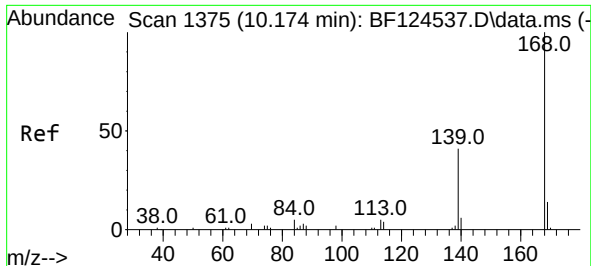
Tgt Ion:138 Resp: 2343
Ion Ratio Lower Upper
138 100
108 10.0 9.3 13.9
92 93.9 76.5 114.7



#54
2,4-Dinitrophenol
Concen: 6.372 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:184 Resp: 695
Ion Ratio Lower Upper
184 100
63 48.5 59.3 88.9#
154 100.2 68.6 102.8

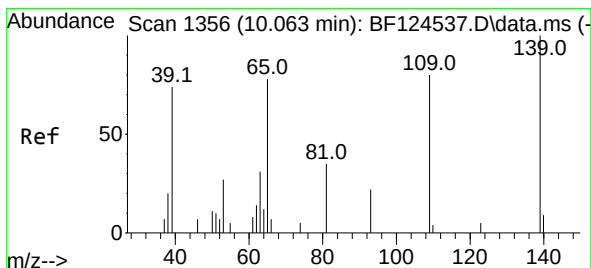
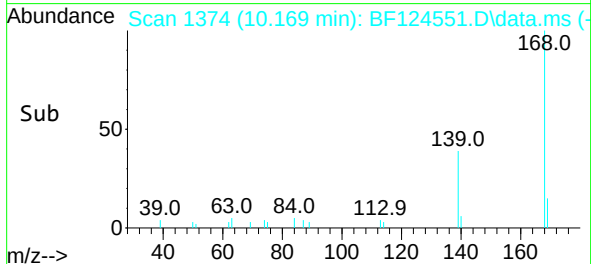
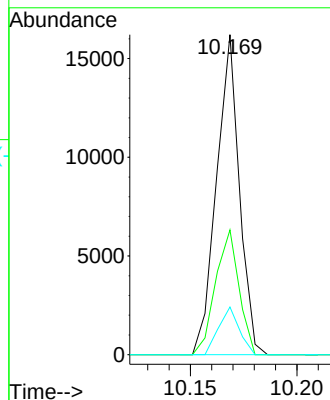
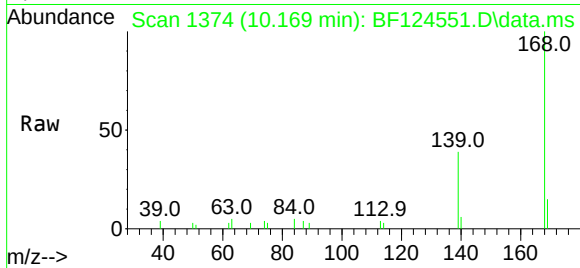




#55
Dibenzenofuran
Concen: 9.066 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

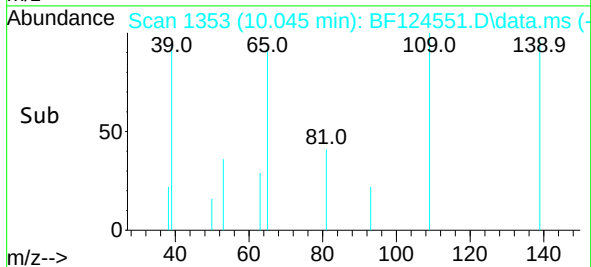
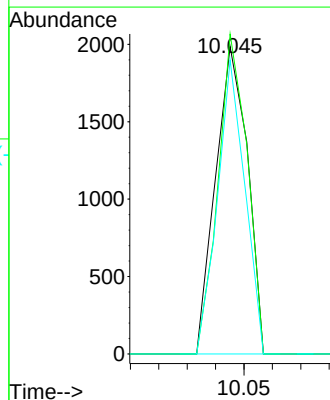
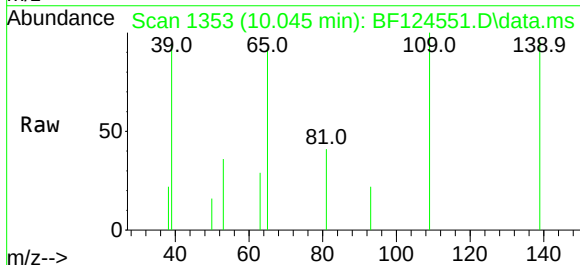
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

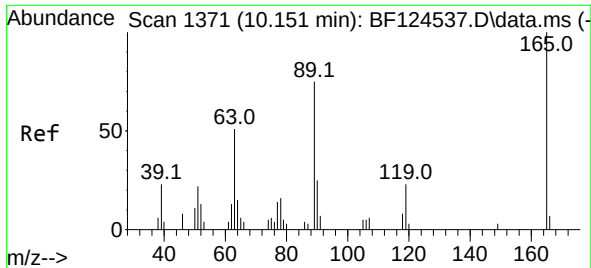
Tgt Ion:168 Resp: 12071
Ion Ratio Lower Upper
168 100
139 39.0 32.7 49.1
169 14.9 11.2 16.8



#56
4-Nitrophenol
Concen: 7.942 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.018 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

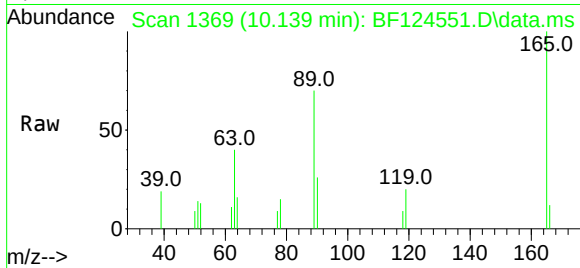
Tgt Ion:139 Resp: 1542
Ion Ratio Lower Upper
139 100
109 104.1 60.4 100.4#
65 95.7 58.4 98.4



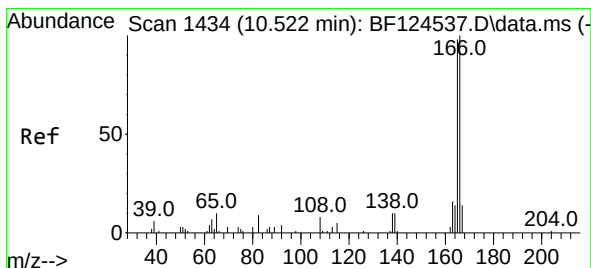
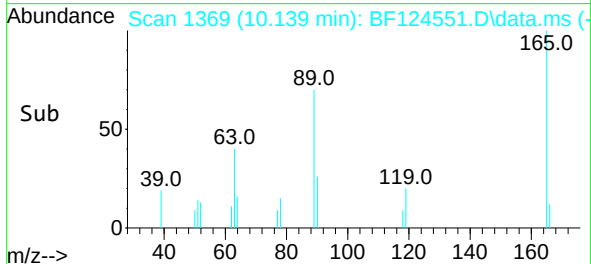
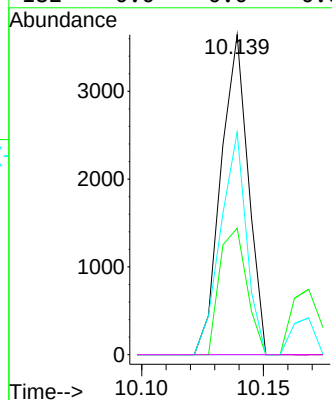


#57
2,4-Dinitrotoluene
Concen: 9.913 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

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

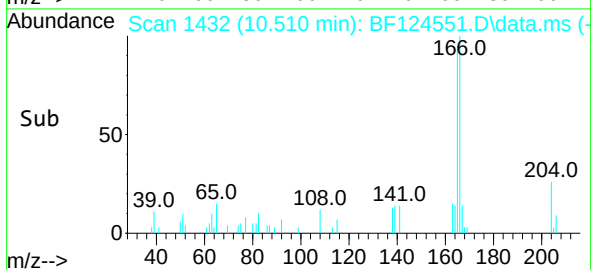
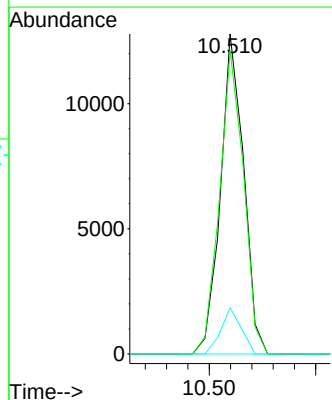
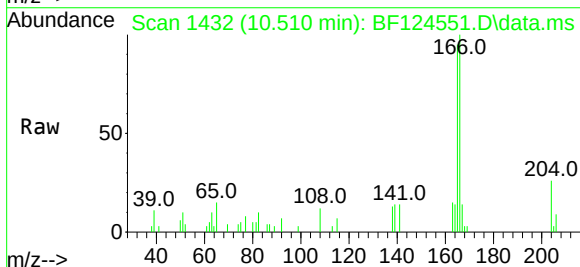


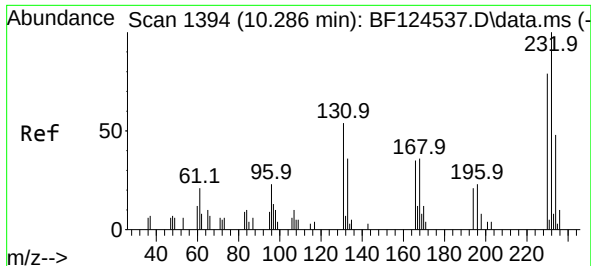
Tgt Ion:165 Resp: 2837
Ion Ratio Lower Upper
165 100
63 39.5 40.9 61.3#
89 69.6 59.7 89.5
182 0.0 0.0 0.0



#58
Fluorene
Concen: 9.384 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:166 Resp: 9665
Ion Ratio Lower Upper
166 100
165 94.9 78.1 117.1
167 14.5 11.1 16.7

