

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130346.D
 Acq On : 20 Sep 2022 16:07
 Operator : CG\JU
 Sample : N4700-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS

Quant Time: Sep 21 05:14:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	117035	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	461611	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	243321	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	387152	20.000	ng	0.00
76) Chrysene-d12	13.804	240	222179	20.000	ng	0.00
86) Perylene-d12	15.192	264	214968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	767001	113.670	ng	0.02
7) Phenol-d6	6.310	99	971105	115.021	ng	0.01
23) Nitrobenzene-d5	7.228	82	624781	69.147	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	304727	130.701	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1160733	69.466	ng	0.00
79) Terphenyl-d14	12.757	244	981545	73.181	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.381	88	109812	35.436	ng	97
3) Pyridine	3.063	79	196054	24.252	ng	98
4) n-Nitrosodimethylamine	3.016	42	164930	37.512	ng	97
6) Aniline	6.357	93	121143	11.645	ng	# 93
8) 2-Chlorophenol	6.445	128	354357	46.102	ng	96
9) Benzaldehyde	6.210	77	203729	36.024	ng	93
10) Phenol	6.322	94	413321	41.774	ng	97
11) bis(2-Chloroethyl)ether	6.404	93	328670	46.055	ng	90
12) 1,3-Dichlorobenzene	6.598	146	380974	45.045	ng	98
13) 1,4-Dichlorobenzene	6.675	146	387934	44.979	ng	99
14) 1,2-Dichlorobenzene	6.828	146	365952	45.421	ng	99
15) Benzyl Alcohol	6.816	79	264580	39.525	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.939	45	407063	39.108	ng	57
17) 2-Methylphenol	6.934	107	280502	44.892	ng	94
18) Hexachloroethane	7.169	117	150440	44.251	ng	98
19) n-Nitroso-di-n-propyla...	7.087	70	241528	42.395	ng	94
20) 3+4-Methylphenols	7.087	107	359839	44.332	ng	# 57
22) Acetophenone	7.075	105	504560	44.708	ng	92
24) Nitrobenzene	7.245	77	373413	40.701	ng	98
25) Isophorone	7.486	82	665989	45.731	ng	99
26) 2-Nitrophenol	7.563	139	188711	50.176	ng	91
27) 2,4-Dimethylphenol	7.610	122	310914	53.690	ng	96
28) bis(2-Chloroethoxy)met...	7.704	93	397900	48.523	ng	99
29) 2,4-Dichlorophenol	7.810	162	295889	46.627	ng	96
30) 1,2,4-Trichlorobenzene	7.886	180	307256	44.784	ng	96
31) Naphthalene	7.963	128	1022755	43.006	ng	99
32) Benzoic acid	7.757	122	205954	45.990	ng	91
33) 4-Chloroaniline	8.075	127	158091	17.478	ng	93
34) Hexachlorobutadiene	8.081	225	197584	45.062	ng	100
35) Caprolactam	8.410	113	54283	29.838	ng	# 86
36) 4-Chloro-3-methylphenol	8.516	107	325831	46.323	ng	98
37) 2-Methylnaphthalene	8.657	142	669864	44.178	ng	97
38) 1-Methylnaphthalene	8.757	142	641710	44.055	ng	98
40) 1,2,4,5-Tetrachloroben...	8.822	216	308460	46.452	ng	99
41) Hexachlorocyclopentadiene	8.810	237	402063	113.092	ng	98
43) 2,4,6-Trichlorophenol	8.939	196	212350	45.821	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	228099	45.611	ng	97
46) 1,1'-Biphenyl	9.122	154	827259	45.523	ng	99
47) 2-Chloronaphthalene	9.145	162	648913	44.143	ng	98
48) 2-Nitroaniline	9.245	65	200860	40.967	ng	95
49) Acenaphthylene	9.557	152	981495	44.531	ng	99
50) Dimethylphthalate	9.433	163	763172	45.406	ng	98
51) 2,6-Dinitrotoluene	9.492	165	165444	47.067	ng	# 82
52) Acenaphthene	9.728	154	577022	39.846	ng	99
53) 3-Nitroaniline	9.663	138	131400	33.548	ng	94
54) 2,4-Dinitrophenol	9.769	184	186591	96.459	ng	# 83
55) Dibenzofuran	9.904	168	877566	43.567	ng	96
56) 4-Nitrophenol	9.839	139	253066	88.707	ng	# 81
57) 2,4-Dinitrotoluene	9.892	165	217938	48.513	ng	93
58) Fluorene	10.245	166	715008	43.405	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.022	232	174401	44.554	ng	94
60) Diethylphthalate	10.128	149	753651	44.715	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	329968	45.661	ng	95
62) 4-Nitroaniline	10.275	138	153080	38.905	ng	97
63) Azobenzene	10.398	77	677500	39.037	ng	95
65) 4,6-Dinitro-2-methylph...	10.298	198	114009	52.901	ng	82
66) n-Nitrosodiphenylamine	10.363	169	599416	46.332	ng	99
67) 4-Bromophenyl-phenylether	10.727	248	211136	49.436	ng	91
68) Hexachlorobenzene	10.786	284	233988	48.331	ng	96
69) Atrazine	10.892	200	185863	49.160	ng	97
70) Pentachlorophenol	10.986	266	245416	94.452	ng	99
71) Phenanthrene	11.204	178	1068030	49.136	ng	99
72) Anthracene	11.251	178	962448	45.883	ng	100
73) Carbazole	11.410	167	833682	44.039	ng	99
74) Di-n-butylphthalate	11.745	149	1087032	47.618	ng	99
75) Fluoranthene	12.386	202	1086050	51.707	ng	97
78) Pyrene	12.610	202	1072132	55.161	ng	99
80) Butylbenzylphthalate	13.239	149	371323	51.570	ng	92
81) Benzo(a)anthracene	13.792	228	767100	51.900	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	193318	48.049	ng	100
83) Chrysene	13.833	228	724020	51.590	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	505186	61.253	ng	# 98
85) Di-n-octyl phthalate	14.410	149	742410	58.853	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	726869	47.681	ng	98
88) Benzo(b)fluoranthene	14.810	252	811736	57.854	ng	98
89) Benzo(k)fluoranthene	14.833	252	650306	47.116	ng	99
90) Benzo(a)pyrene	15.139	252	660050	59.379	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	597030	47.741	ng	97
92) Benzo(g,h,i)perylene	16.927	276	607657	48.236	ng	99

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

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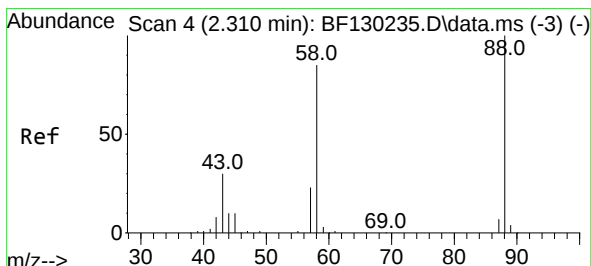
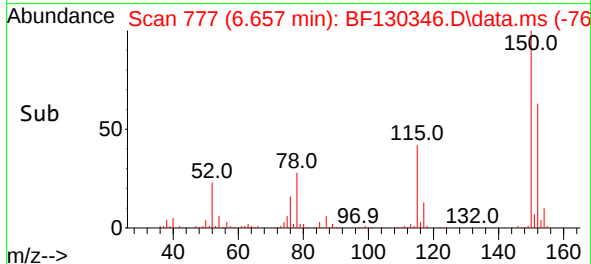
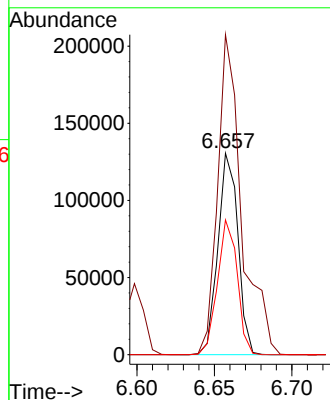
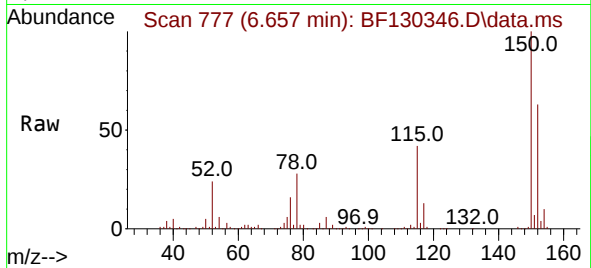




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.657 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

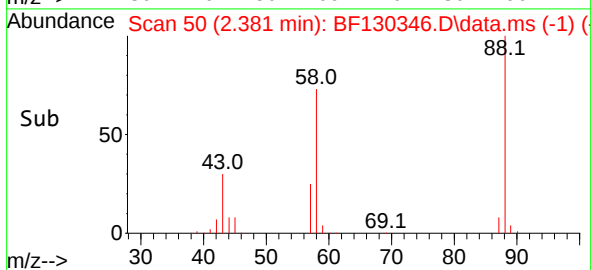
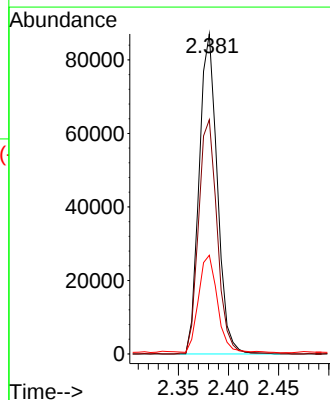
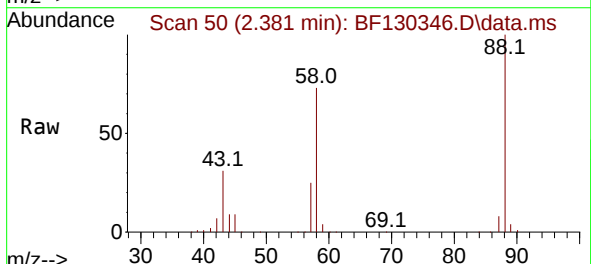
Instrument :
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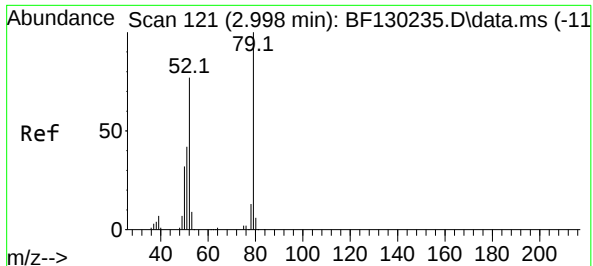
Tgt Ion:152 Resp: 117035
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.8 184.2
 115 66.9 53.8 80.8



#2
 1,4-Dioxane
 Concen: 35.436 ng
 RT: 2.381 min Scan# 50
 Delta R.T. 0.094 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

Tgt Ion: 88 Resp: 109812
 Ion Ratio Lower Upper
 88 100
 58 75.4 61.3 91.9
 43 32.2 23.0 34.6





#3

Pyridine

Concen: 24.252 ng

RT: 3.063 min Scan# 1

Delta R.T. 0.094 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

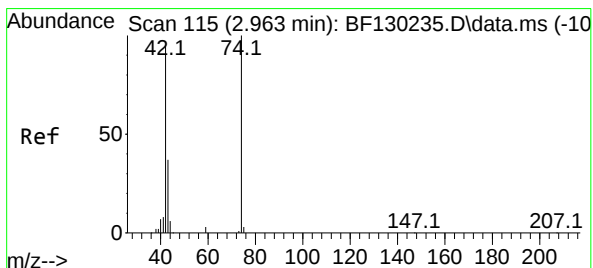
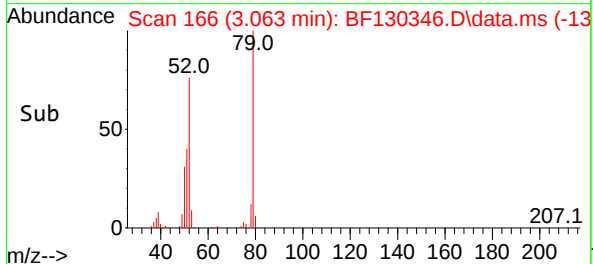
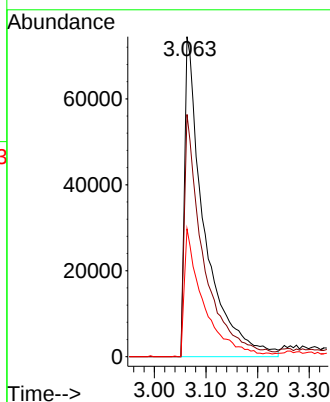
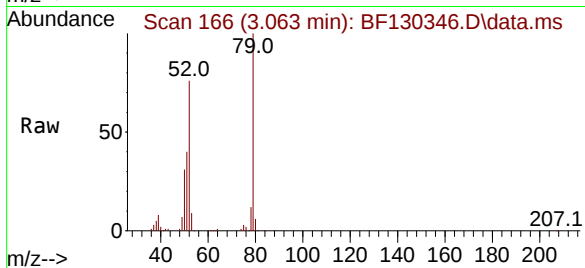
Tgt Ion: 79 Resp: 196054

Ion Ratio Lower Upper

79 100

52 75.7 62.4 93.6

51 39.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 37.512 ng

RT: 3.016 min Scan# 158

Delta R.T. 0.076 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

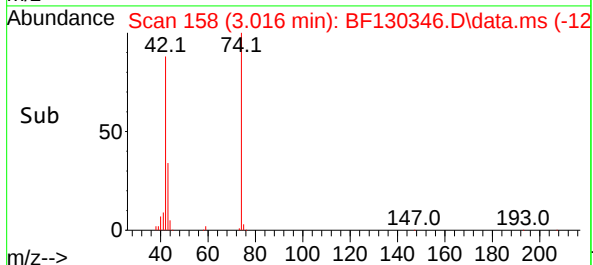
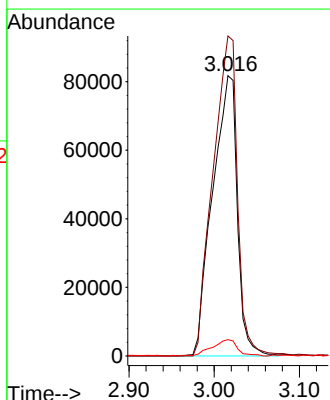
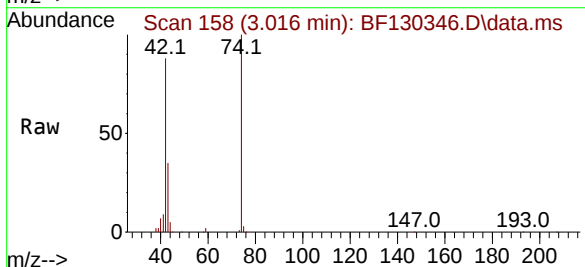
Tgt Ion: 42 Resp: 164930

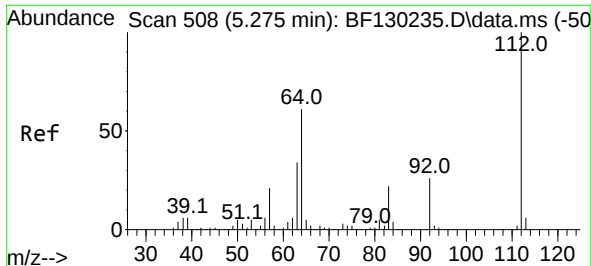
Ion Ratio Lower Upper

42 100

74 114.1 88.4 132.6

44 5.8 5.0 7.4

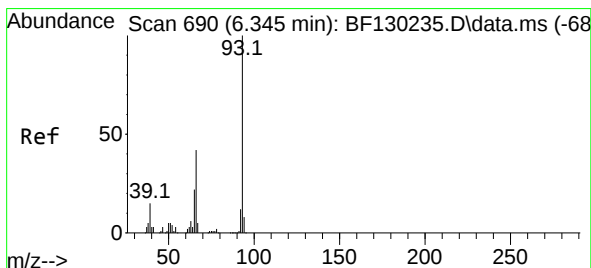
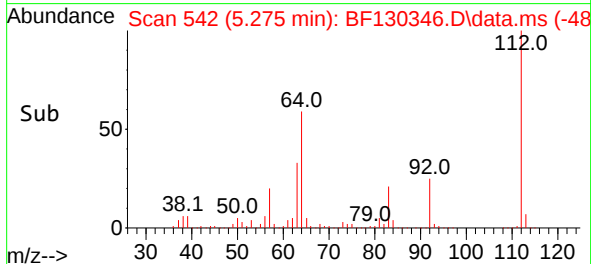
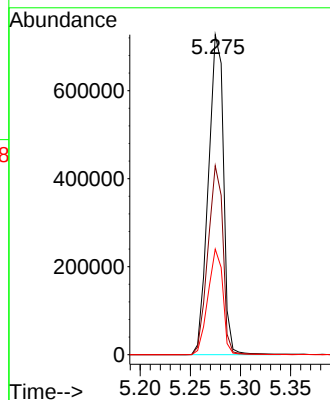
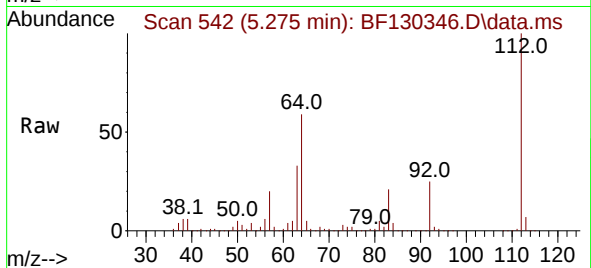




