

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127663.D
 Acq On : 06 Apr 2022 22:33
 Operator : CG\JU
 Sample : N2229-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMMS

Quant Time: Apr 07 02:40:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	96433	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	359074	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	206878	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	401570	20.000	ng	0.00
76) Chrysene-d12	14.157	240	330803	20.000	ng	0.00
86) Perylene-d12	15.680	264	292259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	731050	123.183	ng	0.00
7) Phenol-d6	6.581	99	880573	113.420	ng	0.00
23) Nitrobenzene-d5	7.528	82	727879	90.371	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	308381	140.078	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1245179	85.147	ng	0.00
79) Terphenyl-d14	13.098	244	1683293	83.991	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	120262	42.723	ng	86
3) Pyridine	3.645	79	251804	33.963	ng	85
4) n-Nitrosodimethylamine	3.610	42	184538	46.282	ng	# 99
6) Aniline	6.628	93	224798	24.277	ng	94
8) 2-Chlorophenol	6.745	128	302137	50.188	ng	98
9) Benzaldehyde	6.516	77	110915	25.657	ng	98
10) Phenol	6.592	94	331709	42.728	ng	98
11) bis(2-Chloroethyl)ether	6.698	93	316611	49.385	ng	94
12) 1,3-Dichlorobenzene	6.904	146	317682	46.182	ng	98
13) 1,4-Dichlorobenzene	6.986	146	320557	46.099	ng	99
14) 1,2-Dichlorobenzene	7.133	146	311242	46.826	ng	98
15) Benzyl Alcohol	7.104	79	308352	45.430	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.233	45	481187	47.549	ng	99
17) 2-Methylphenol	7.204	107	250720	47.878	ng	98
18) Hexachloroethane	7.481	117	120811	45.531	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	247512	49.291	ng	96
20) 3+4-Methylphenols	7.357	107	315900	47.338	ng	# 57
22) Acetophenone	7.375	105	443481	45.962	ng	# 84
24) Nitrobenzene	7.551	77	373284	47.810	ng	97
25) Isophorone	7.786	82	697219	49.609	ng	98
26) 2-Nitrophenol	7.863	139	140891	50.213	ng	95
27) 2,4-Dimethylphenol	7.892	122	284222	51.737	ng	93
28) bis(2-Chloroethoxy)met...	7.992	93	395469	45.635	ng	98
29) 2,4-Dichlorophenol	8.098	162	270403	45.692	ng	96
30) 1,2,4-Trichlorobenzene	8.186	180	300120	44.065	ng	97
31) Naphthalene	8.275	128	877075	46.614	ng	98
32) Benzoic acid	7.992	122	171990	43.152	ng	98
33) 4-Chloroaniline	8.316	127	96314	12.998	ng	92
34) Hexachlorobutadiene	8.386	225	198838	42.441	ng	96
35) Caprolactam	8.680	113	38365	21.934	ng	# 76
36) 4-Chloro-3-methylphenol	8.786	107	298861	48.169	ng	97
37) 2-Methylnaphthalene	8.963	142	591896	47.034	ng	98
38) 1-Methylnaphthalene	9.063	142	571462	47.047	ng	99
40) 1,2,4,5-Tetrachloroben...	9.127	216	304641	44.896	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	387437	94.789	ng	97
43) 2,4,6-Trichlorophenol	9.239	196	205219	44.548	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127663.D
 Acq On : 06 Apr 2022 22:33
 Operator : CG\JU
 Sample : N2229-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

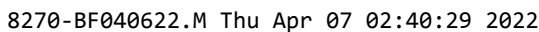
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMMS

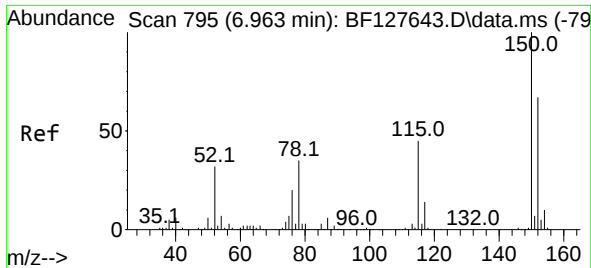
Quant Time: Apr 07 02:40:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	220448	47.424	ng	97
46) 1,1'-Biphenyl	9.427	154	743813	47.012	ng	99
47) 2-Chloronaphthalene	9.457	162	580911	46.202	ng	99
48) 2-Nitroaniline	9.551	65	204139	52.276	ng	93
49) Acenaphthylene	9.874	152	961626	50.282	ng	99
50) Dimethylphthalate	9.733	163	739576	49.319	ng	100
51) 2,6-Dinitrotoluene	9.792	165	152047	53.791	ng	96
52) Acenaphthene	10.045	154	639197	53.051	ng	98
53) 3-Nitroaniline	9.963	138	91500	30.642	ng	92
54) 2,4-Dinitrophenol	10.069	184	142202	100.076	ng	92
55) Dibenzofuran	10.222	168	828280	47.108	ng	97
56) 4-Nitrophenol	10.110	139	232311	99.047	ng	90
57) 2,4-Dinitrotoluene	10.198	165	206874	59.032	ng	# 83
58) Fluorene	10.563	166	641980	49.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	191589	47.299	ng	96
60) Diethylphthalate	10.433	149	701024	48.853	ng	98
61) 4-Chlorophenyl-phenyle...	10.551	204	333483	46.719	ng	96
62) 4-Nitroaniline	10.580	138	150261	53.429	ng	91
63) Azobenzene	10.716	77	754886	47.078	ng	96
65) 4,6-Dinitro-2-methylph...	10.604	198	90039	46.422	ng	90
66) n-Nitrosodiphenylamine	10.674	169	571812	45.212	ng	98
67) 4-Bromophenyl-phenylether	11.045	248	220826	45.311	ng	# 92
68) Hexachlorobenzene	11.110	284	241531	45.336	ng	97
69) Atrazine	11.198	200	213616	50.836	ng	97
70) Pentachlorophenol	11.304	266	289513	90.987	ng	97
71) Phenanthrene	11.533	178	1014333	47.674	ng	100
72) Anthracene	11.580	178	1015122	48.233	ng	99
73) Carbazole	11.733	167	943883	47.862	ng	99
74) Di-n-butylphthalate	12.063	149	1127325	47.819	ng	99
75) Fluoranthene	12.721	202	1186186	51.090	ng	98
77) Benzidine	12.839	184	110647	12.815	ng	99
78) Pyrene	12.957	202	1222511	43.764	ng	100
80) Butylbenzylphthalate	13.568	149	486662	46.791	ng	95
81) Benzo(a)anthracene	14.145	228	1060561	48.002	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	251154	36.463	ng	98
83) Chrysene	14.186	228	992490	46.797	ng	100
84) Bis(2-ethylhexyl)phtha...	14.127	149	676089	46.117	ng	96
85) Di-n-octyl phthalate	14.751	149	1068600	49.851	ng	95
87) Indeno(1,2,3-cd)pyrene	17.250	276	971482	53.202	ng	100
88) Benzo(b)fluoranthene	15.227	252	923307	49.109	ng	99
89) Benzo(k)fluoranthene	15.262	252	927403	49.735	ng	99
90) Benzo(a)pyrene	15.615	252	879840	57.576	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	842942	56.975	ng	98
92) Benzo(g,h,i)perylene	17.733	276	844862	55.702	ng	99

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

Quant Time: Apr 07 02:40:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

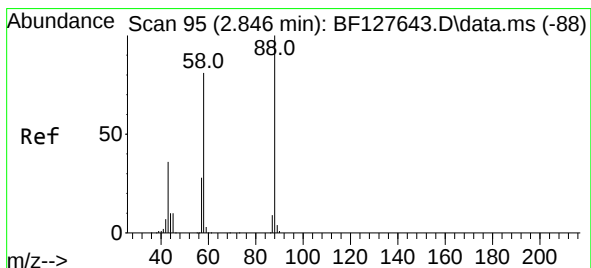
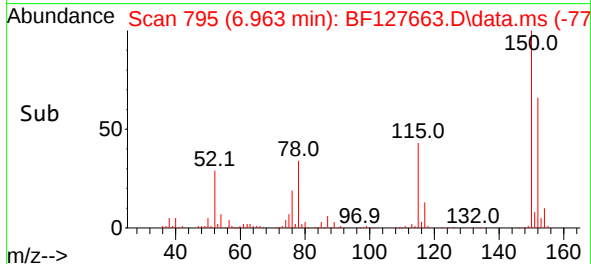
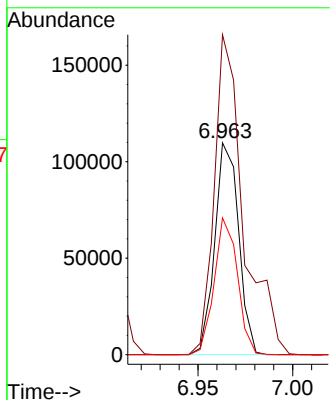
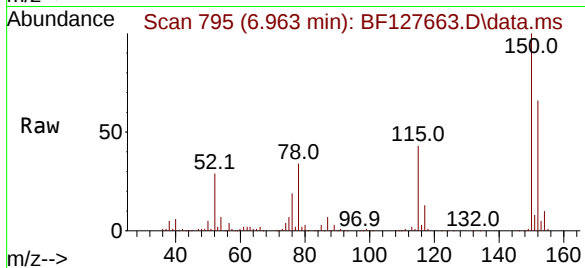




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

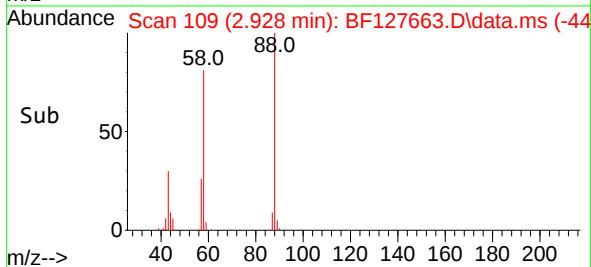
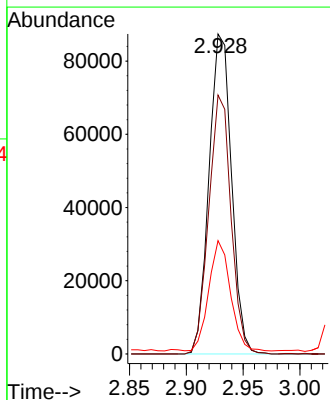
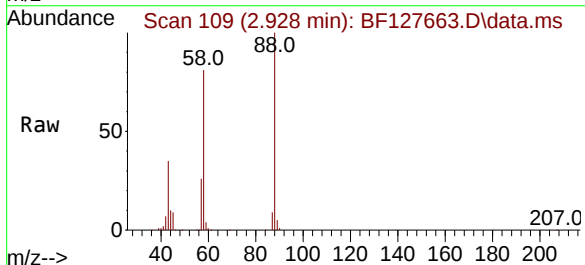
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMMS

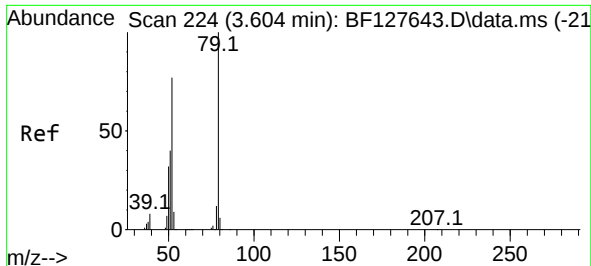
Tgt Ion:152 Resp: 96433
 Ion Ratio Lower Upper
 152 100
 150 151.0 117.2 175.8
 115 64.6 49.8 74.6



#2
 1,4-Dioxane
 Concen: 42.723 ng
 RT: 2.928 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

Tgt Ion: 88 Resp: 120262
 Ion Ratio Lower Upper
 88 100
 58 80.2 77.0 115.4
 43 33.1 31.3 46.9





#3

Pyridine

Concen: 33.963 ng

RT: 3.645 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

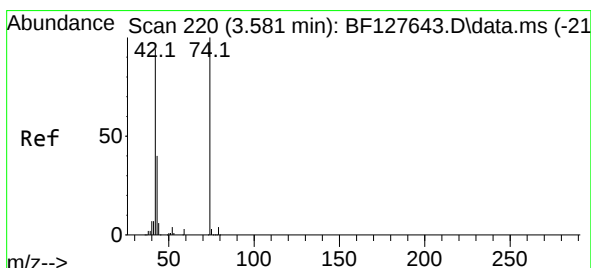
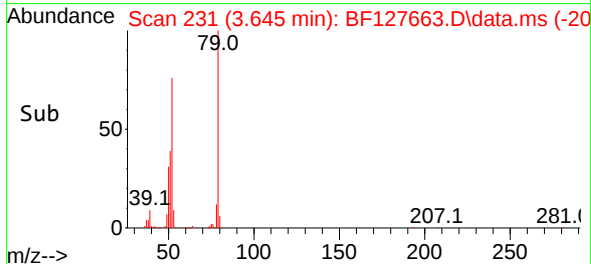
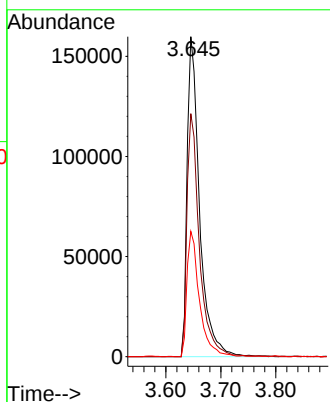
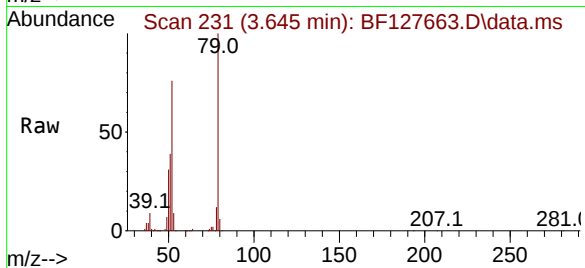
Tgt Ion: 79 Resp: 251804

Ion Ratio Lower Upper

79 100

52 75.9 74.2 111.4

51 39.2 36.7 55.1



#4

n-Nitrosodimethylamine

Concen: 46.282 ng

RT: 3.610 min Scan# 225

Delta R.T. 0.029 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

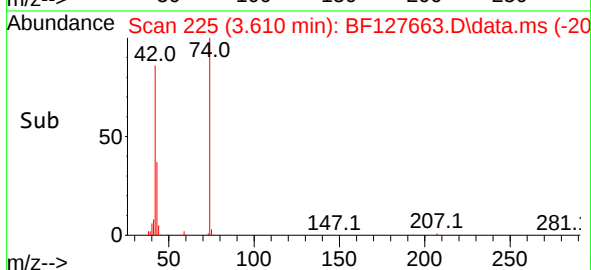
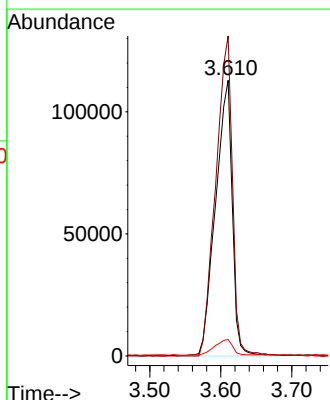
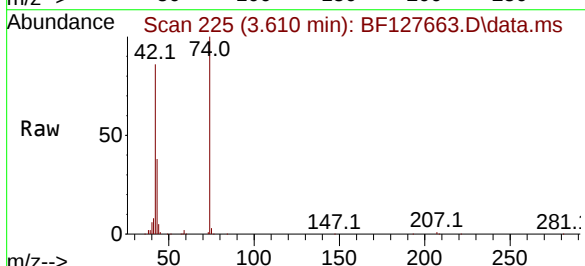
Tgt Ion: 42 Resp: 184538

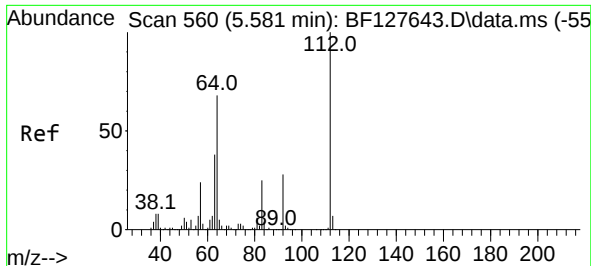
Ion Ratio Lower Upper

42 100

74 116.1 92.4 138.6

44 6.0 6.0 9.0#

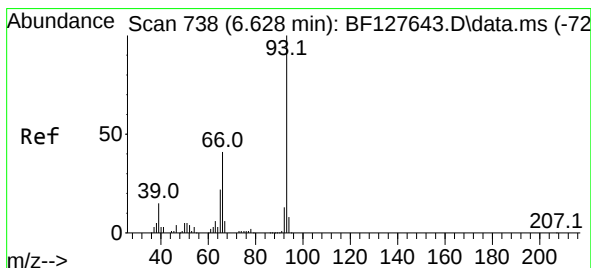
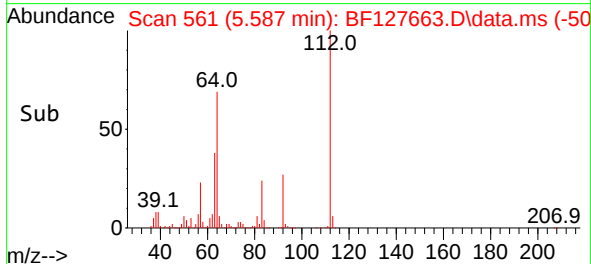
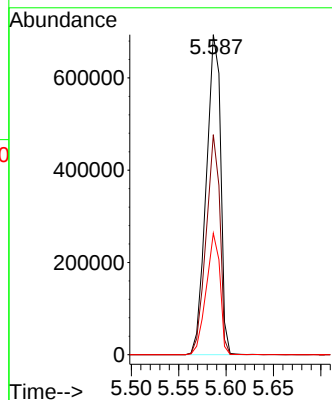
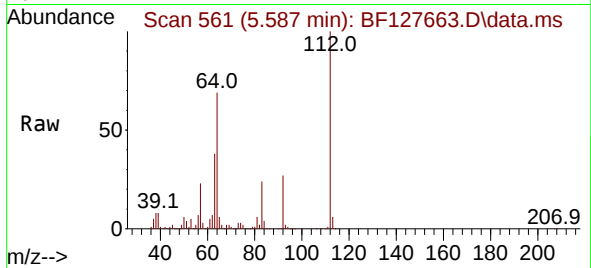




#5
2-Fluorophenol
Concen: 123.183 ng
RT: 5.587 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

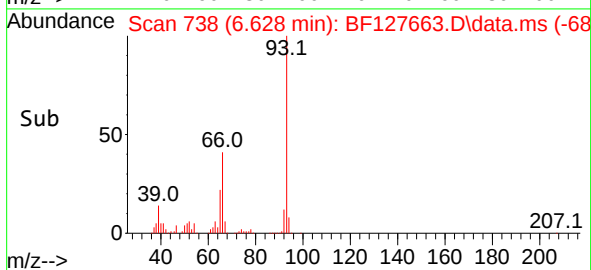
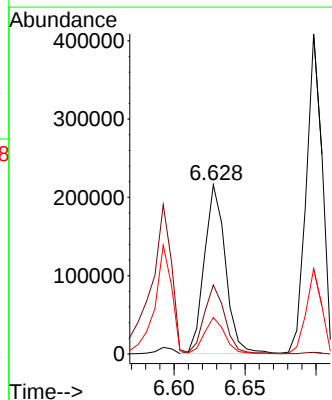
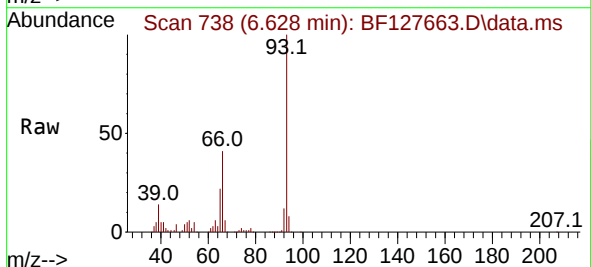
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

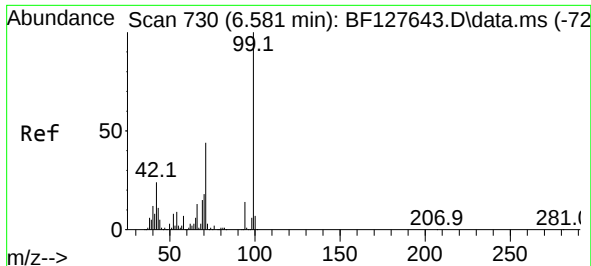
Tgt Ion:112 Resp: 731050
Ion Ratio Lower Upper
112 100
64 68.7 58.4 87.6
63 37.9 30.1 45.1



#6
Aniline
Concen: 24.277 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion: 93 Resp: 224798
Ion Ratio Lower Upper
93 100
66 40.8 36.2 54.4
65 21.6 18.4 27.6

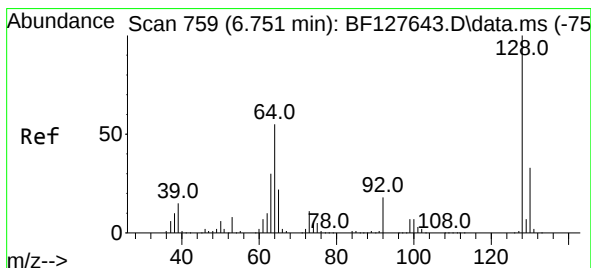
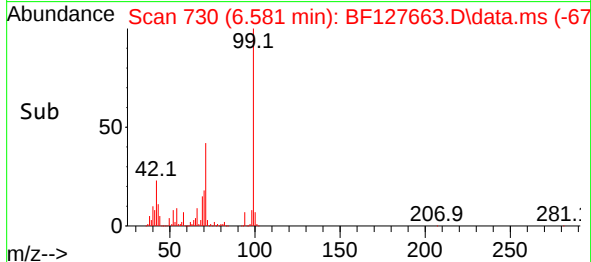
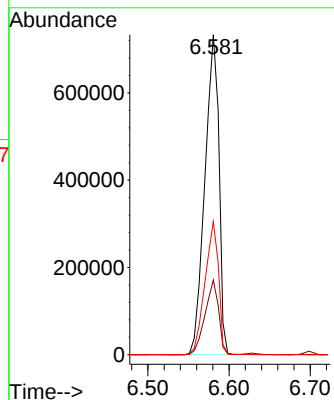
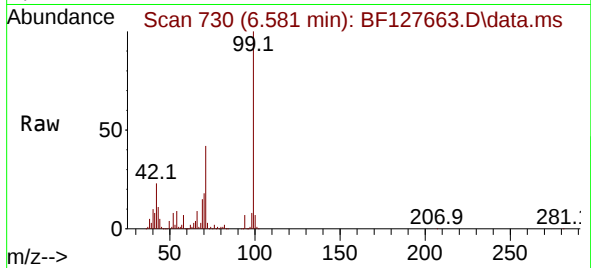




#7
Phenol-d6
Concen: 113.420 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

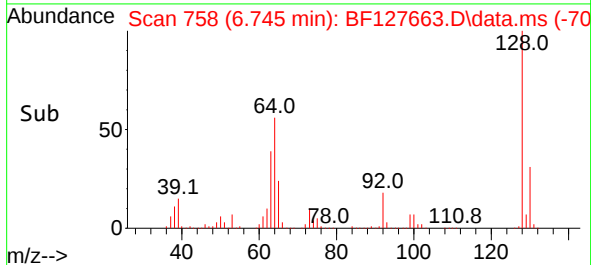
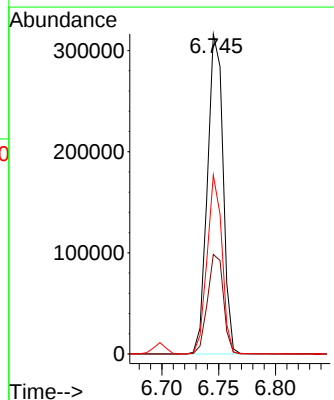
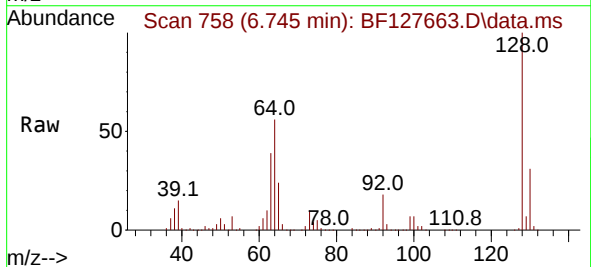
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

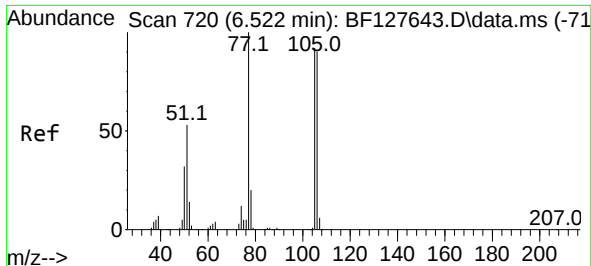
Tgt Ion: 99 Resp: 880573
Ion Ratio Lower Upper
99 100
42 23.4 17.8 26.6
71 41.6 29.6 44.4



#8
2-Chlorophenol
Concen: 50.188 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion: 128 Resp: 302137
Ion Ratio Lower Upper
128 100
130 31.1 11.3 51.3
64 55.9 38.4 78.4