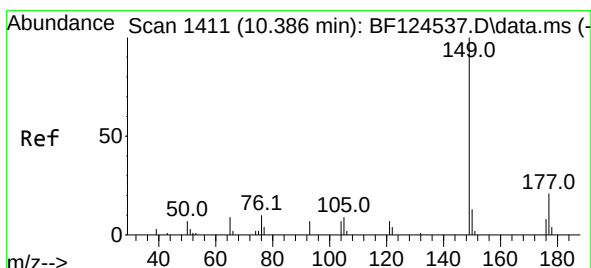
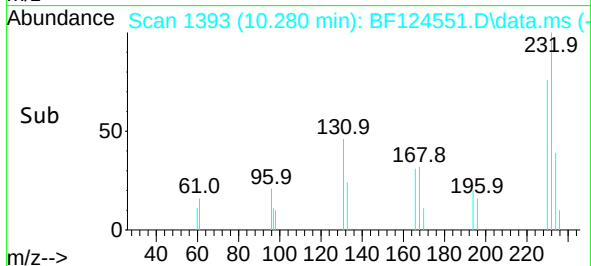
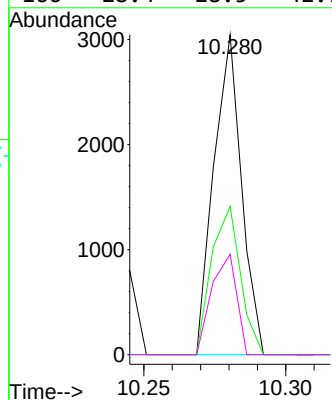
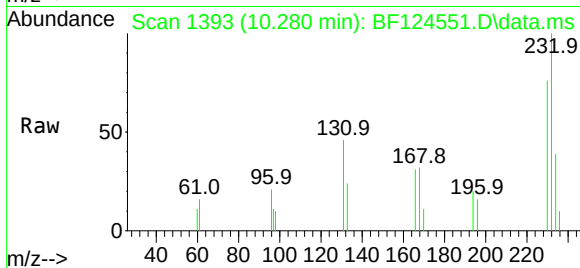




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.791 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

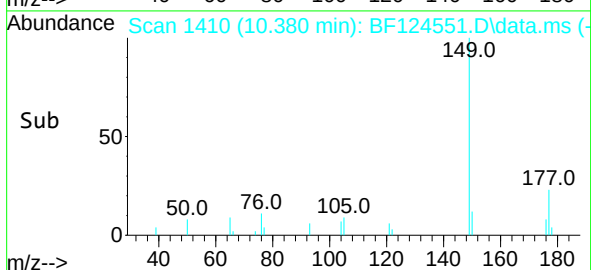
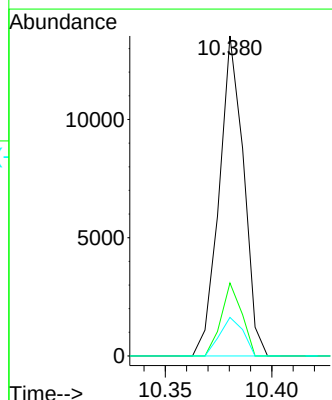
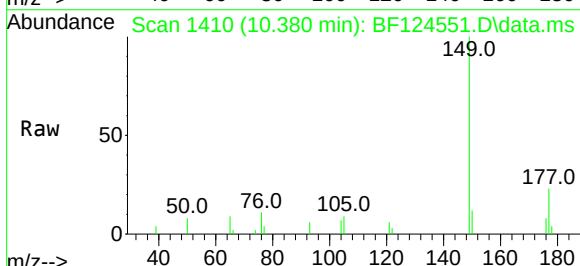
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

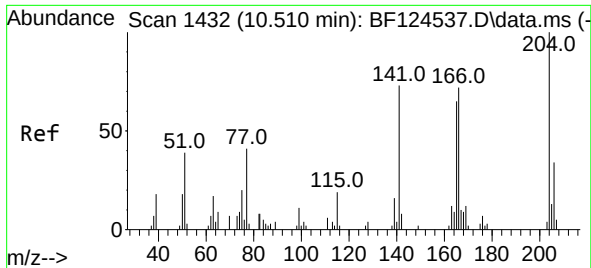
Tgt Ion:232 Resp: 2055
Ion Ratio Lower Upper
232 100
131 48.4 45.4 68.0
130 0.0 0.0 0.0
166 28.4 28.5 42.7#



#60
Diethylphthalate
Concen: 9.718 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:149 Resp: 10774
Ion Ratio Lower Upper
149 100
177 22.8 16.5 24.7
150 12.1 10.1 15.1

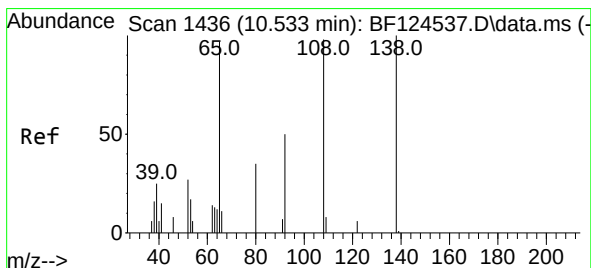
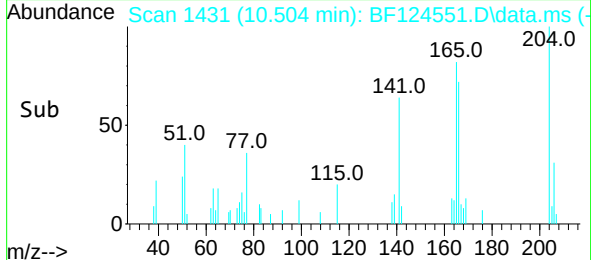
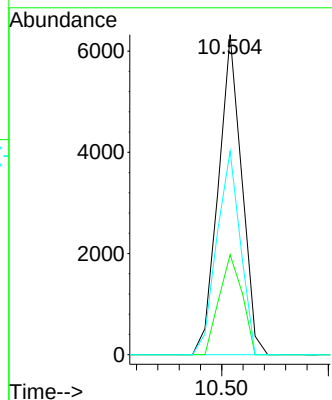
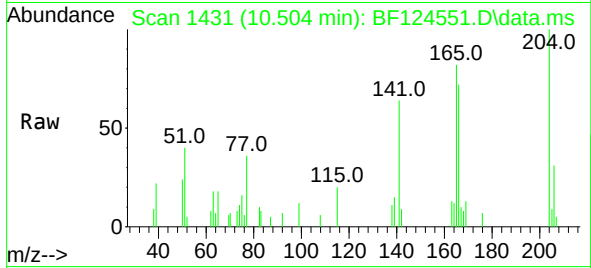




#61
4-Chlorophenyl-phenylether
Concen: 10.328 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

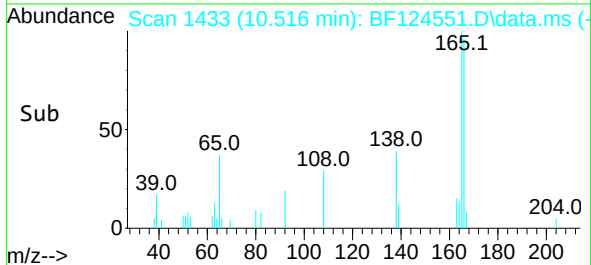
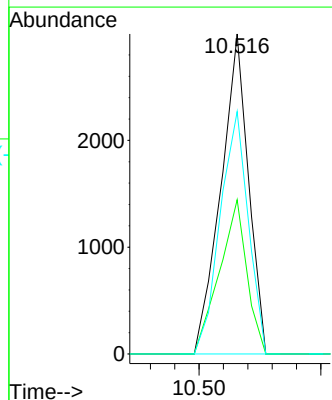
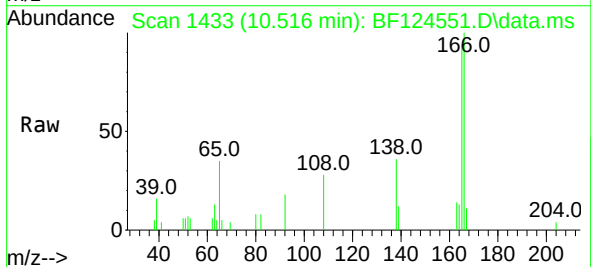
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

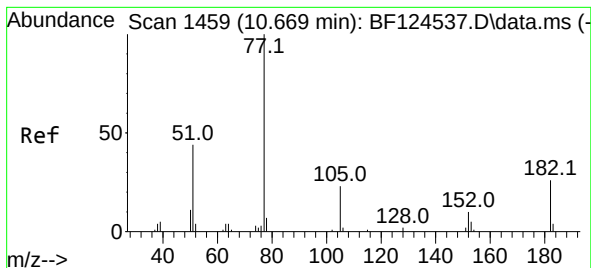
Tgt Ion:204 Resp: 4828
Ion Ratio Lower Upper
204 100
206 31.2 27.6 41.4
141 63.6 58.6 88.0



#62
4-Nitroaniline
Concen: 10.004 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:138 Resp: 2352
Ion Ratio Lower Upper
138 100
92 48.2 29.6 69.6
108 75.8 78.1 118.1#

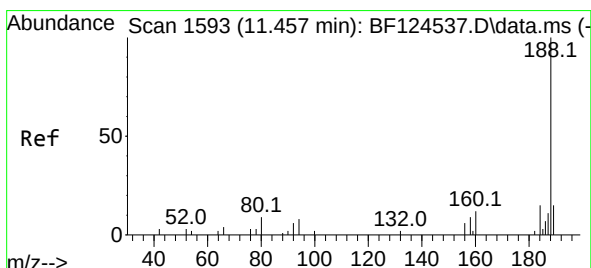
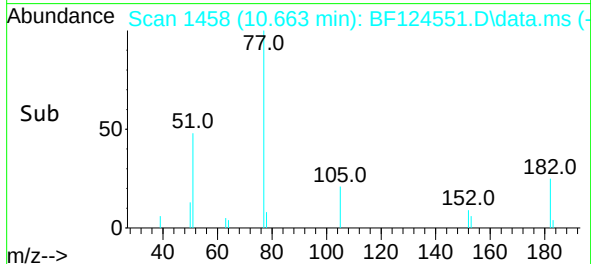
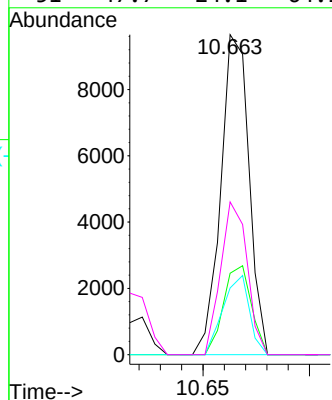
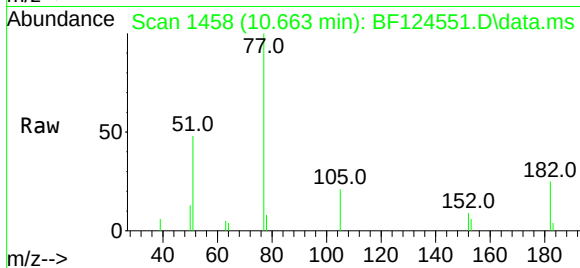




#63
Azobenzene
Concen: 9.185 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