#5
2-Fluorophenol
Concen: 113.670 ng
RT: 5.275 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

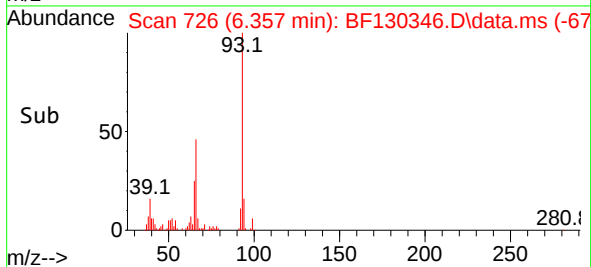
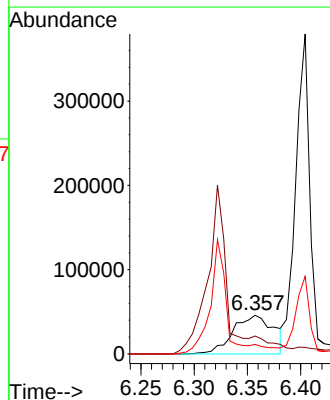
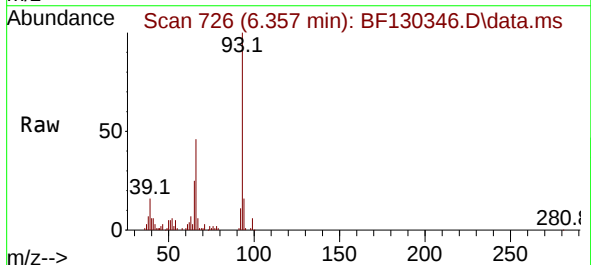
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Tgt Ion:112 Resp: 767001
Ion Ratio Lower Upper
112 100
64 59.0 51.4 77.0
63 33.0 28.8 43.2



#6
Aniline
Concen: 11.645 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.029 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion: 93 Resp: 121143
Ion Ratio Lower Upper
93 100
66 46.3 34.2 51.4
65 24.9 16.6 24.8#

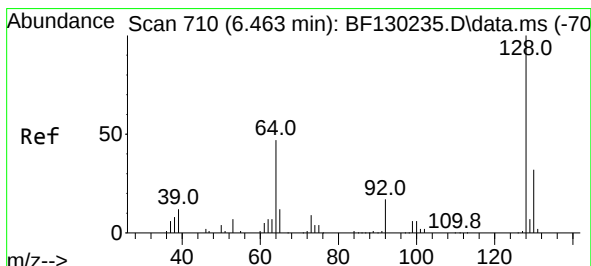
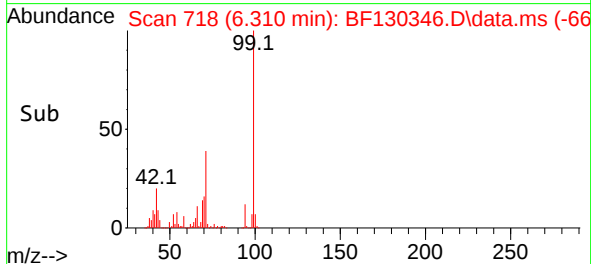
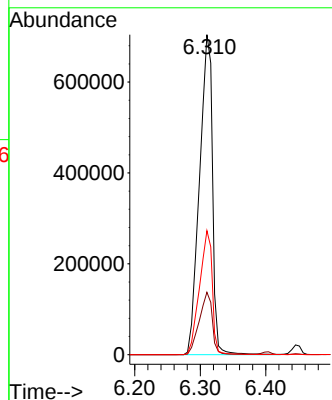
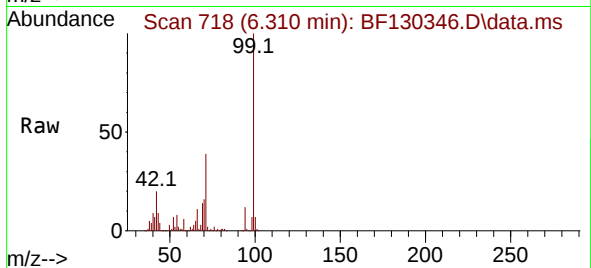




#7
Phenol-d6
Concen: 115.021 ng
RT: 6.310 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

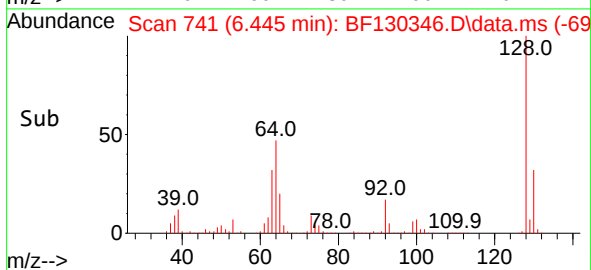
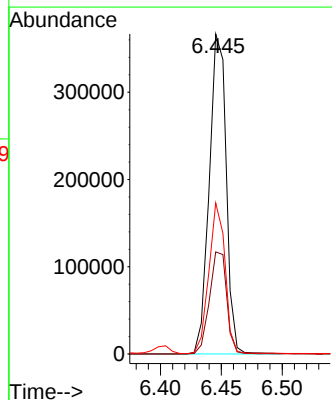
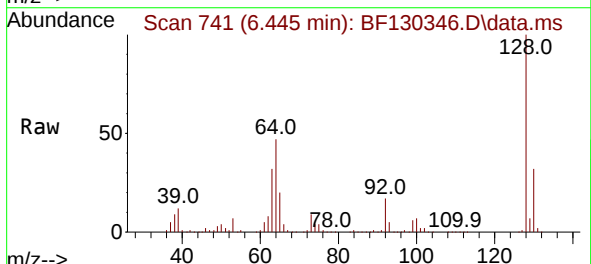
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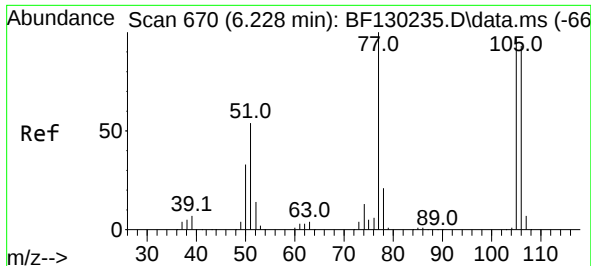
Tgt Ion: 99 Resp: 971105
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 38.8 32.3 48.5



#8
2-Chlorophenol
Concen: 46.102 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:128 Resp: 354357
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 47.2 31.6 71.6

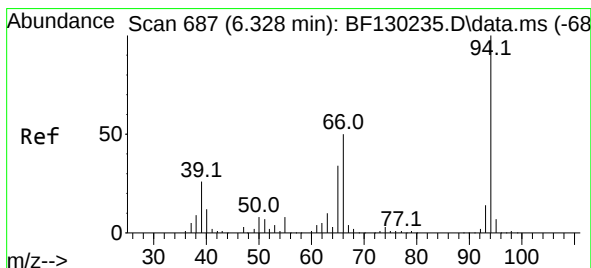
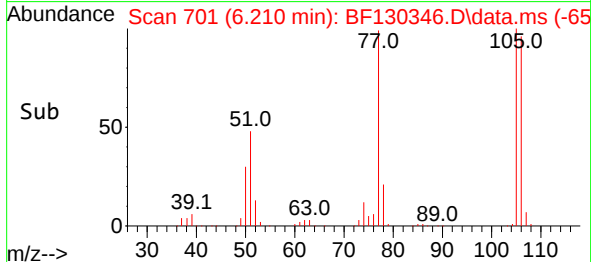
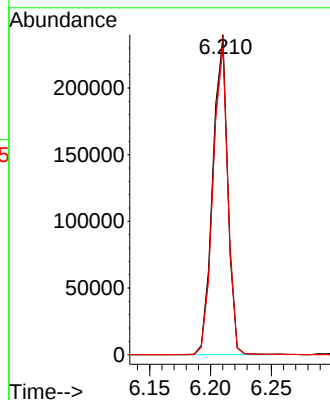
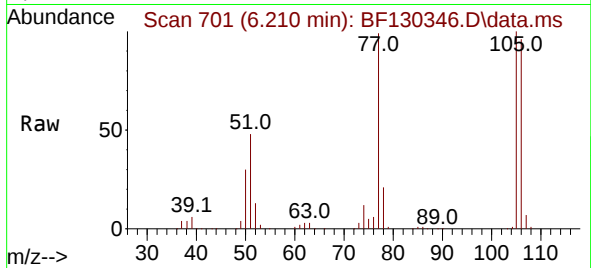




#9
Benzaldehyde
Concen: 36.024 ng
RT: 6.210 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

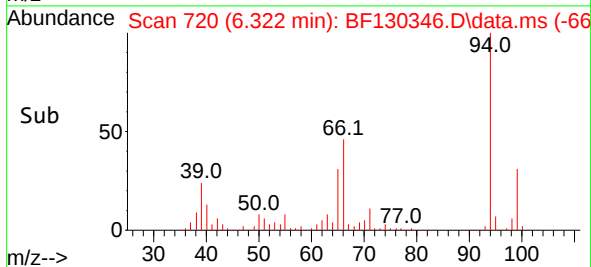
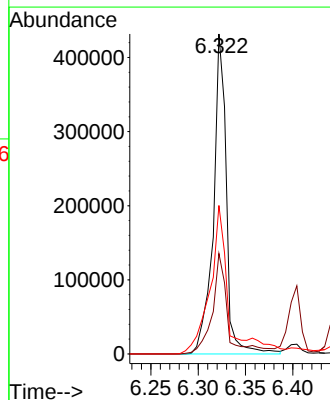
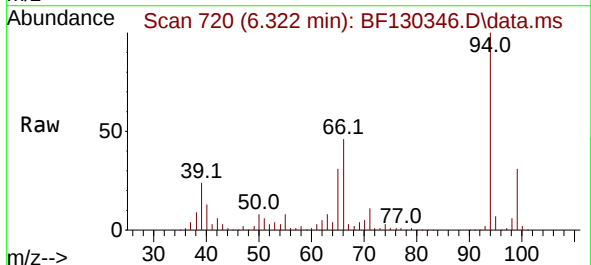
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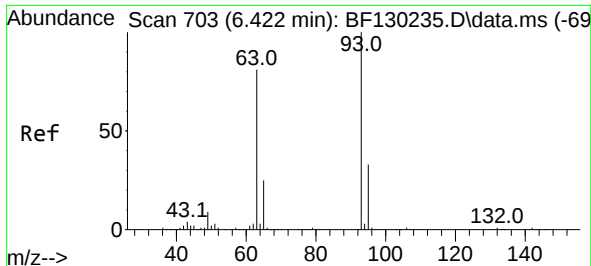
Tgt Ion: 77 Resp: 203729
Ion Ratio Lower Upper
77 100
105 101.4 75.1 115.1
106 97.2 69.7 109.7



#10
Phenol
Concen: 41.774 ng
RT: 6.322 min Scan# 720
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion: 94 Resp: 413321
Ion Ratio Lower Upper
94 100
65 31.4 14.1 54.1
66 46.4 28.1 68.1

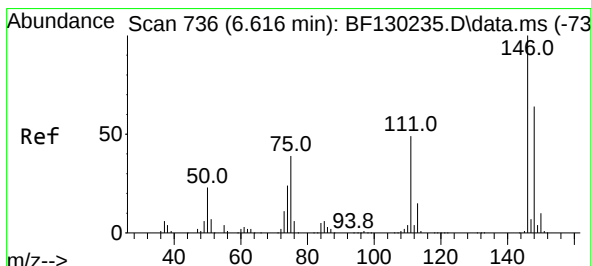
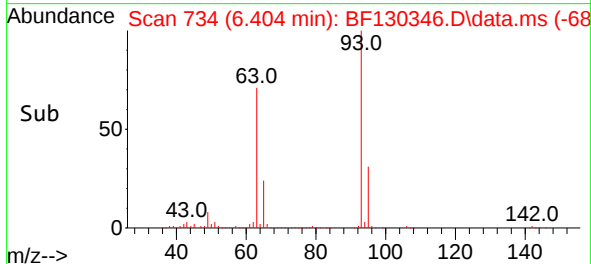
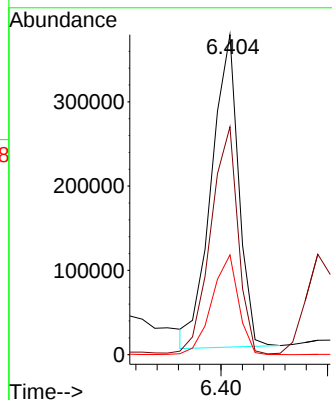
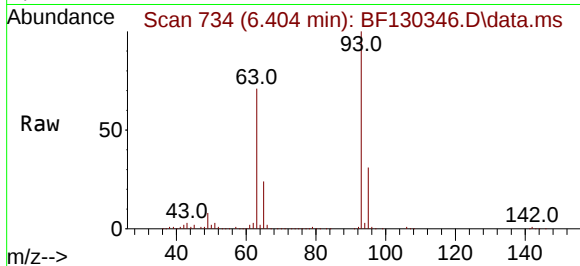




#11
bis(2-Chloroethyl)ether
Concen: 46.055 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

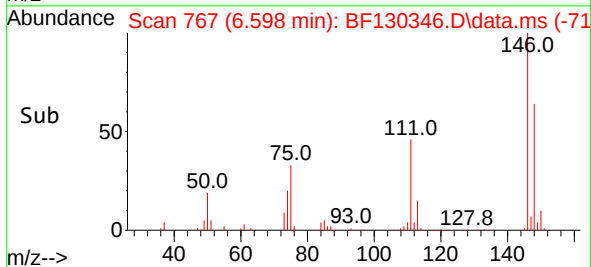
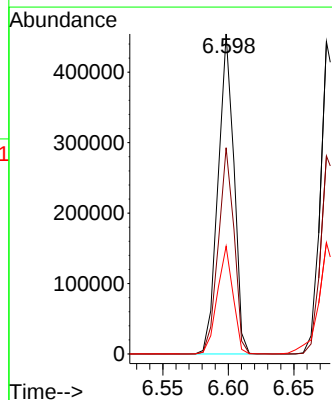
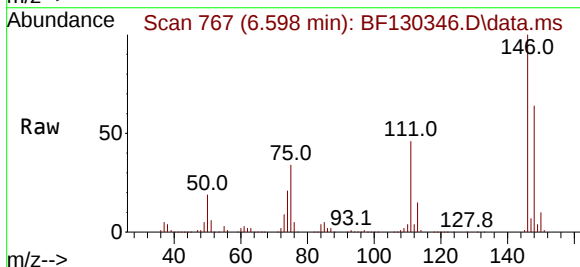
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

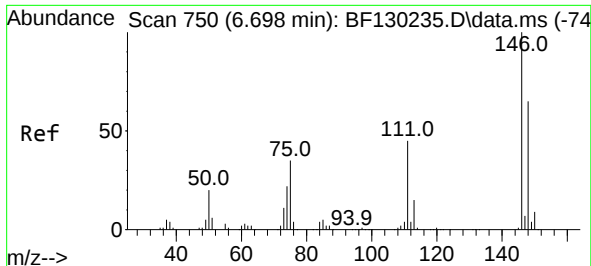
Tgt Ion: 93 Resp: 328670
Ion Ratio Lower Upper
93 100
63 71.2 62.5 102.5
95 31.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 45.045 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:146 Resp: 380974
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 33.7 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.979 ng

RT: 6.675 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

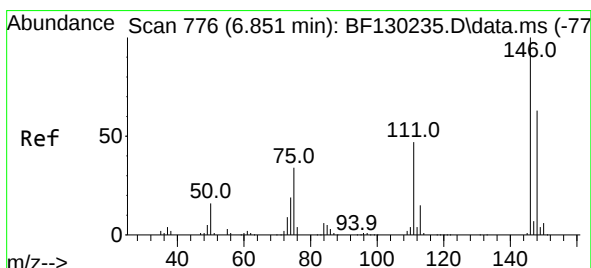
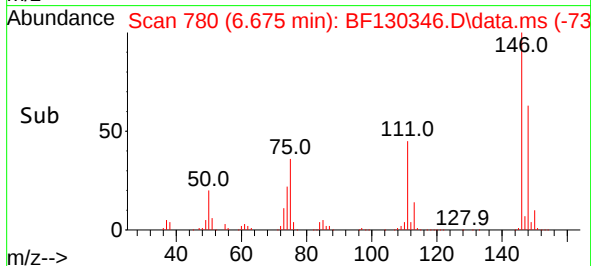
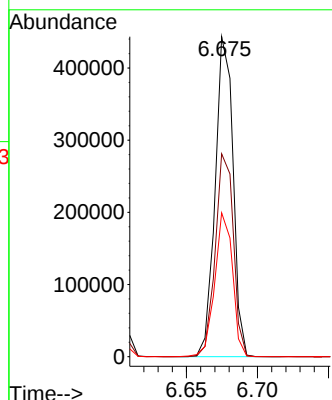
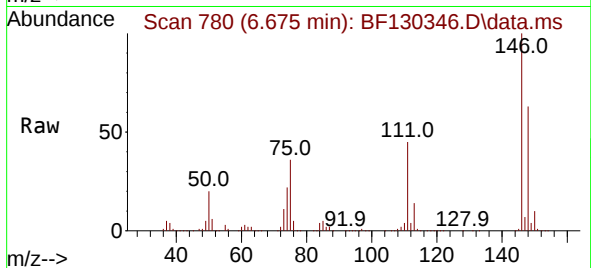
Tgt Ion:146 Resp: 387934