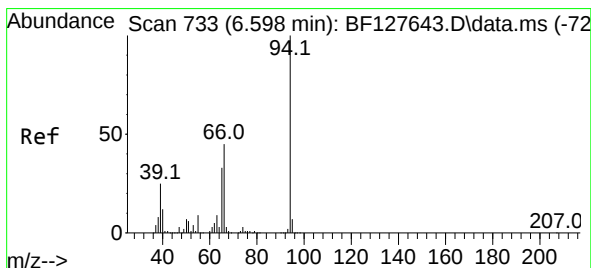
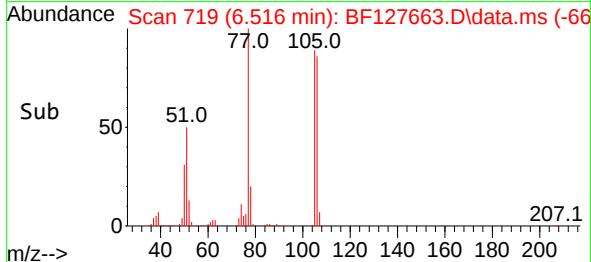
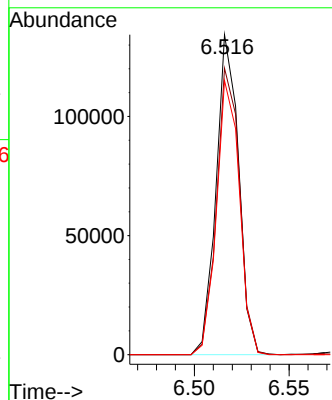
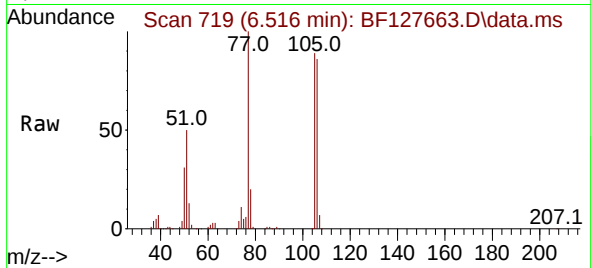




#9
Benzaldehyde
Concen: 25.657 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

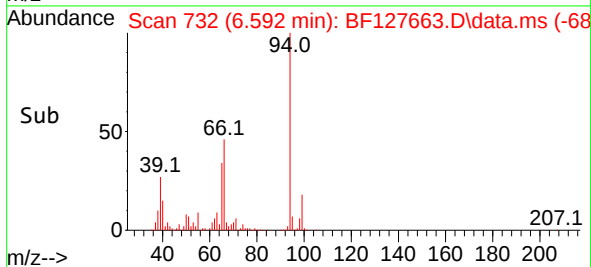
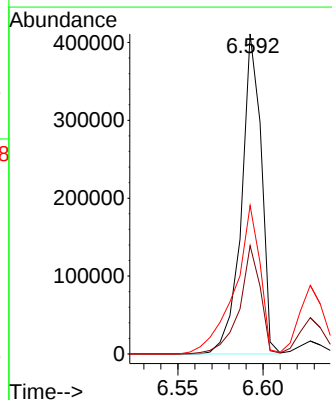
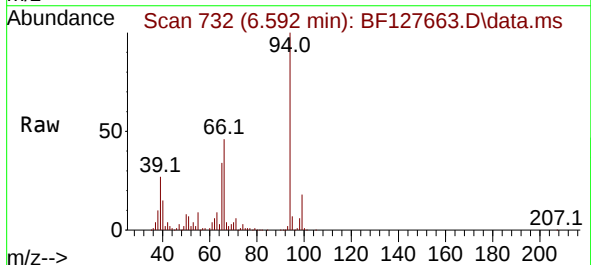
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

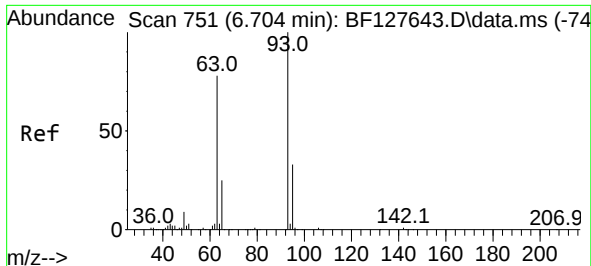
Tgt Ion: 77 Resp: 110915
Ion Ratio Lower Upper
77 100
105 89.5 66.8 106.8
106 85.6 64.3 104.3



#10
Phenol
Concen: 42.728 ng
RT: 6.592 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion: 94 Resp: 331709
Ion Ratio Lower Upper
94 100
65 33.8 13.1 53.1
66 46.4 24.9 64.9

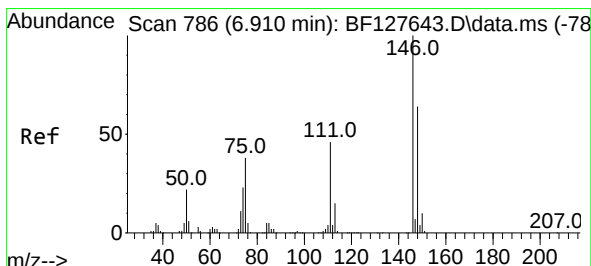
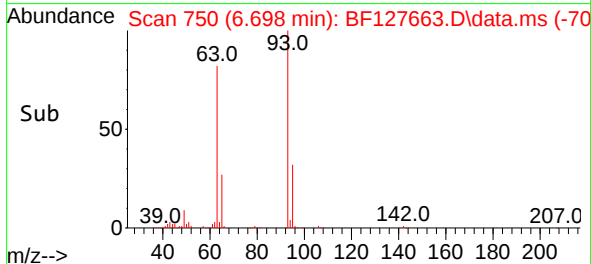
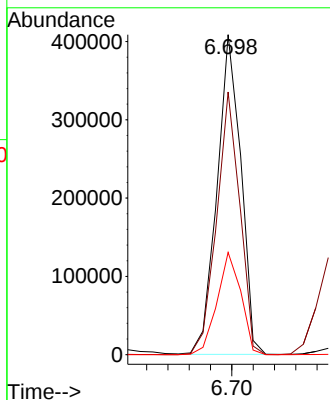
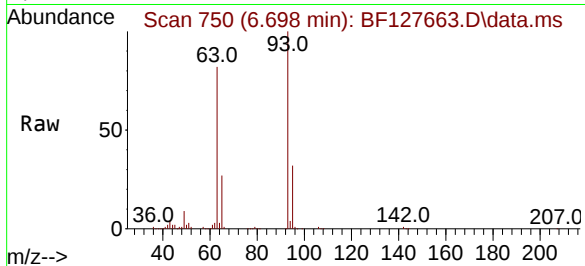




#11
bis(2-Chloroethyl)ether
Concen: 49.385 ng
RT: 6.698 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

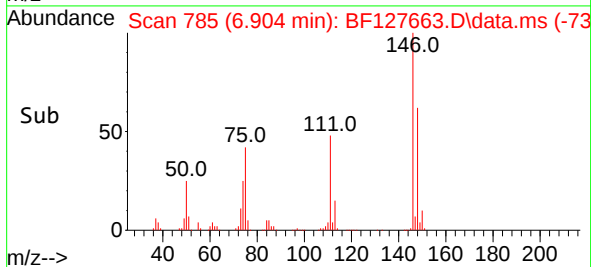
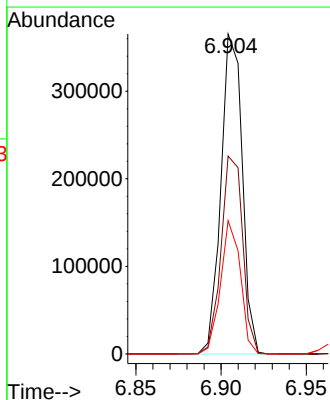
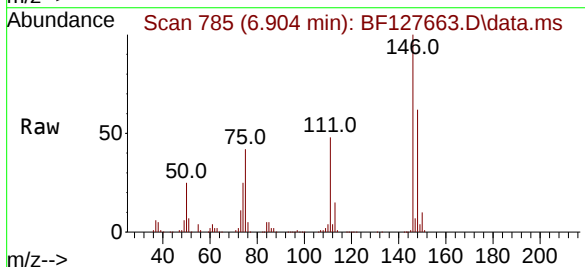
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

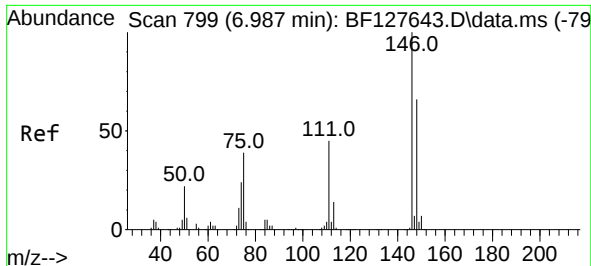
Tgt Ion: 93 Resp: 316611
Ion Ratio Lower Upper
93 100
63 82.1 69.6 109.6
95 31.9 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 46.182 ng
RT: 6.904 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion: 146 Resp: 317682
Ion Ratio Lower Upper
146 100
148 61.9 50.6 76.0
75 41.6 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 46.099 ng

RT: 6.986 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

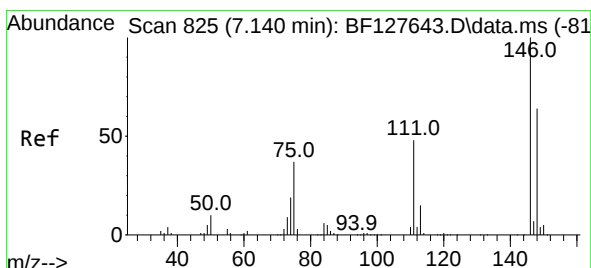
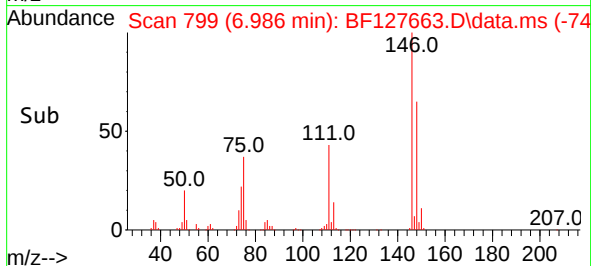
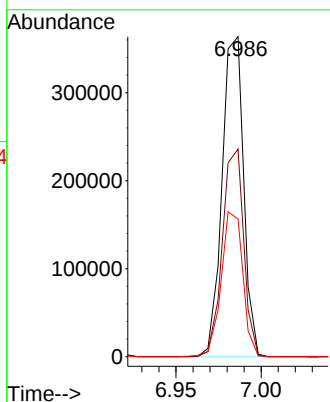
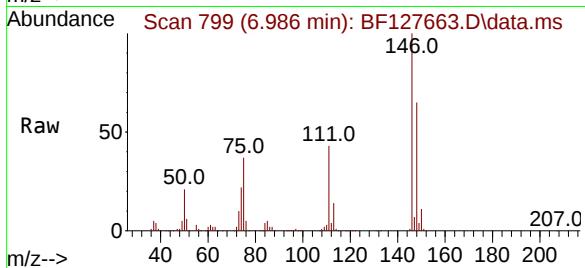
Tgt Ion:146 Resp: 320557

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

111 43.1 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 46.826 ng

RT: 7.133 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

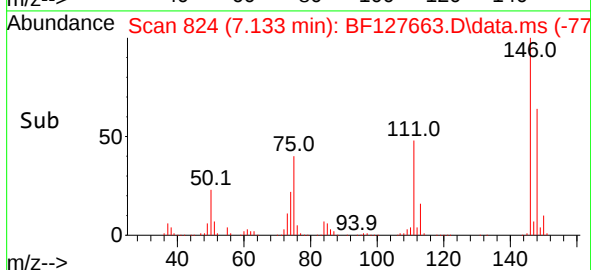
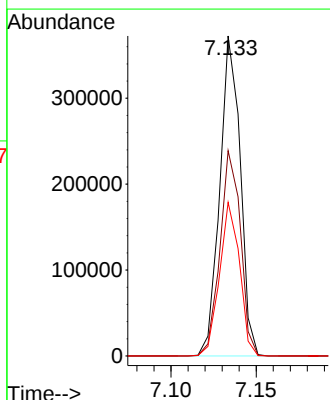
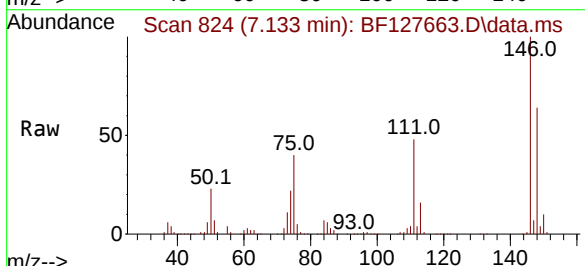
Tgt Ion:146 Resp: 311242

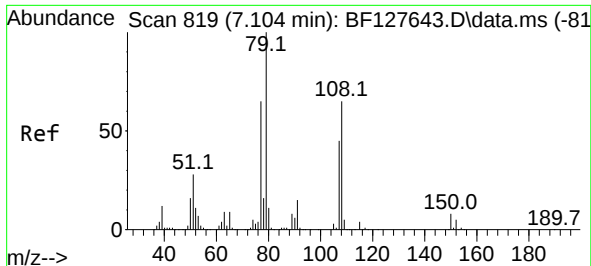
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

111 48.0 36.4 54.6

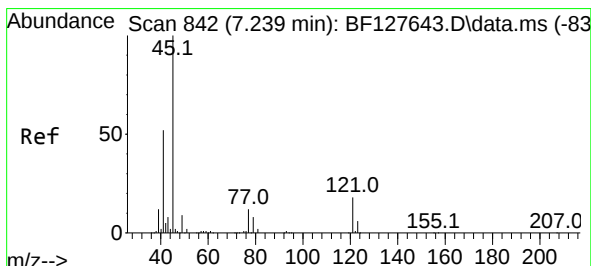
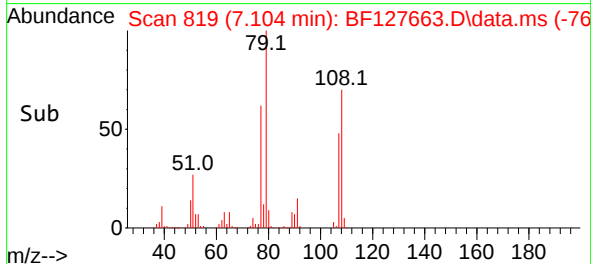
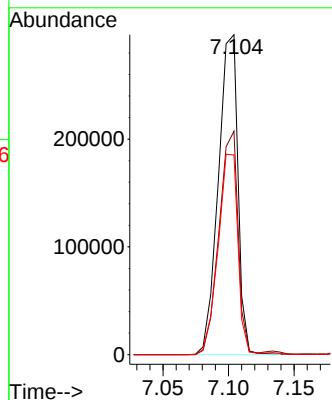
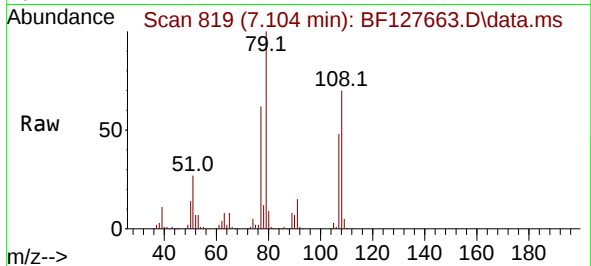




#15
Benzyl Alcohol
Concen: 45.430 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

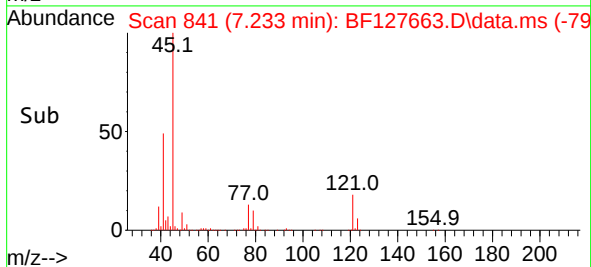
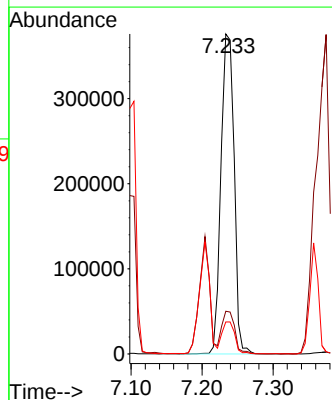
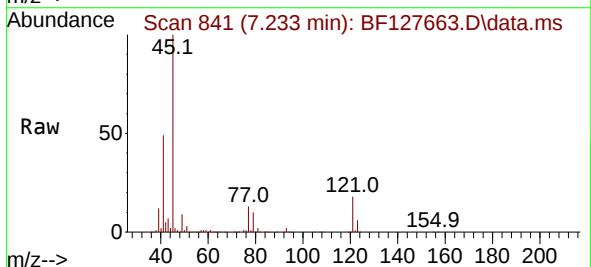
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

Tgt Ion: 79 Resp: 308352
Ion Ratio Lower Upper
79 100
108 69.8 52.2 78.2
77 62.4 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.549 ng
RT: 7.233 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion: 45 Resp: 481187
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.9
79 10.0 0.0 29.9

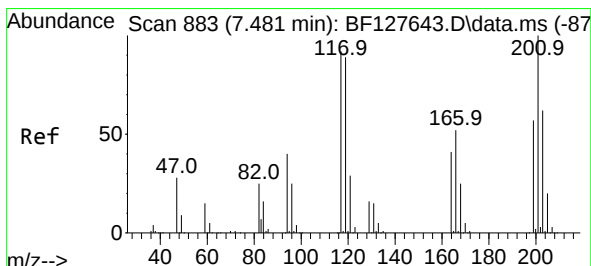
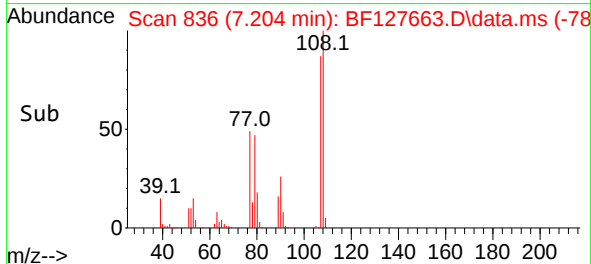
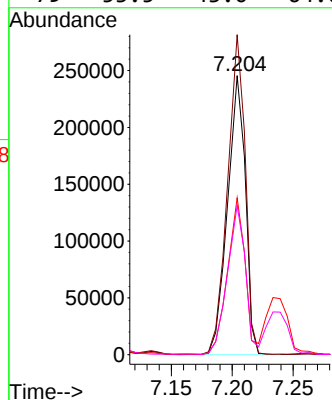
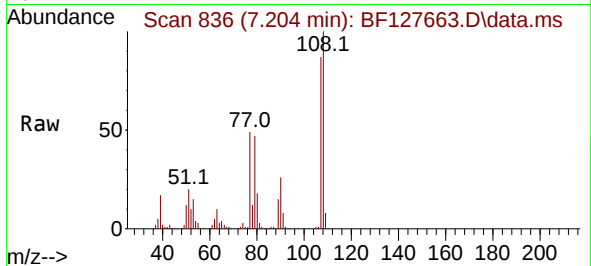




#17
2-Methylphenol
Concen: 47.878 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

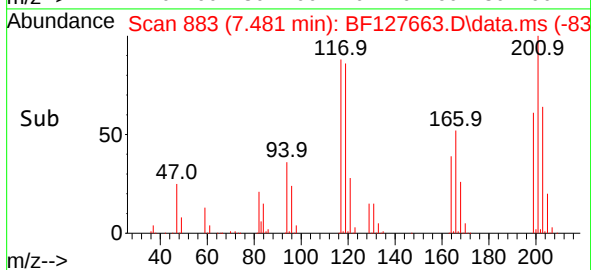
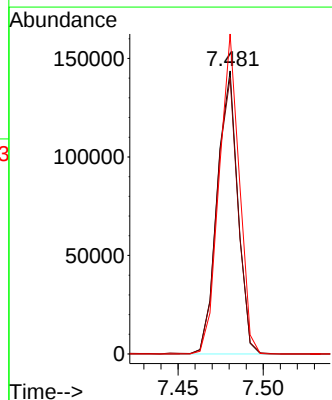
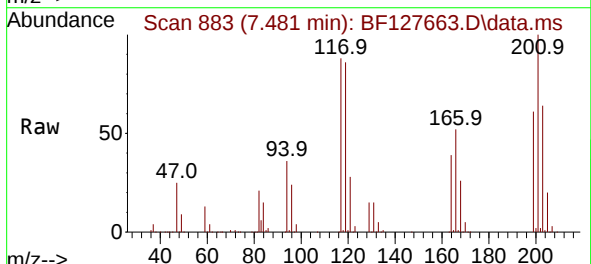
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

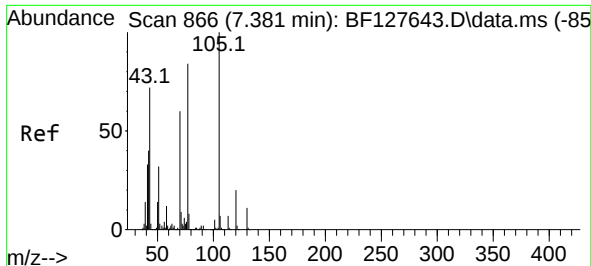
Tgt Ion:	107	Resp:	250720
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.7	136.1
77	56.2	42.9	64.3
79	53.5	43.0	64.6



#18
Hexachloroethane
Concen: 45.531 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

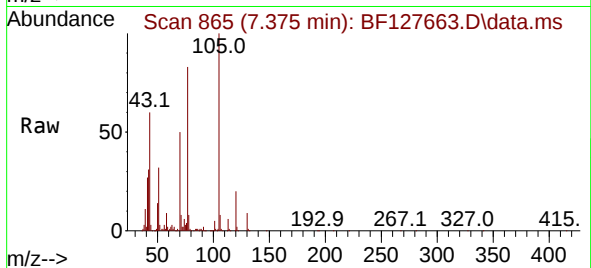
Tgt Ion:	117	Resp:	120811
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.6	116.4
201	113.1	88.2	132.2



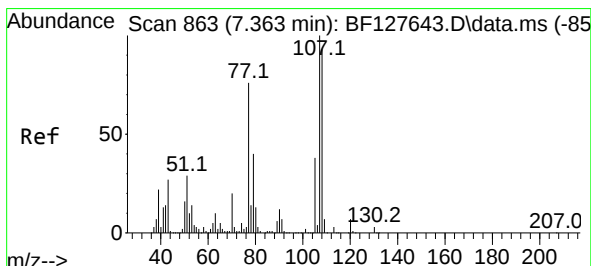
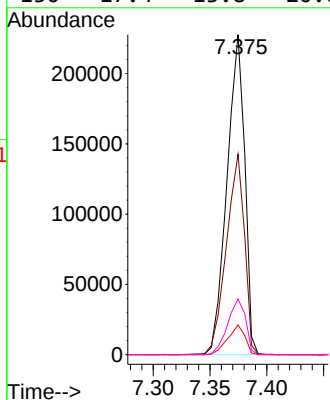
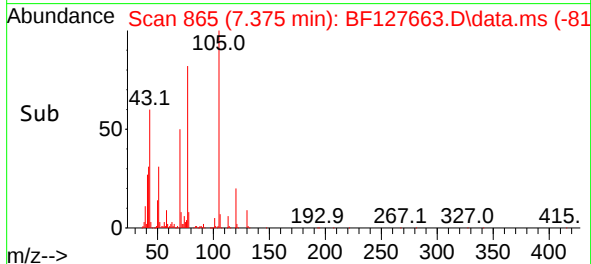


#19
n-Nitroso-di-n-propylamine
Concen: 49.291 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

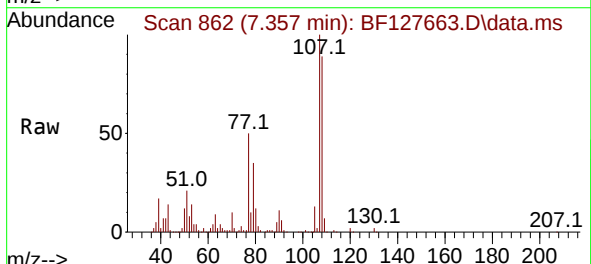
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS



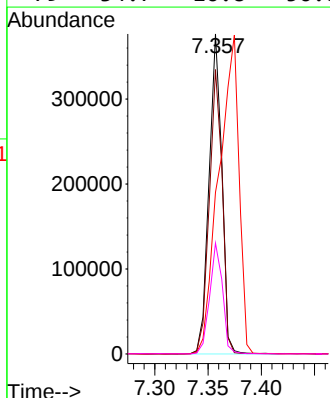
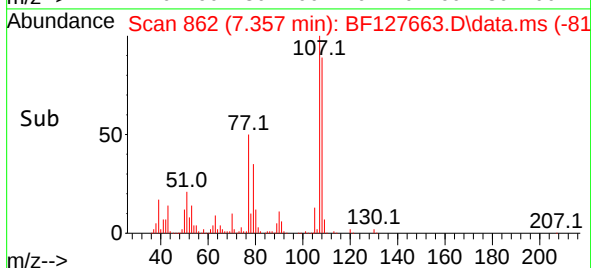
Tgt Ion: 70 Resp: 247512
Ion Ratio Lower Upper
70 100
42 62.7 53.0 79.6
101 9.3 6.8 10.2
130 17.4 13.8 20.6

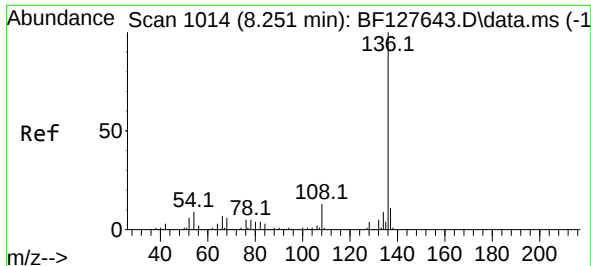


#20
3+4-Methylphenols
Concen: 47.338 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33



Tgt Ion: 107 Resp: 315900
Ion Ratio Lower Upper
107 100
108 88.8 70.7 110.7
77 50.5 127.9 167.9#
79 34.7 16.8 56.8