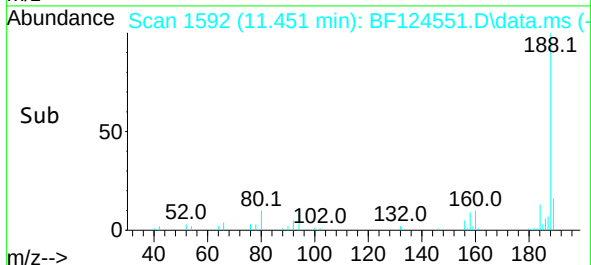
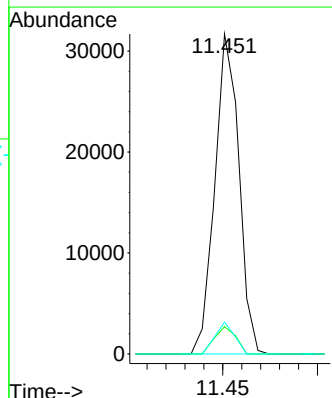
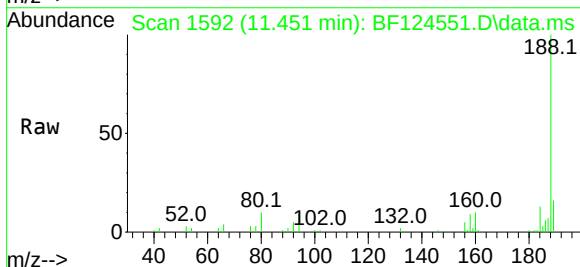
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

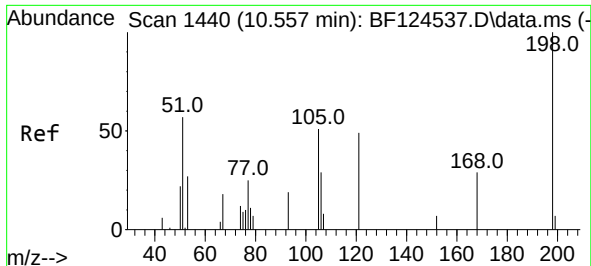
Tgt Ion: 77	Resp:	8902
Ion Ratio	Lower	Upper
77	100	
182	25.4	6.3 46.3
105	20.9	2.9 42.9
51	47.7	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion: 188	Resp:	28032
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.7 10.1
80	10.0	7.5 11.3

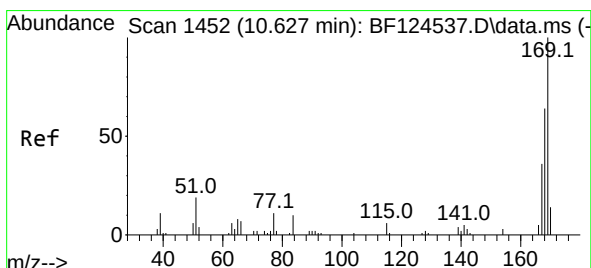
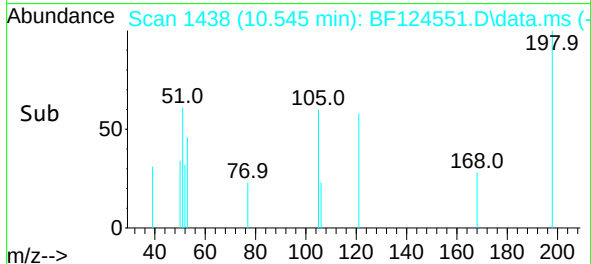
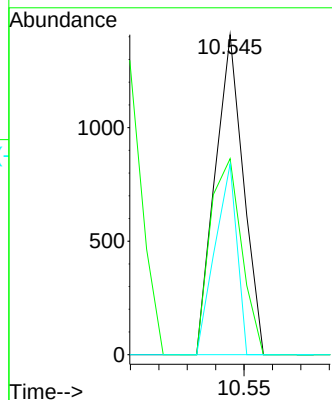
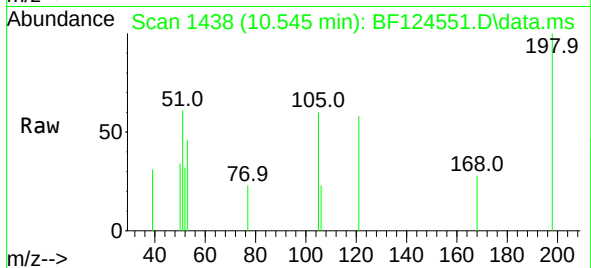




#65
4,6-Dinitro-2-methylphenol
Concen: 6.076 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

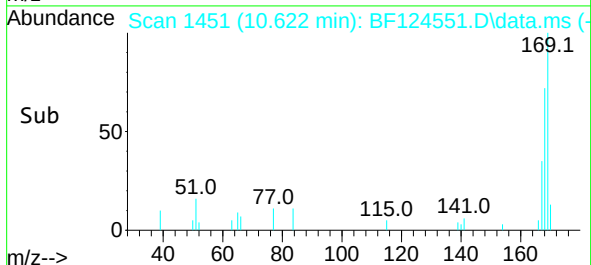
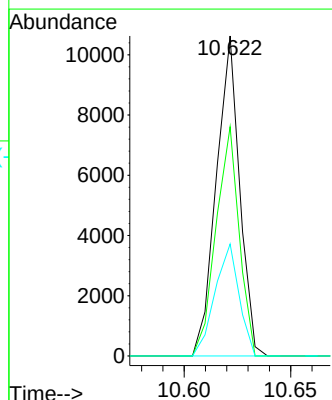
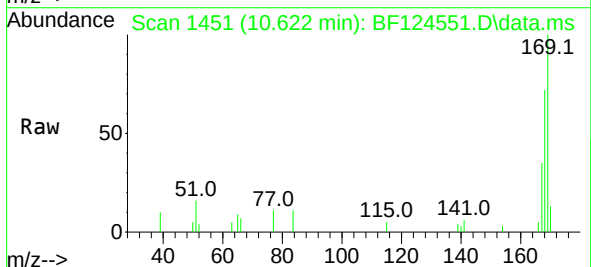
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

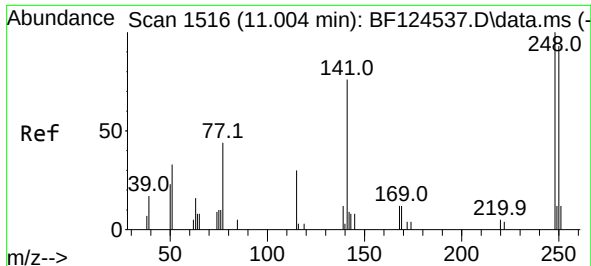
Tgt Ion:198 Resp: 973
Ion Ratio Lower Upper
198 100
51 61.2 45.3 85.3
105 59.6 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 8.861 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:169 Resp: 8088
Ion Ratio Lower Upper
169 100
168 71.7 50.8 76.2
167 35.0 28.8 43.2

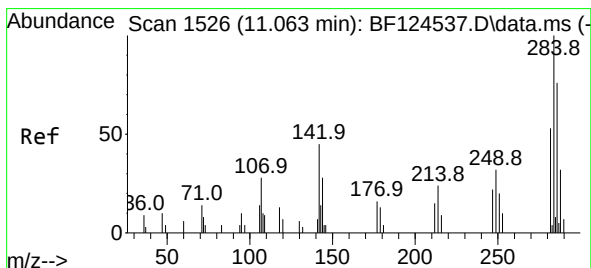
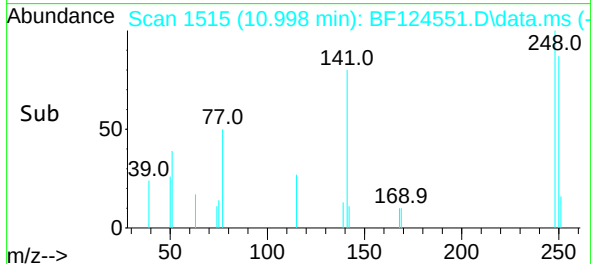
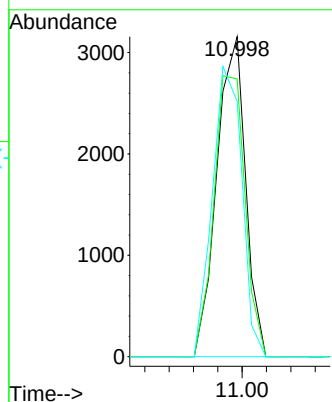
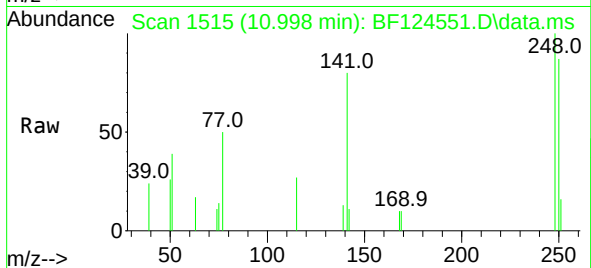




#67
4-Bromophenyl-phenylether
Concen: 8.925 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

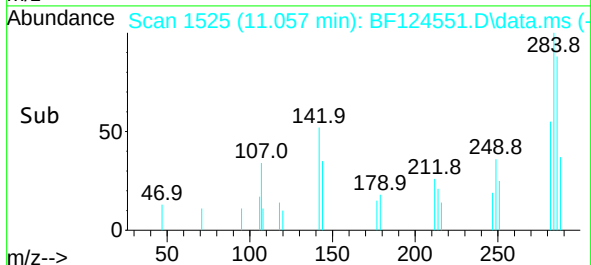
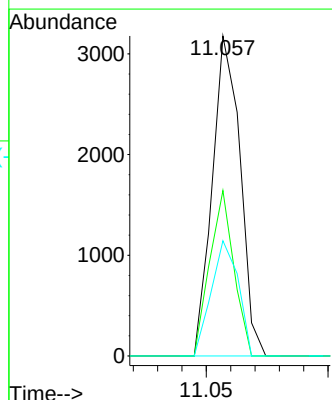
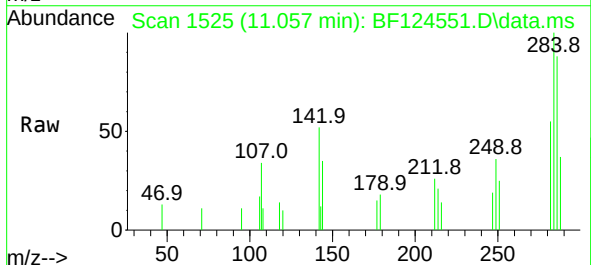
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