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

111 45.0 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 45.421 ng

RT: 6.828 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

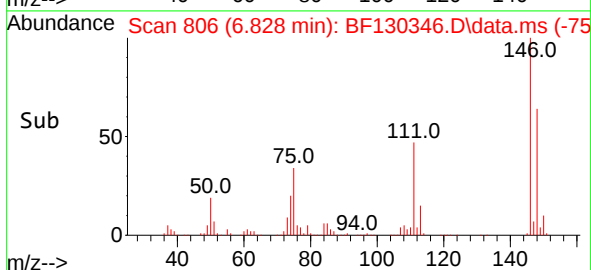
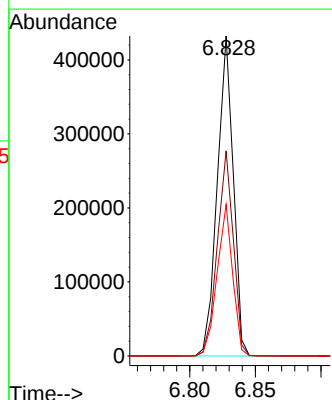
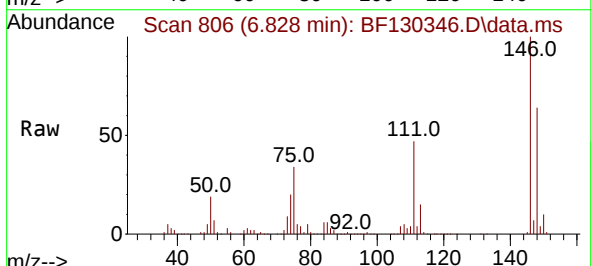
Tgt Ion:146 Resp: 365952

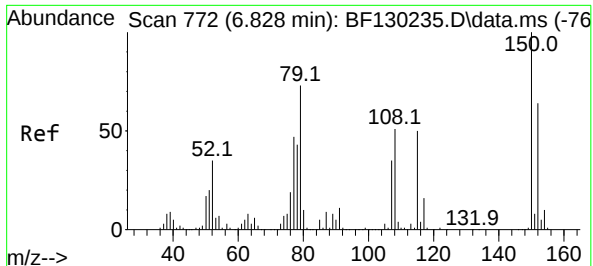
Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

111 47.4 39.2 58.8





#15

Benzyl Alcohol

Concen: 39.525 ng

RT: 6.816 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

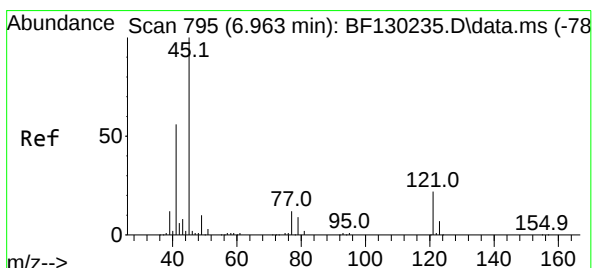
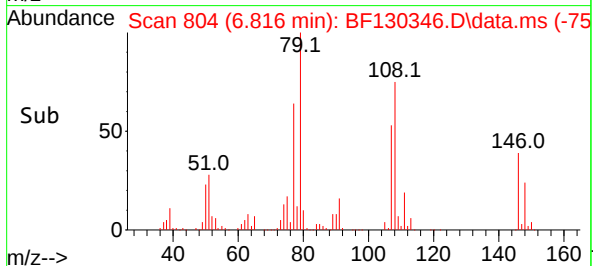
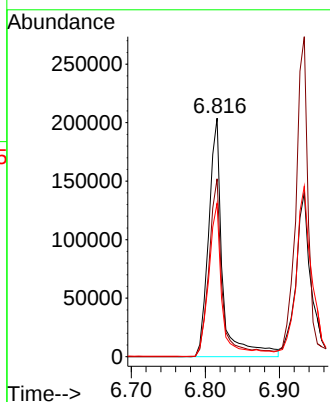
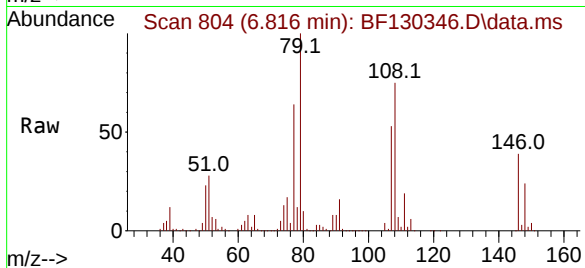
Tgt Ion: 79 Resp: 264580

Ion Ratio Lower Upper

79 100

108 74.6 54.0 81.0

77 64.3 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.108 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

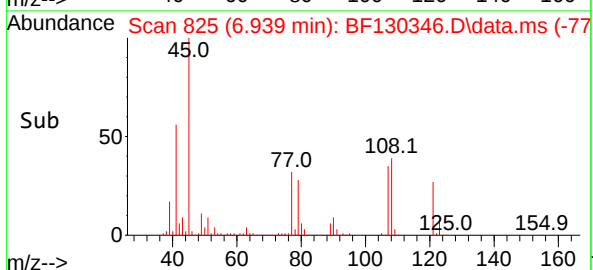
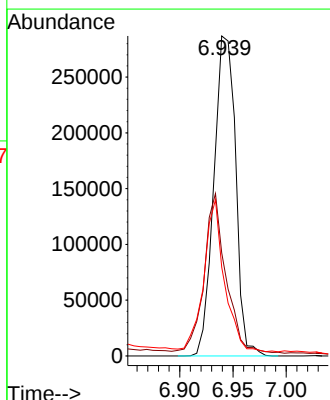
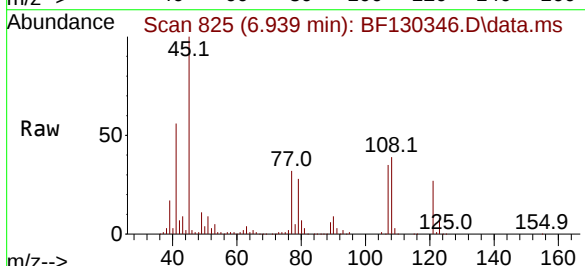
Tgt Ion: 45 Resp: 407063

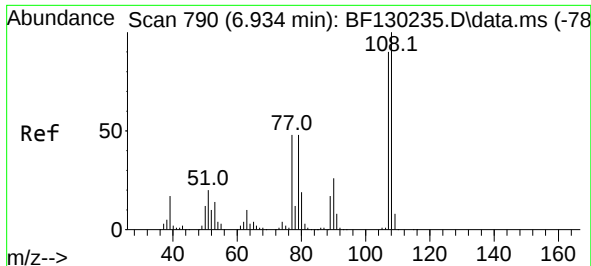
Ion Ratio Lower Upper

45 100

77 32.2 0.0 34.9

79 27.7 0.0 31.0



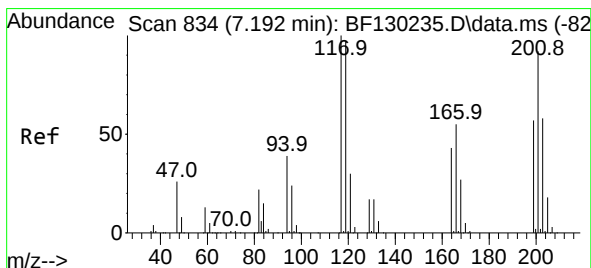
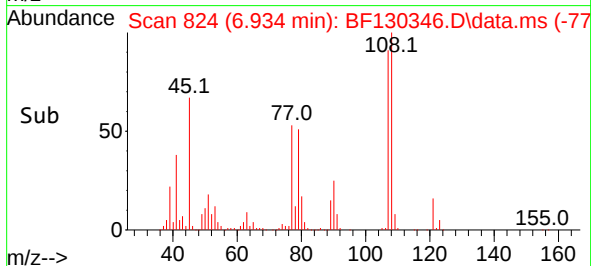
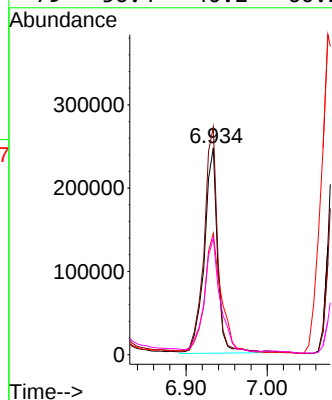
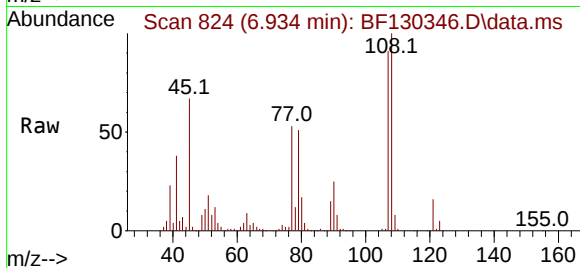


#17
2-Methylphenol
Concen: 44.892 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

Tgt Ion:107 Resp: 280502

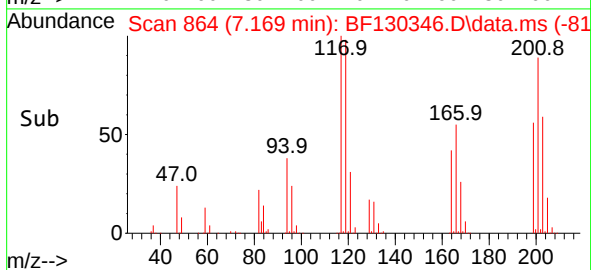
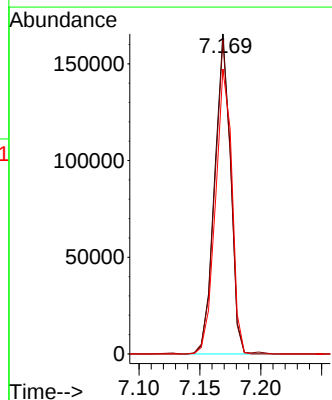
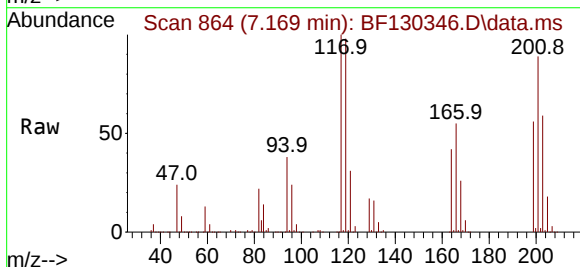
Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.4	134.0
77	58.6	40.6	60.8
79	56.4	40.2	60.2

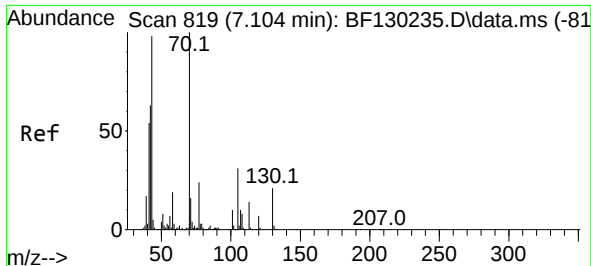


#18
Hexachloroethane
Concen: 44.251 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:117 Resp: 150440

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.8	116.6
201	89.1	68.7	103.1

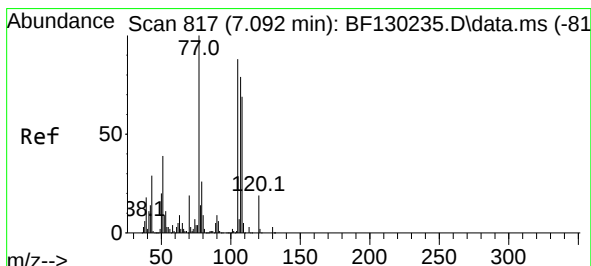
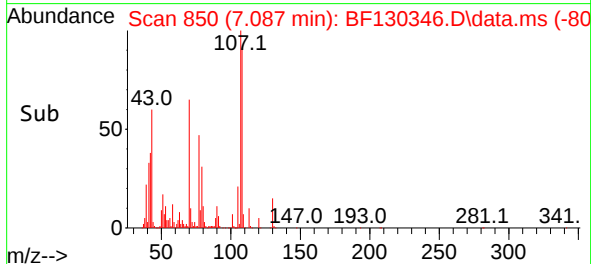
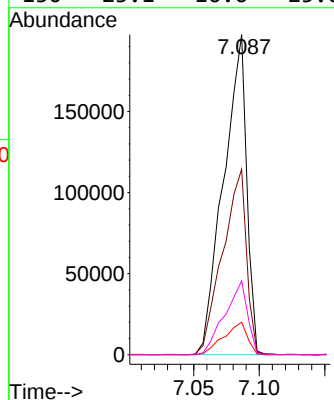
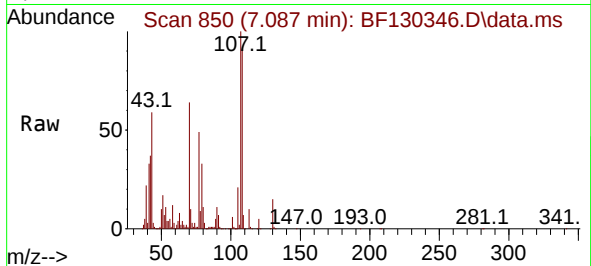




#19
n-Nitroso-di-n-propylamine
Concen: 42.395 ng
RT: 7.087 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

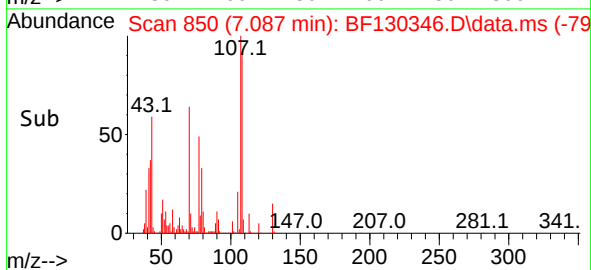
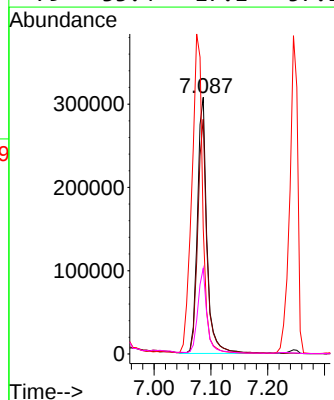
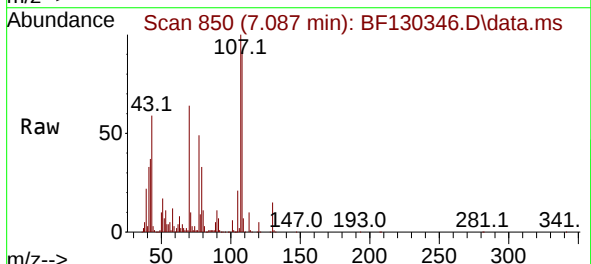
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

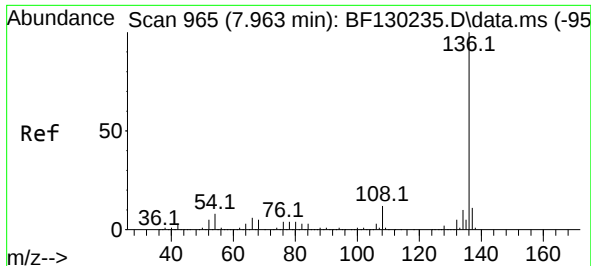
Tgt Ion: 70 Resp: 241528
Ion Ratio Lower Upper
70 100
42 57.9 50.8 76.2
101 10.1 8.2 12.4
130 23.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 44.332 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:107 Resp: 359839
Ion Ratio Lower Upper
107 100
108 91.5 74.8 114.8
77 48.9 125.8 165.8#
79 33.4 17.1 57.1

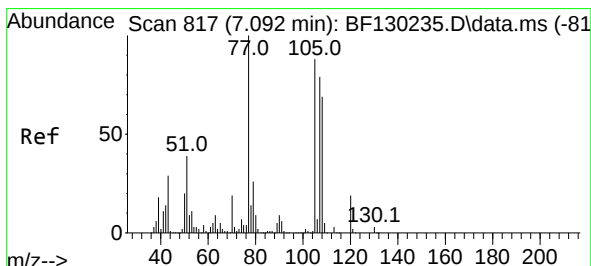
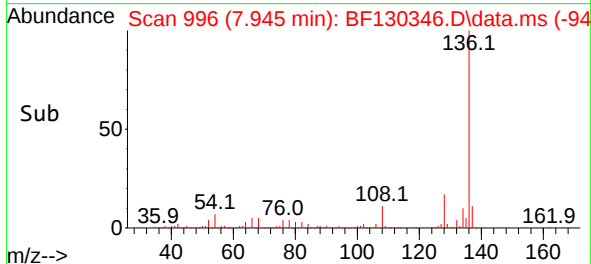
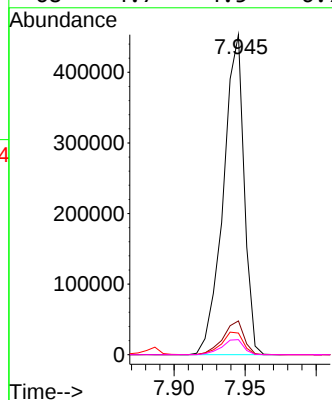
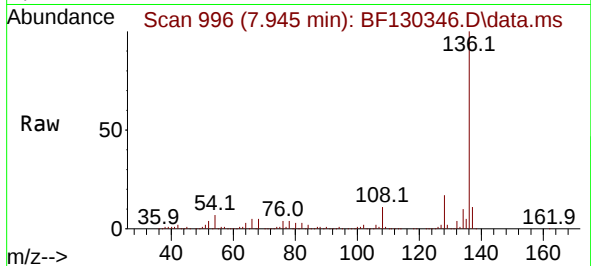