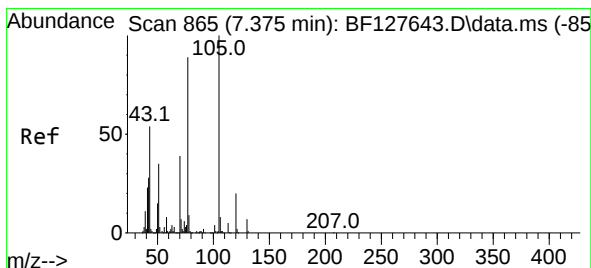
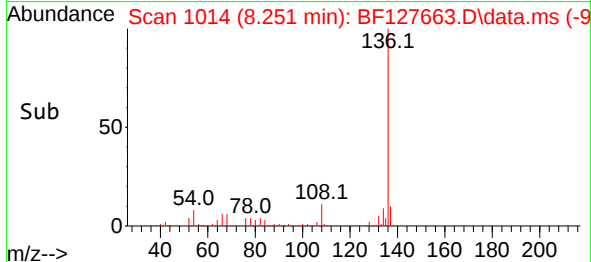
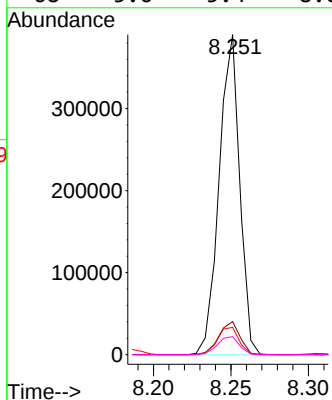
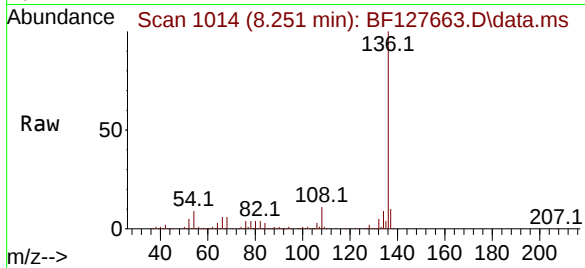




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

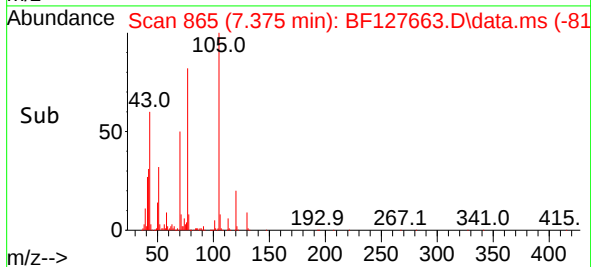
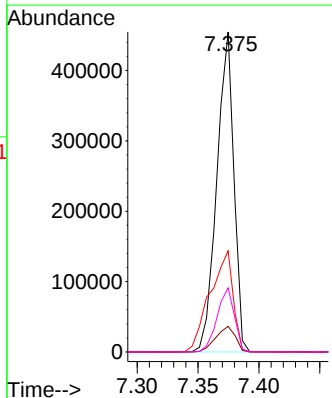
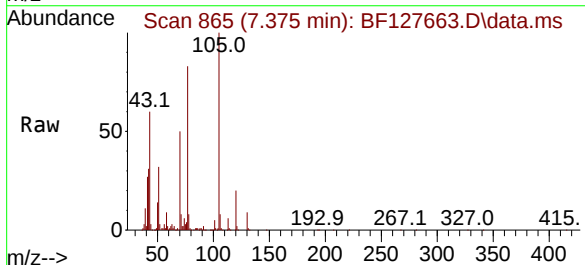
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

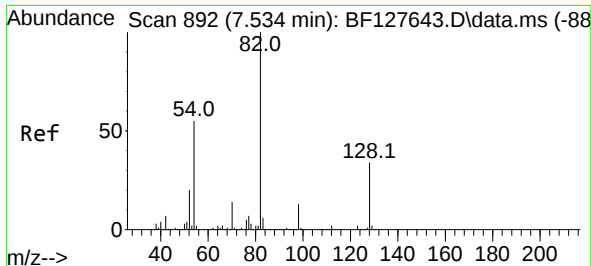
Tgt Ion:136 Resp: 359074
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.5 9.2 13.8#
68 5.6 5.4 8.0



#22
Acetophenone
Concen: 45.962 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:105 Resp: 443481
Ion Ratio Lower Upper
105 100
71 8.0 7.3 10.9
51 31.6 38.8 58.2#
120 20.1 16.5 24.7





#23

Nitrobenzene-d5

Concen: 90.371 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

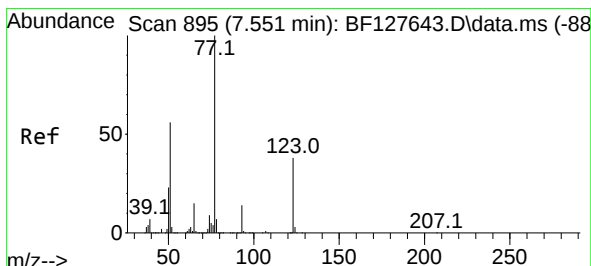
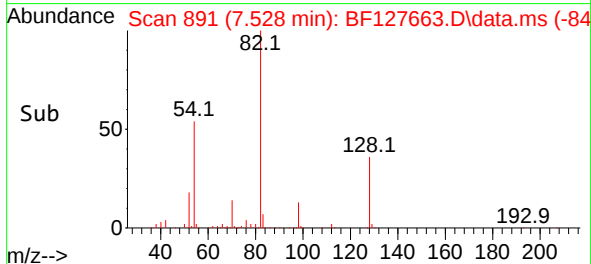
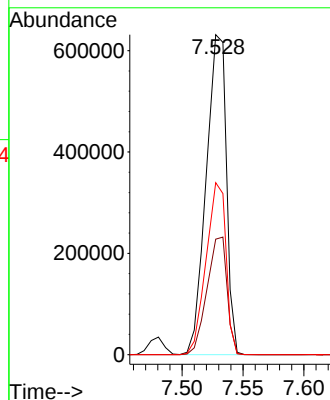
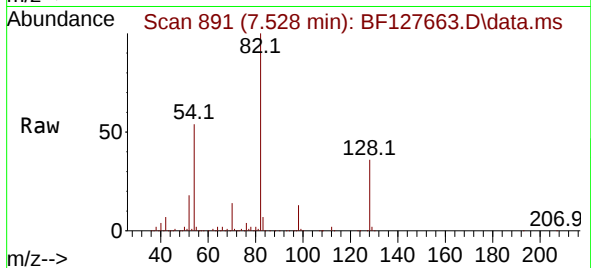
Tgt Ion: 82 Resp: 727879

Ion Ratio Lower Upper

82 100

128 36.1 30.6 45.8

54 53.7 48.2 72.2



#24

Nitrobenzene

Concen: 47.810 ng

RT: 7.551 min Scan# 895

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

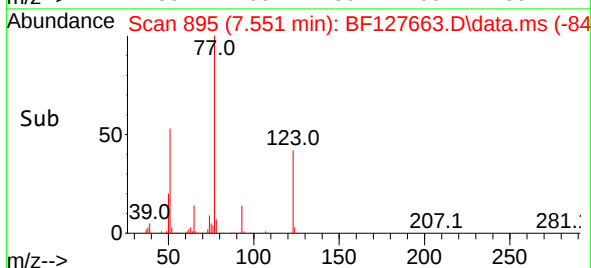
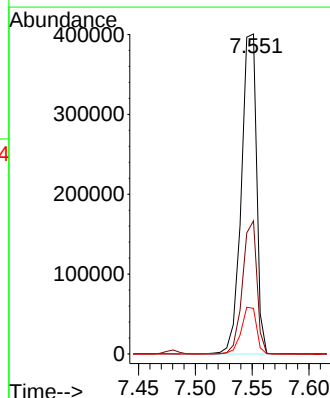
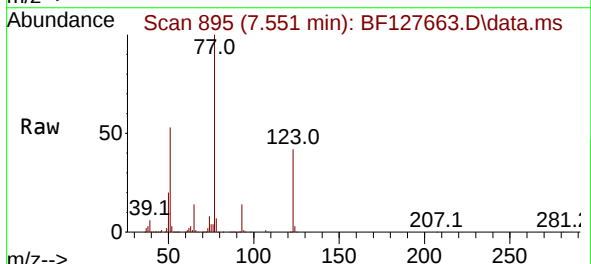
Tgt Ion: 77 Resp: 373284

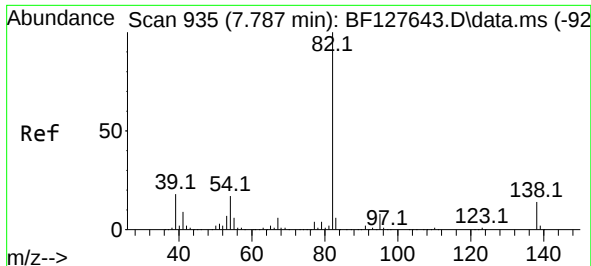
Ion Ratio Lower Upper

77 100

123 41.6 32.0 48.0

65 14.2 12.2 18.2

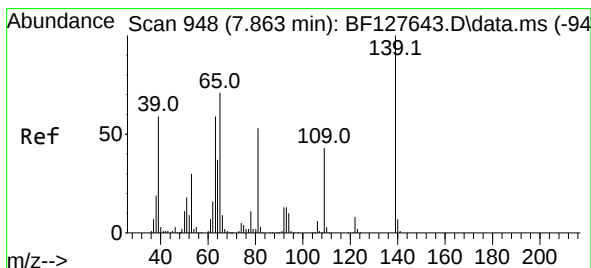
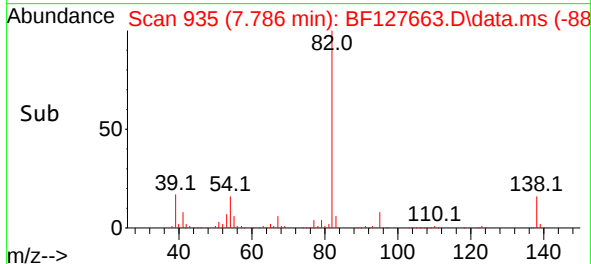
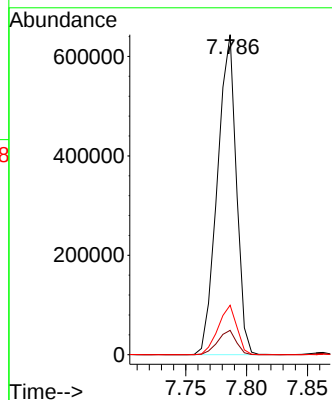
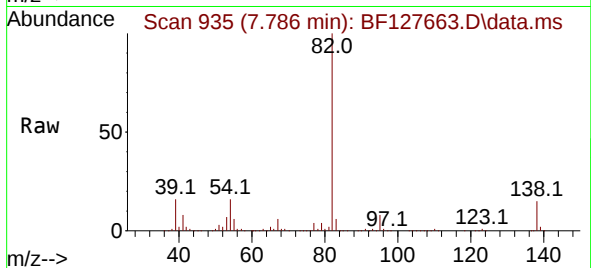




#25
Isophorone
Concen: 49.609 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

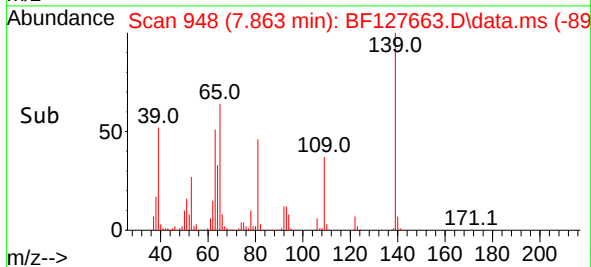
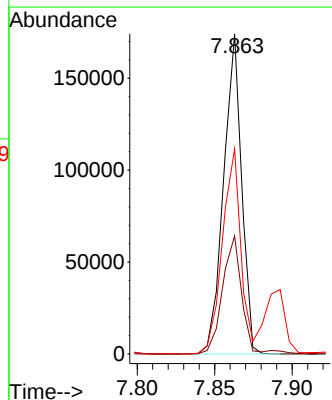
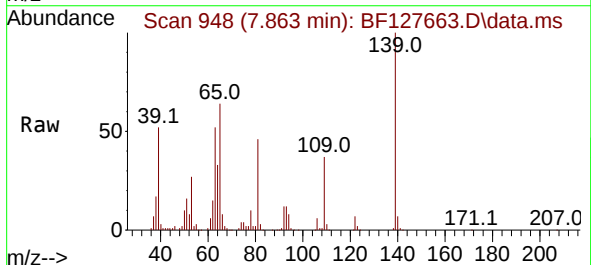
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

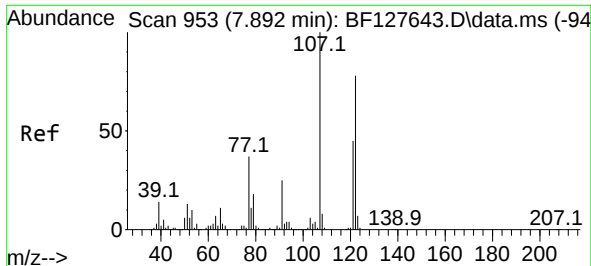
Tgt Ion: 82 Resp: 697219
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 15.5 11.6 17.4



#26
2-Nitrophenol
Concen: 50.213 ng
RT: 7.863 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion: 139 Resp: 140891
Ion Ratio Lower Upper
139 100
109 36.9 28.2 42.2
65 64.1 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 51.737 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127663.D

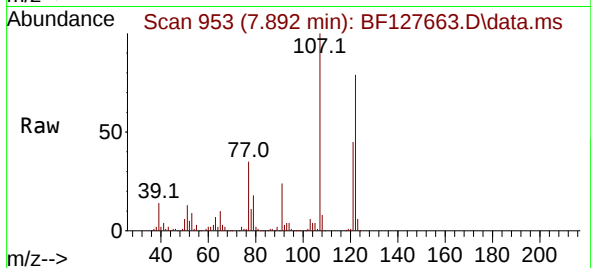
Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS



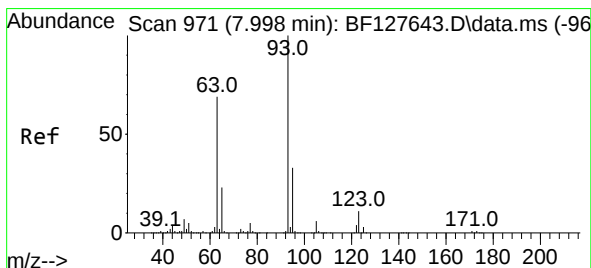
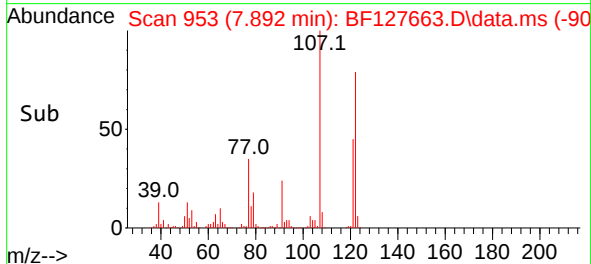
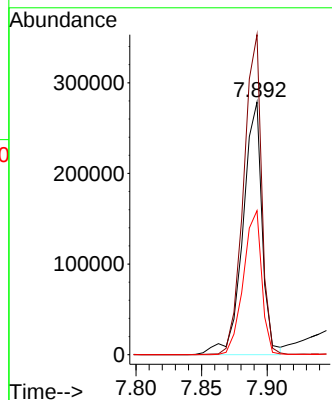
Tgt Ion:122 Resp: 284222

Ion Ratio Lower Upper

122 100

107 126.7 93.0 139.4

121 57.0 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.635 ng

RT: 7.992 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

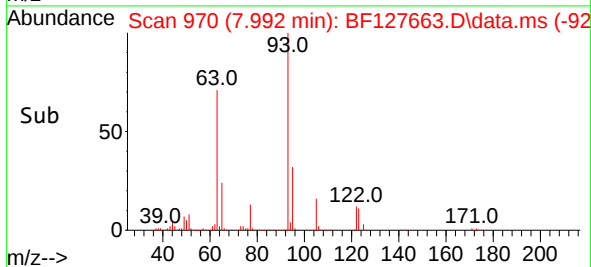
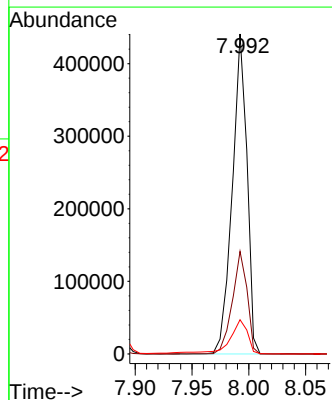
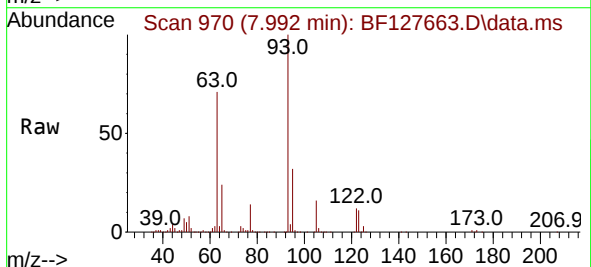
Tgt Ion: 93 Resp: 395469

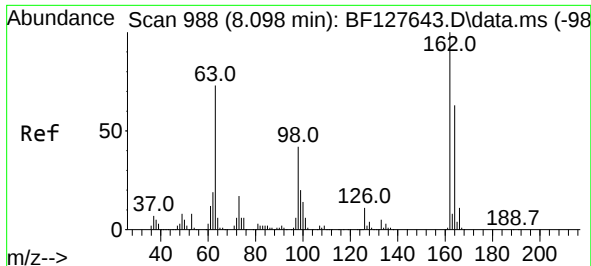
Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

123 10.7 8.0 12.0

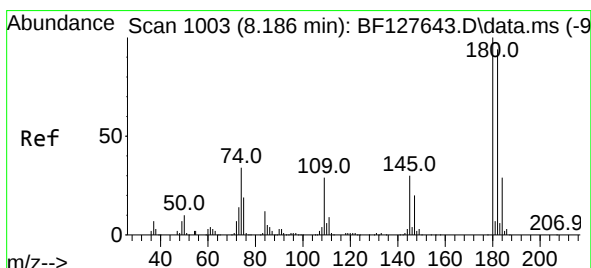
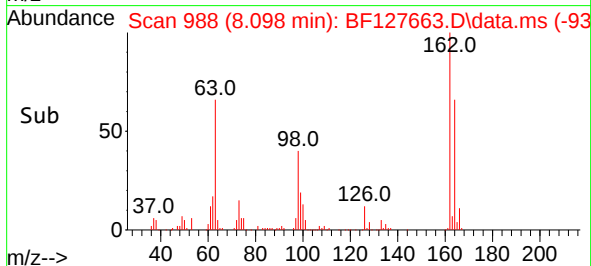
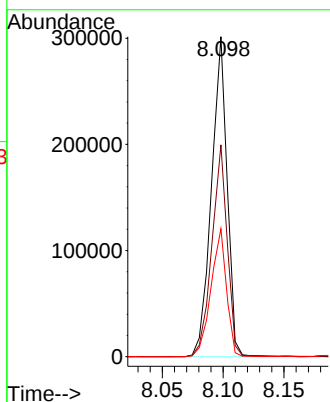
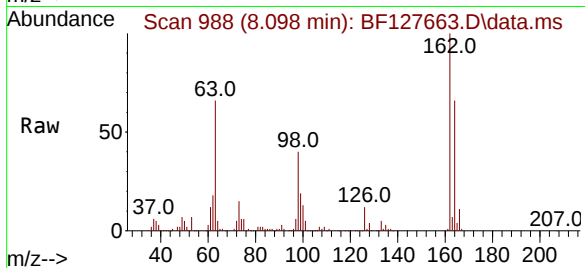




#29
2,4-Dichlorophenol
Concen: 45.692 ng
RT: 8.098 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

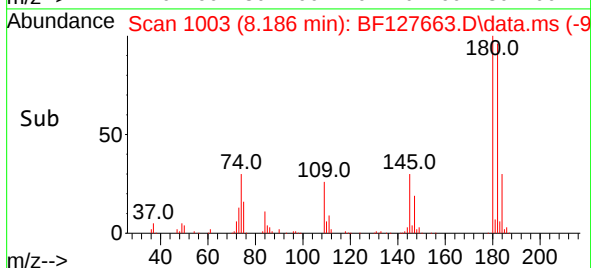
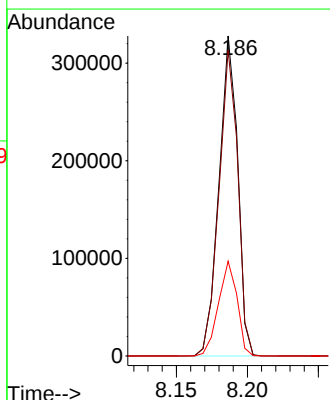
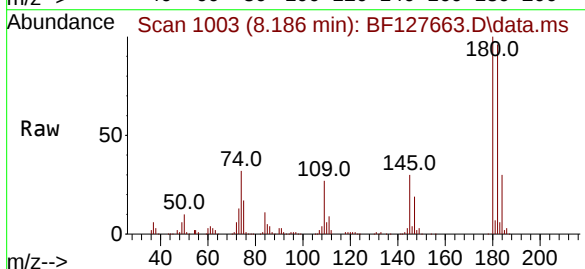
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

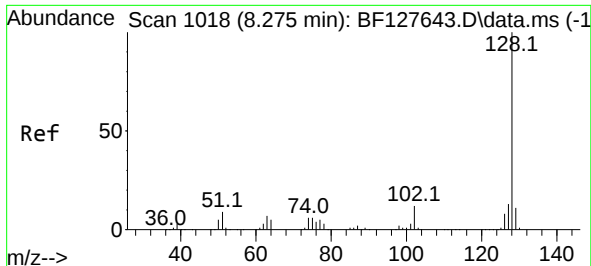
Tgt Ion:162 Resp: 270403
Ion Ratio Lower Upper
162 100
164 66.2 43.7 83.7
98 40.0 23.5 63.5



#30
1,2,4-Trichlorobenzene
Concen: 44.065 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:180 Resp: 300120
Ion Ratio Lower Upper
180 100
182 95.6 73.8 110.6
145 29.6 23.3 34.9

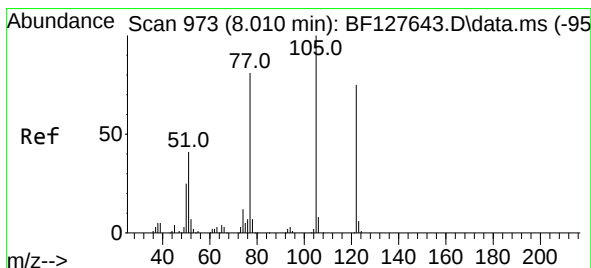
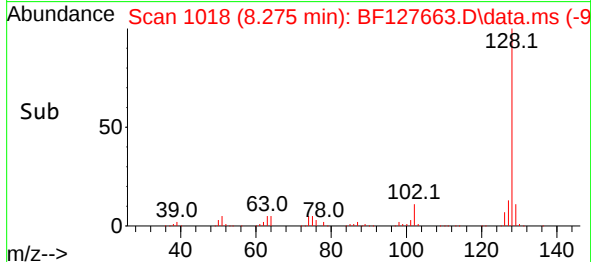
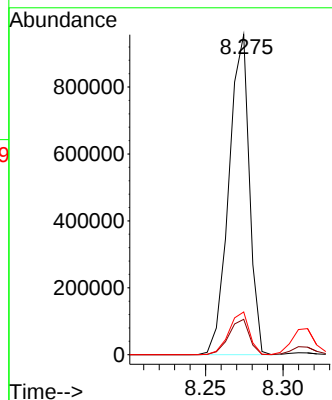
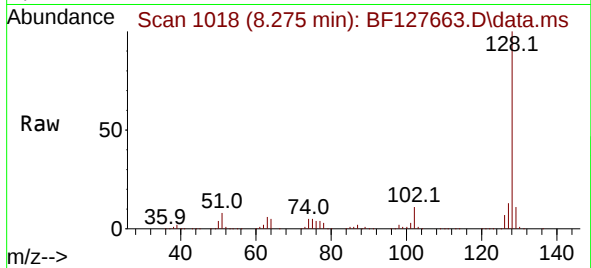




#31
Naphthalene
Concen: 46.614 ng
RT: 8.275 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

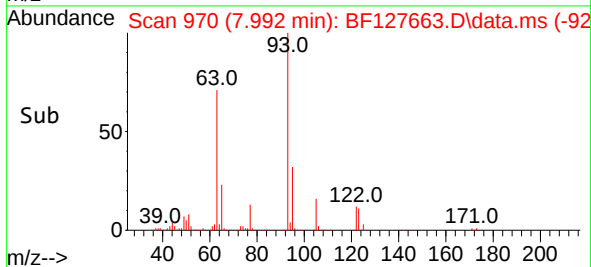
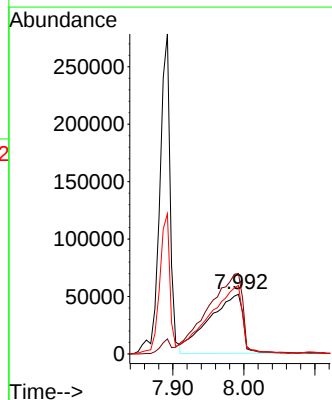
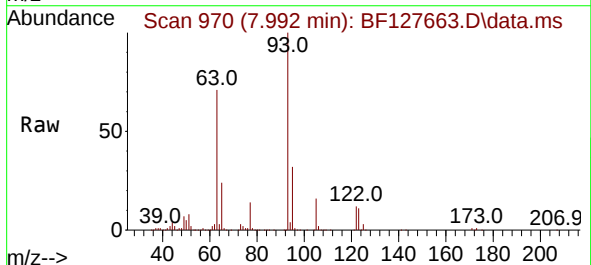
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

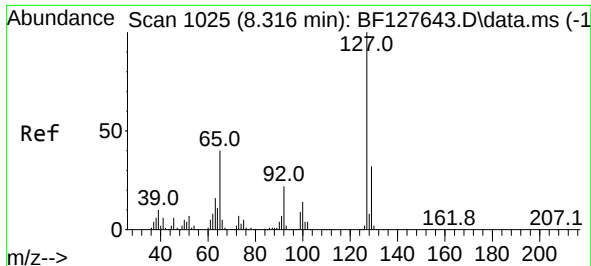
Tgt Ion:128 Resp: 877075
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.4 10.2 15.2



#32
Benzoic acid
Concen: 43.152 ng
RT: 7.992 min Scan# 970
Delta R.T. -0.018 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:122 Resp: 171990
Ion Ratio Lower Upper
122 100
105 134.7 117.1 157.1
77 114.6 93.0 133.0