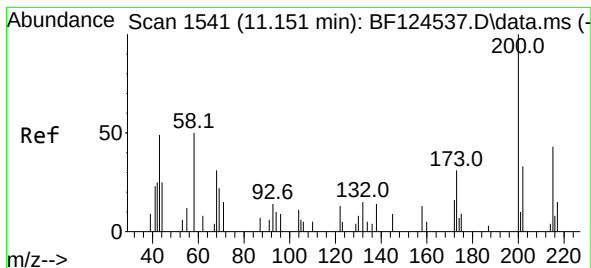
Tgt Ion:248 Resp: 2587
Ion Ratio Lower Upper
248 100
250 86.8 74.2 111.4
141 79.8 60.4 90.6



#68
Hexachlorobenzene
Concen: 8.492 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:284 Resp: 2522
Ion Ratio Lower Upper
284 100
142 51.7 36.4 54.6
249 36.0 25.6 38.4





#69

Atrazine

Concen: 9.744 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.012 min

Lab File: BF124551.D

Acq: 13 Jul 2021 18:04

Tgt Ion:200 Resp: 2724

Ion Ratio Lower Upper

200 100

173 30.7 11.1 51.1

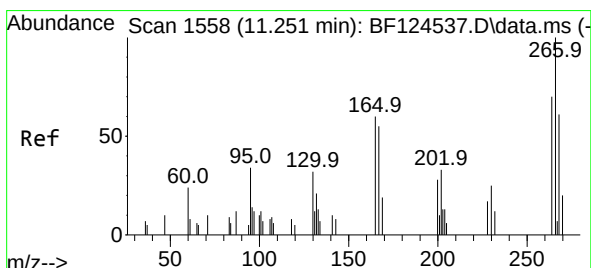
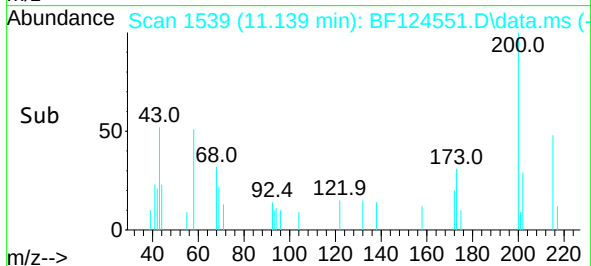
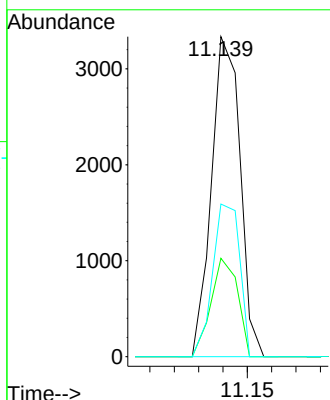
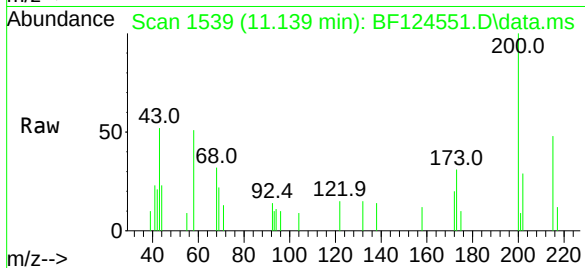
215 47.7 22.7 62.7

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#70

Pentachlorophenol

Concen: 8.949 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.006 min

Lab File: BF124551.D

Acq: 13 Jul 2021 18:04

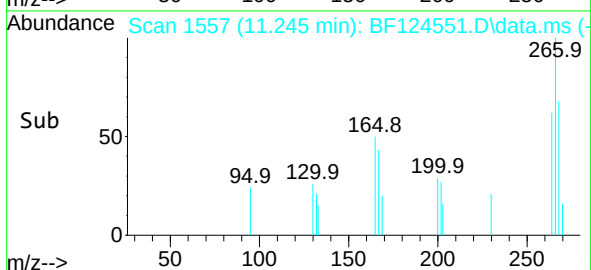
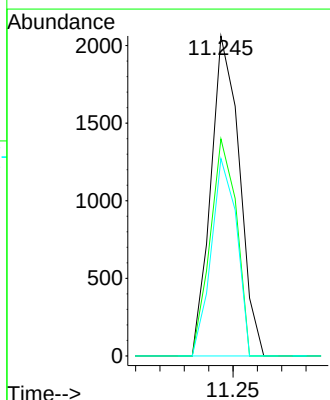
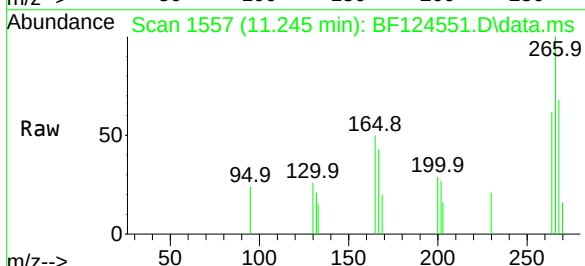
Tgt Ion:266 Resp: 1681

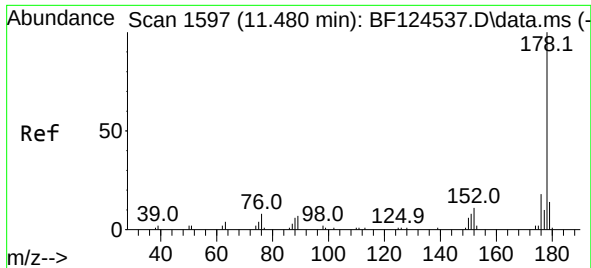
Ion Ratio Lower Upper

266 100

268 67.8 48.9 73.3

264 61.7 55.9 83.9

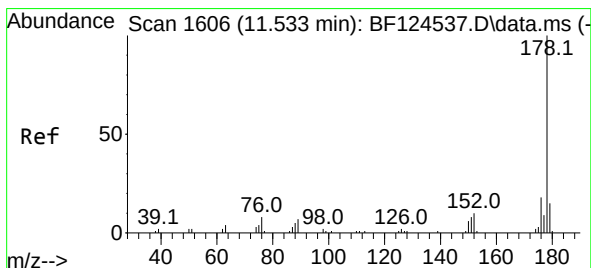
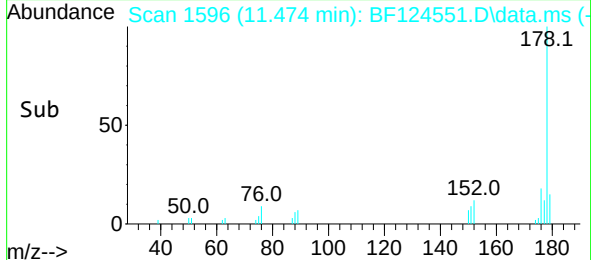
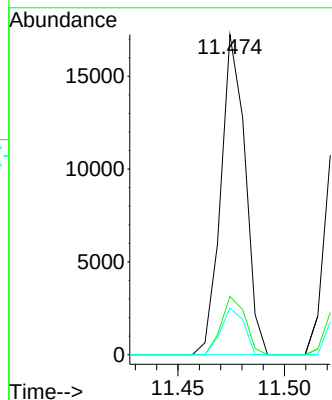
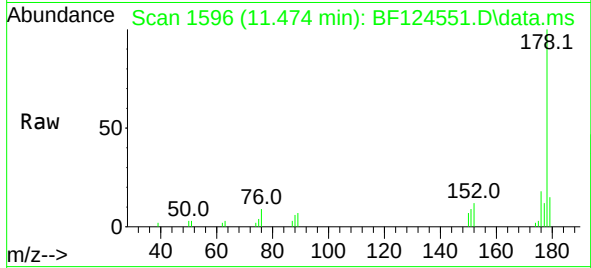




#71
Phenanthrene
Concen: 8.953 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

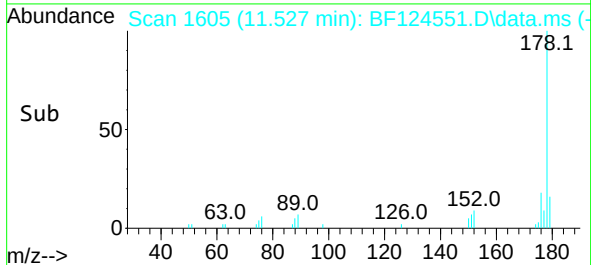
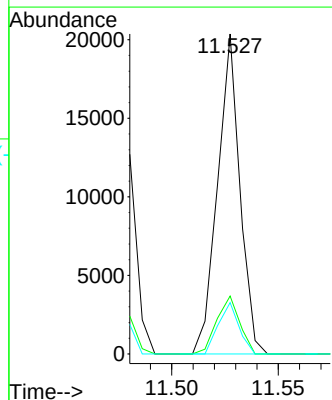
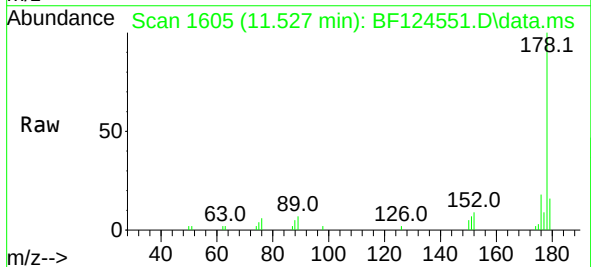
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

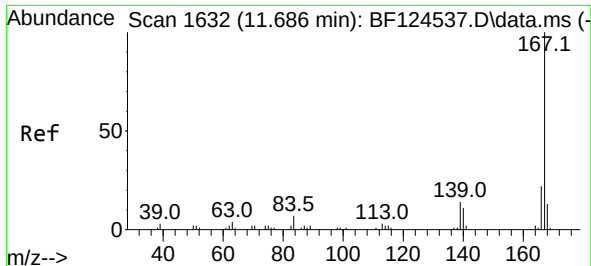
Tgt Ion:178 Resp: 13692
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 14.6 11.5 17.3



#72
Anthracene
Concen: 9.663 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

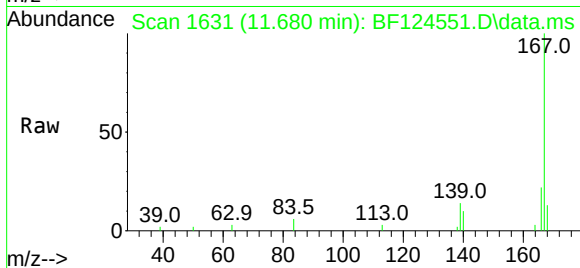
Tgt Ion:178 Resp: 14825
Ion Ratio Lower Upper
178 100
176 18.1 14.3 21.5
179 16.1 12.2 18.4