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

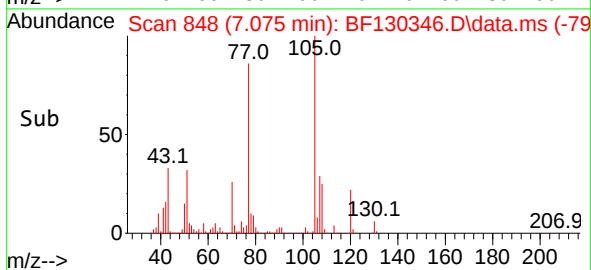
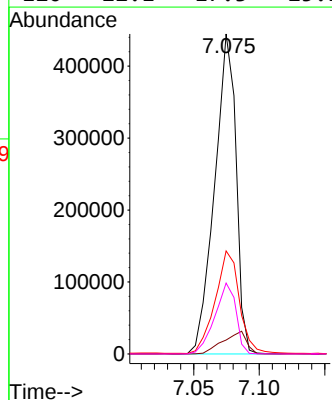
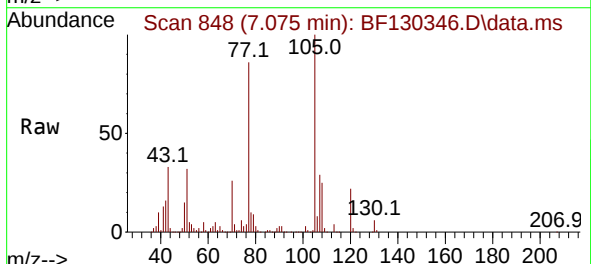
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

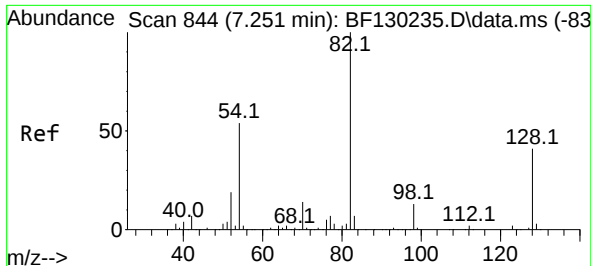
Tgt Ion:136 Resp: 461611
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.8 7.1 10.7#
68 4.7 4.5 6.7



#22
Acetophenone
Concen: 44.708 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:105 Resp: 504560
Ion Ratio Lower Upper
105 100
71 4.3 3.9 5.9
51 32.2 32.2 48.2
120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 69.147 ng

RT: 7.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

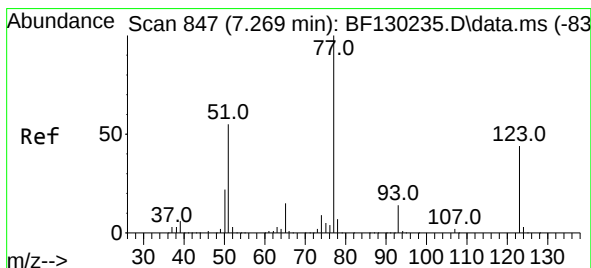
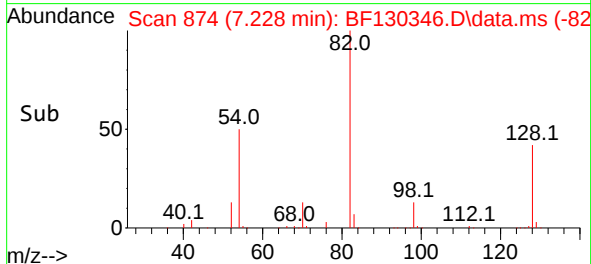
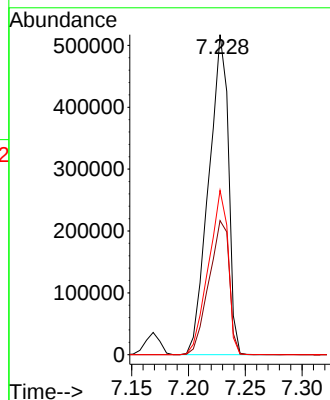
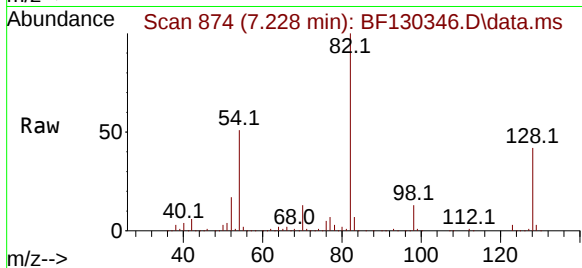
Tgt Ion: 82 Resp: 624781

Ion Ratio Lower Upper

82 100

128 41.9 32.6 49.0

54 51.4 43.8 65.6



#24

Nitrobenzene

Concen: 40.701 ng

RT: 7.245 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

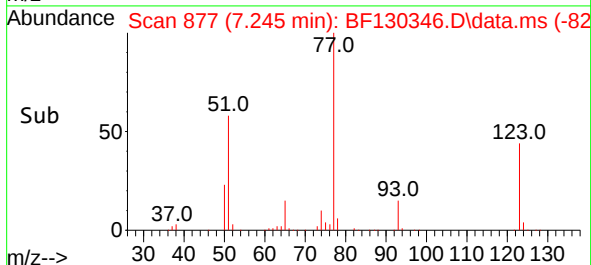
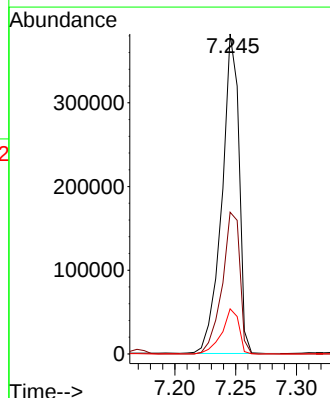
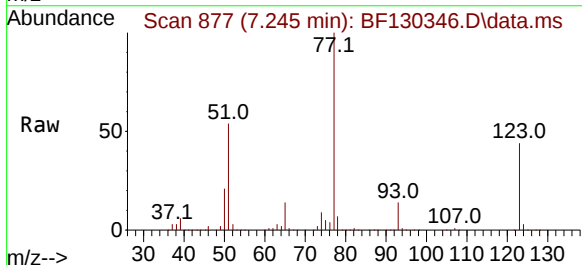
Tgt Ion: 77 Resp: 373413

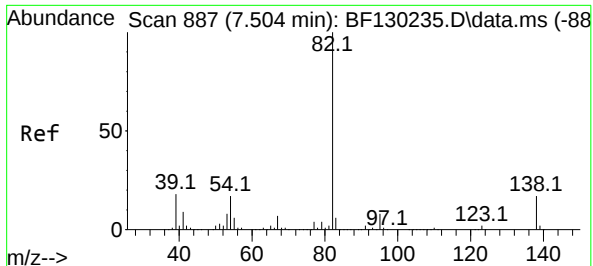
Ion Ratio Lower Upper

77 100

123 44.3 34.3 51.5

65 14.1 12.0 18.0

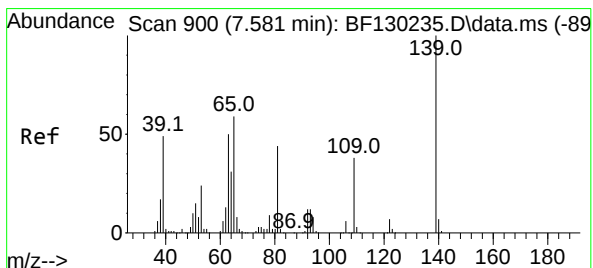
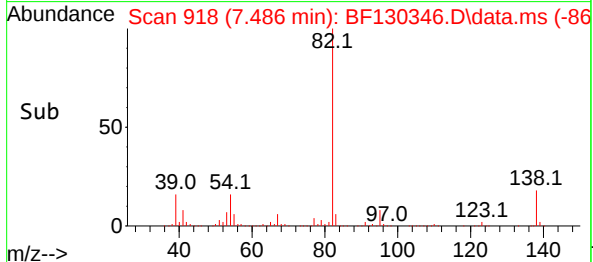
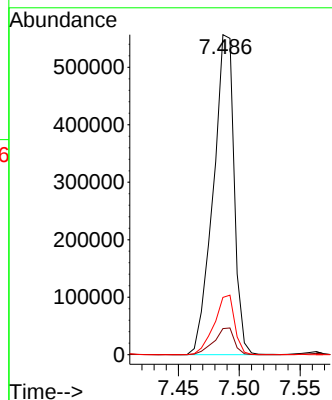
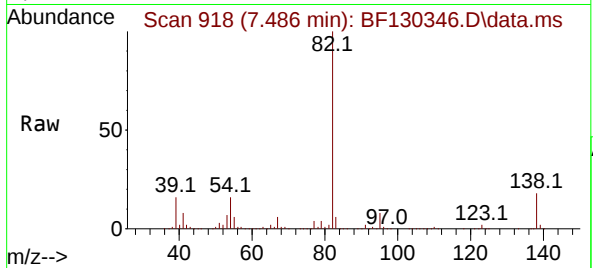




#25
Isophorone
Concen: 45.731 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

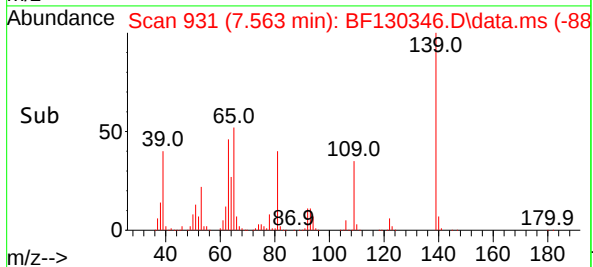
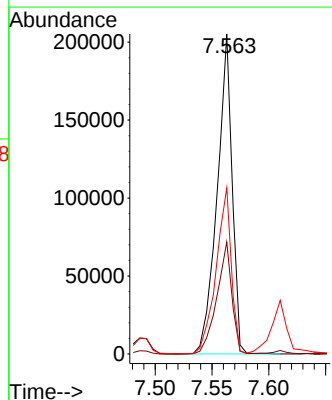
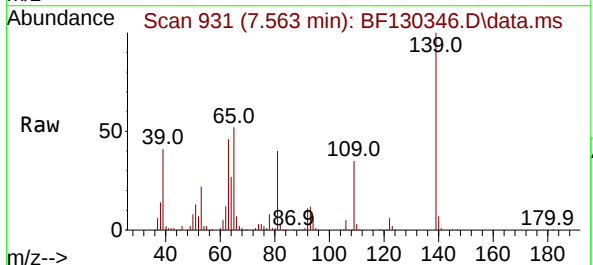
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

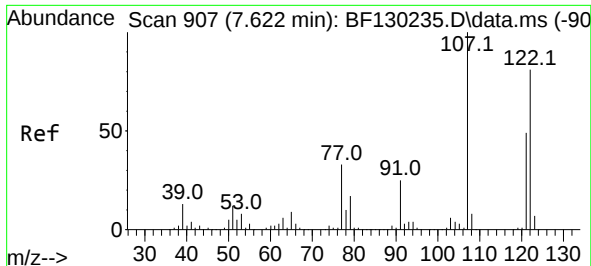
Tgt Ion: 82 Resp: 665989
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 17.9 13.8 20.6



#26
2-Nitrophenol
Concen: 50.176 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion: 139 Resp: 188711
Ion Ratio Lower Upper
139 100
109 35.0 30.2 45.4
65 51.9 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 53.690 ng

RT: 7.610 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

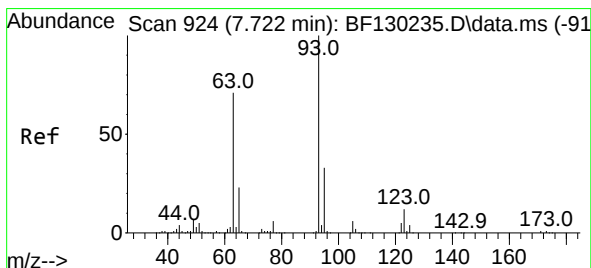
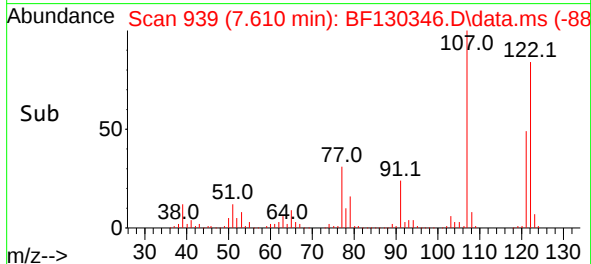
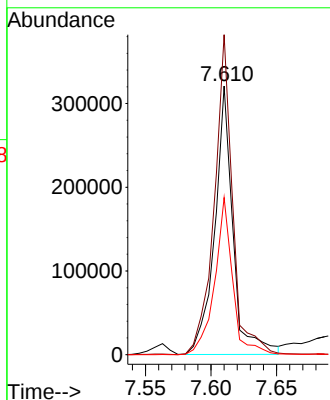
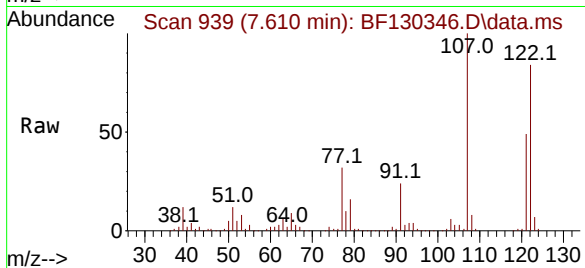
Tgt Ion:122 Resp: 310914

Ion Ratio Lower Upper

122 100

107 119.1 100.2 150.2

121 58.5 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.523 ng

RT: 7.704 min Scan# 955

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

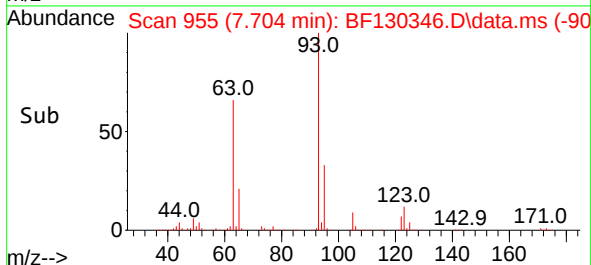
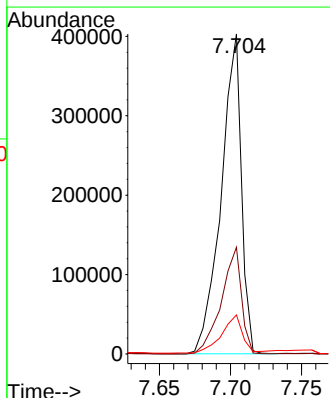
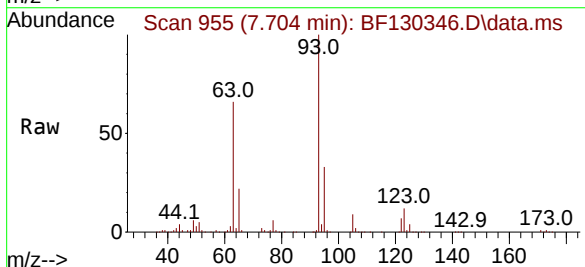
Tgt Ion: 93 Resp: 397900

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

123 12.2 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 46.627 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

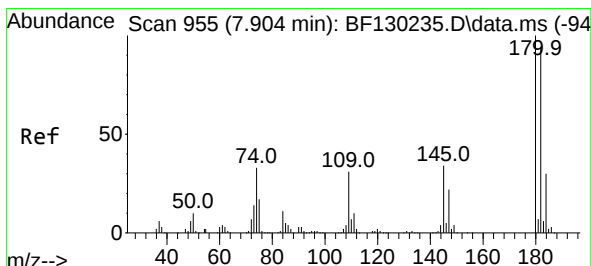
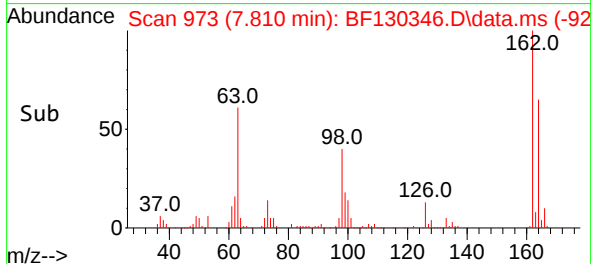
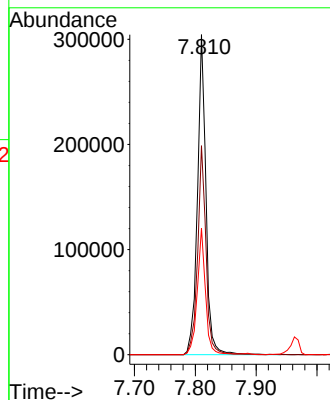
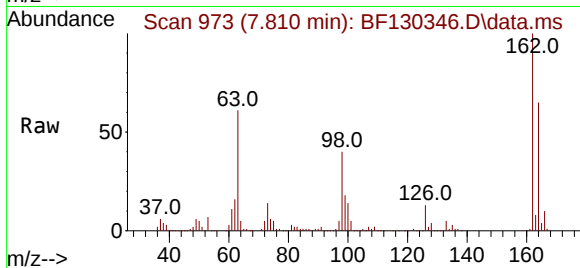
Tgt Ion:162 Resp: 295889