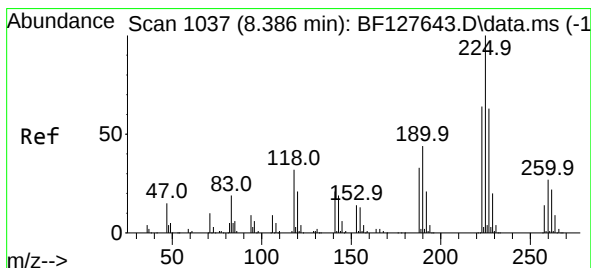
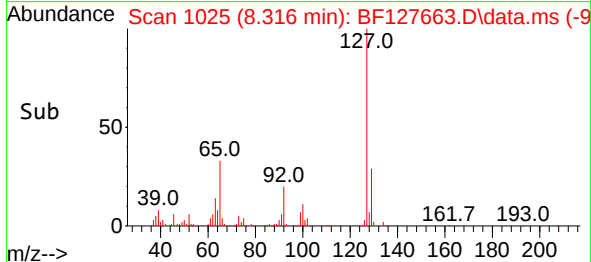
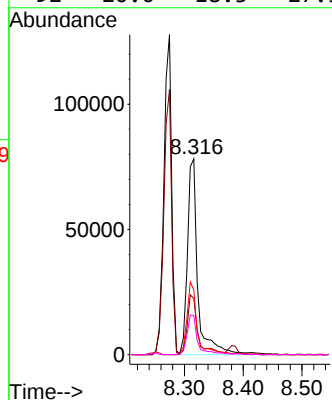
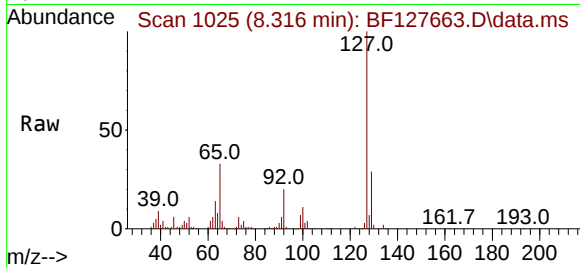




#33
4-Chloroaniline
Concen: 12.998 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

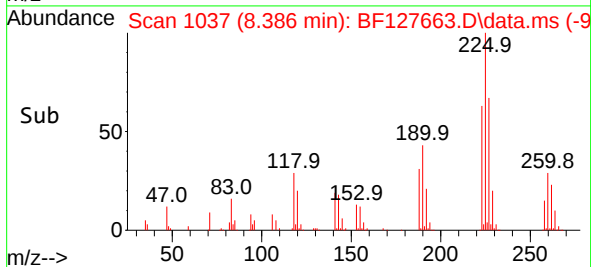
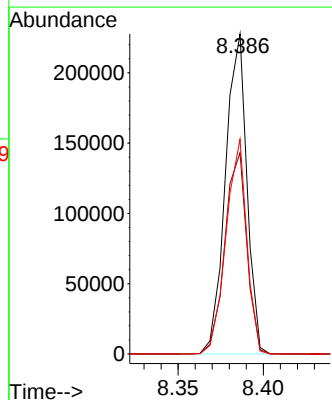
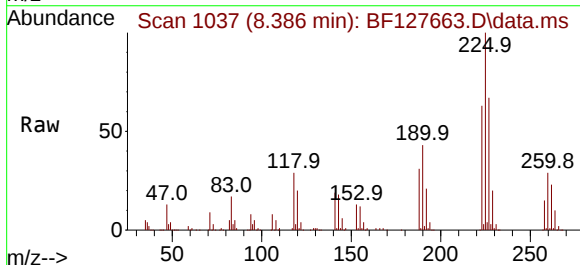
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

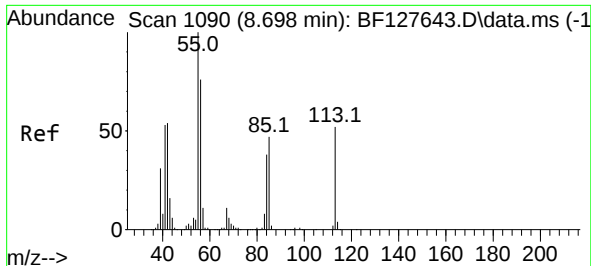
Tgt Ion:127	Resp:	96314
Ion	Ratio	Lower Upper
127	100	
129	28.7	25.9 38.9
65	33.0	31.4 47.0
92	20.0	18.3 27.5



#34
Hexachlorobutadiene
Concen: 42.441 ng
RT: 8.386 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:225	Resp:	198838
Ion	Ratio	Lower Upper
225	100	
223	62.9	50.6 76.0
227	67.1	49.6 74.4

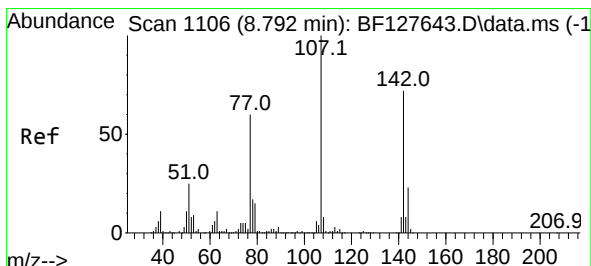
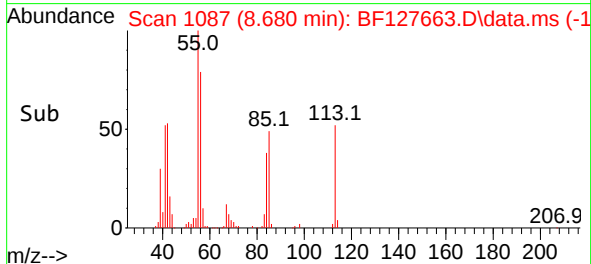
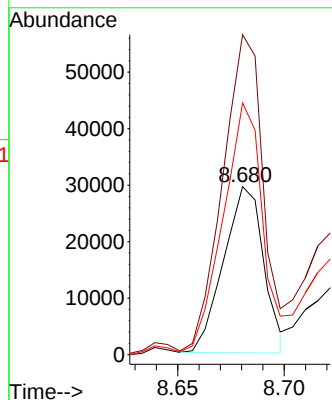
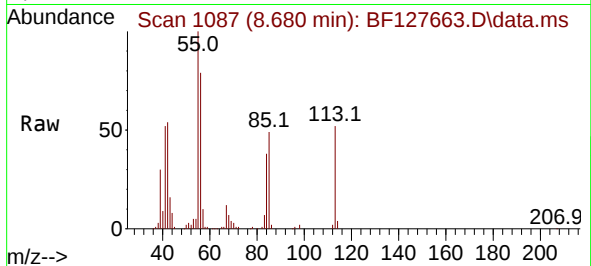




#35
 Caprolactam
 Concen: 21.934 ng
 RT: 8.680 min Scan# 1105
 Delta R.T. -0.018 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

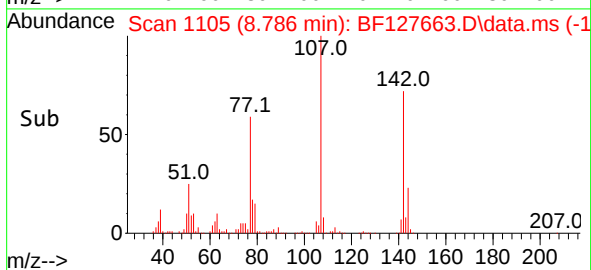
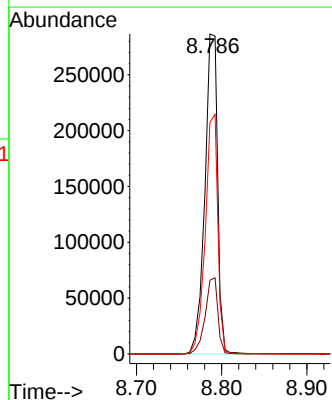
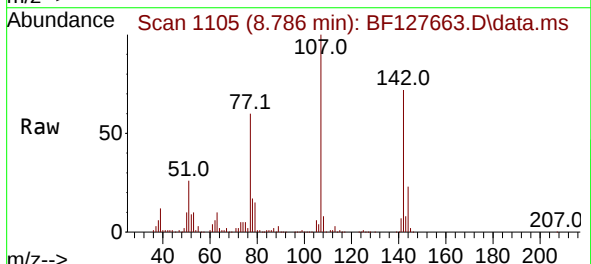
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMMS

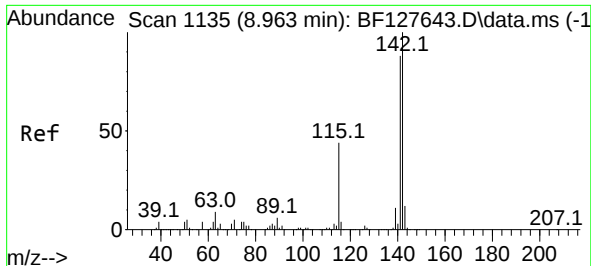
Tgt Ion:113 Resp: 38365
 Ion Ratio Lower Upper
 113 100
 55 190.5 218.7 258.7#
 56 150.0 156.2 196.2#



#36
 4-Chloro-3-methylphenol
 Concen: 48.169 ng
 RT: 8.786 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

Tgt Ion:107 Resp: 298861
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.3 28.9
 142 72.4 59.8 89.8

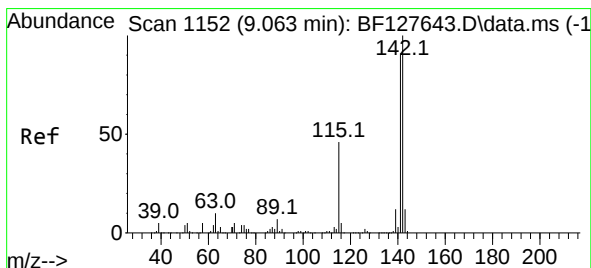
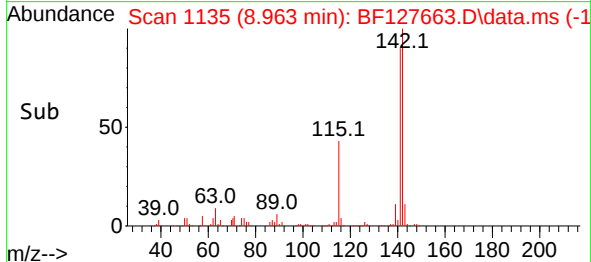
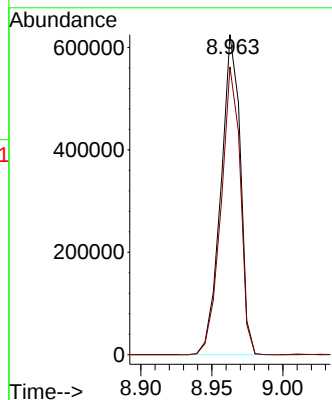
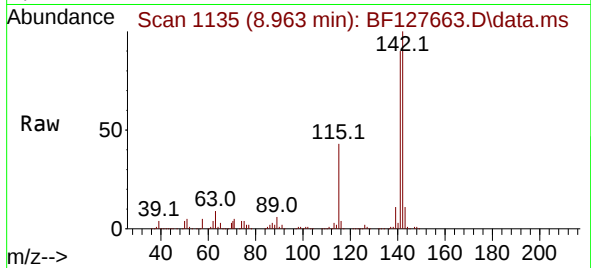




#37
2-Methylnaphthalene
Concen: 47.034 ng
RT: 8.963 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

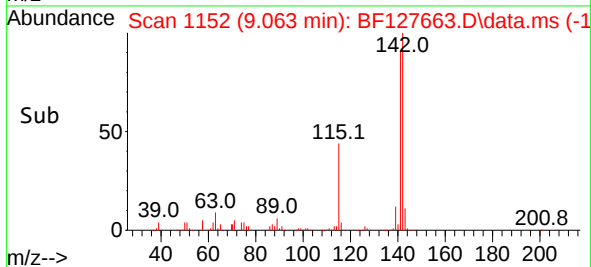
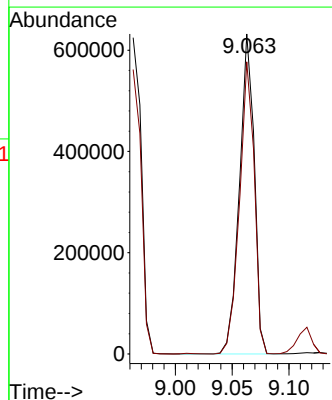
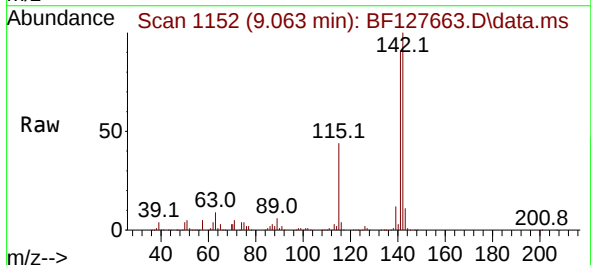
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

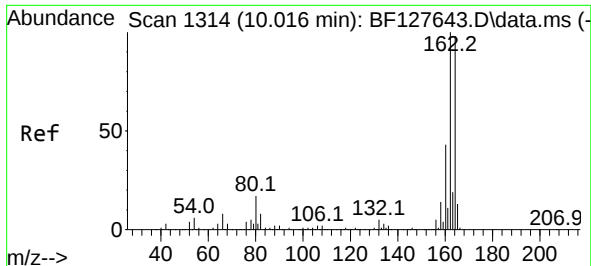
Tgt Ion:142 Resp: 591896
Ion Ratio Lower Upper
142 100
141 89.9 70.6 106.0



#38
1-Methylnaphthalene
Concen: 47.047 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:142 Resp: 571462
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.2

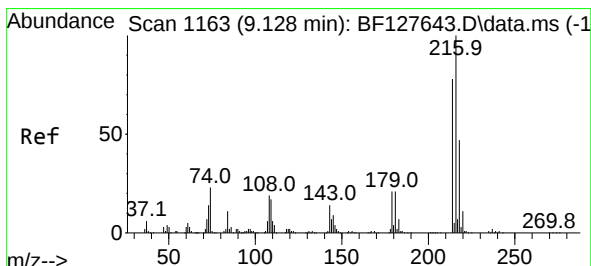
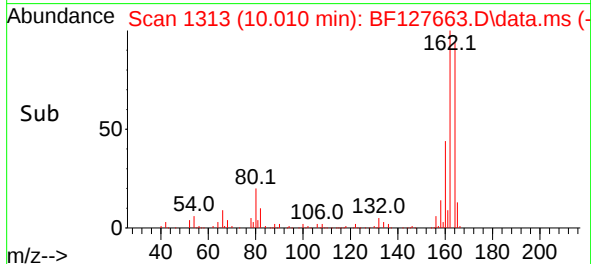
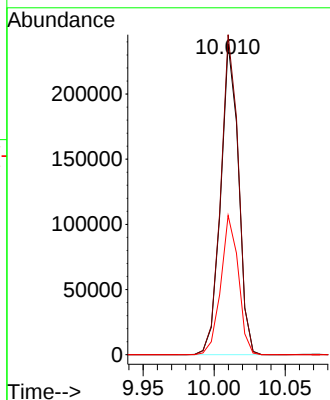
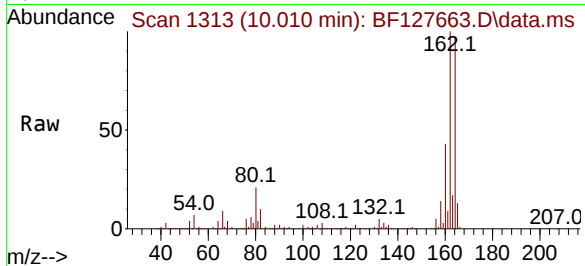




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

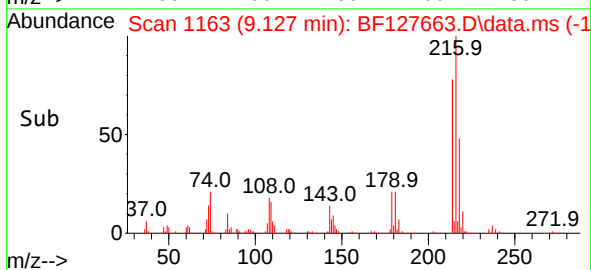
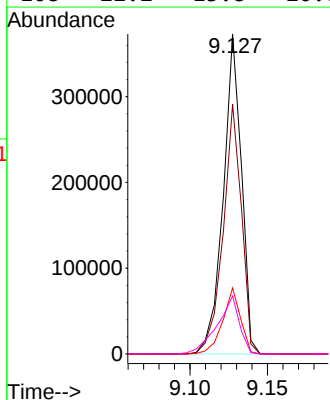
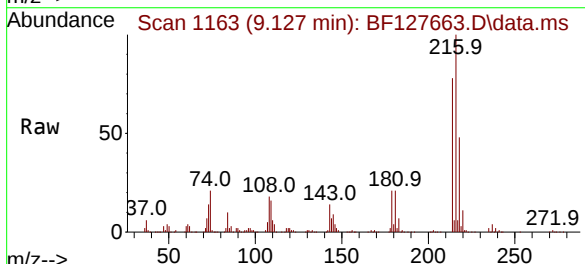
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

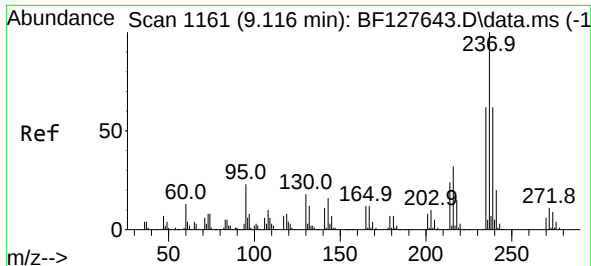
Tgt Ion:164 Resp: 206878
Ion Ratio Lower Upper
164 100
162 102.9 81.2 121.8
160 44.7 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.896 ng
RT: 9.127 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:216 Resp: 304641
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 20.2 15.5 23.3
108 22.2 13.8 20.6#

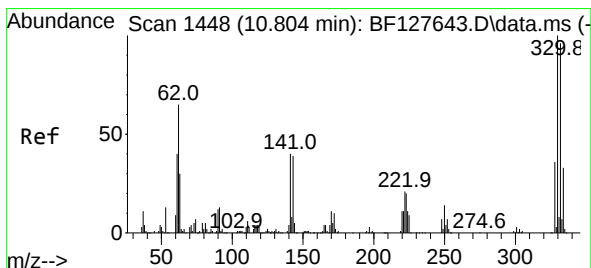
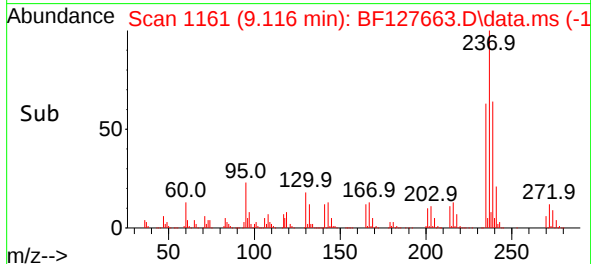
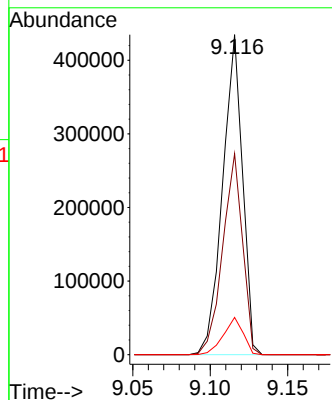
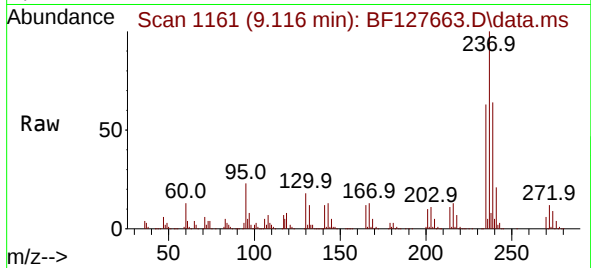




#41
Hexachlorocyclopentadiene
Concen: 94.789 ng
RT: 9.116 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

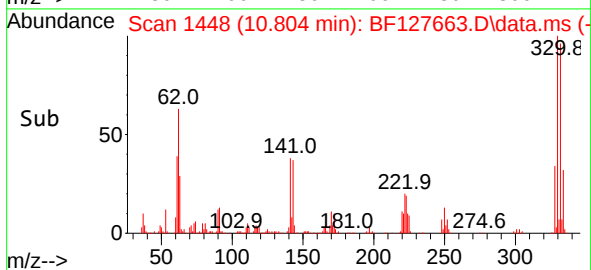
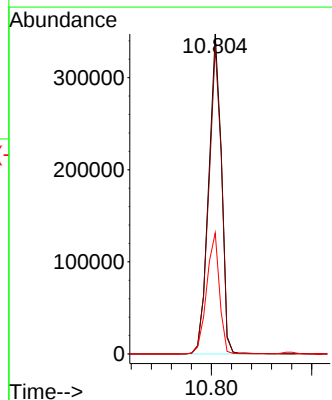
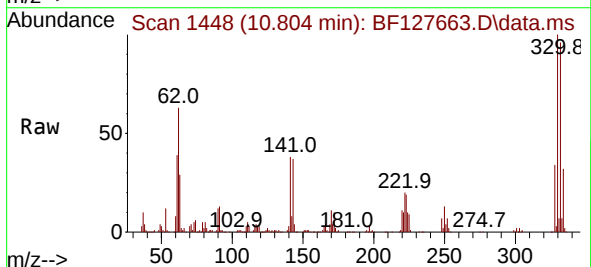
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

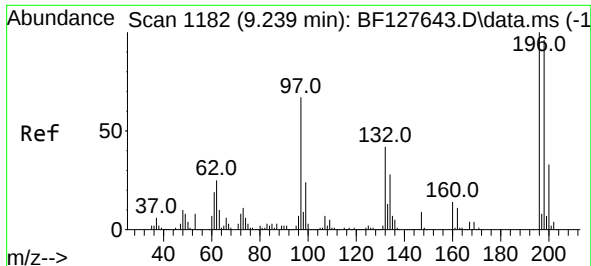
Tgt Ion:237 Resp: 387437
Ion Ratio Lower Upper
237 100
235 62.8 40.4 80.4
272 11.7 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 140.078 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:330 Resp: 308381
Ion Ratio Lower Upper
330 100
332 96.5 79.1 118.7
141 37.9 26.2 39.4

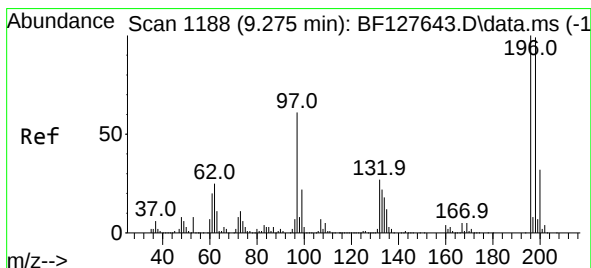
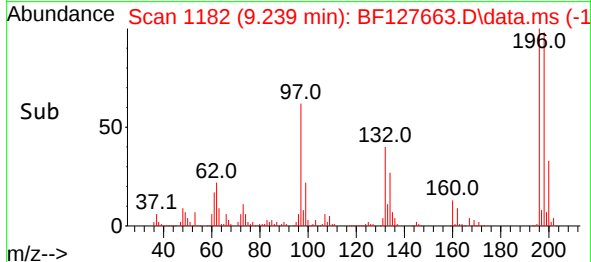
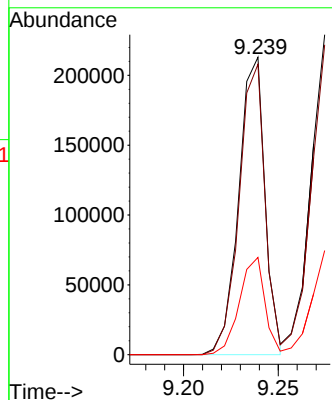
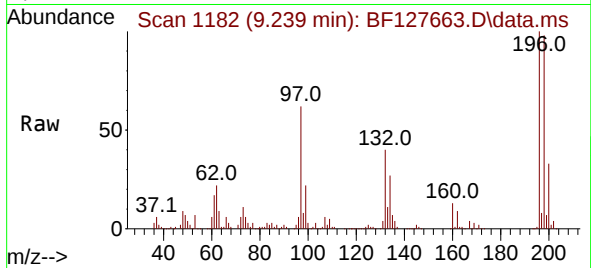




#43
2,4,6-Trichlorophenol
Concen: 44.548 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

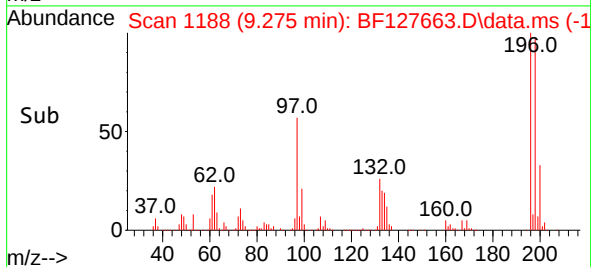
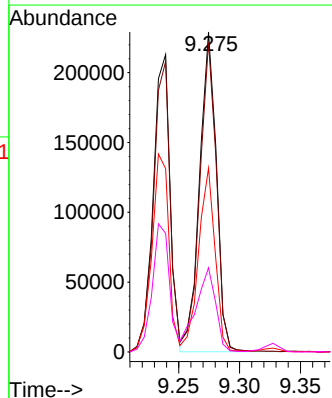
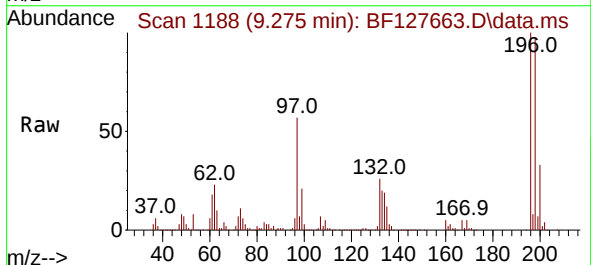
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