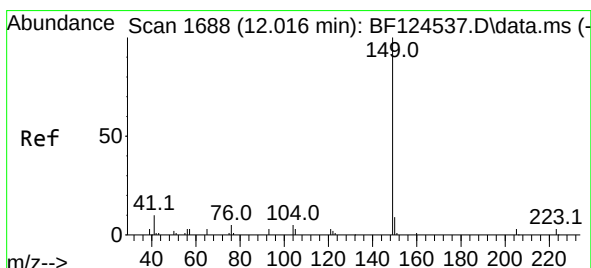
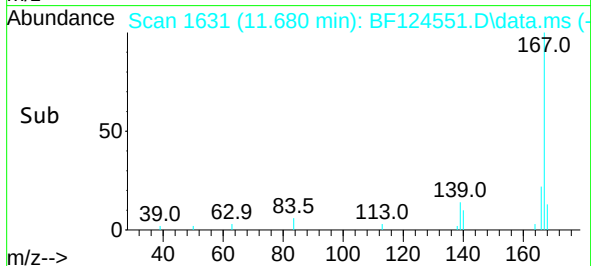
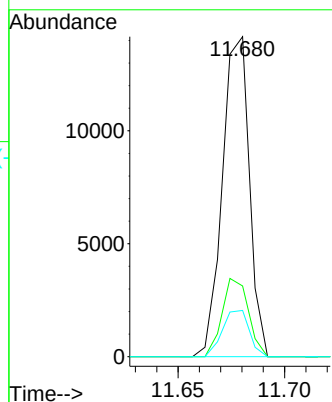


#73
Carbazole
Concen: 8.792 ng
RT: 11.680 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

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

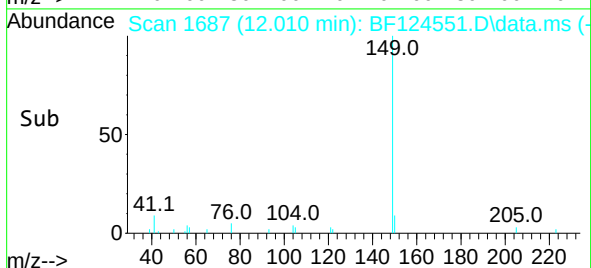
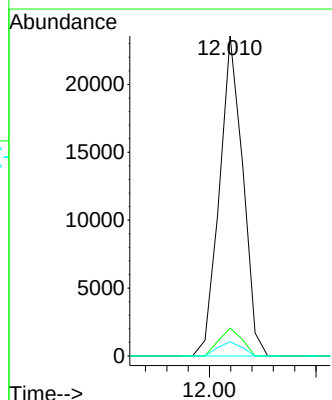
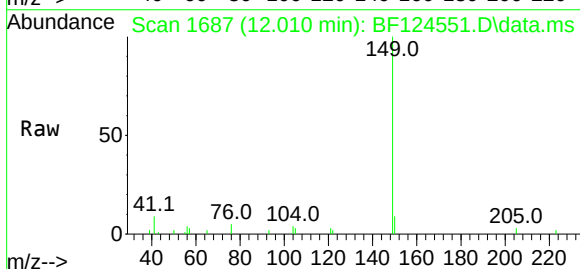


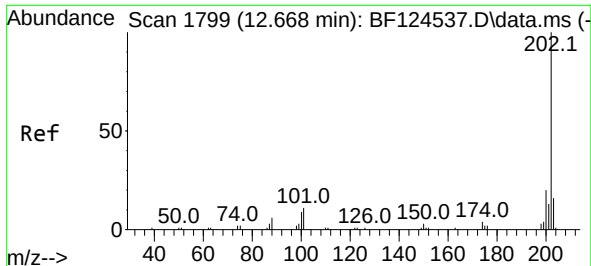
Tgt Ion:167 Resp: 12464
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 14.5 11.0 16.4



#74
Di-n-butylphthalate
Concen: 9.394 ng
RT: 12.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:149 Resp: 17941
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 4.5 4.1 6.1

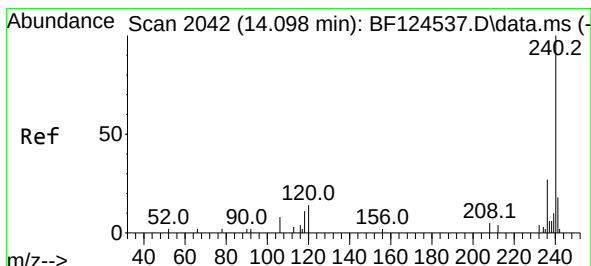
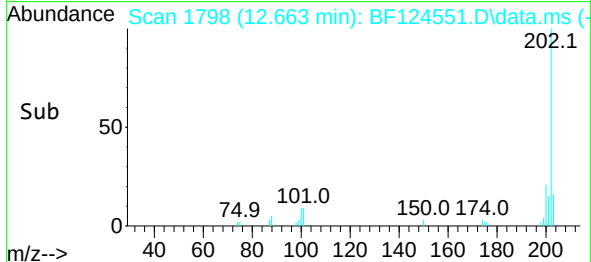
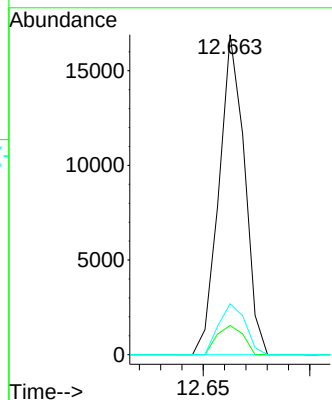
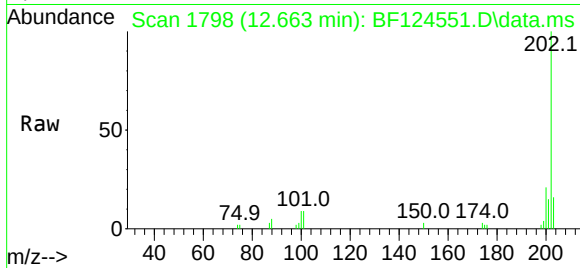




#75
Fluoranthene
Concen: 9.095 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

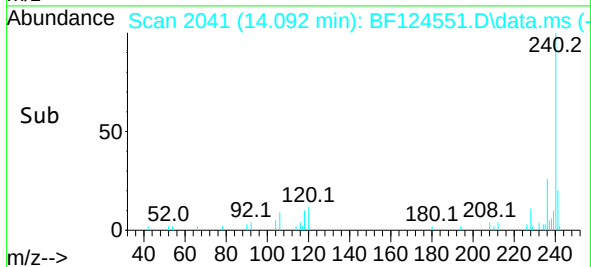
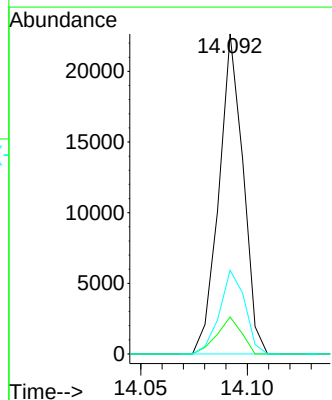
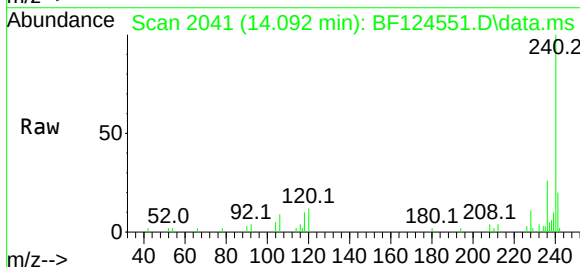
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

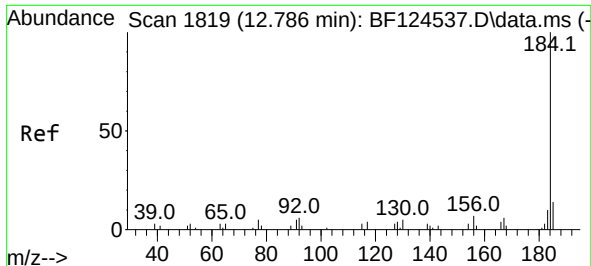
Tgt Ion:202	Resp:	14033
Ion Ratio	Lower	Upper
202	100	
101	9.2	0.0 30.7
203	15.9	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:240	Resp:	17849
Ion Ratio	Lower	Upper
240	100	
120	11.6	10.8 16.2
236	26.2	21.6 32.4

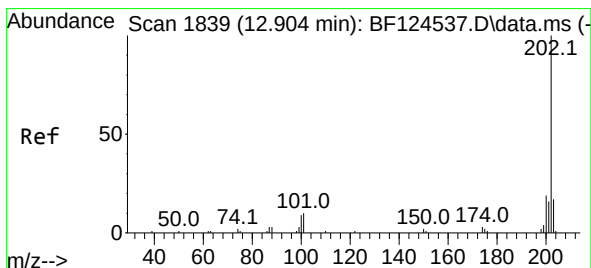
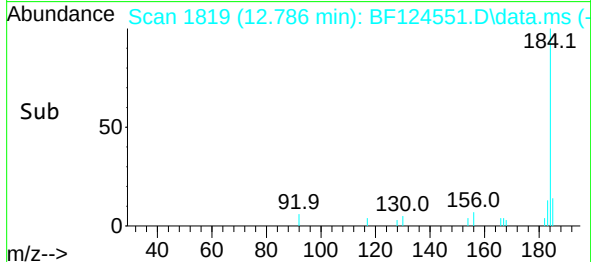
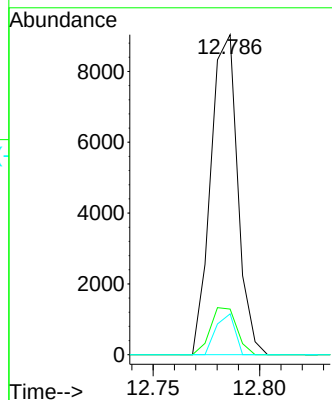
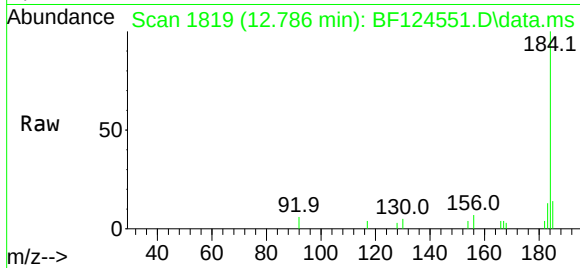




#77
Benzidine
Concen: 11.913 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