Ion Ratio Lower Upper

162 100

164 65.3 42.2 82.2

98 39.6 21.7 61.7



#30

1,2,4-Trichlorobenzene

Concen: 44.784 ng

RT: 7.886 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

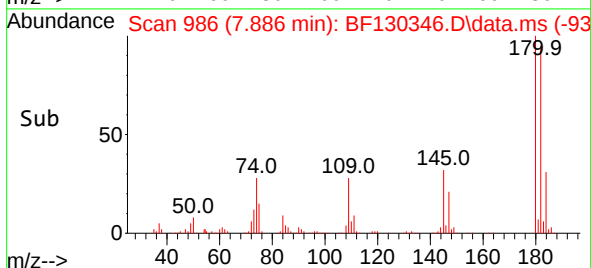
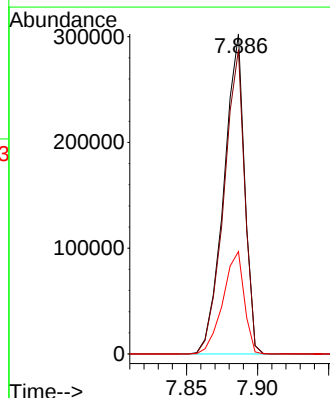
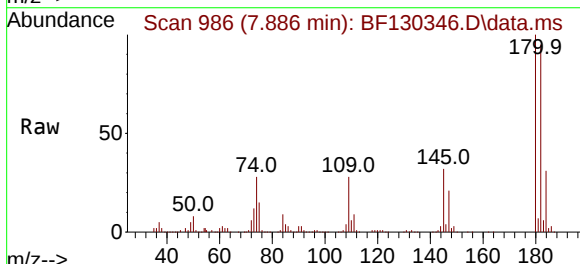
Tgt Ion:180 Resp: 307256

Ion Ratio Lower Upper

180 100

182 95.1 73.3 109.9

145 32.0 28.3 42.5

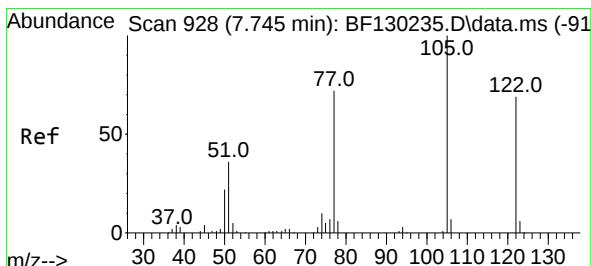
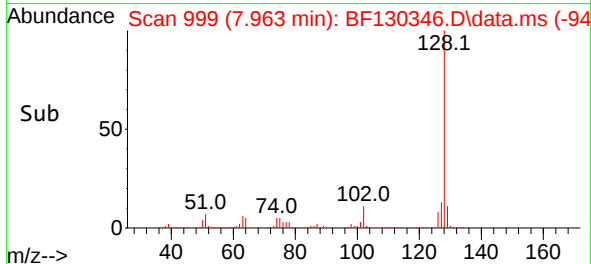
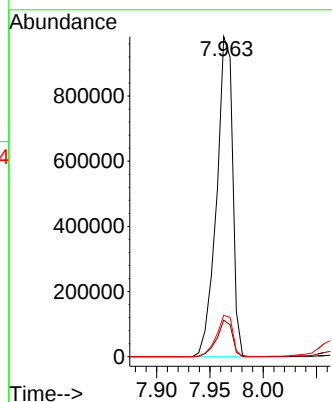
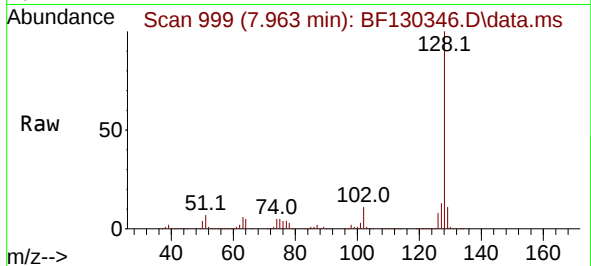




#31
Naphthalene
Concen: 43.006 ng
RT: 7.963 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

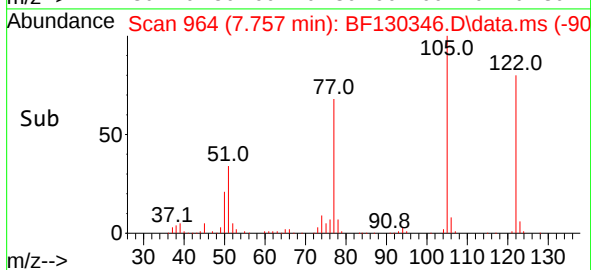
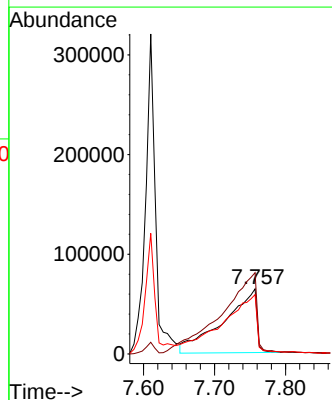
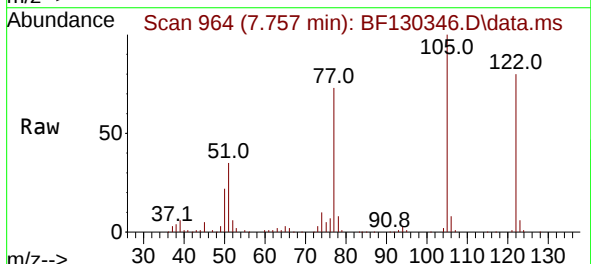
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

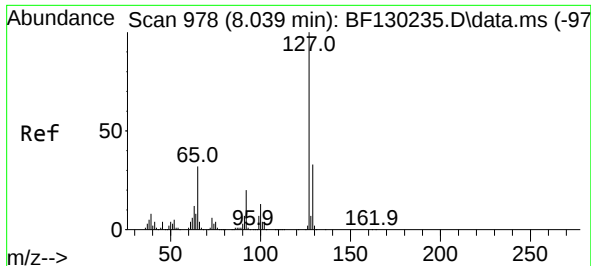
Tgt Ion:128 Resp: 1022755
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 45.990 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.024 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:122 Resp: 205954
Ion Ratio Lower Upper
122 100
105 125.0 112.9 152.9
77 91.1 82.8 122.8

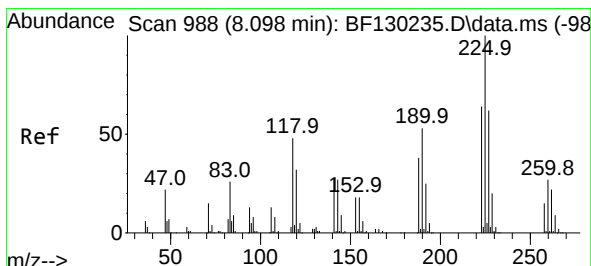
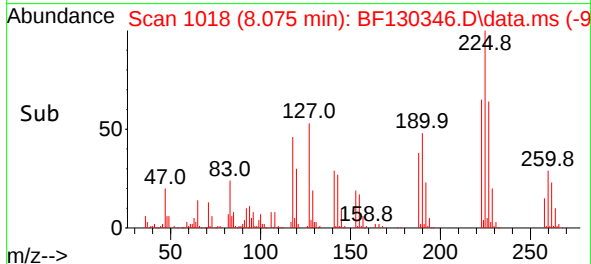
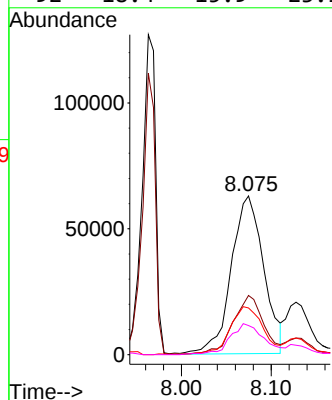
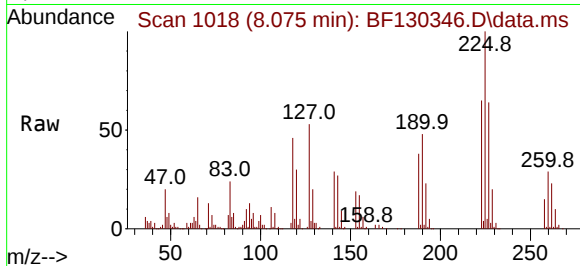




#33
4-Chloroaniline
Concen: 17.478 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.053 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

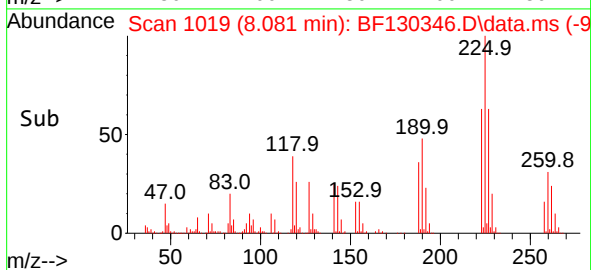
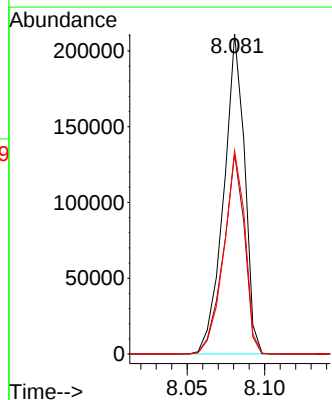
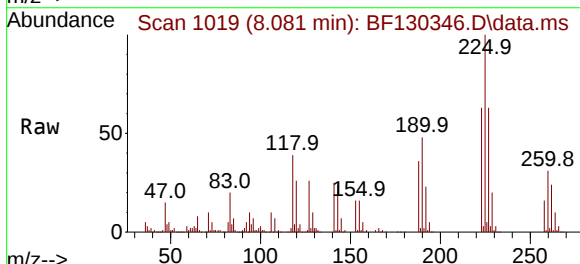
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

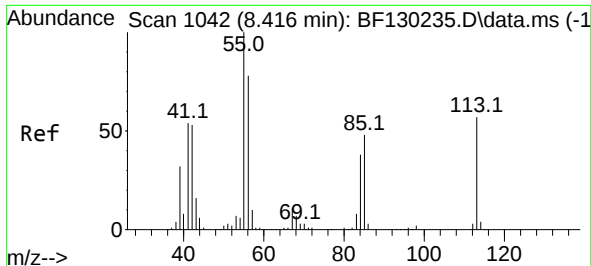
Tgt Ion:	127	Resp:	158091
Ion Ratio	Lower	Upper	
127	100		
129	37.4	25.6	38.4
65	29.4	27.0	40.6
92	18.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 45.062 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:	225	Resp:	197584
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.3	75.5
227	63.5	51.1	76.7

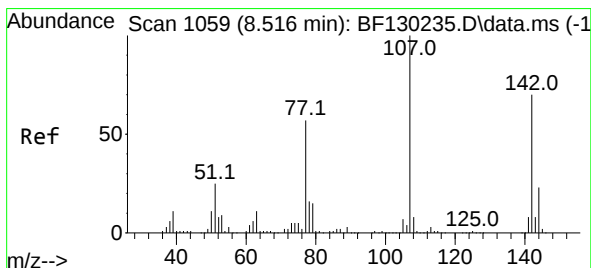
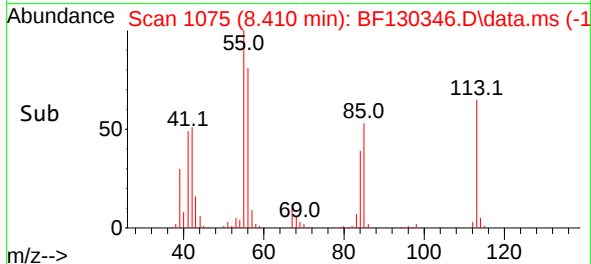
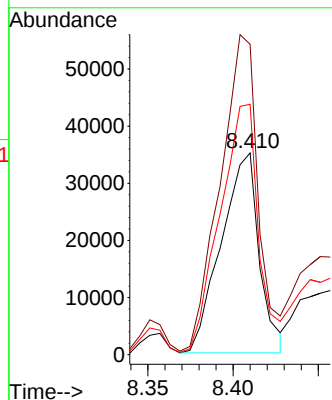
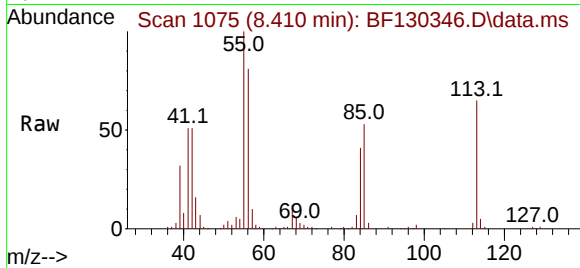




#35
 Caprolactam
 Concen: 29.838 ng
 RT: 8.410 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

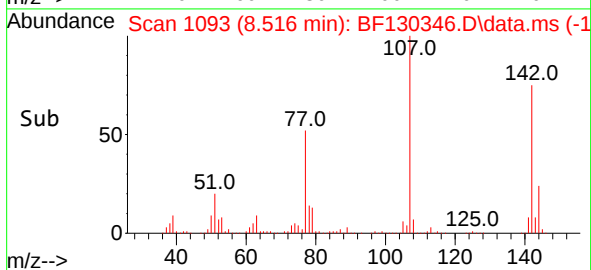
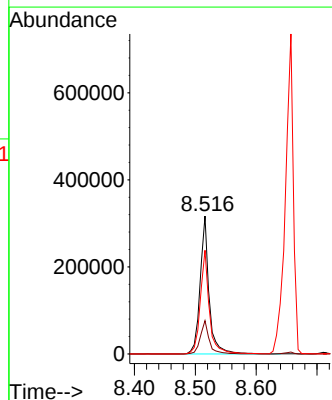
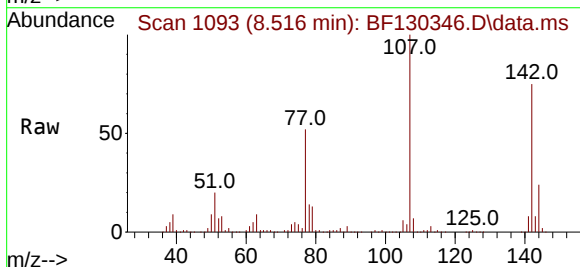
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS

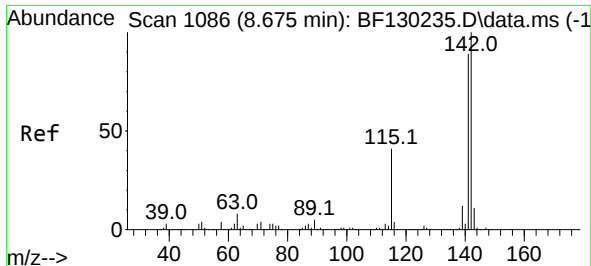
Tgt Ion:113 Resp: 54283
 Ion Ratio Lower Upper
 113 100
 55 153.9 155.4 195.4#
 56 124.2 120.4 160.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.323 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. 0.012 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

Tgt Ion:107 Resp: 325831
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 75.1 61.3 91.9

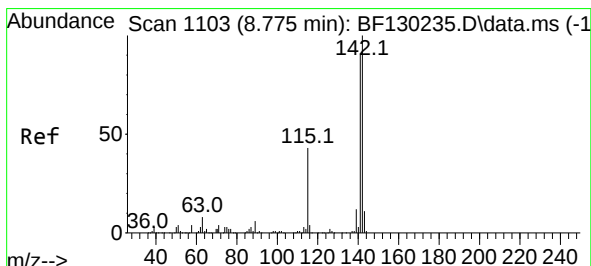
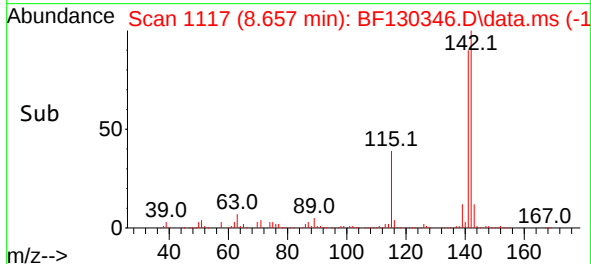
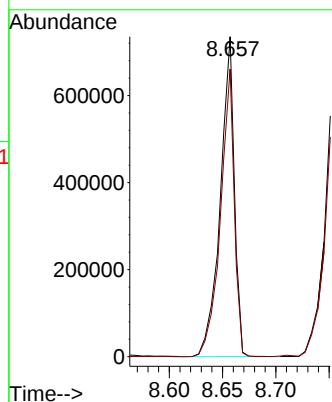
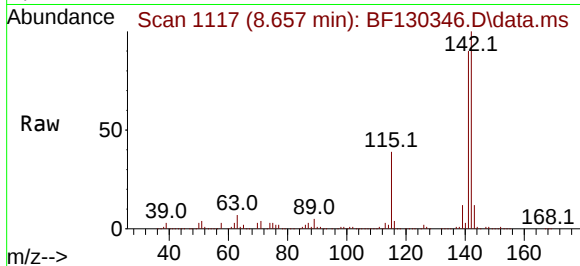




#37
2-Methylnaphthalene
Concen: 44.178 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