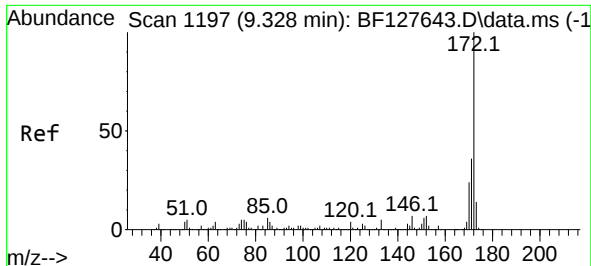
Tgt Ion:196 Resp: 205219
Ion Ratio Lower Upper
196 100
198 97.6 77.8 116.6
200 32.7 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 47.424 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:196 Resp: 220448
Ion Ratio Lower Upper
196 100
198 96.9 75.3 112.9
97 57.5 46.8 70.2
132 26.3 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 85.147 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

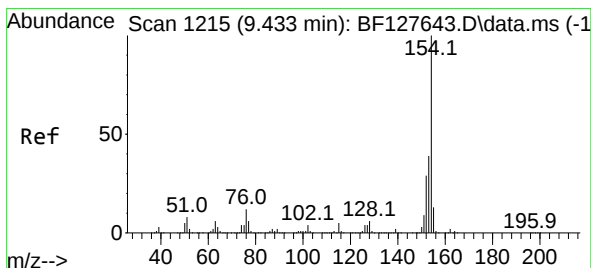
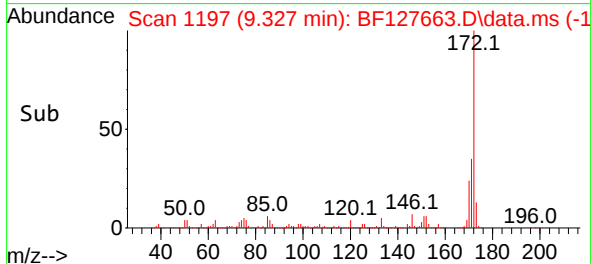
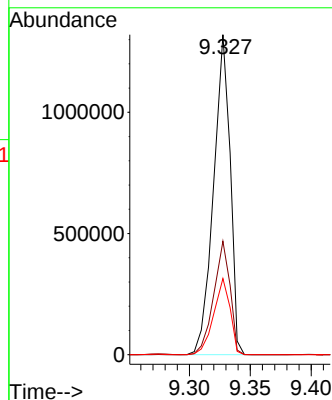
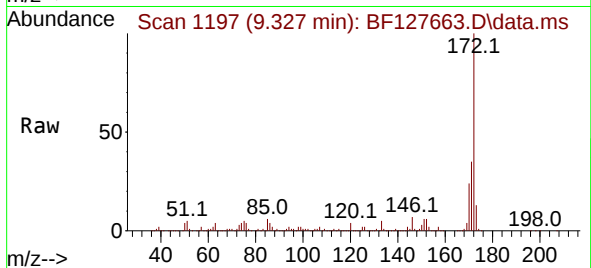
Tgt Ion:172 Resp: 1245179

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 18.6 27.8



#46

1,1'-Biphenyl

Concen: 47.012 ng

RT: 9.427 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

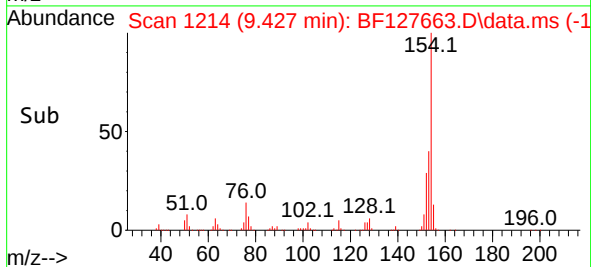
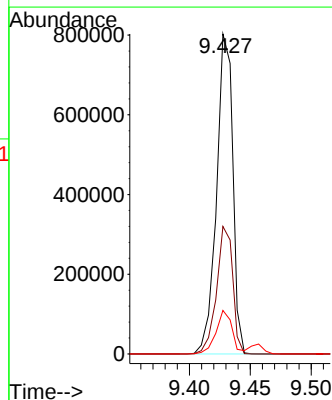
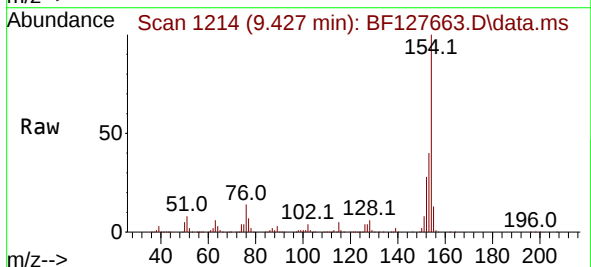
Tgt Ion:154 Resp: 743813

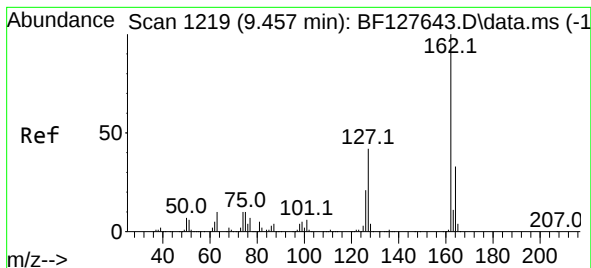
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.202 ng

RT: 9.457 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

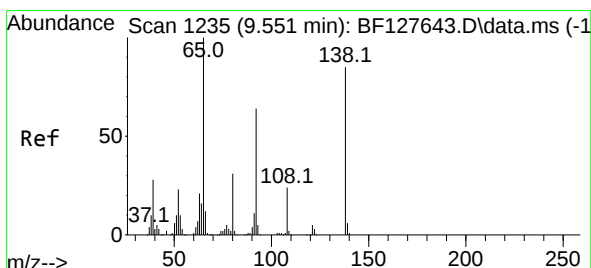
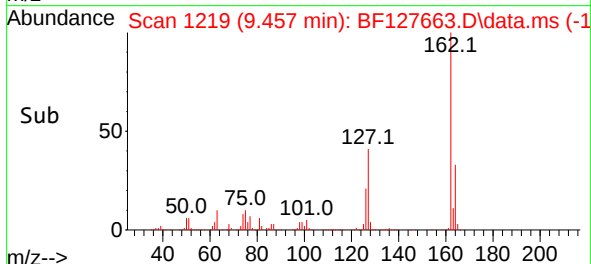
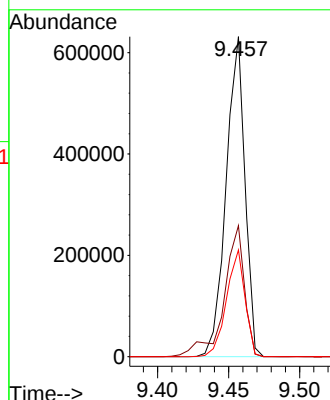
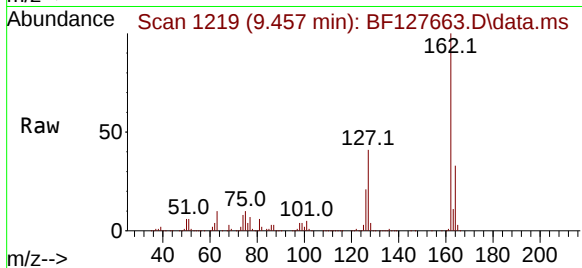
Tgt Ion:162 Resp: 580911

Ion Ratio Lower Upper

162 100

127 41.0 31.8 47.6

164 33.4 26.4 39.6



#48

2-Nitroaniline

Concen: 52.276 ng

RT: 9.551 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

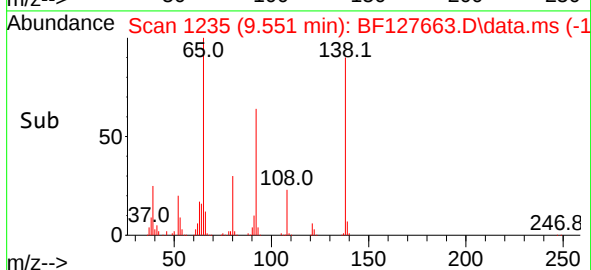
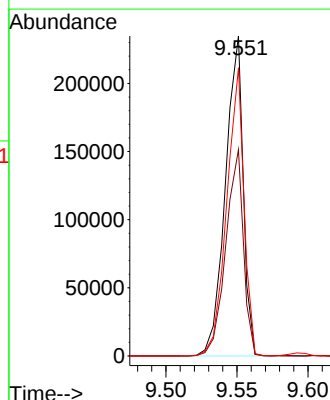
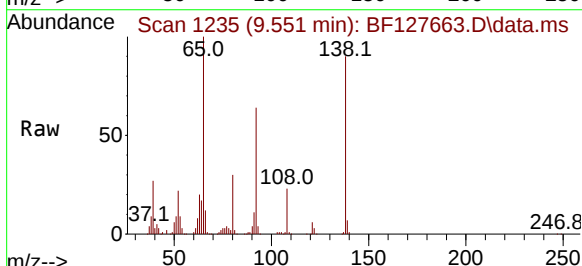
Tgt Ion: 65 Resp: 204139

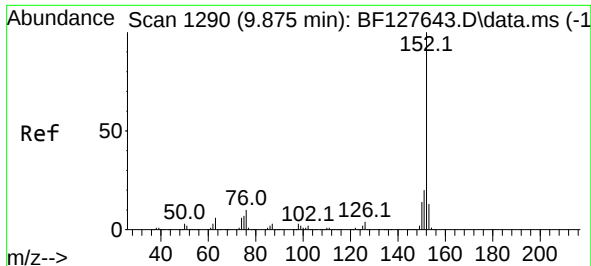
Ion Ratio Lower Upper

65 100

92 64.4 50.0 75.0

138 90.1 64.1 96.1





#49

Acenaphthylene

Concen: 50.282 ng

RT: 9.874 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

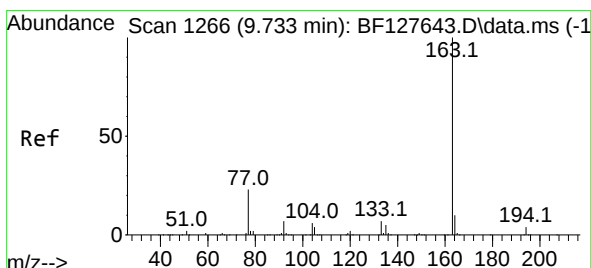
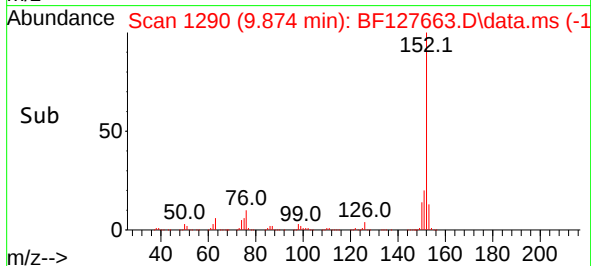
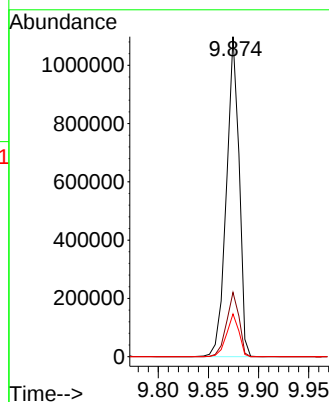
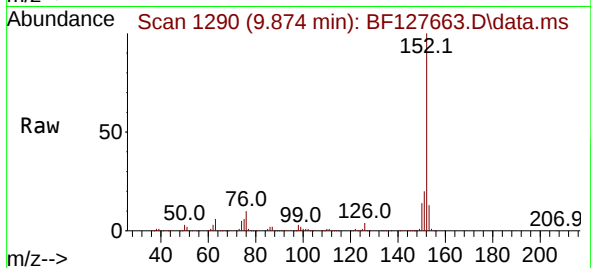
Tgt Ion:152 Resp: 961626

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 49.319 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

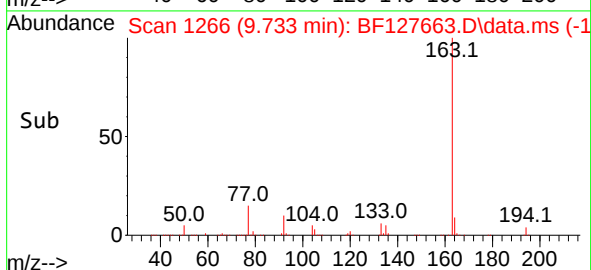
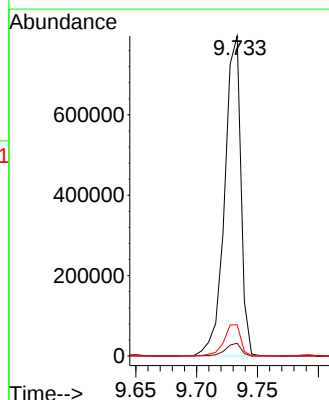
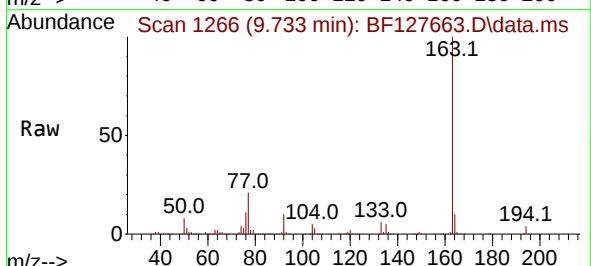
Tgt Ion:163 Resp: 739576

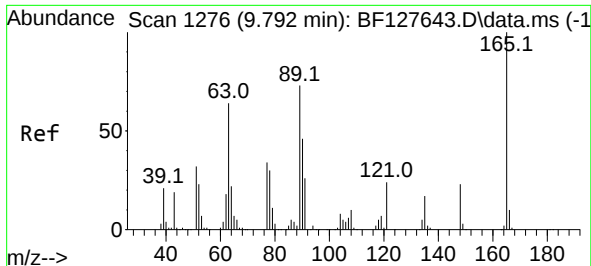
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.8 7.8 11.8

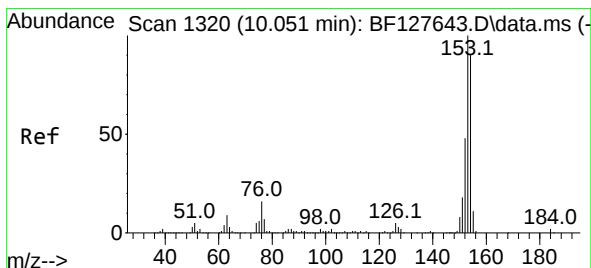
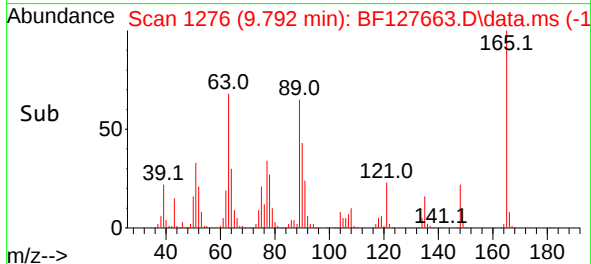
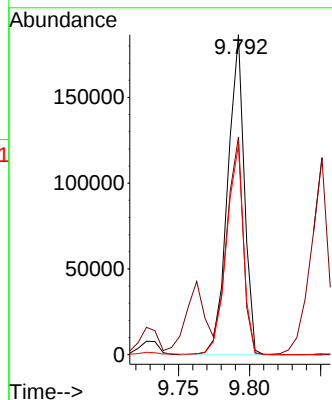
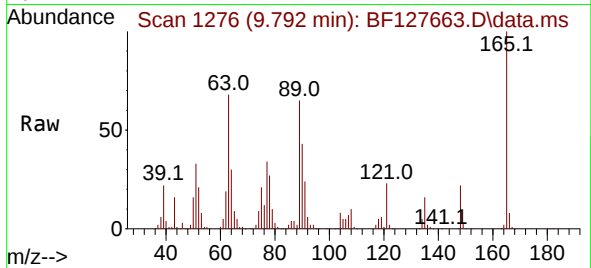




#51
2,6-Dinitrotoluene
Concen: 53.791 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

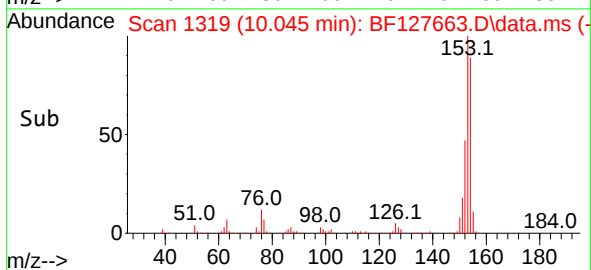
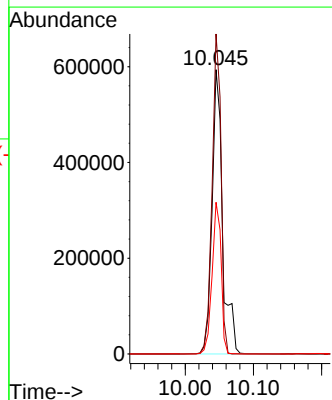
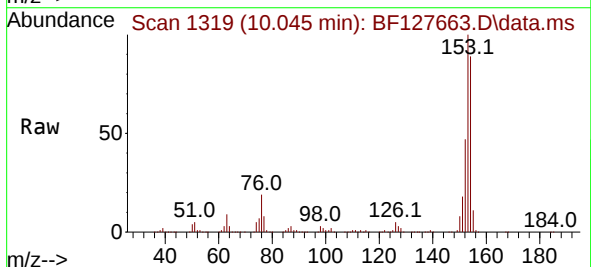
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

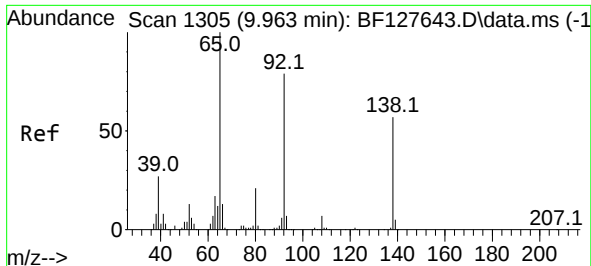
Tgt Ion:165 Resp: 152047
Ion Ratio Lower Upper
165 100
63 68.0 58.3 87.5
89 65.5 51.5 77.3



#52
Acenaphthene
Concen: 53.051 ng
RT: 10.045 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:154 Resp: 639197
Ion Ratio Lower Upper
154 100
153 112.5 87.6 131.4
152 53.4 42.9 64.3

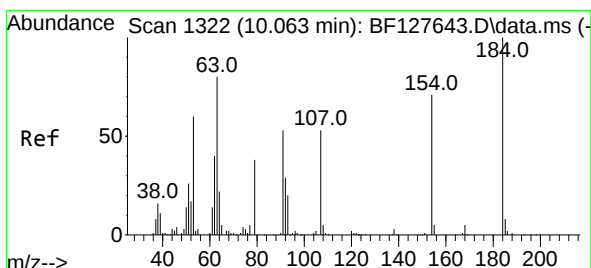
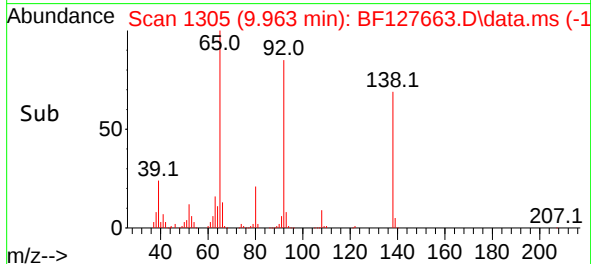
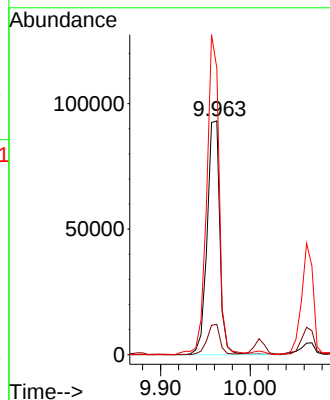
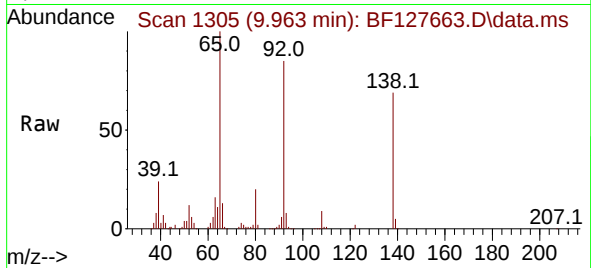




#53
3-Nitroaniline
Concen: 30.642 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

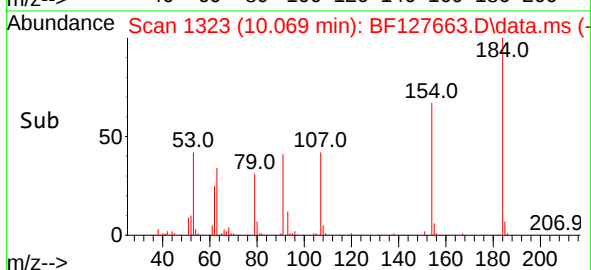
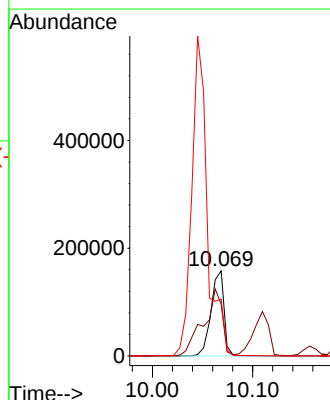
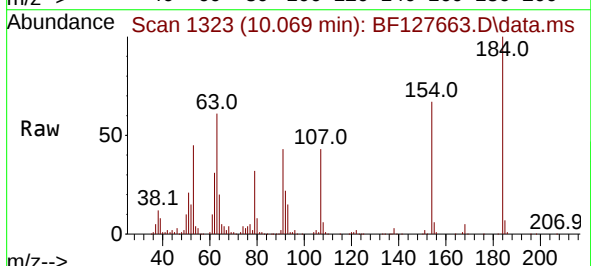
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

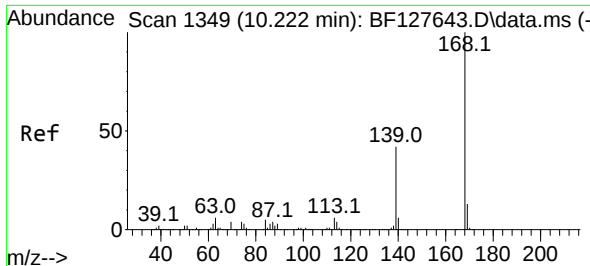
Tgt Ion:138 Resp: 91500
Ion Ratio Lower Upper
138 100
108 12.9 9.4 14.0
92 122.6 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 100.076 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:184 Resp: 142202
Ion Ratio Lower Upper
184 100
63 60.7 58.1 87.1
154 66.7 53.2 79.8

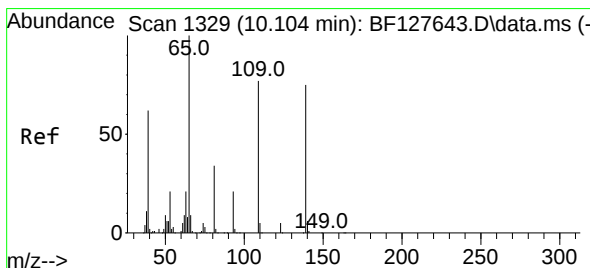
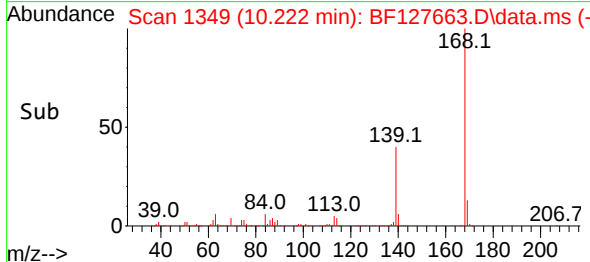
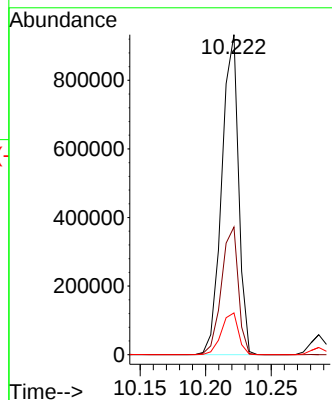
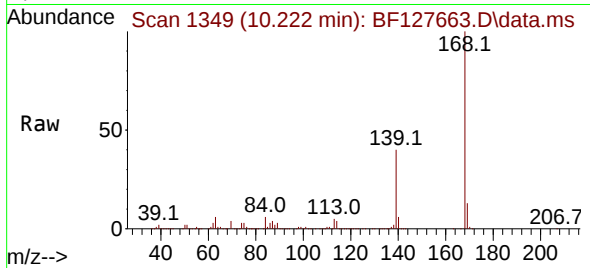




#55
Dibenzofuran
Concen: 47.108 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

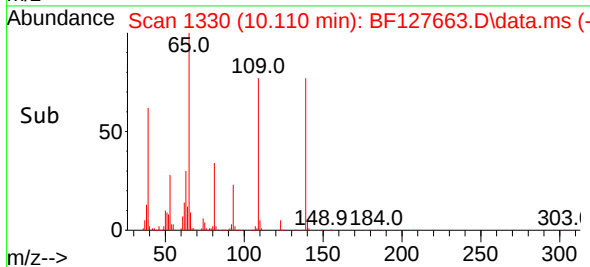
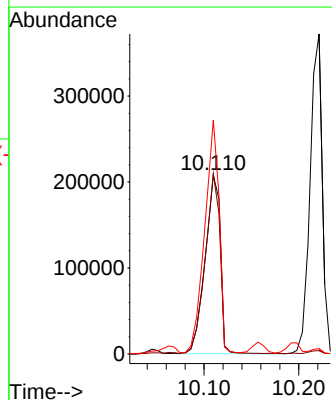
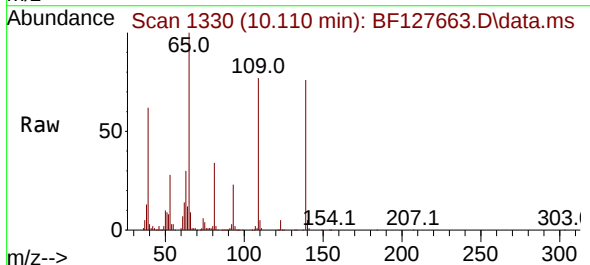
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