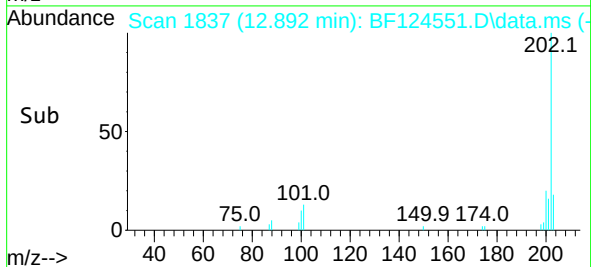
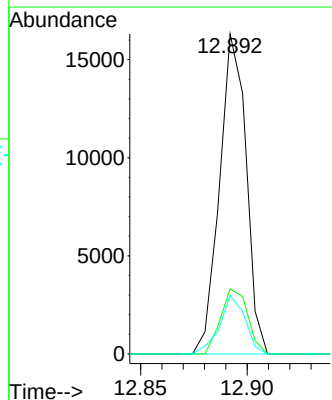
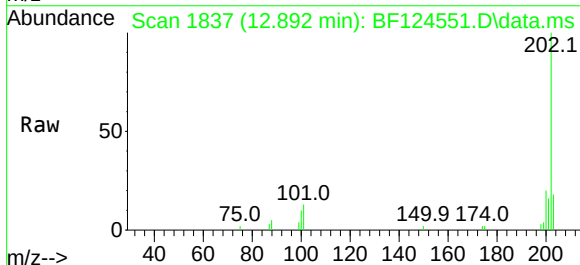
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

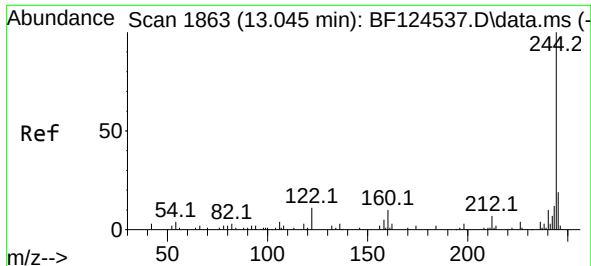
Tgt Ion:184 Resp: 7949
Ion Ratio Lower Upper
184 100
185 14.2 10.8 16.2
183 12.8 8.1 12.1#



#78
Pyrene
Concen: 9.532 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:202 Resp: 14135
Ion Ratio Lower Upper
202 100
200 20.3 15.3 22.9
203 18.2 13.4 20.0

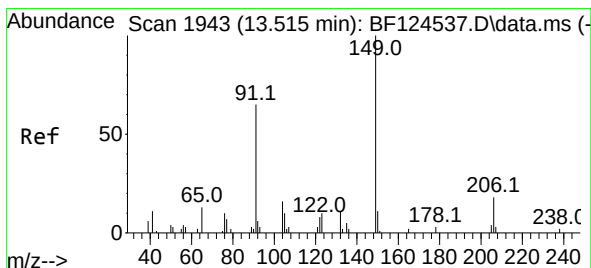
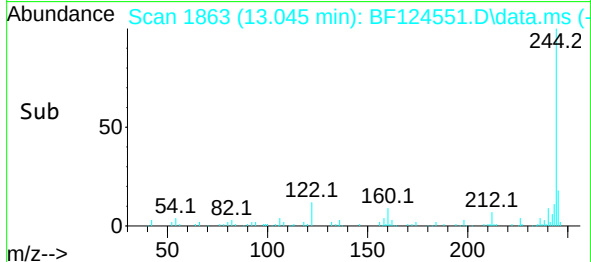
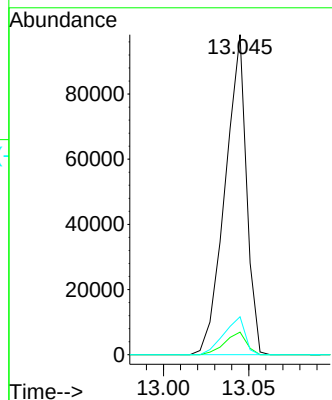
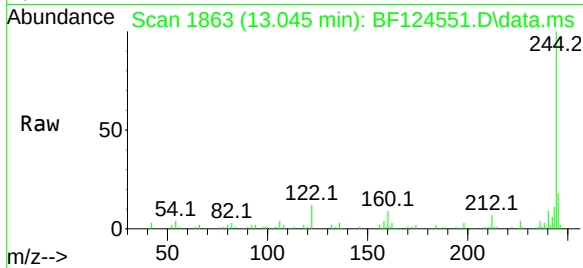




#79
 Terphenyl-d14
 Concen: 80.531 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF124551.D
 Acq: 13 Jul 2021 18:04

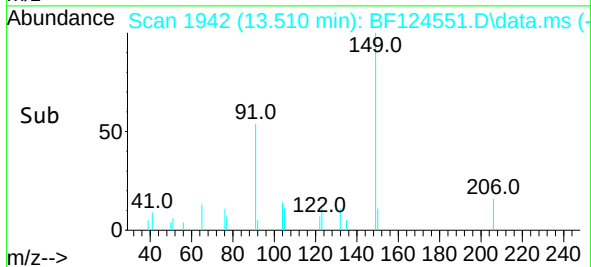
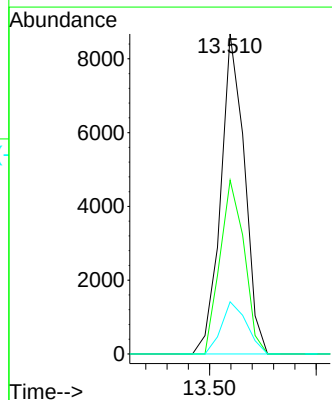
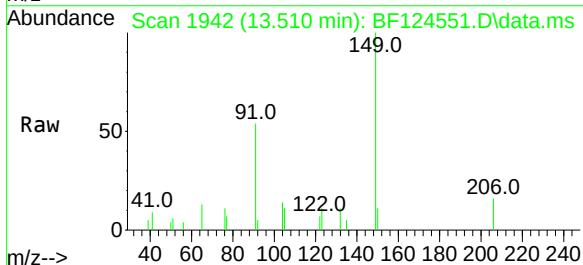
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

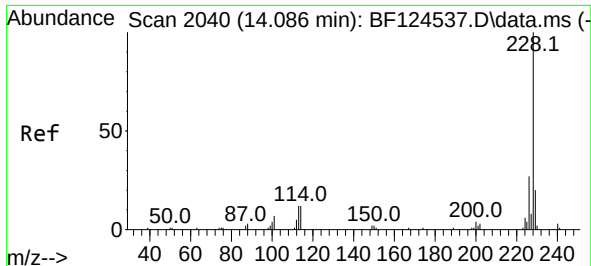
Tgt Ion:244	Resp:	85600
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.9 8.9
122	11.9	9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 9.389 ng
 RT: 13.510 min Scan# 1942
 Delta R.T. -0.006 min
 Lab File: BF124551.D
 Acq: 13 Jul 2021 18:04

Tgt Ion:149	Resp:	6732
Ion Ratio	Lower	Upper
149	100	
91	54.3	51.8 77.8
206	16.3	14.5 21.7

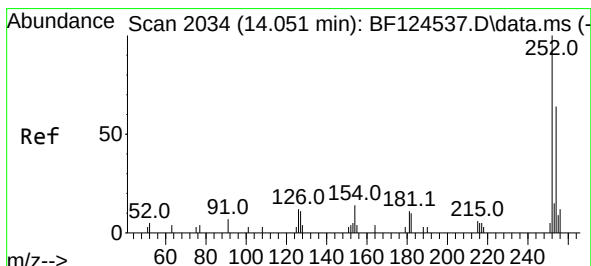
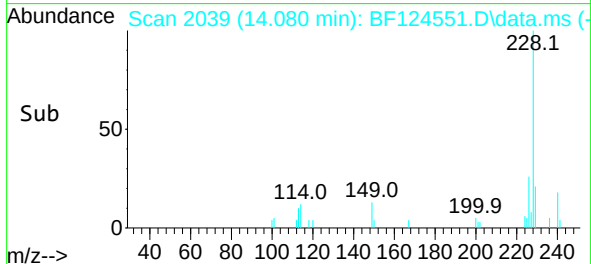
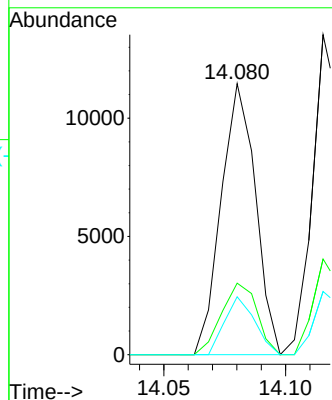
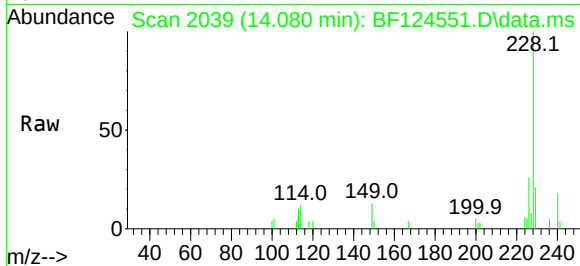




#81
Benzo(a)anthracene
Concen: 9.483 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

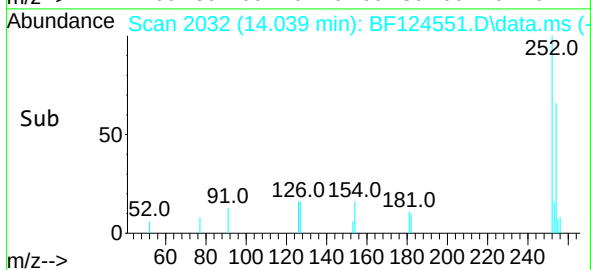
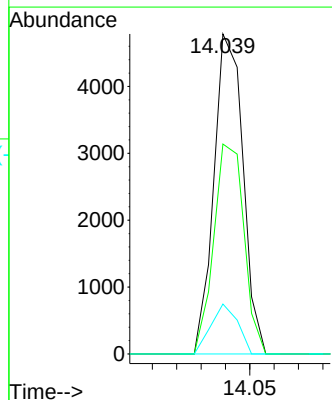
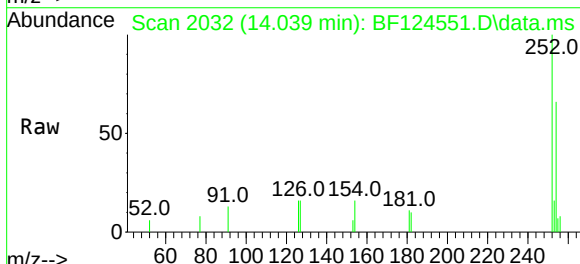
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