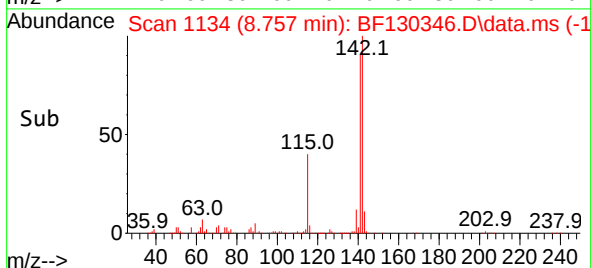
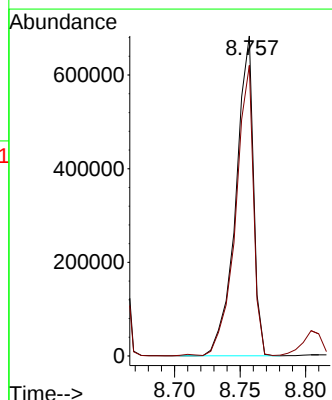
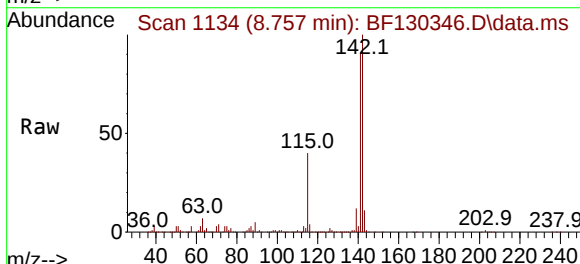
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

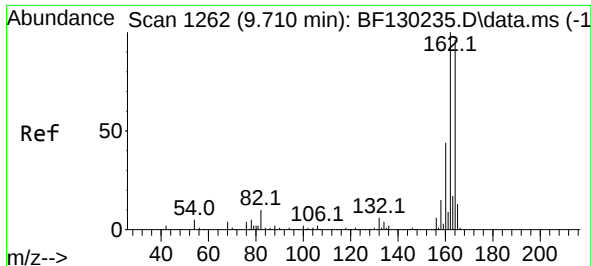
Tgt Ion:142 Resp: 669864
Ion Ratio Lower Upper
142 100
141 89.9 70.0 105.0



#38
1-Methylnaphthalene
Concen: 44.055 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

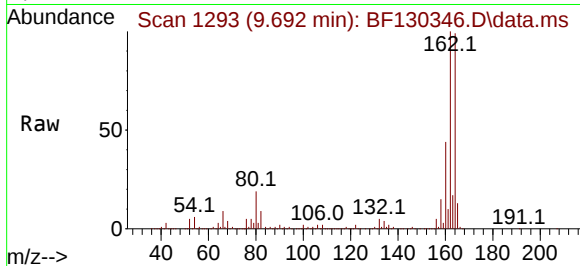
Tgt Ion:142 Resp: 641710
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.8



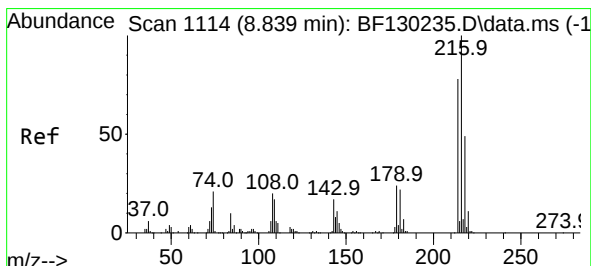
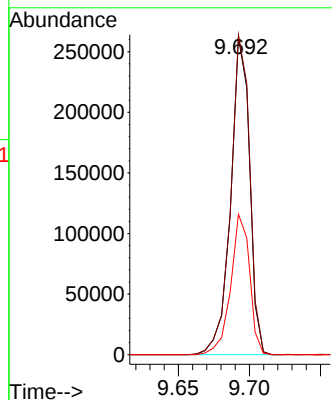
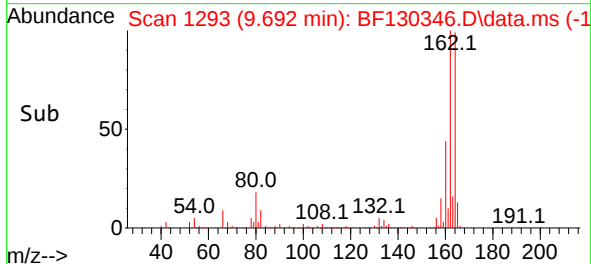


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

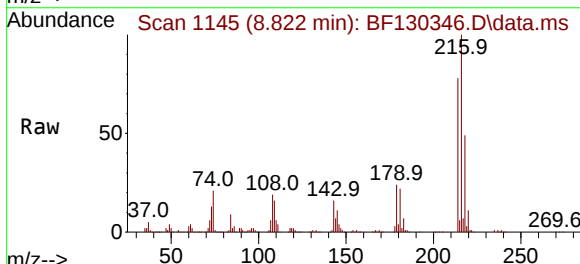
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS



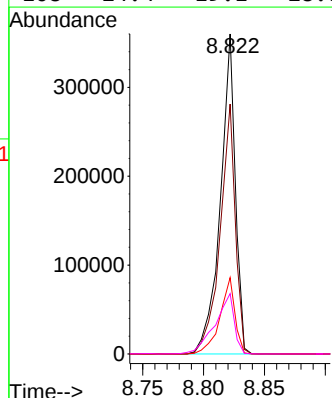
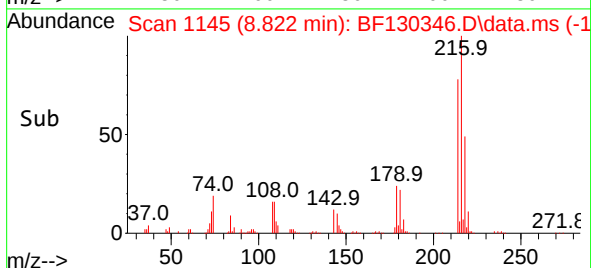
Tgt Ion:164 Resp: 243321
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.3 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.452 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07



Tgt Ion:216 Resp: 308460
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 23.9 19.5 29.3
108 24.4 19.1 28.7

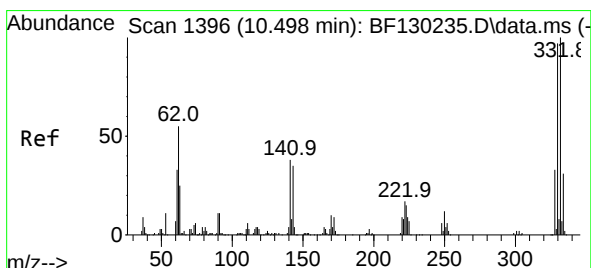
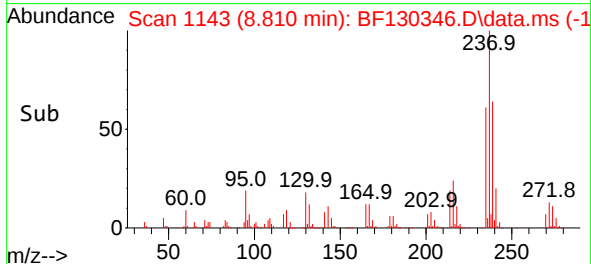
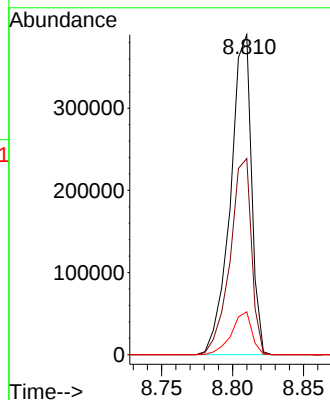
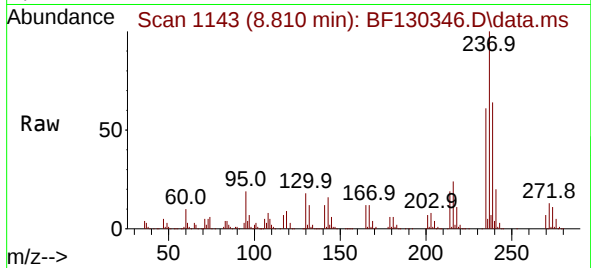




#41
Hexachlorocyclopentadiene
Concen: 113.092 ng
RT: 8.810 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

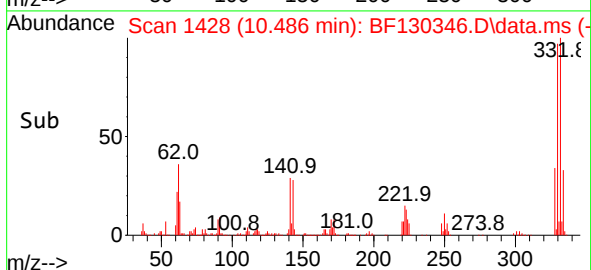
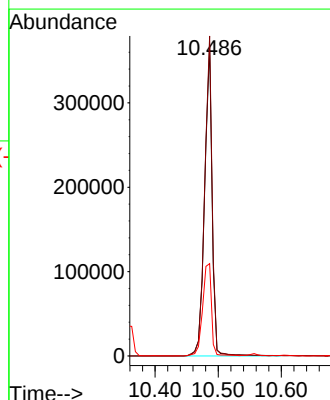
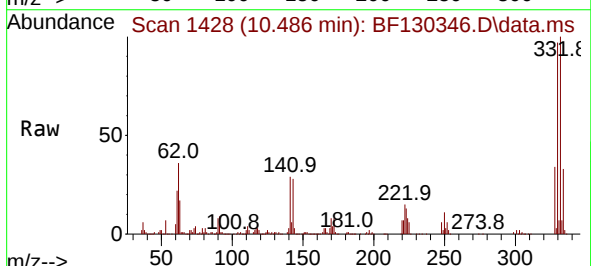
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

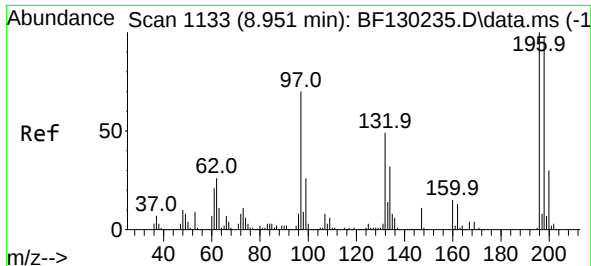
Tgt Ion:237 Resp: 402063
Ion Ratio Lower Upper
237 100
235 61.3 42.5 82.5
272 13.4 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 130.701 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

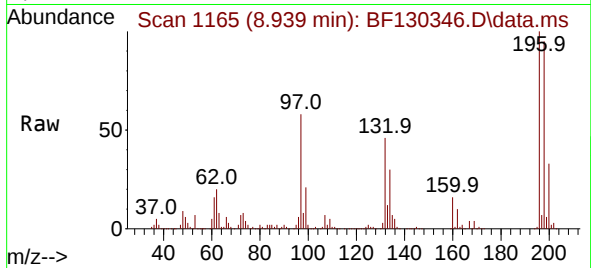
Tgt Ion:330 Resp: 304727
Ion Ratio Lower Upper
330 100
332 103.1 83.4 125.2
141 35.1 34.0 51.0



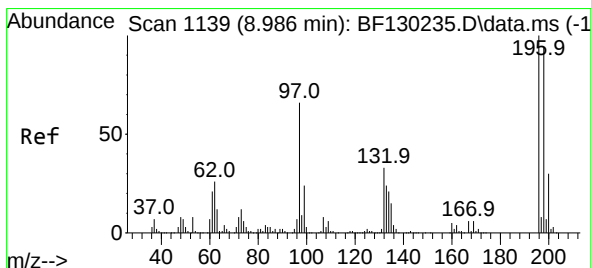
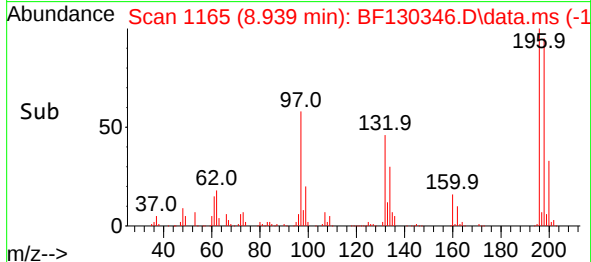
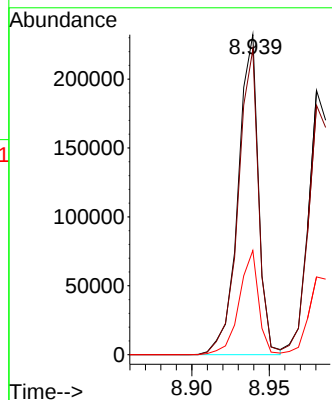


#43
2,4,6-Trichlorophenol
Concen: 45.821 ng
RT: 8.939 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

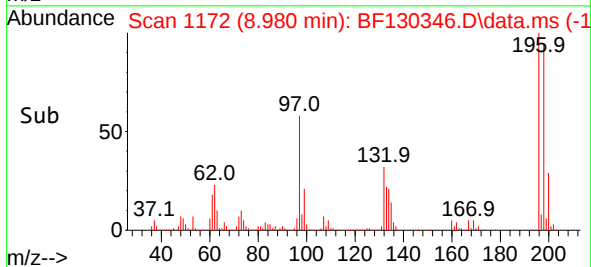
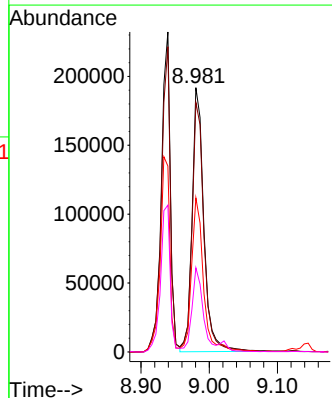
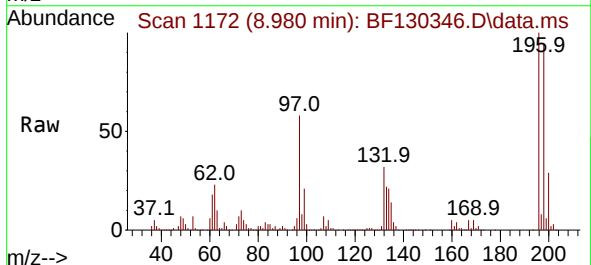


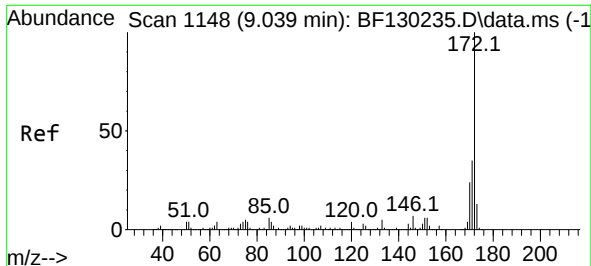
Tgt Ion:196 Resp: 212350
Ion Ratio Lower Upper
196 100
198 95.4 72.4 108.6
200 32.6 23.8 35.6



#44
2,4,5-Trichlorophenol
Concen: 45.611 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:196 Resp: 228099
Ion Ratio Lower Upper
196 100
198 94.4 74.8 112.2
97 58.3 43.7 65.5
132 31.8 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 69.466 ng

RT: 9.022 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

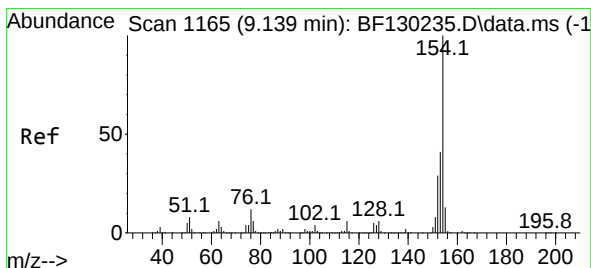
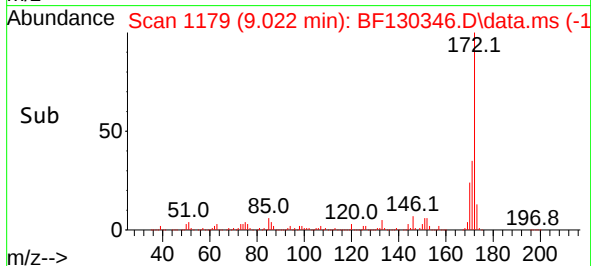
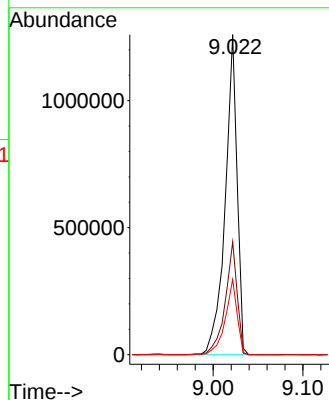
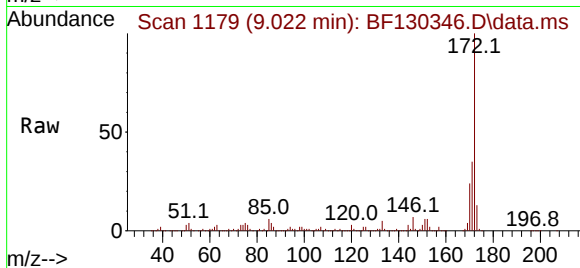
Tgt Ion:172 Resp: 1160733

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 45.523 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