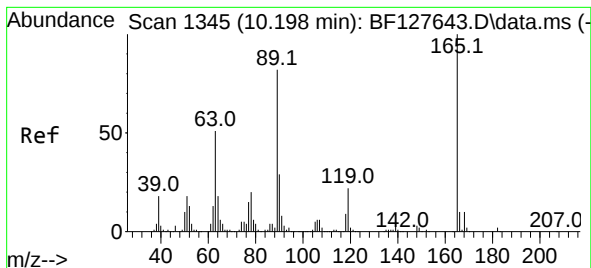
Tgt Ion:168 Resp: 828280
Ion Ratio Lower Upper
168 100
139 39.9 30.3 45.5
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 99.047 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:139 Resp: 232311
Ion Ratio Lower Upper
139 100
109 100.9 64.3 104.3
65 130.9 117.5 157.5

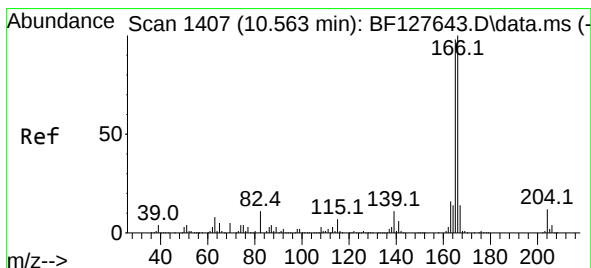
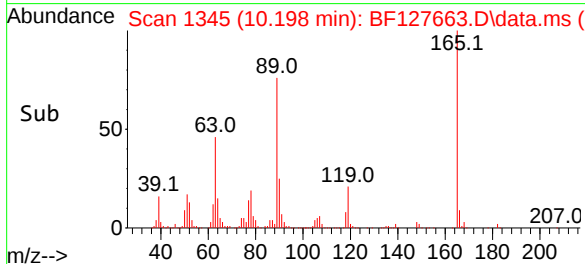
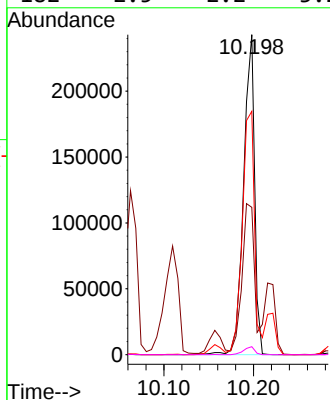
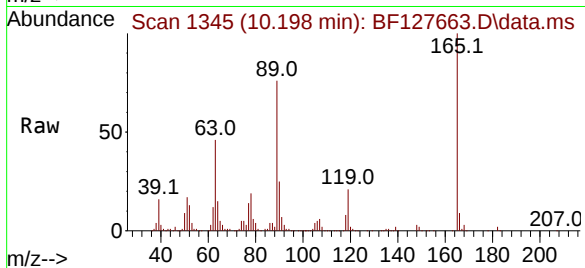




#57
2,4-Dinitrotoluene
Concen: 59.032 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

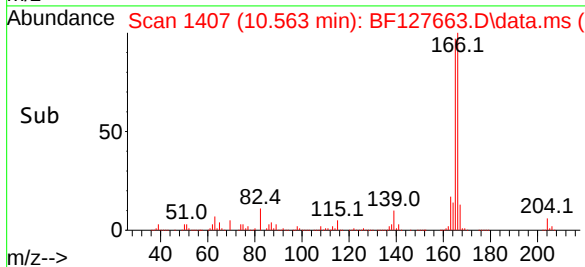
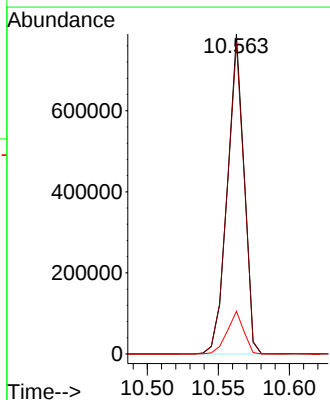
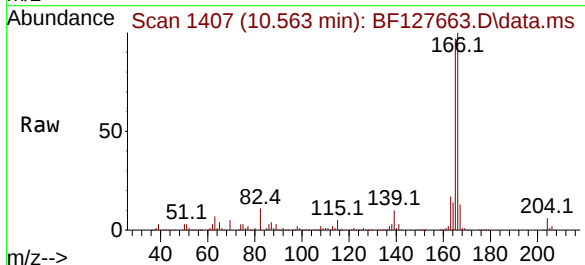
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

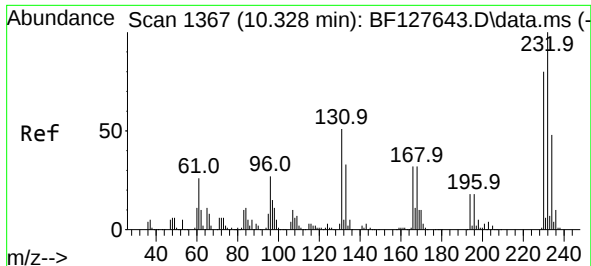
Tgt Ion:165 Resp: 206874
Ion Ratio Lower Upper
165 100
63 46.1 53.1 79.7#
89 76.0 69.2 103.8
182 2.5 2.2 3.2



#58
Fluorene
Concen: 49.417 ng
RT: 10.563 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:166 Resp: 641980
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.4 10.5 15.7

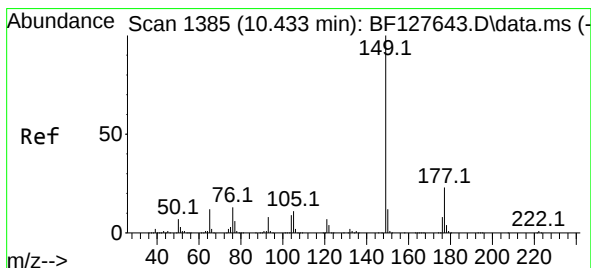
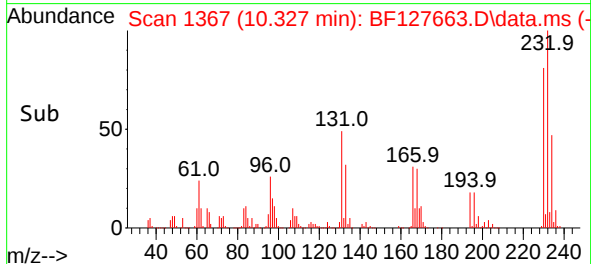
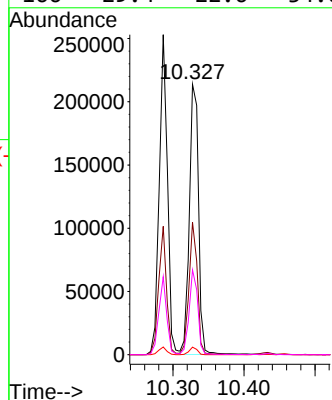
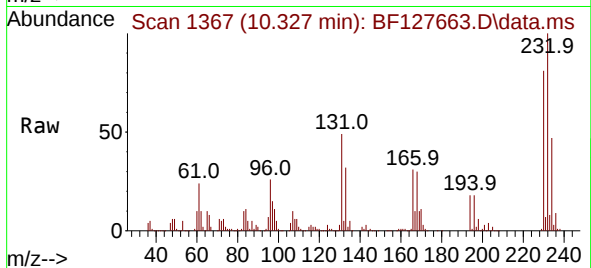




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.299 ng
RT: 10.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

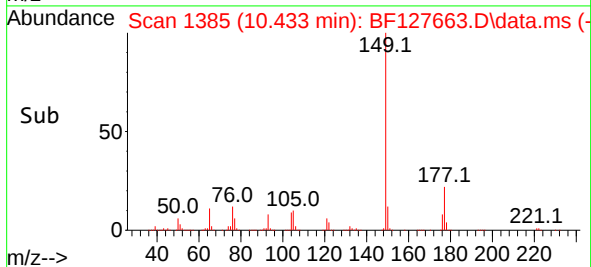
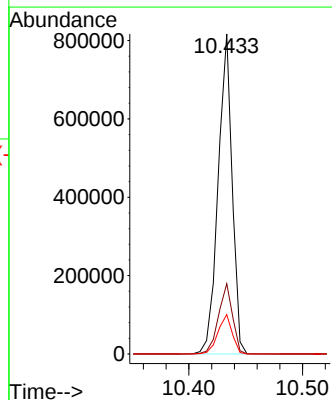
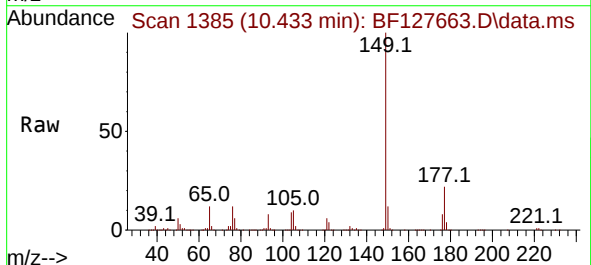
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

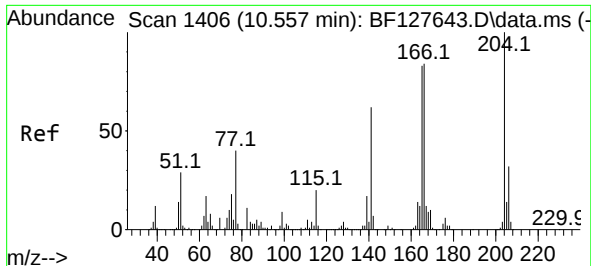
Tgt Ion:232 Resp: 191589
Ion Ratio Lower Upper
232 100
131 44.7 33.4 50.0
130 2.4 1.8 2.6
166 29.4 22.6 34.0



#60
Diethylphthalate
Concen: 48.853 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:149 Resp: 701024
Ion Ratio Lower Upper
149 100
177 22.0 18.9 28.3
150 12.3 10.0 15.0

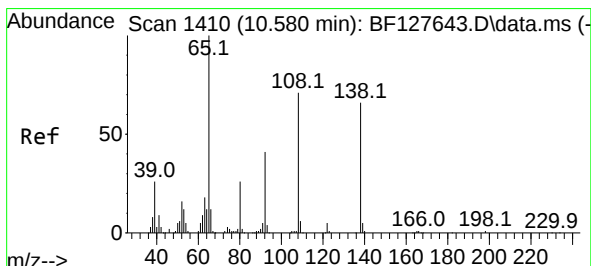
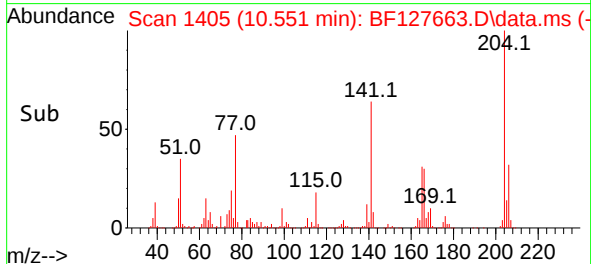
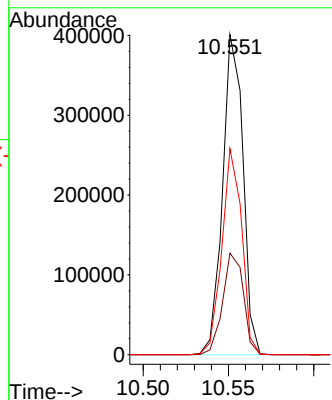
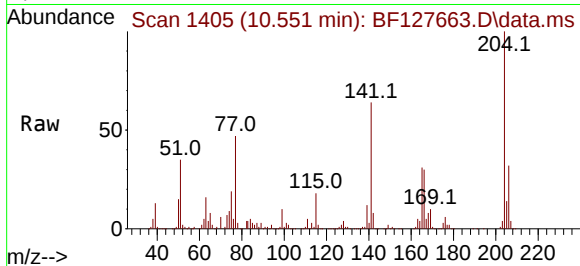




#61
4-Chlorophenyl-phenylether
Concen: 46.719 ng
RT: 10.551 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

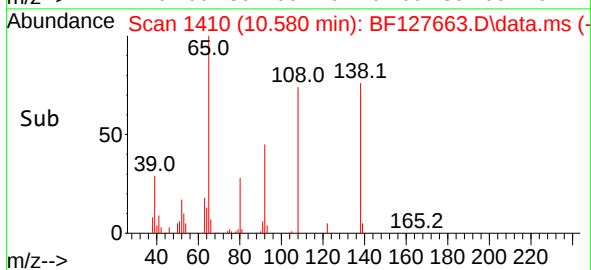
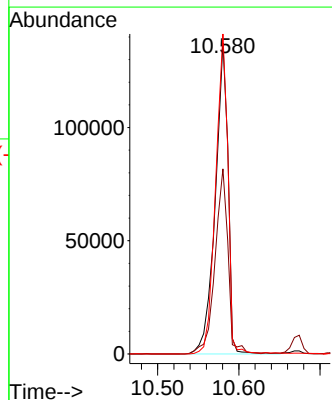
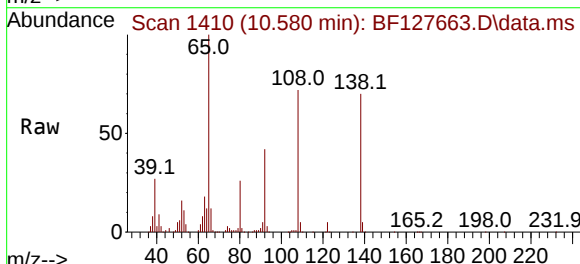
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

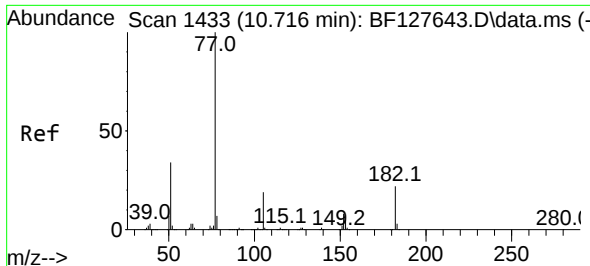
Tgt Ion:204 Resp: 333483
Ion Ratio Lower Upper
204 100
206 31.7 25.9 38.9
141 64.3 47.8 71.8



#62
4-Nitroaniline
Concen: 53.429 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:138 Resp: 150261
Ion Ratio Lower Upper
138 100
92 59.6 40.5 80.5
108 102.9 69.2 109.2

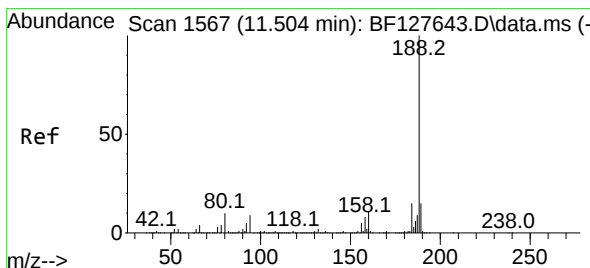
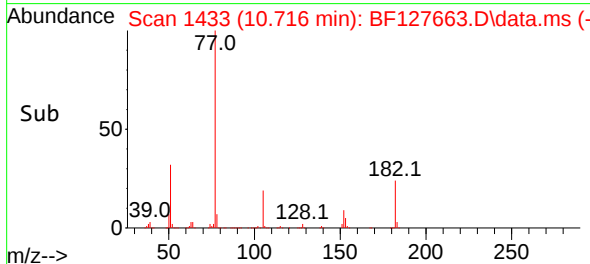
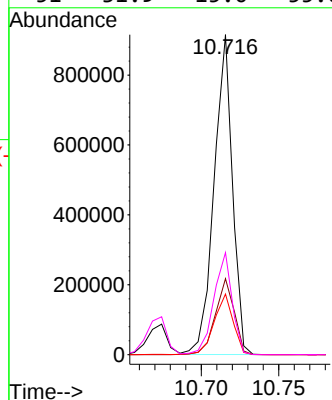
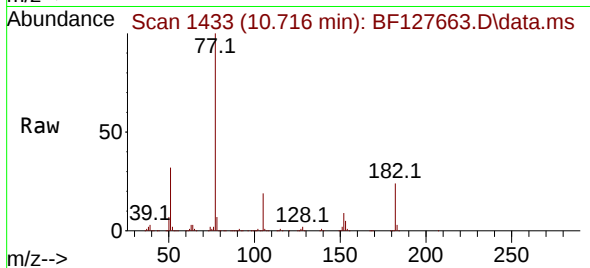




#63
Azobenzene
Concen: 47.078 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

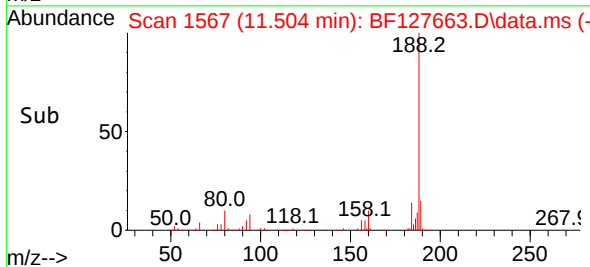
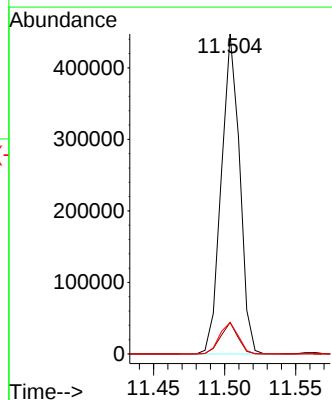
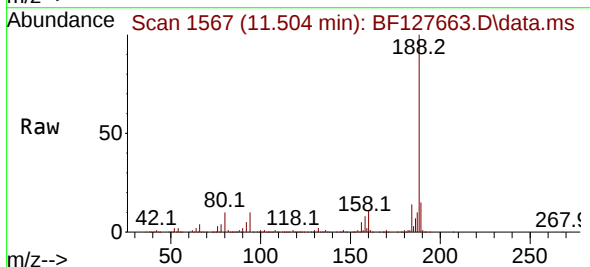
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

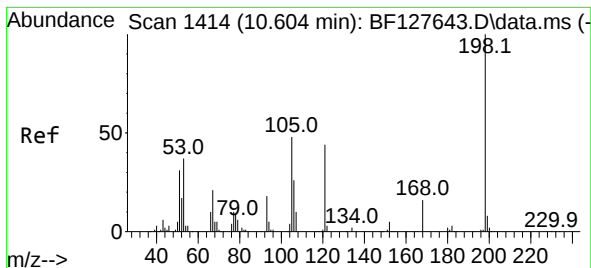
Tgt Ion: 77	Resp: 754886
Ion Ratio	Lower Upper
77 100	
182 23.7	4.5 44.5
105 18.9	0.3 40.3
51 31.9	15.0 55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:188	Resp: 401570
Ion Ratio	Lower Upper
188 100	
94 9.9	7.4 11.0
80 9.9	8.0 12.0

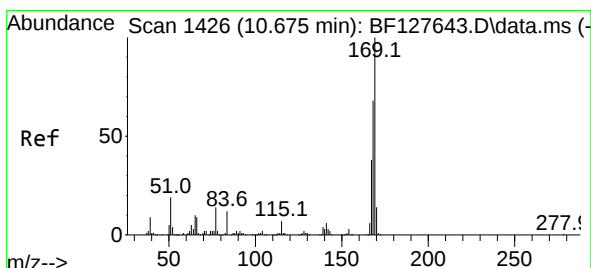
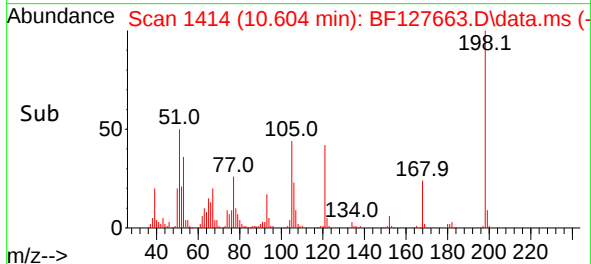
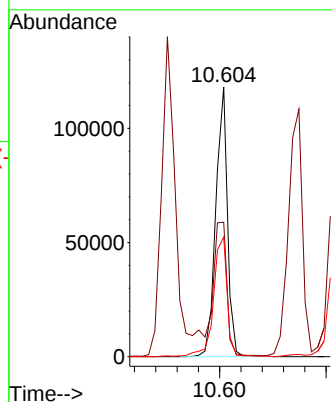
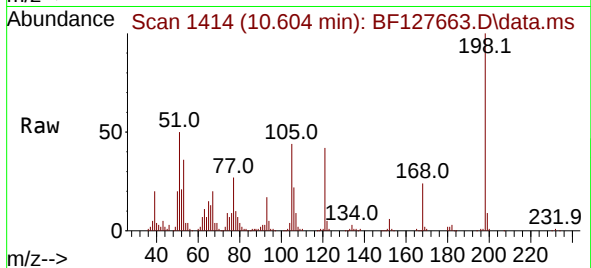




#65
4,6-Dinitro-2-methylphenol
Concen: 46.422 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

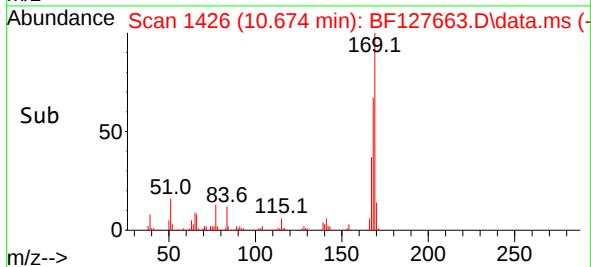
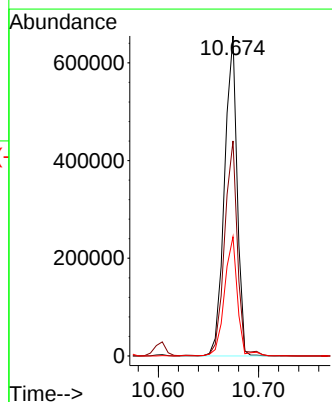
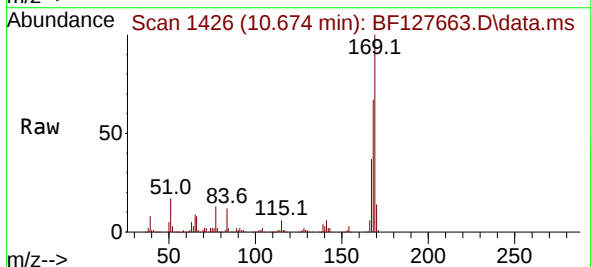
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

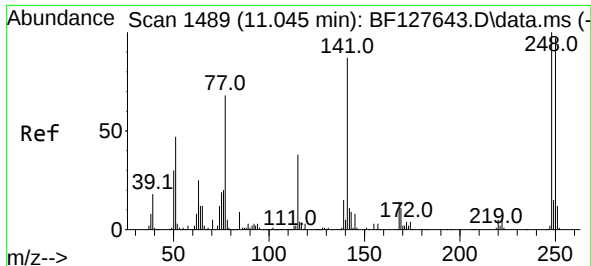
Tgt Ion:198 Resp: 90039
Ion Ratio Lower Upper
198 100
51 49.9 42.7 82.7
105 44.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 45.212 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:169 Resp: 571812
Ion Ratio Lower Upper
169 100
168 67.2 52.7 79.1
167 37.3 28.9 43.3

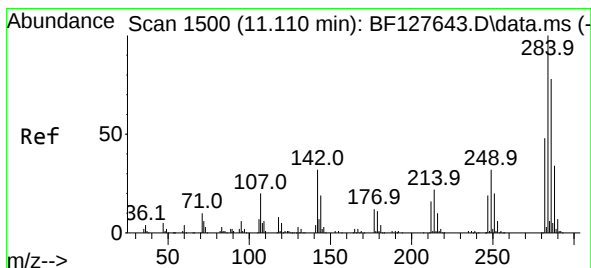
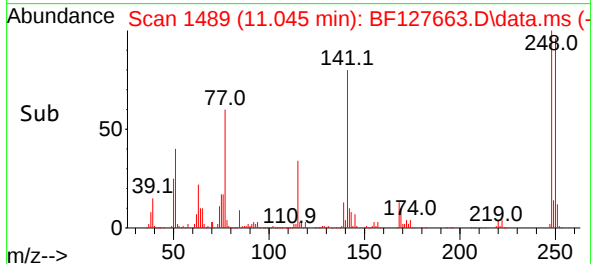
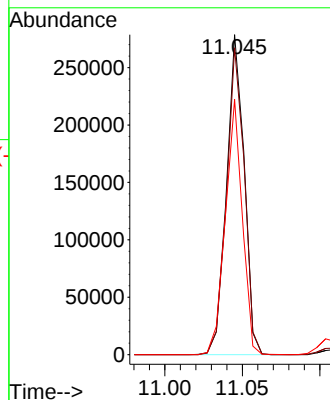
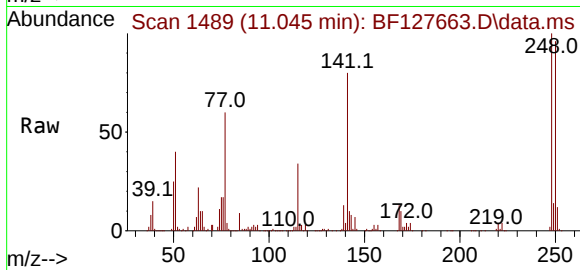




#67
4-Bromophenyl-phenylether
Concen: 45.311 ng
RT: 11.045 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