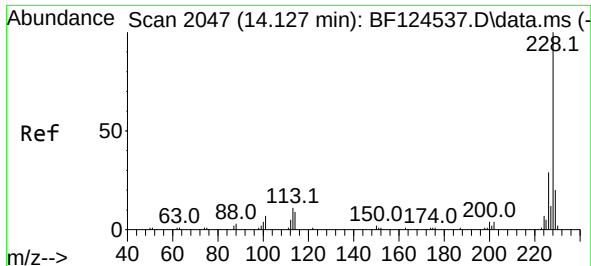
Tgt Ion:228	Resp:	11226
Ion Ratio	Lower	Upper
228	100	
226	26.4	21.6 32.4
229	21.4	15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 12.816 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:252	Resp:	3974
Ion Ratio	Lower	Upper
252	100	
254	65.6	51.4 77.0
126	15.6	9.5 14.3#

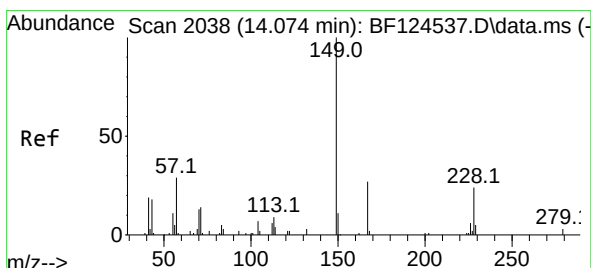
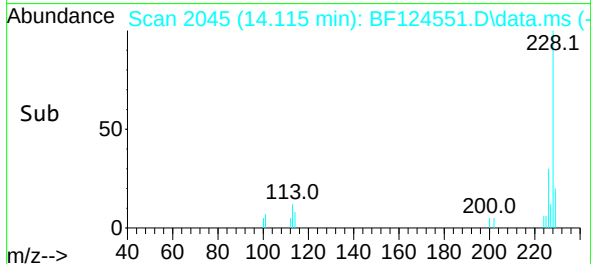
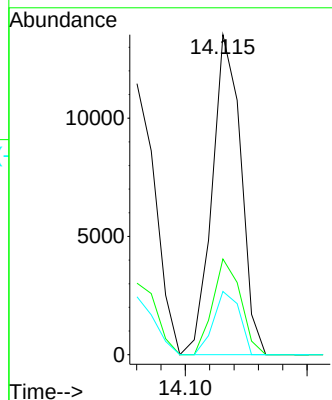
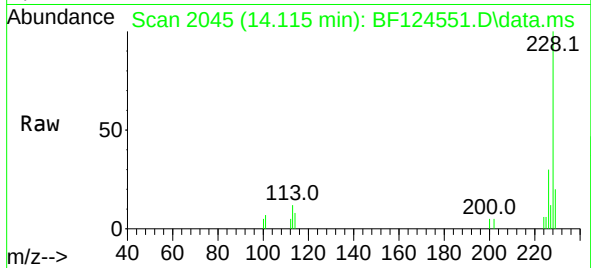




#83
Chrysene
Concen: 9.788 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

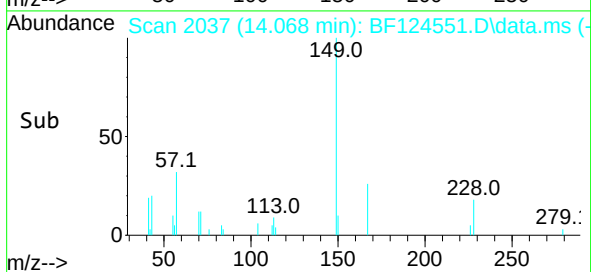
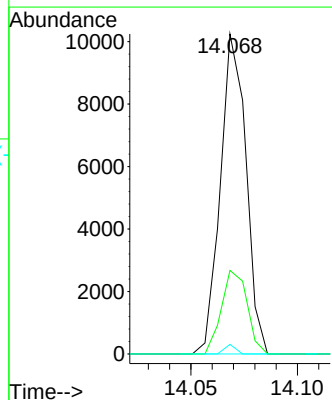
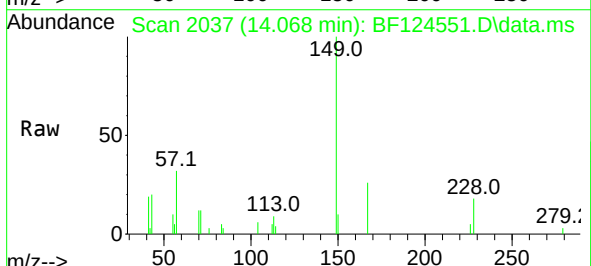
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

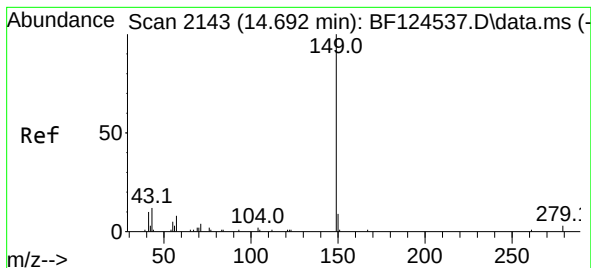
Tgt Ion:228 Resp: 11100
Ion Ratio Lower Upper
228 100
226 29.9 22.6 34.0
229 19.7 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.887 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:149 Resp: 8555
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.0
279 3.0 2.6 4.0

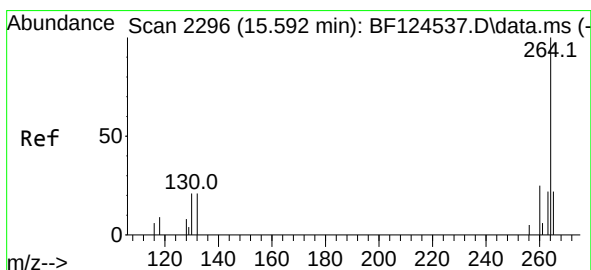
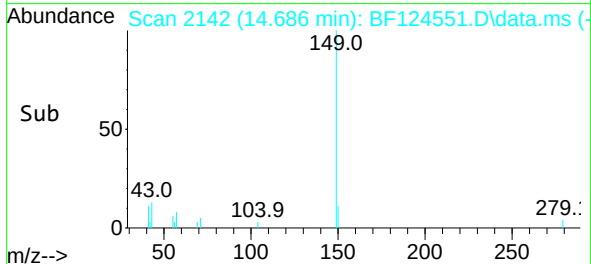
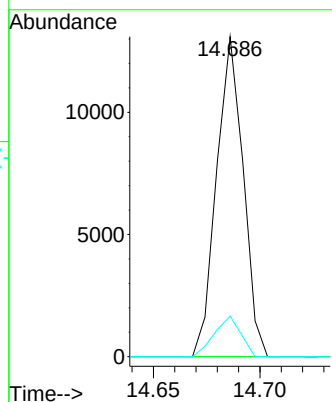
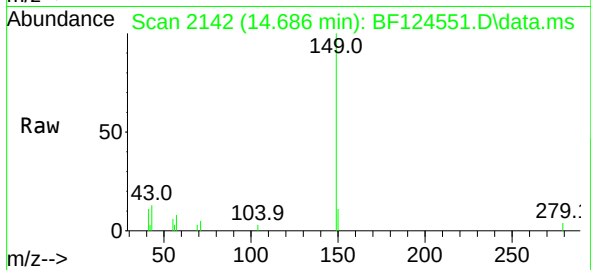




#85
Di-n-octyl phthalate
Concen: 8.175 ng
RT: 14.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

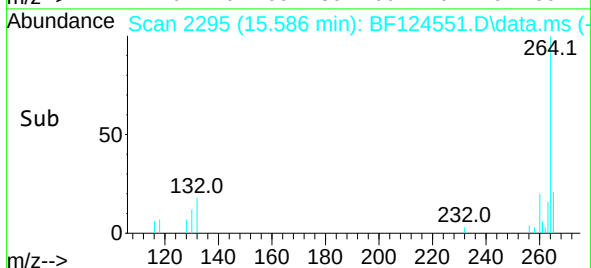
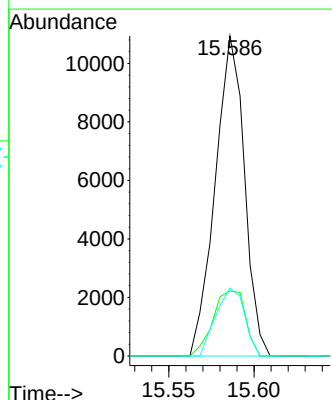
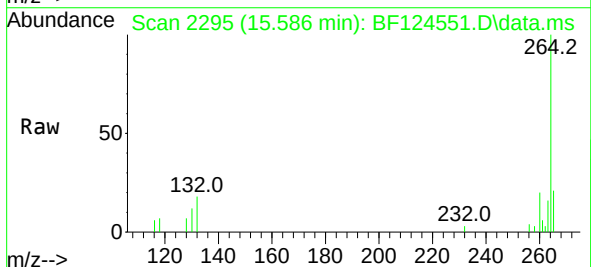
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

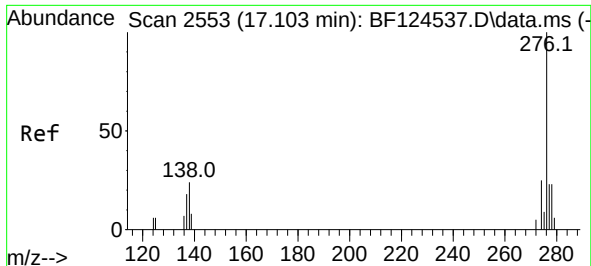
Tgt Ion:149 Resp: 11388
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 12.5 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:264 Resp: 13020
Ion Ratio Lower Upper
264 100
260 20.3 19.6 29.4
265 21.2 17.2 25.8

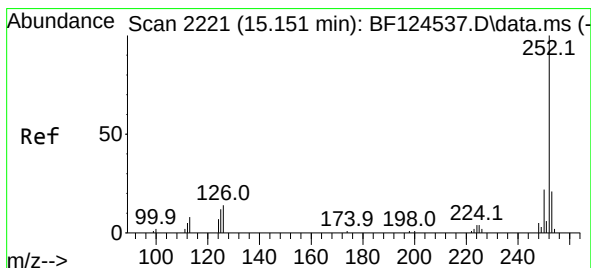
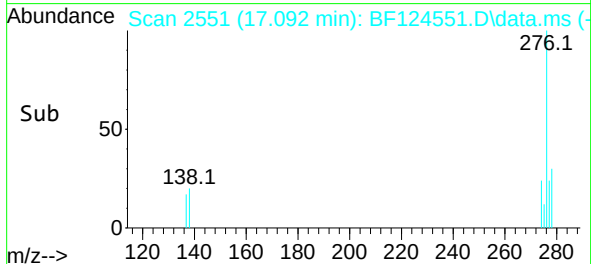
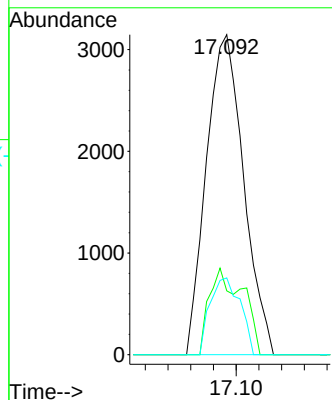
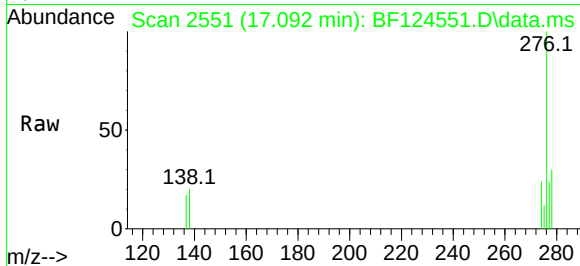