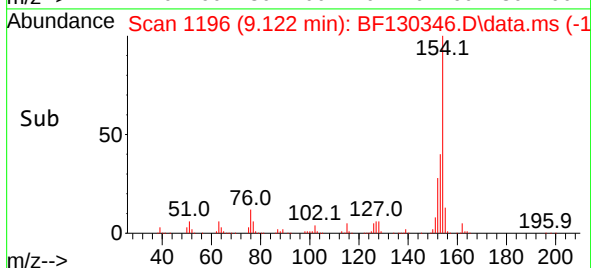
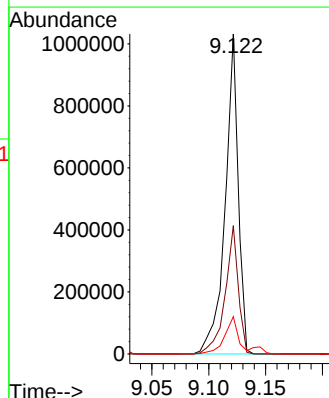
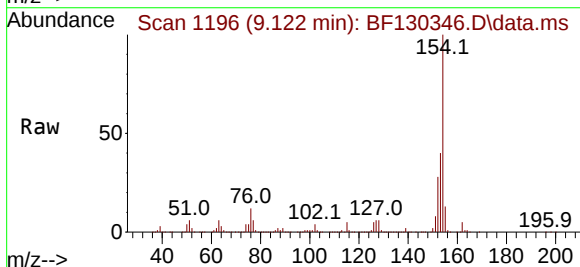
Tgt Ion:154 Resp: 827259

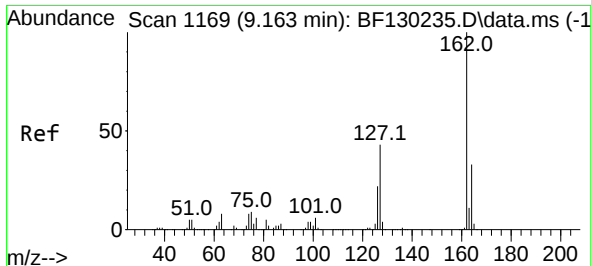
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 11.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.143 ng

RT: 9.145 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

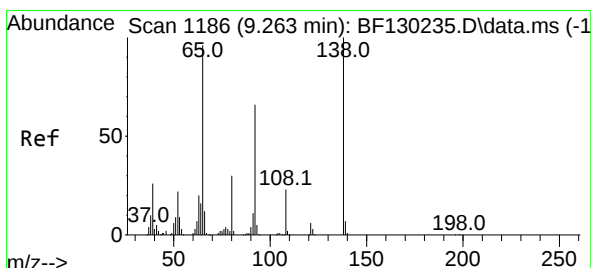
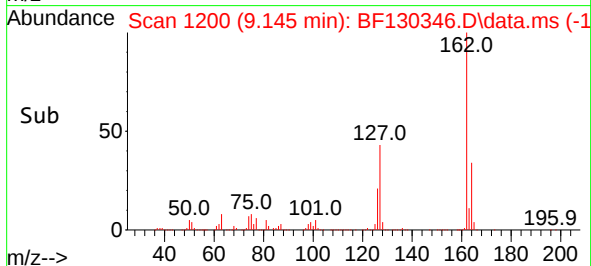
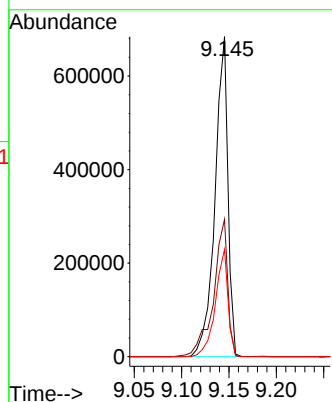
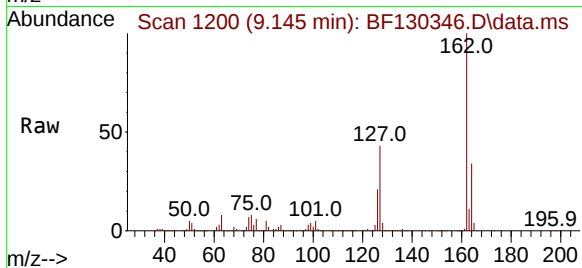
Tgt Ion:162 Resp: 648913

Ion Ratio Lower Upper

162 100

127 42.9 35.9 53.9

164 33.5 26.2 39.2



#48

2-Nitroaniline

Concen: 40.967 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

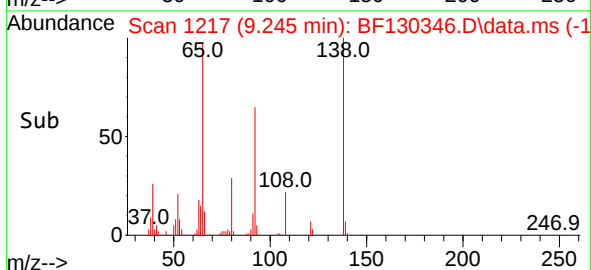
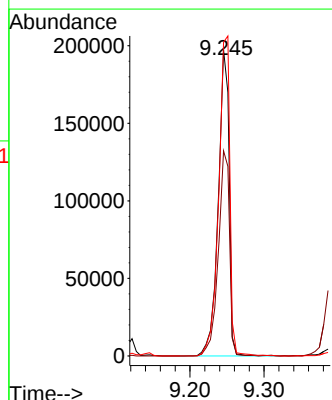
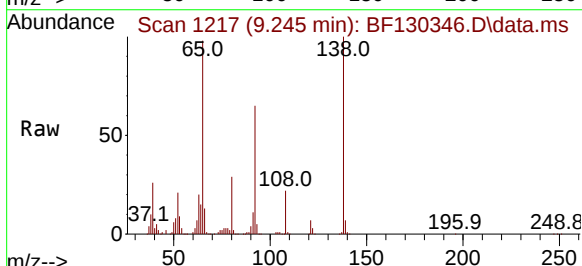
Tgt Ion: 65 Resp: 200860

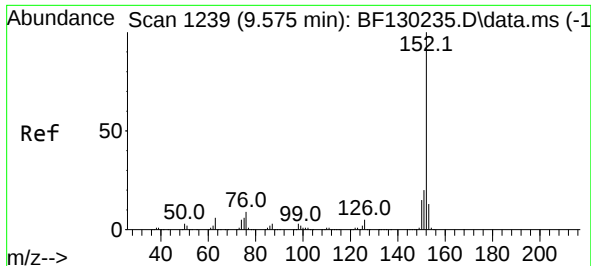
Ion Ratio Lower Upper

65 100

92 67.0 52.2 78.4

138 102.5 77.0 115.4





#49

Acenaphthylene

Concen: 44.531 ng

RT: 9.557 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

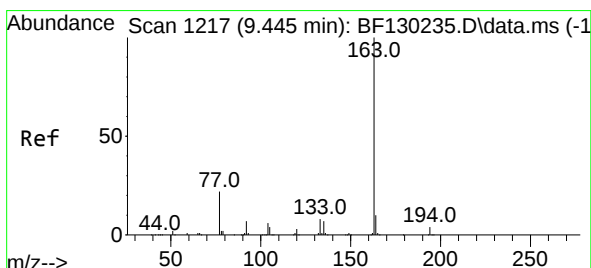
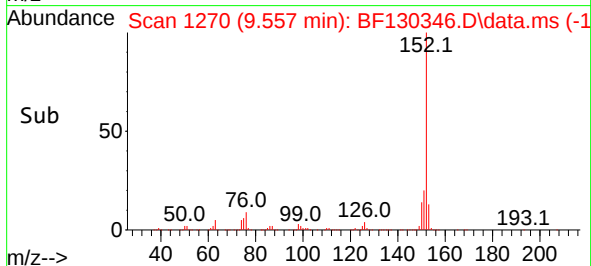
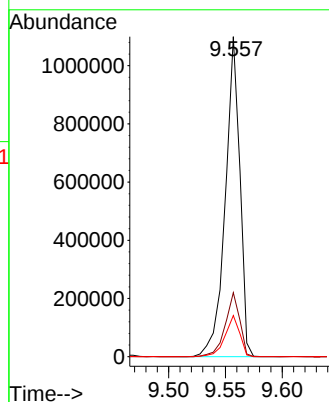
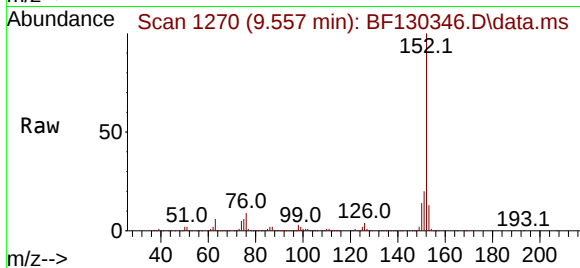
Tgt Ion:152 Resp: 981495

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 12.8 10.6 15.8



#50

Dimethylphthalate

Concen: 45.406 ng

RT: 9.433 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

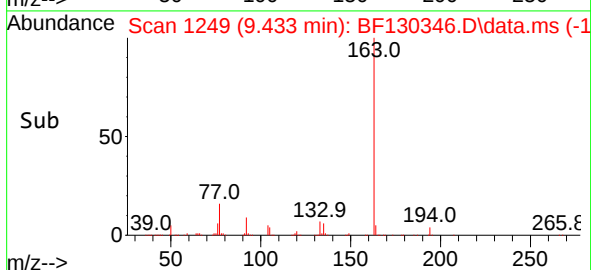
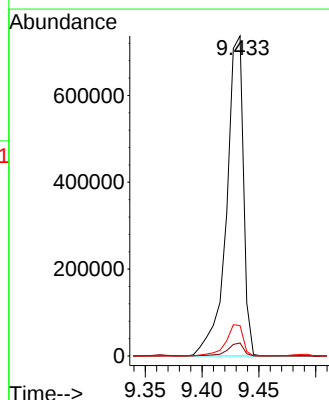
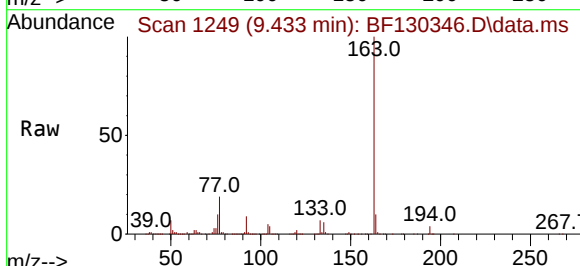
Tgt Ion:163 Resp: 763172

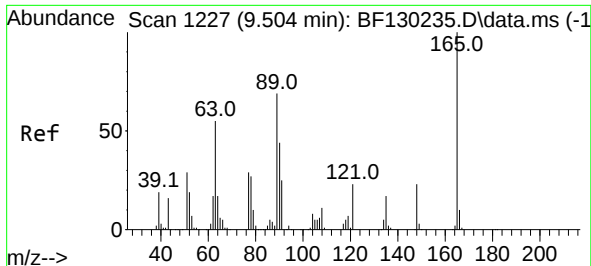
Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

164 9.5 8.2 12.2

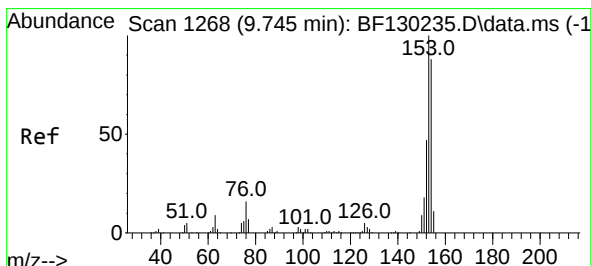
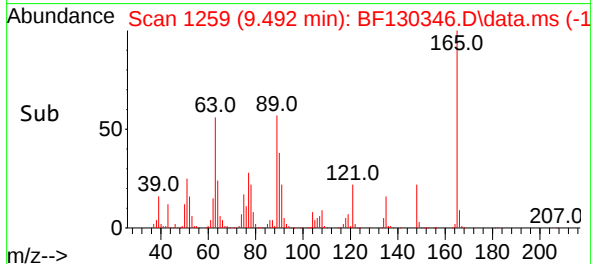
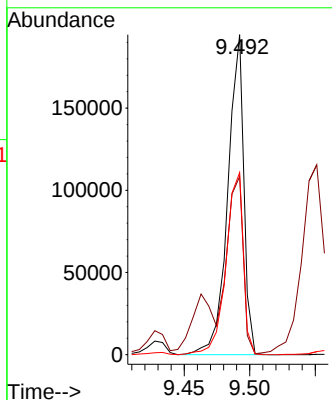
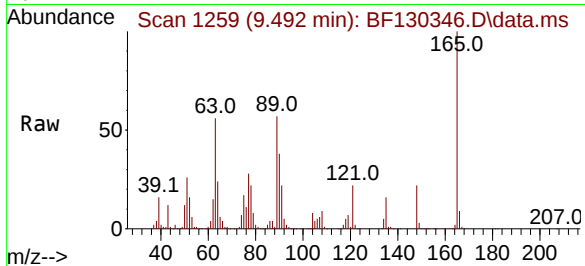




#51
2,6-Dinitrotoluene
Concen: 47.067 ng
RT: 9.492 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

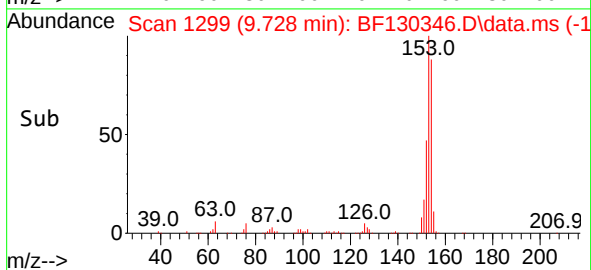
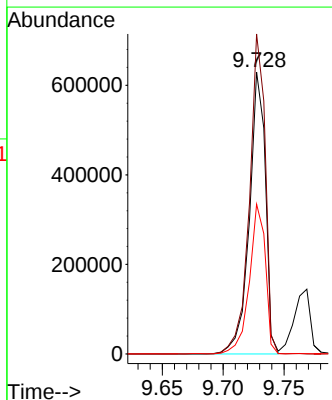
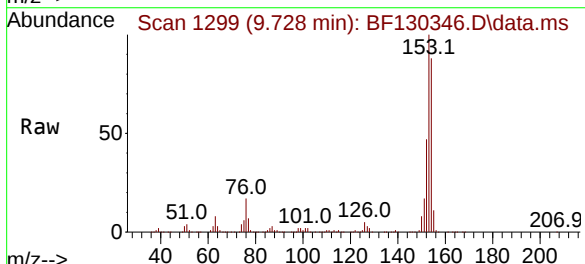
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

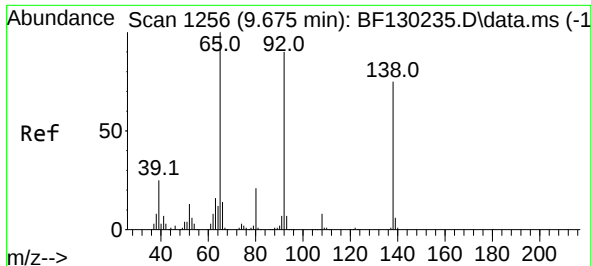
Tgt Ion:165 Resp: 165444
Ion Ratio Lower Upper
165 100
63 55.7 58.8 88.2#
89 56.9 54.5 81.7



#52
Acenaphthene
Concen: 39.846 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:154 Resp: 577022
Ion Ratio Lower Upper
154 100
153 113.5 90.6 136.0
152 53.1 43.8 65.6

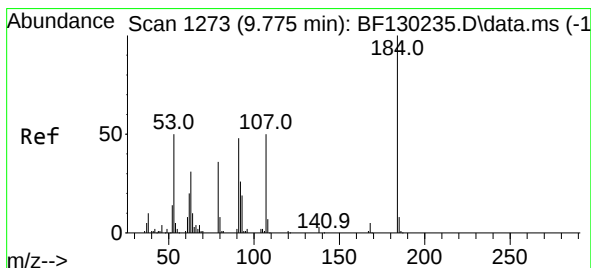
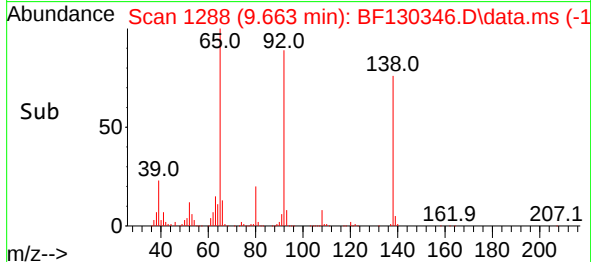
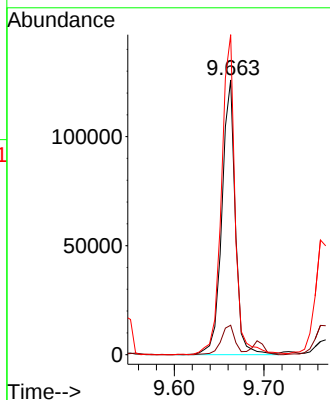
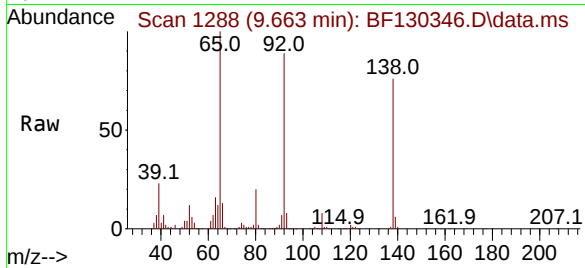