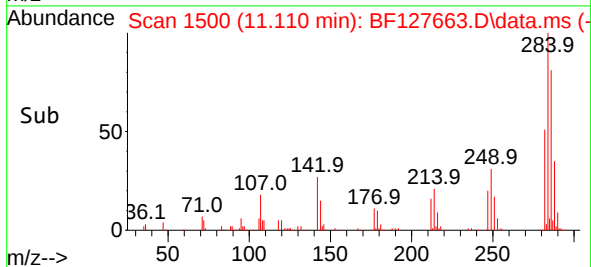
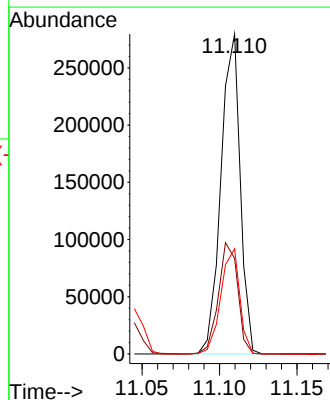
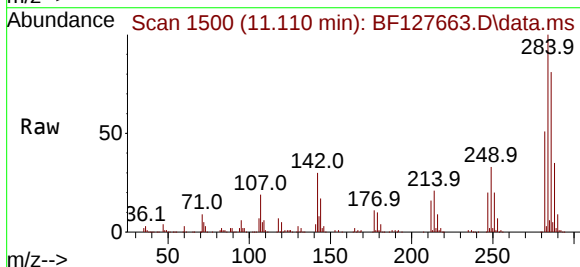
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:248 Resp: 220826
Ion Ratio Lower Upper
248 100
250 95.9 76.6 115.0
141 79.8 52.2 78.2#



#68
Hexachlorobenzene
Concen: 45.336 ng
RT: 11.110 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:284 Resp: 241531
Ion Ratio Lower Upper
284 100
142 29.9 23.8 35.8
249 32.9 23.9 35.9





#69

Atrazine

Concen: 50.836 ng

RT: 11.198 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

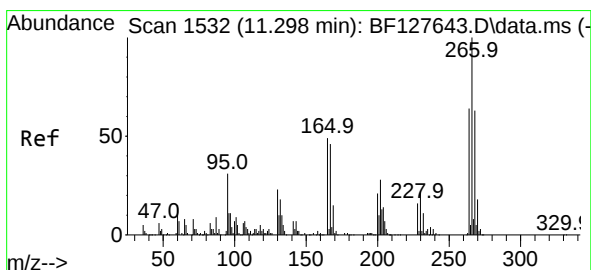
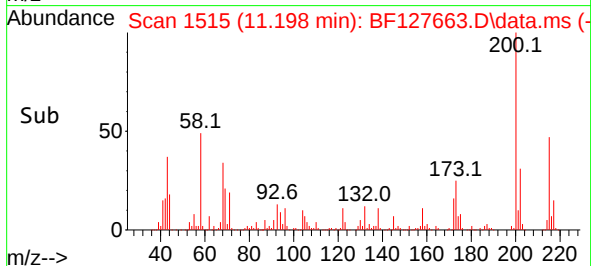
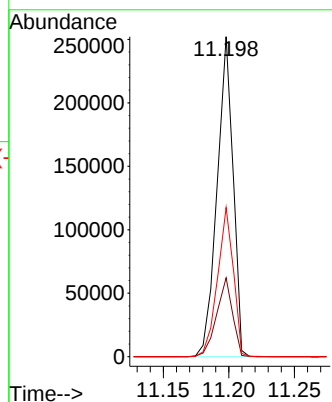
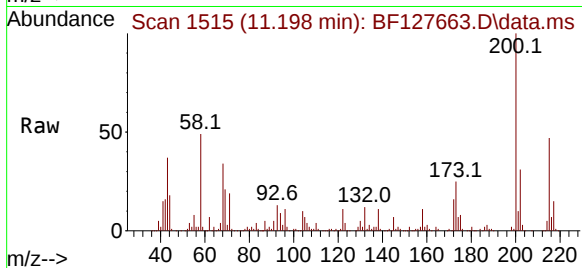
Tgt Ion:200 Resp: 213616

Ion Ratio Lower Upper

200 100

173 24.7 2.9 42.9

215 46.6 28.0 68.0



#70

Pentachlorophenol

Concen: 90.987 ng

RT: 11.304 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

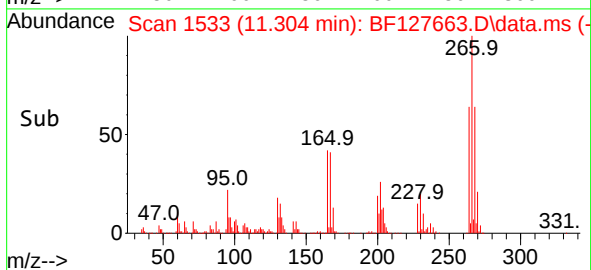
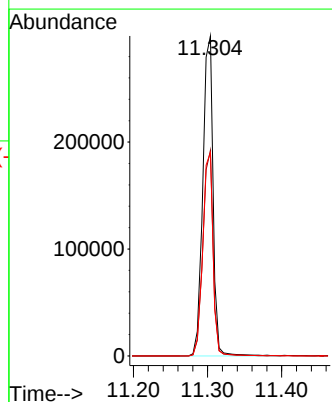
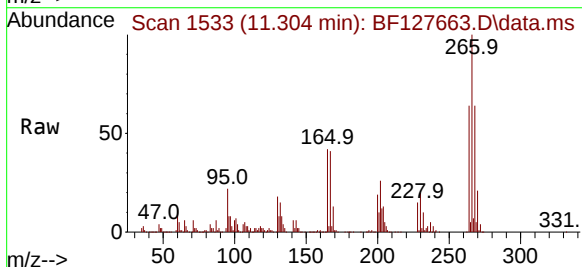
Tgt Ion:266 Resp: 289513

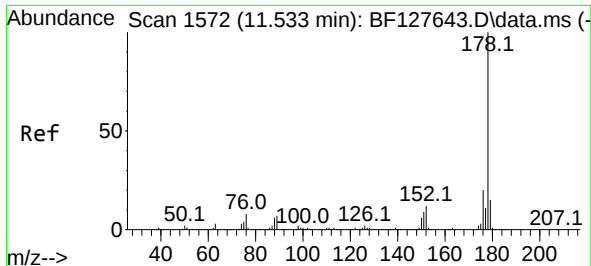
Ion Ratio Lower Upper

266 100

268 64.3 50.4 75.6

264 63.6 48.5 72.7

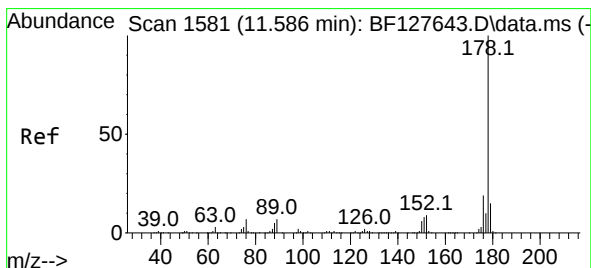
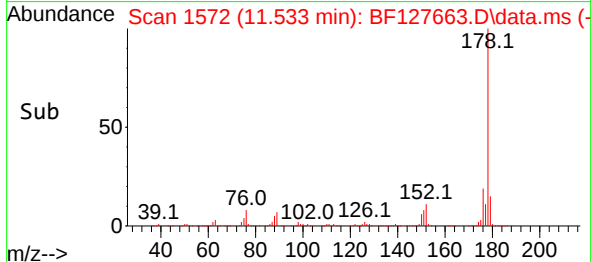
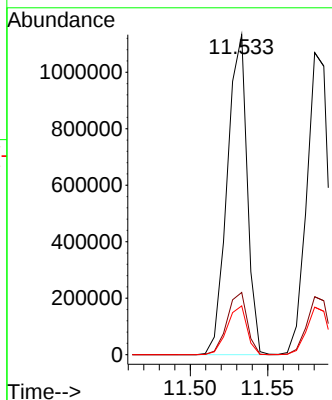
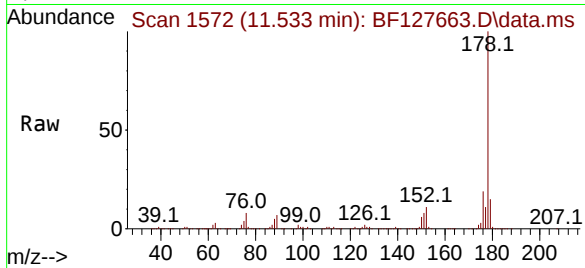




#71
Phenanthrene
Concen: 47.674 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

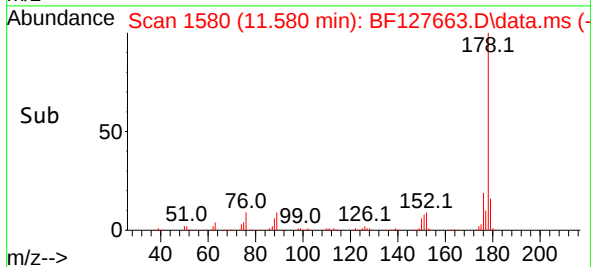
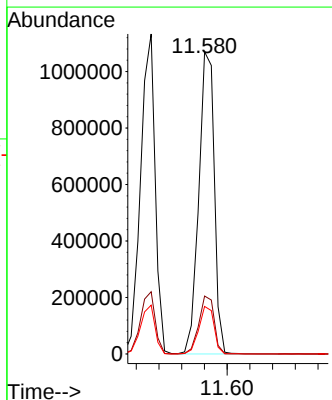
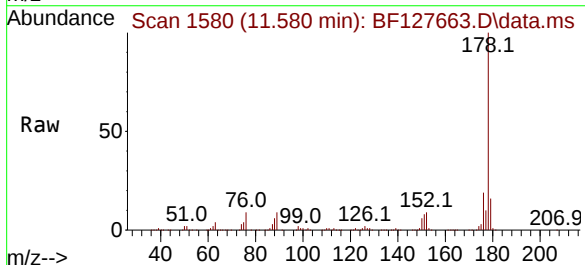
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

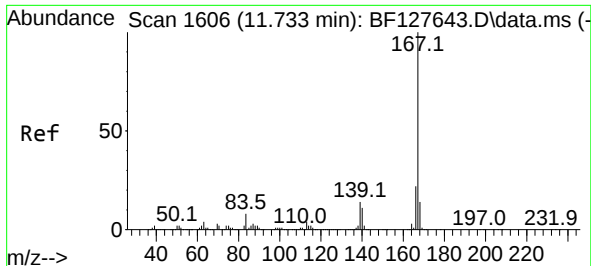
Tgt Ion:178 Resp: 1014333
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.2 12.4 18.6



#72
Anthracene
Concen: 48.233 ng
RT: 11.580 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:178 Resp: 1015122
Ion Ratio Lower Upper
178 100
176 19.2 14.6 22.0
179 15.7 12.4 18.6

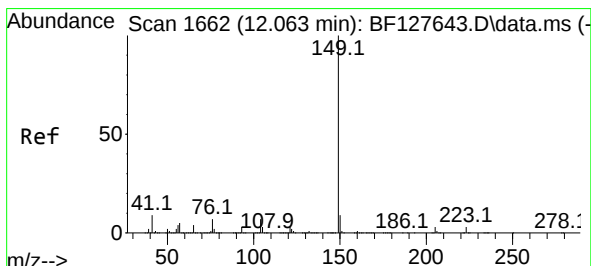
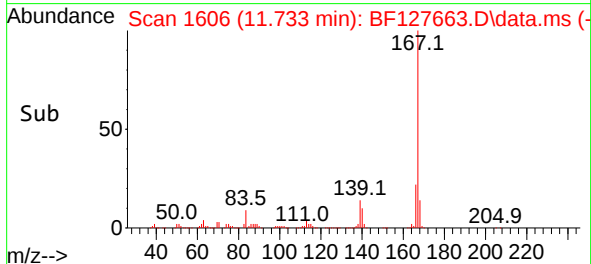
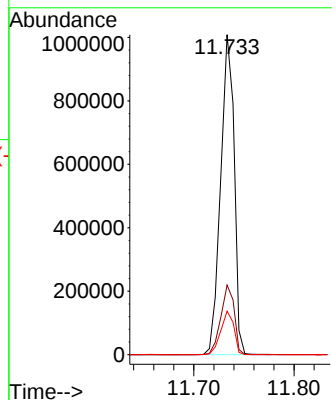
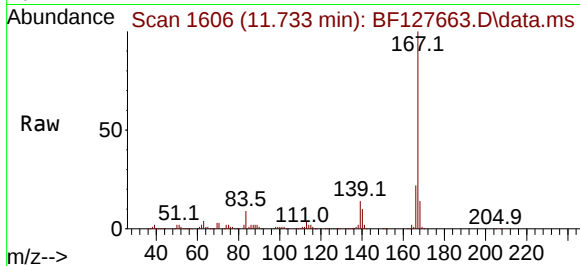




#73
 Carbazole
 Concen: 47.862 ng
 RT: 11.733 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

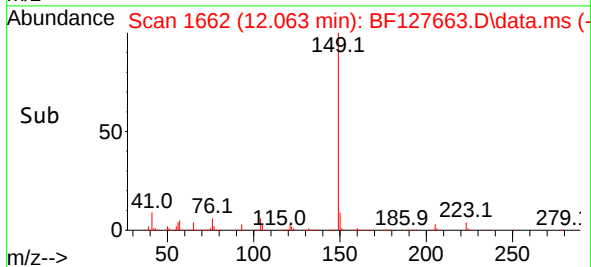
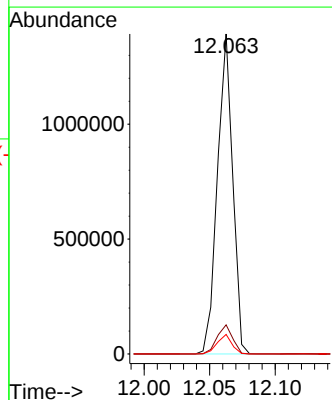
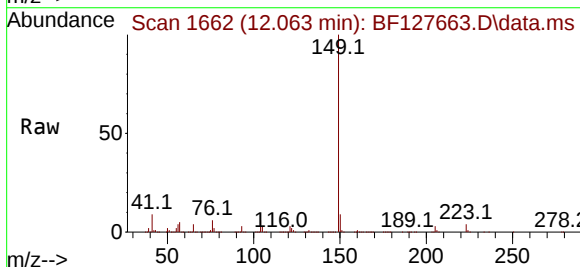
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMMS

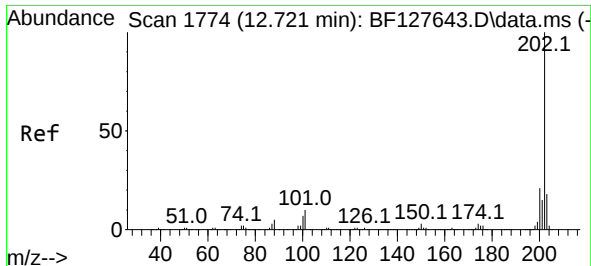
Tgt Ion:167 Resp: 943883
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 13.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 47.819 ng
 RT: 12.063 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

Tgt Ion:149 Resp: 1127325
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 6.1 4.2 6.2

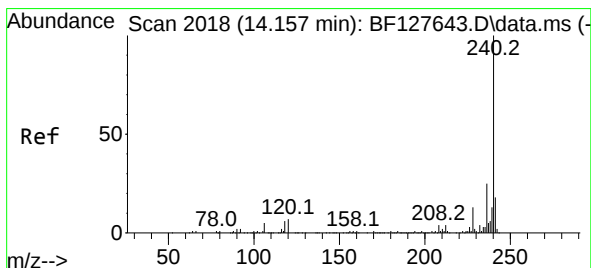
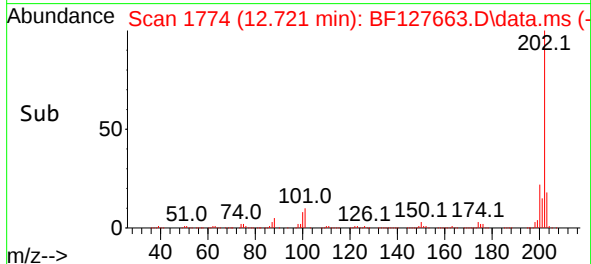
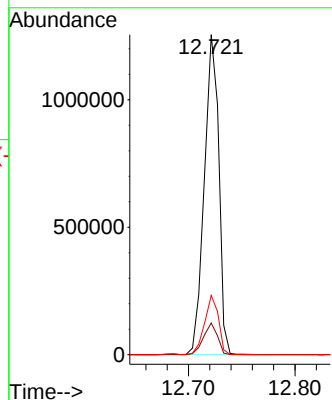
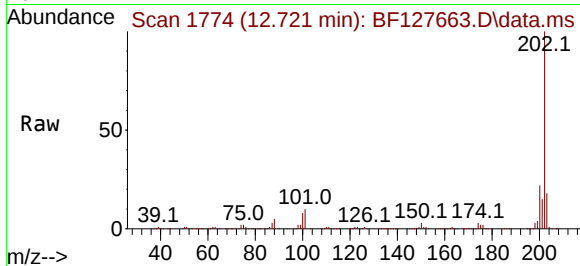




#75
Fluoranthene
Concen: 51.090 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

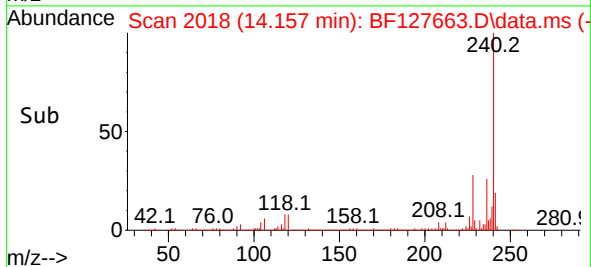
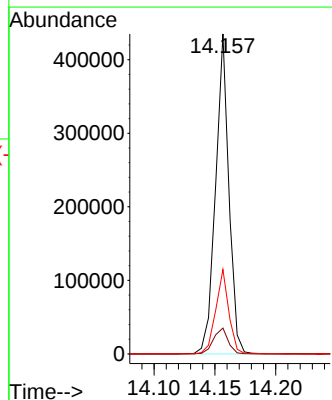
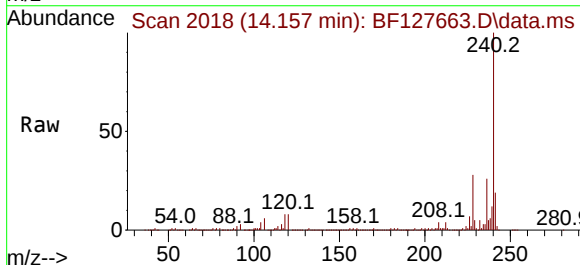
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

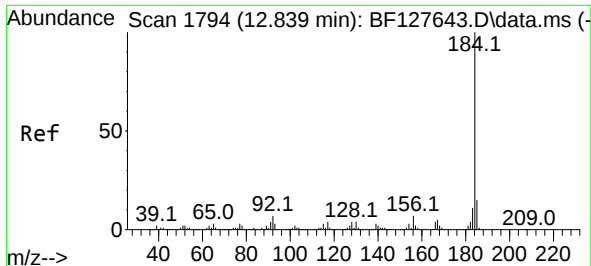
Tgt Ion:202 Resp: 1186186
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.0
203 18.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:240 Resp: 330803
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 26.4 20.7 31.1

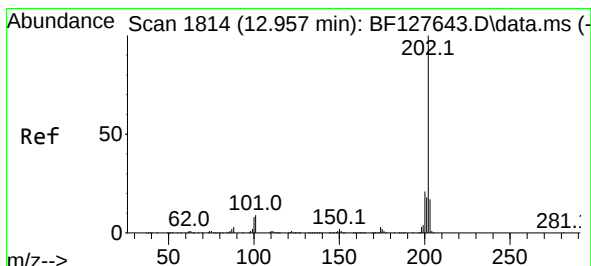
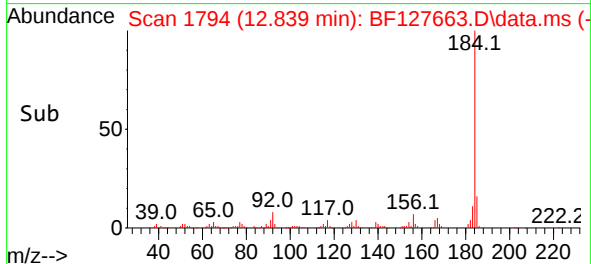
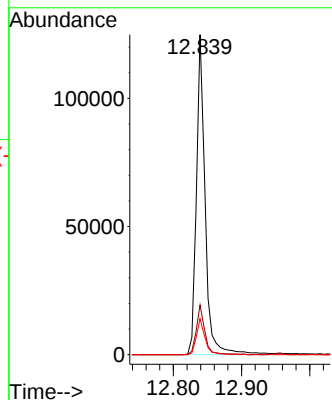
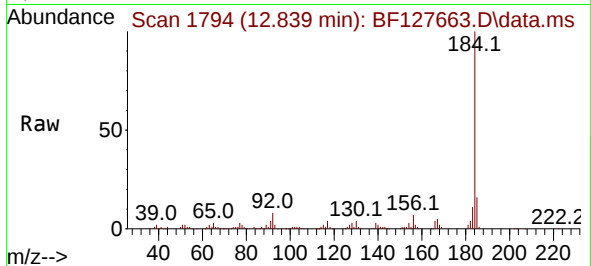




#77
Benzidine
Concen: 12.815 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

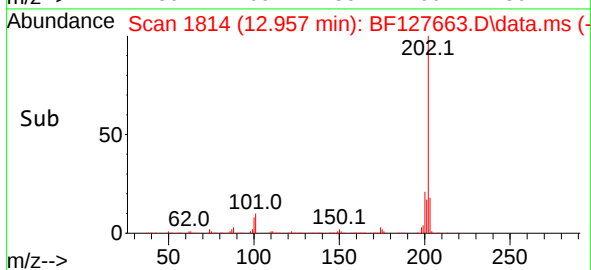
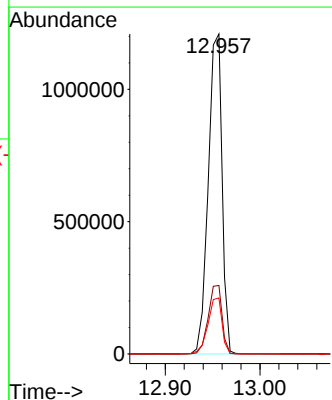
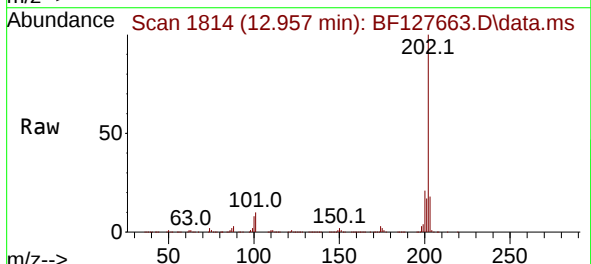
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

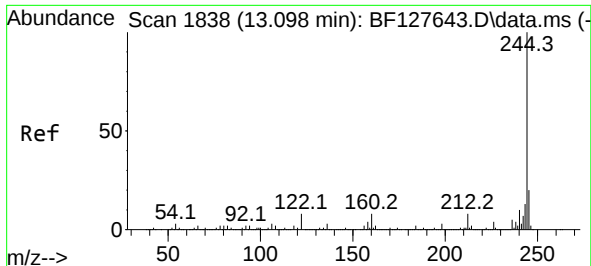
Tgt Ion:184 Resp: 110647
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 11.2 9.4 14.0



#78
Pyrene
Concen: 43.764 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

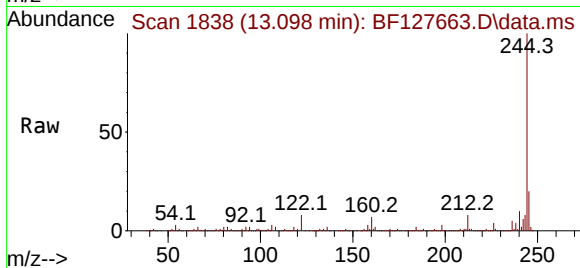
Tgt Ion:202 Resp: 1222511
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.5 14.3 21.5





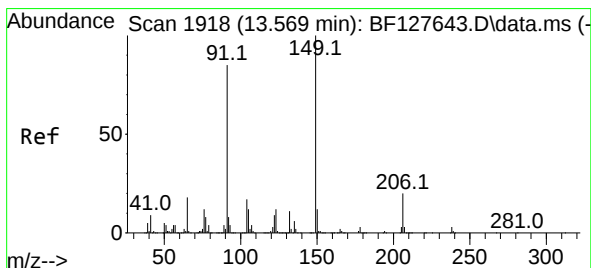
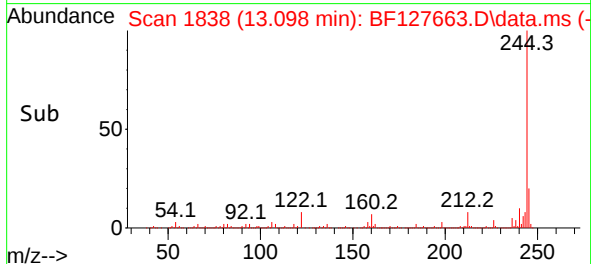
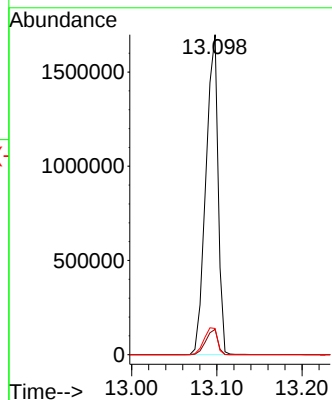
#79
 Terphenyl-d14
 Concen: 83.991 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMMS