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.502 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.012 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

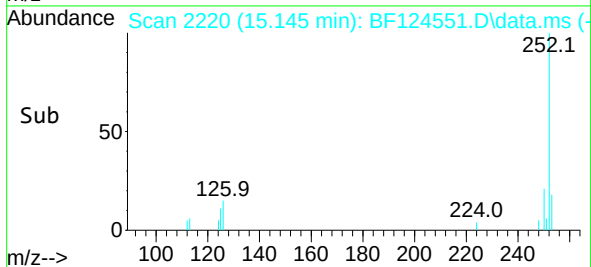
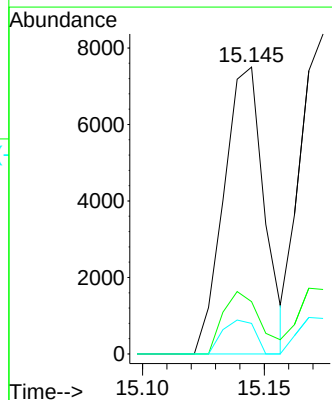
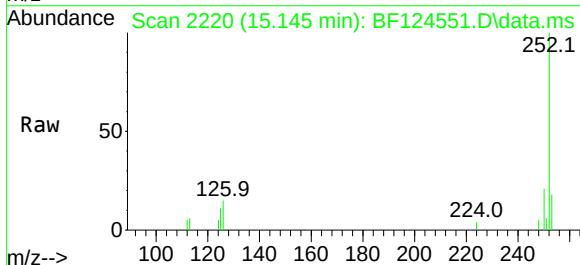
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2021

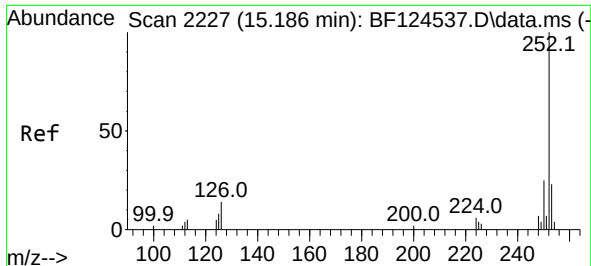
Tgt Ion:276 Resp: 7175
Ion Ratio Lower Upper
276 100
138 24.1 24.1 36.1
277 19.4 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 9.275 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:252 Resp: 8668
Ion Ratio Lower Upper
252 100
253 18.2 16.8 25.2
125 10.6 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 10.109 ng

RT: 15.145 min Scan# 2220

Delta R.T. -0.041 min

Lab File: BF124551.D

Acq: 13 Jul 2021 18:04

Tgt Ion:252 Resp: 8668

Ion Ratio Lower Upper

252 100

253 18.2 17.8 26.8

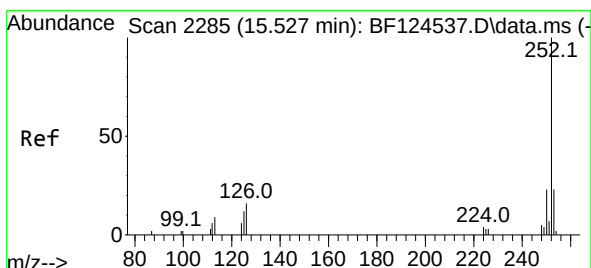
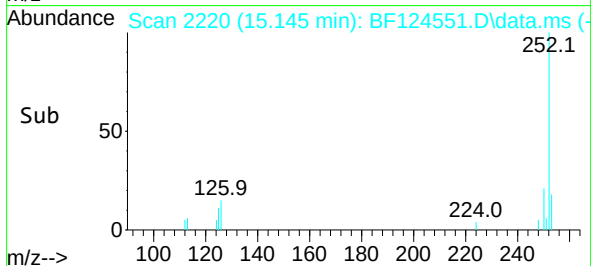
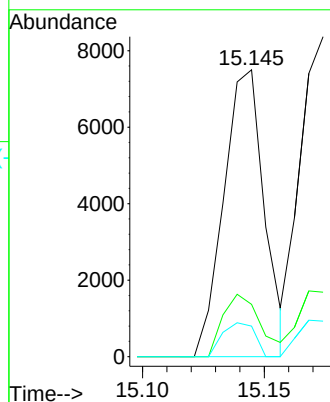
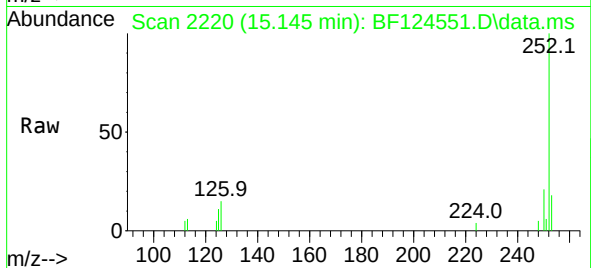
125 10.6 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#90

Benzo(a)pyrene

Concen: 9.856 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.012 min

Lab File: BF124551.D

Acq: 13 Jul 2021 18:04

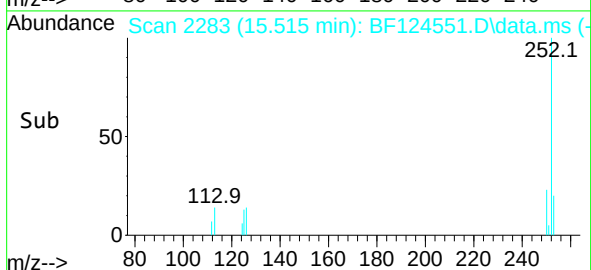
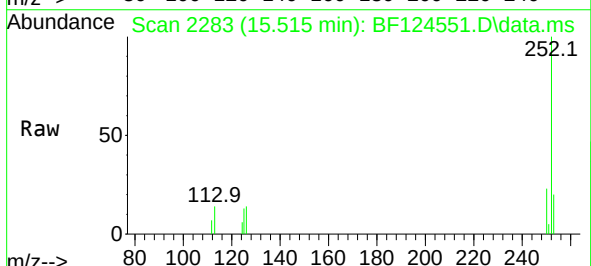
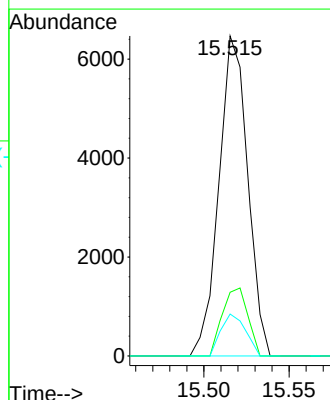
Tgt Ion:252 Resp: 7603

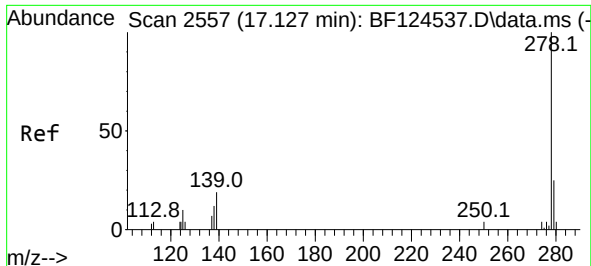
Ion Ratio Lower Upper

252 100

253 19.9 18.4 27.6

125 13.1 9.9 14.9

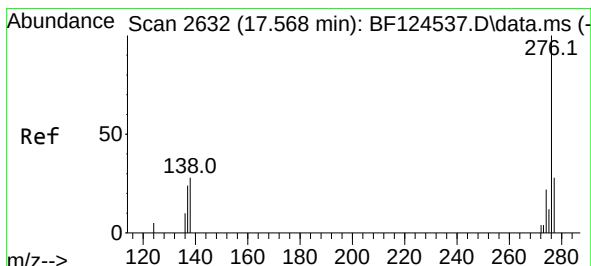
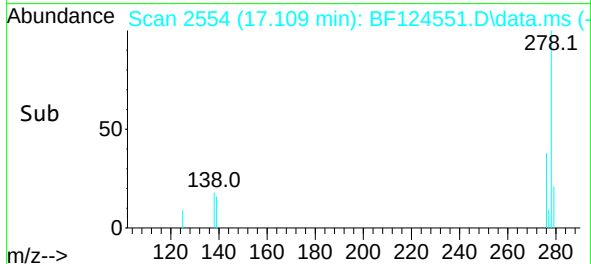
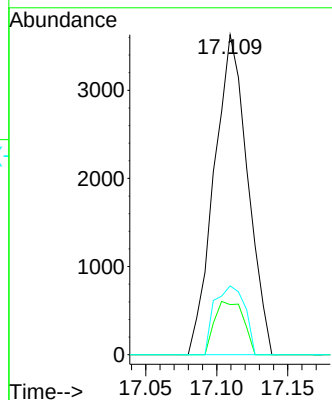
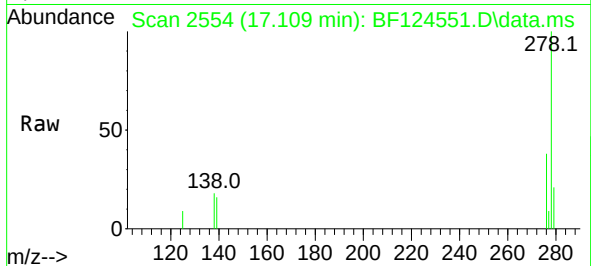




#91
Dibenzo(a,h)anthracene
Concen: 9.257 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.018 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

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

Tgt Ion:278 Resp: 5950
Ion Ratio Lower Upper
278 100
139 15.6 14.9 22.3
279 21.5 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 9.842 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.029 min
Lab File: BF124551.D
Acq: 13 Jul 2021 18:04

Tgt Ion:276 Resp: 6176
Ion Ratio Lower Upper
276 100
277 23.1 22.0 33.0
138 23.9 22.2 33.4