Tgt Ion:244 Resp: 1683293

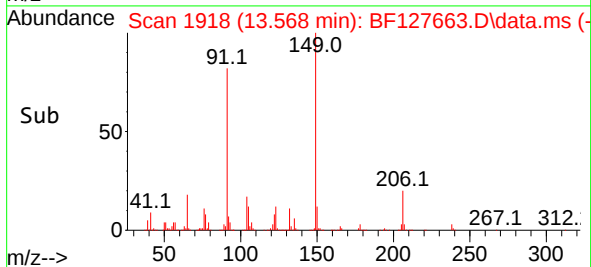
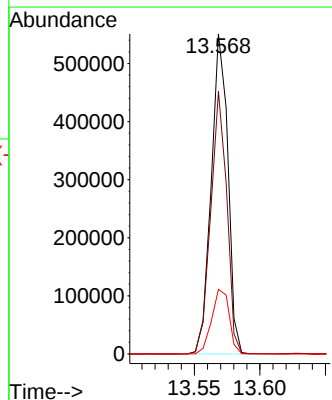
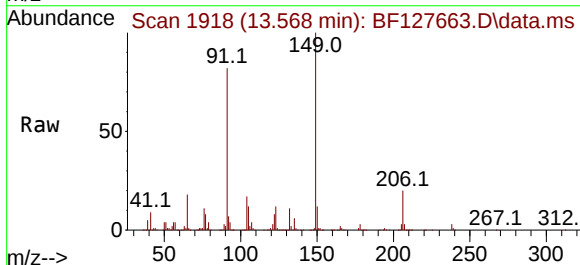
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	8.2	6.2	9.2

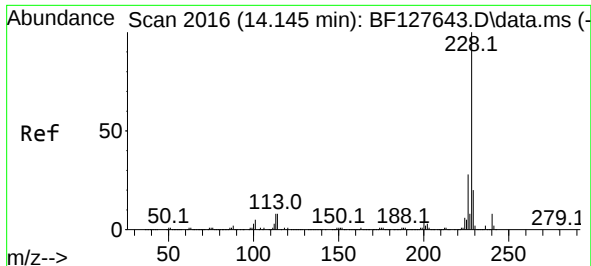


#80
 Butylbenzylphthalate
 Concen: 46.791 ng
 RT: 13.568 min Scan# 1918
 Delta R.T. -0.000 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

Tgt Ion:149 Resp: 486662

Ion	Ratio	Lower	Upper
149	100		
91	82.0	69.1	103.7
206	20.2	17.7	26.5

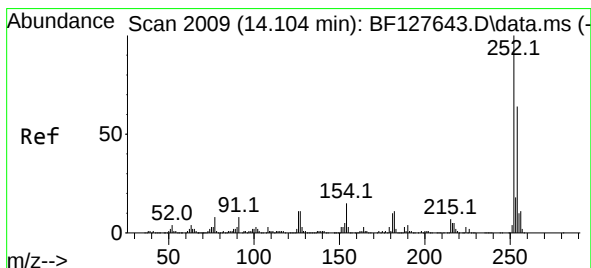
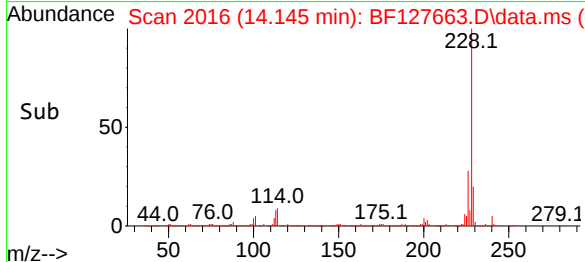
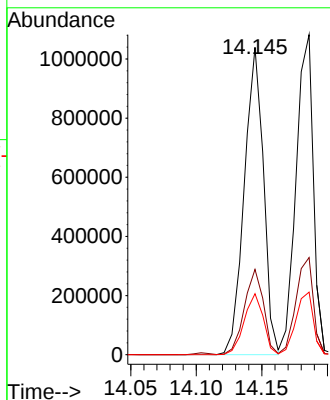
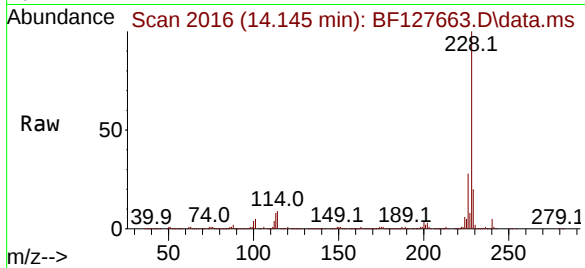




#81
Benzo(a)anthracene
Concen: 48.002 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

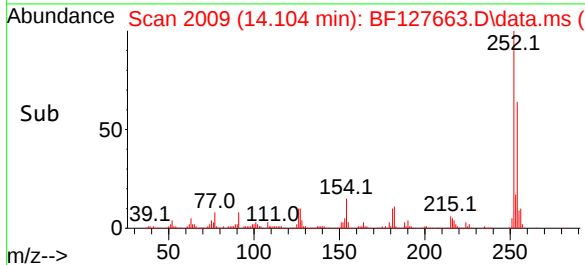
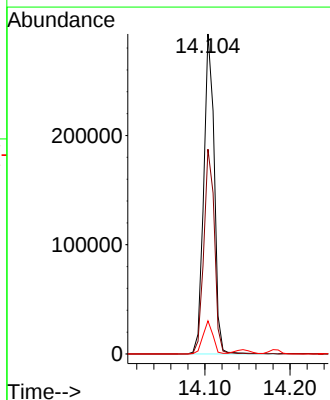
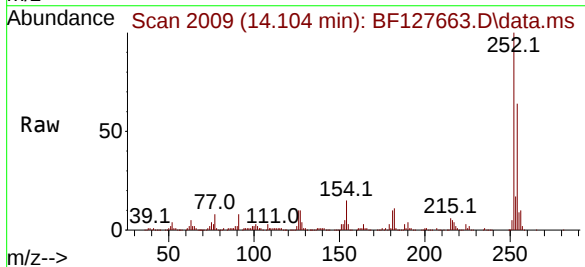
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

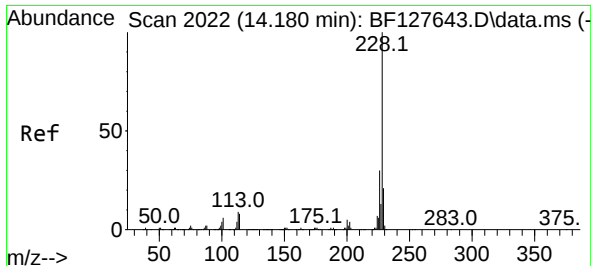
Tgt Ion:228 Resp: 1060561
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 36.463 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:252 Resp: 251154
Ion Ratio Lower Upper
252 100
254 64.0 50.2 75.4
126 10.4 8.7 13.1

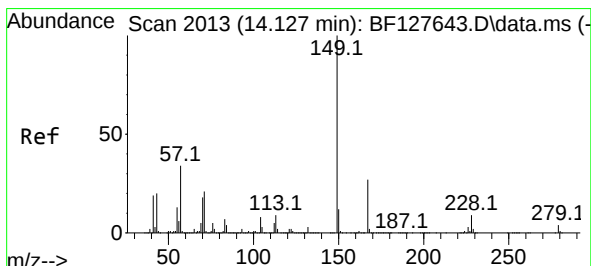
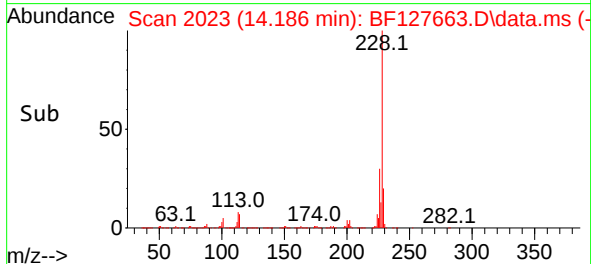
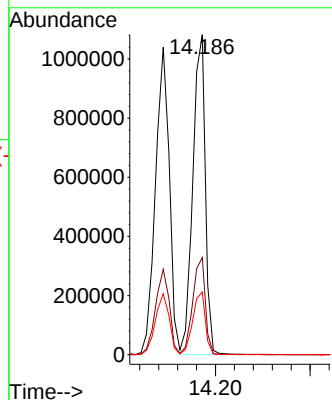
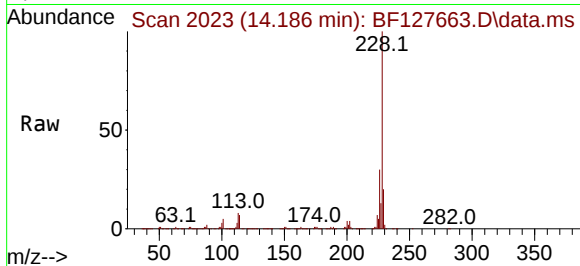




#83
Chrysene
Concen: 46.797 ng
RT: 14.186 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

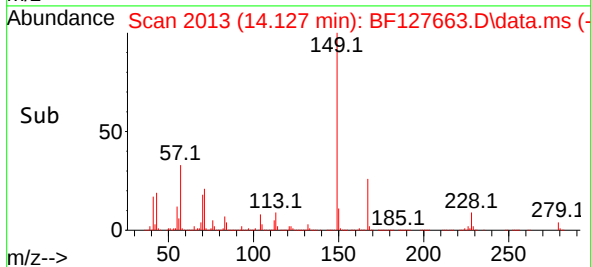
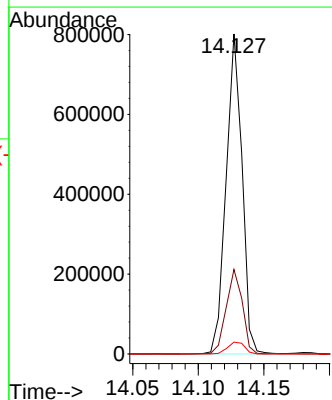
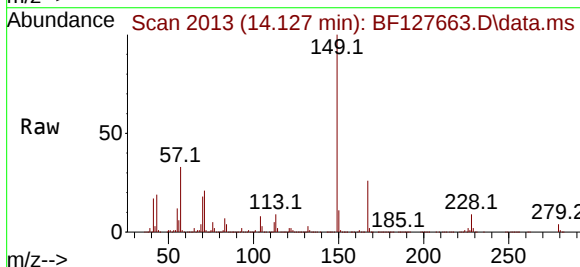
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

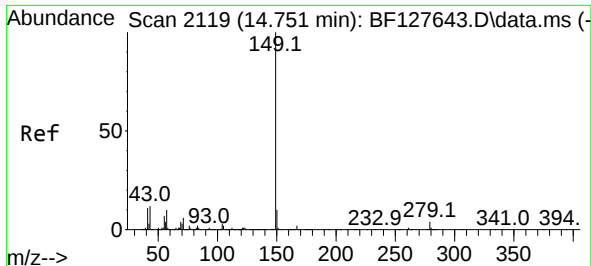
Tgt Ion:228 Resp: 992490
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 19.6 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.117 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:149 Resp: 676089
Ion Ratio Lower Upper
149 100
167 26.4 22.9 34.3
279 3.7 3.2 4.8

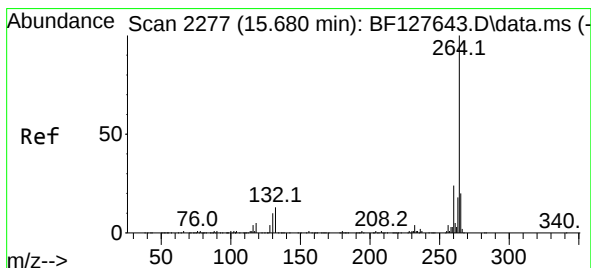
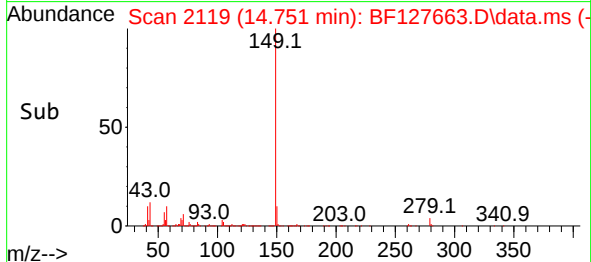
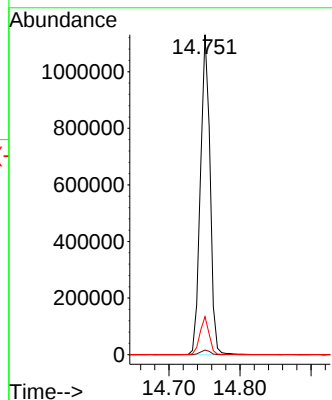
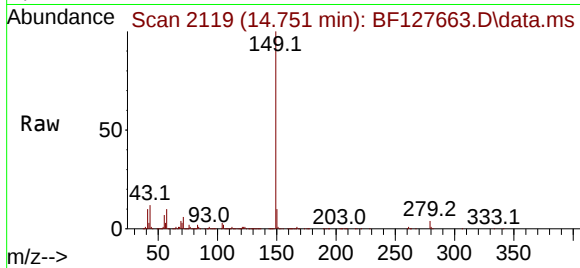




#85
Di-n-octyl phthalate
Concen: 49.851 ng
RT: 14.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

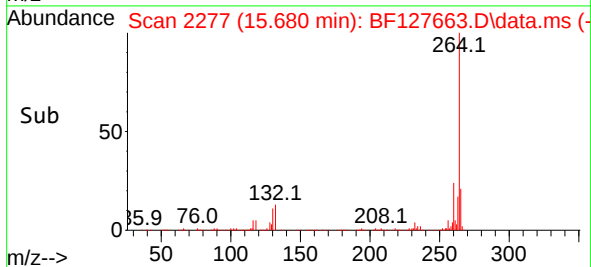
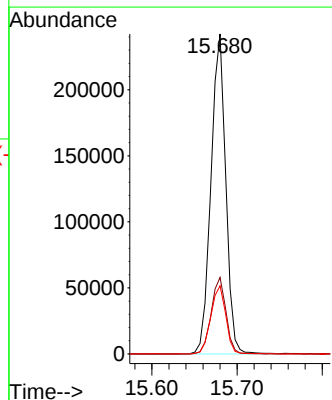
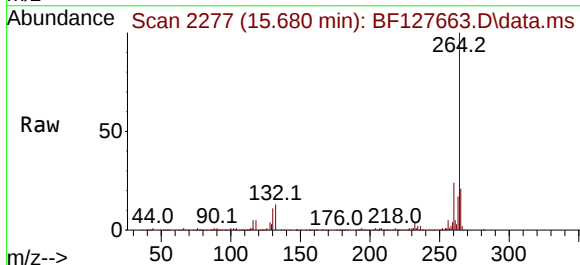
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMMS

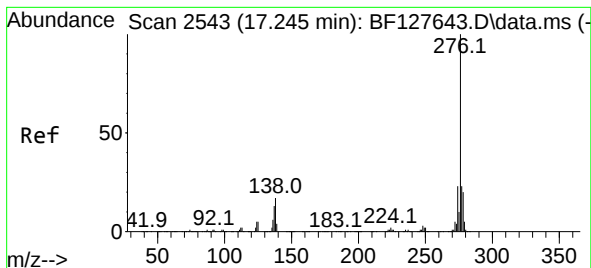
Tgt Ion:149 Resp: 1068600
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.3 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF127663.D
Acq: 06 Apr 2022 22:33

Tgt Ion:264 Resp: 292259
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.202 ng

RT: 17.250 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

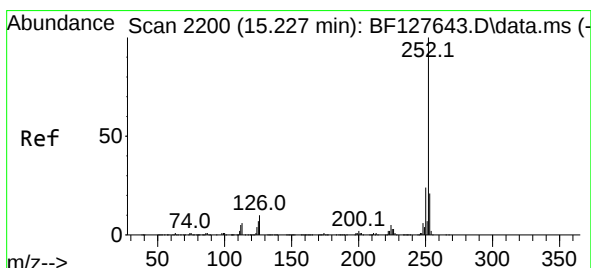
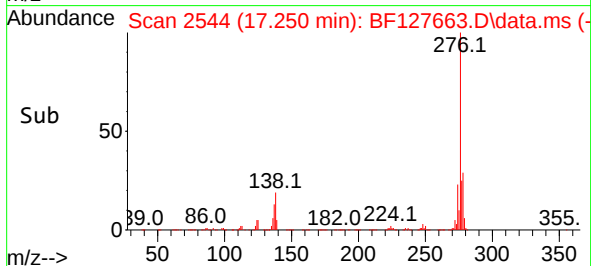
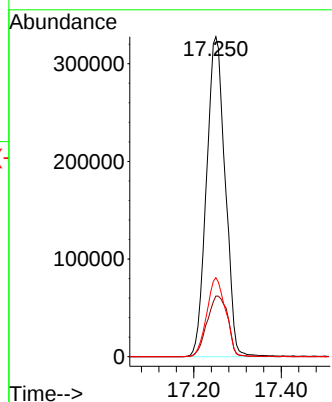
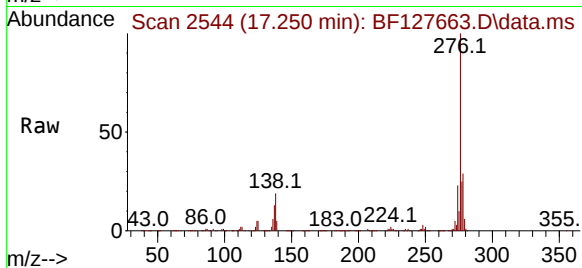
Tgt Ion:276 Resp: 971482

Ion Ratio Lower Upper

276 100

138 21.2 17.1 25.7

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 49.109 ng

RT: 15.227 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

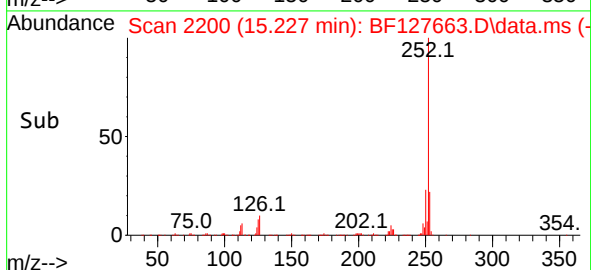
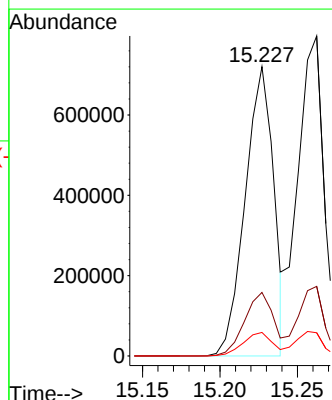
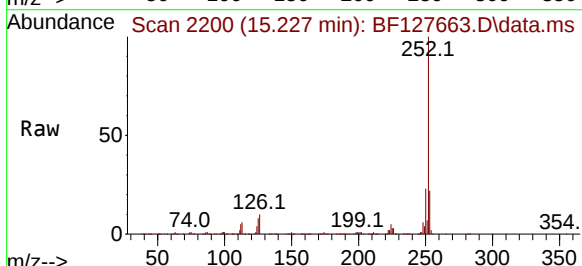
Tgt Ion:252 Resp: 923307

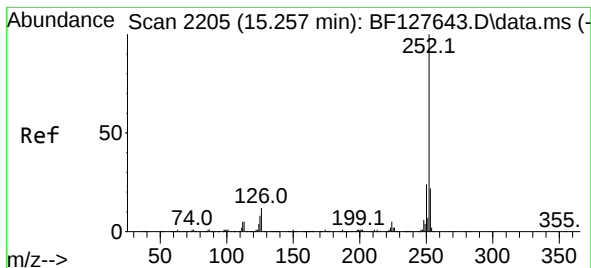
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 8.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 49.735 ng

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMMS

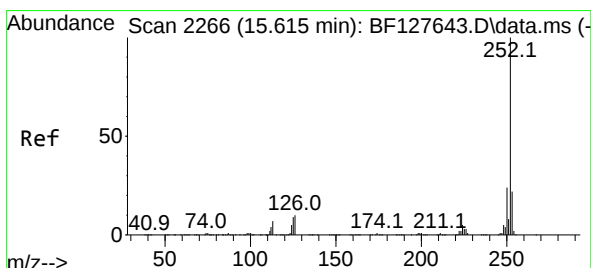
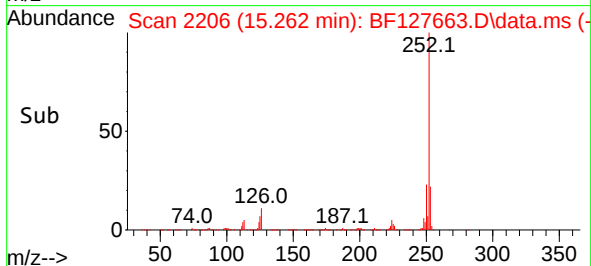
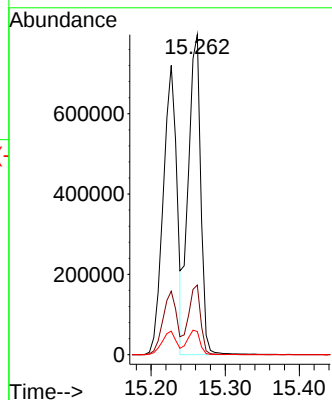
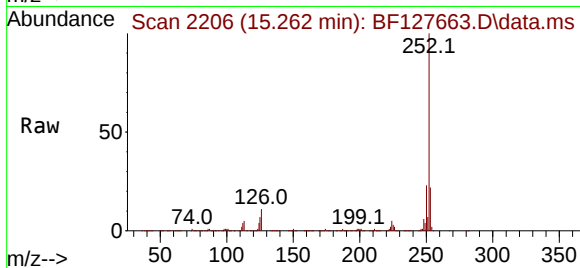
Tgt Ion:252 Resp: 927403

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 7.2 6.9 10.3



#90

Benzo(a)pyrene

Concen: 57.576 ng

RT: 15.615 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BF127663.D

Acq: 06 Apr 2022 22:33

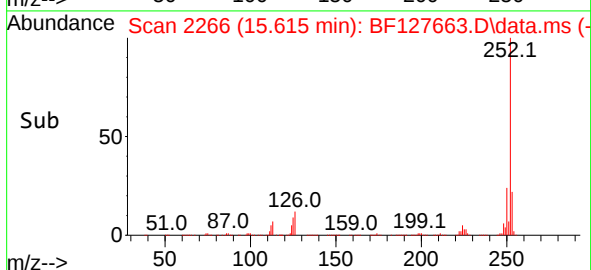
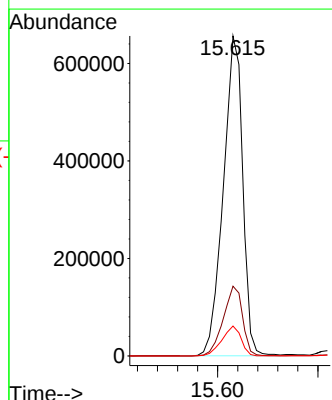
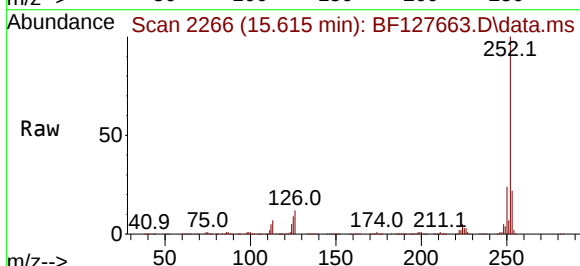
Tgt Ion:252 Resp: 879840

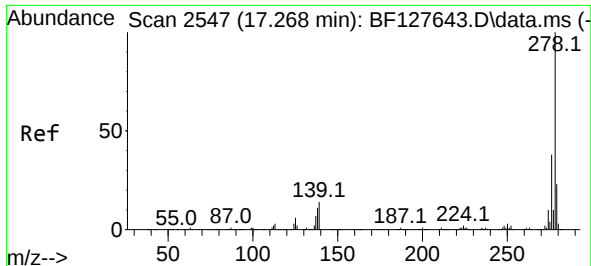
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 9.3 6.7 10.1

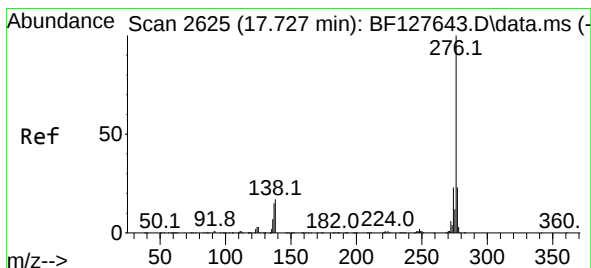
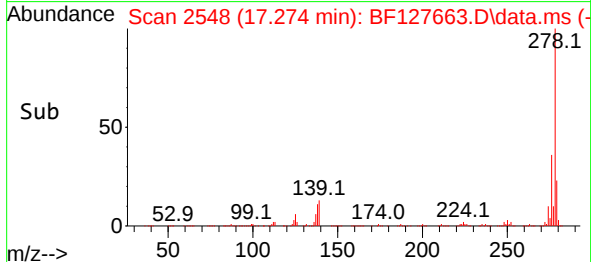
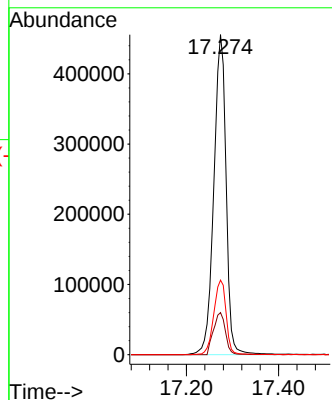
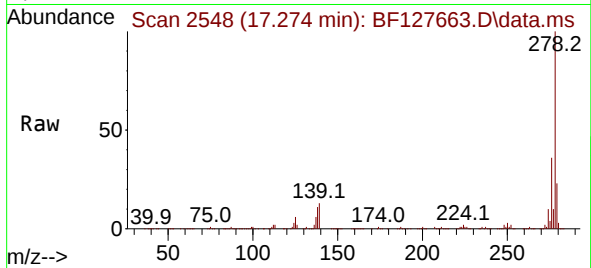




#91
 Dibenzo(a,h)anthracene
 Concen: 56.975 ng
 RT: 17.274 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMMS

Tgt Ion:278 Resp: 842942
 Ion Ratio Lower Upper
 278 100
 139 13.2 10.8 16.2
 279 23.3 17.7 26.5



#92
 Benzo(g,h,i)perylene
 Concen: 55.702 ng
 RT: 17.733 min Scan# 2626
 Delta R.T. 0.006 min
 Lab File: BF127663.D
 Acq: 06 Apr 2022 22:33

Tgt Ion:276 Resp: 844862
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.0 28.4
 138 17.9 14.6 22.0