#53
3-Nitroaniline
Concen: 33.548 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

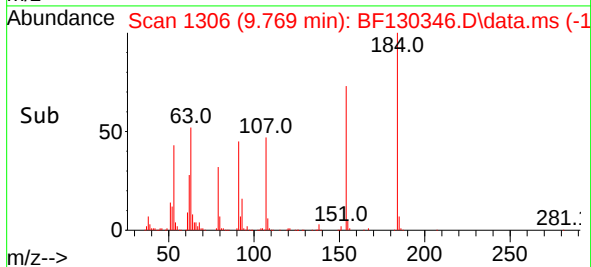
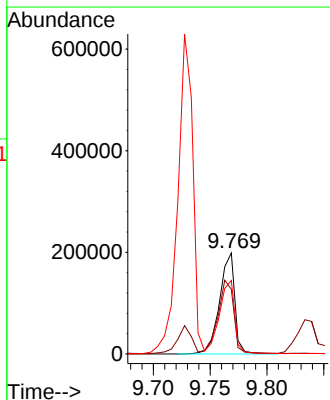
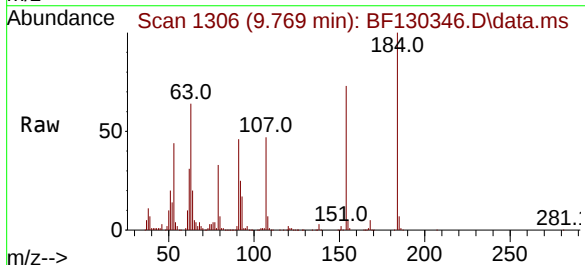
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

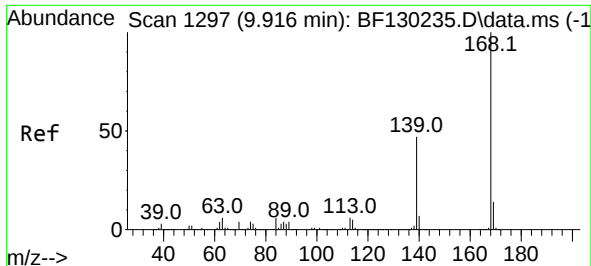
Tgt Ion:138 Resp: 131400
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 116.4 99.2 148.8



#54
2,4-Dinitrophenol
Concen: 96.459 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.012 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:184 Resp: 186591
Ion Ratio Lower Upper
184 100
63 64.1 70.0 105.0#
154 72.8 63.0 94.6

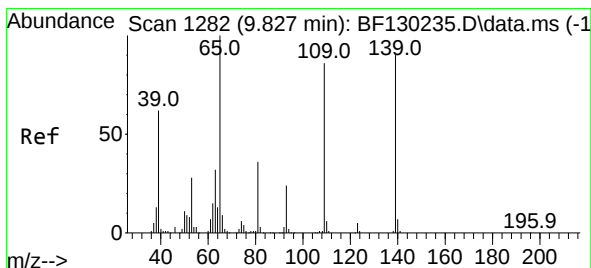
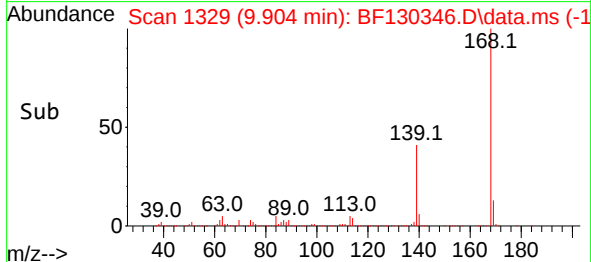
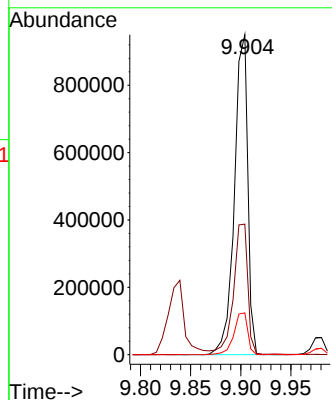
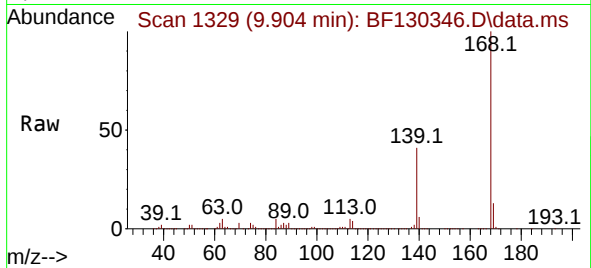




#55
Dibenzenofuran
Concen: 43.567 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

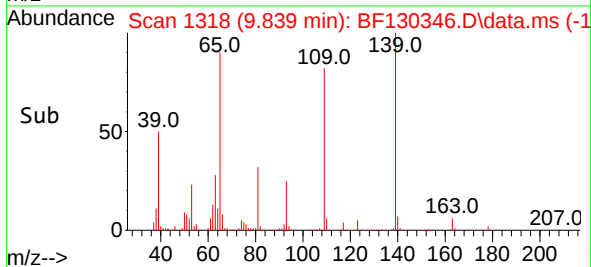
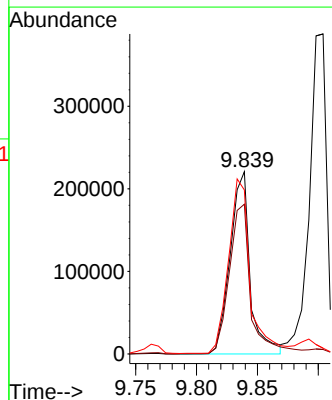
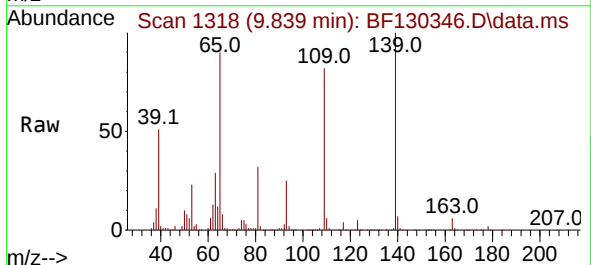
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

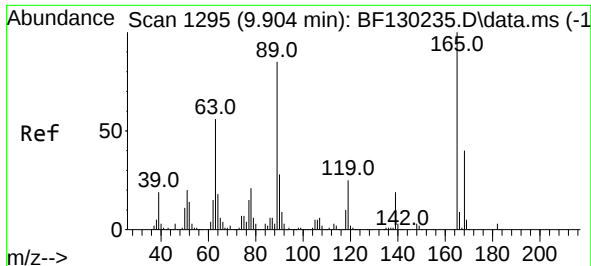
Tgt Ion:168 Resp: 877566
Ion Ratio Lower Upper
168 100
139 40.8 35.0 52.4
169 13.0 10.9 16.3



#56
4-Nitrophenol
Concen: 88.707 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.024 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:139 Resp: 253066
Ion Ratio Lower Upper
139 100
109 82.2 72.2 112.2
65 90.0 97.7 137.7#

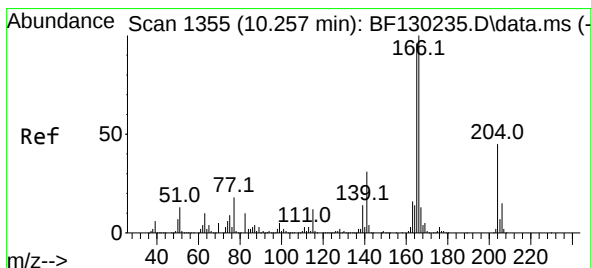
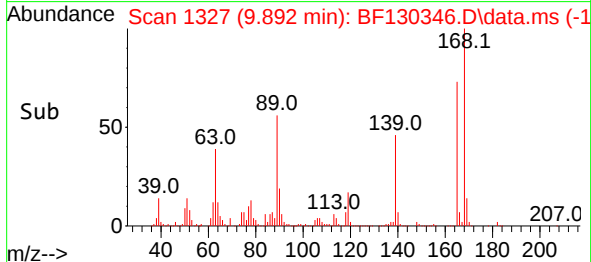
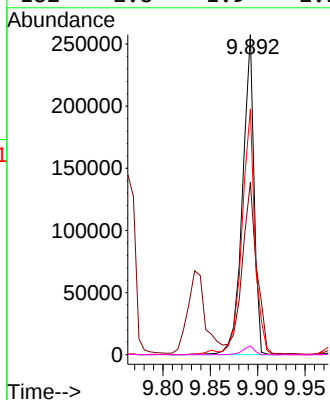
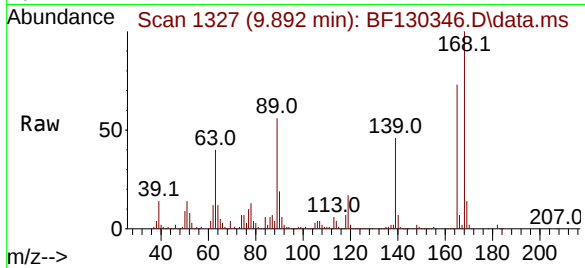




#57
2,4-Dinitrotoluene
Concen: 48.513 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

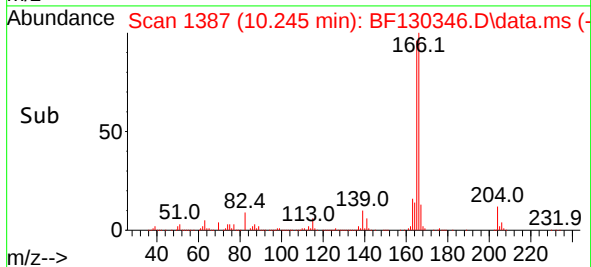
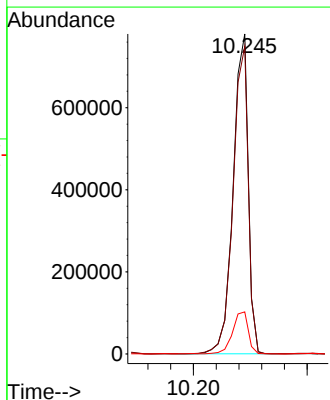
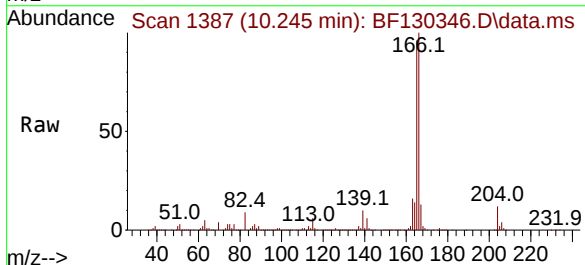
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

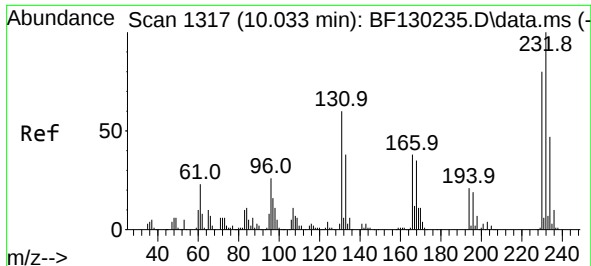
Tgt Ion:165 Resp: 217938
Ion Ratio Lower Upper
165 100
63 53.9 44.7 67.1
89 76.8 69.0 103.4
182 2.8 1.9 2.9



#58
Fluorene
Concen: 43.405 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:166 Resp: 715008
Ion Ratio Lower Upper
166 100
165 96.1 78.8 118.2
167 13.2 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.554 ng

RT: 10.022 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

Tgt Ion:232 Resp: 174401

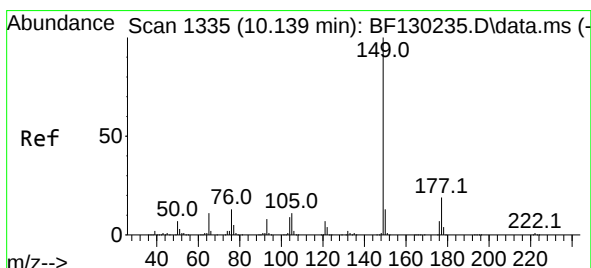
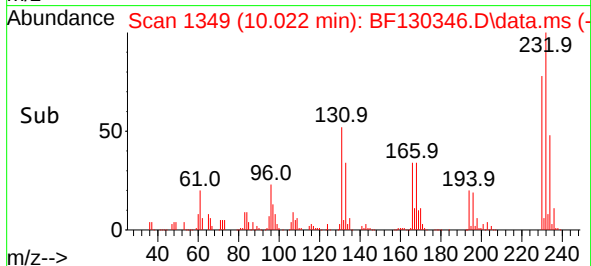
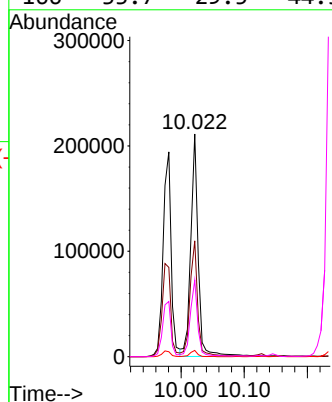
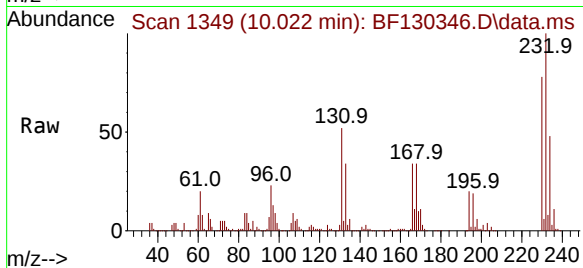
Ion Ratio Lower Upper

232 100

131 52.5 46.4 69.6

130 2.9 2.3 3.5

166 33.7 29.5 44.3



#60

Diethylphthalate

Concen: 44.715 ng

RT: 10.128 min Scan# 1367

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

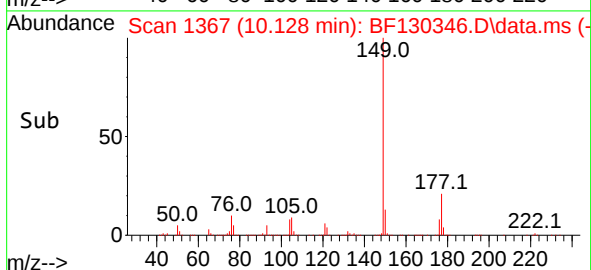
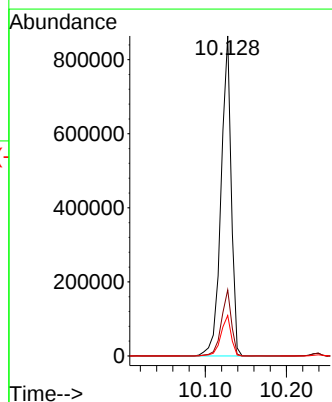
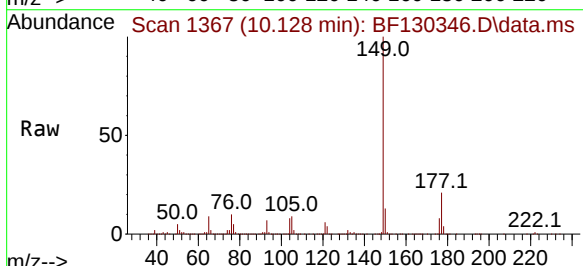
Tgt Ion:149 Resp: 753651

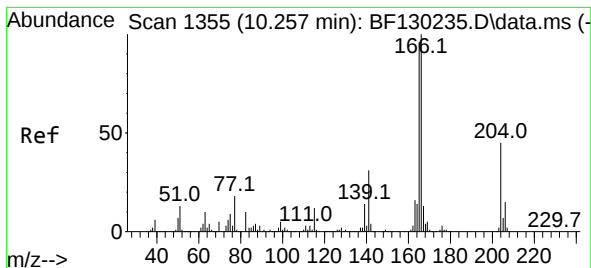
Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

150 12.7 9.9 14.9

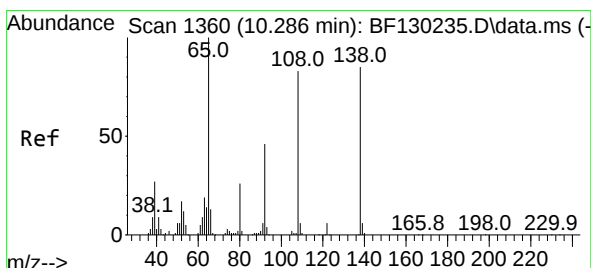
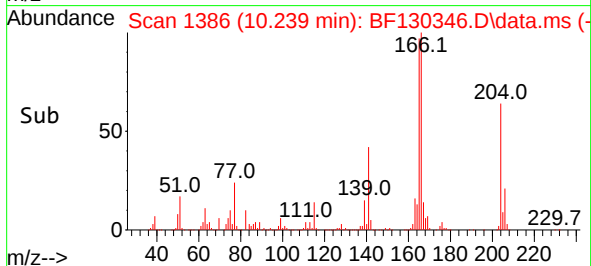
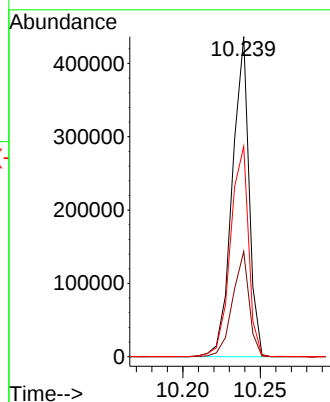
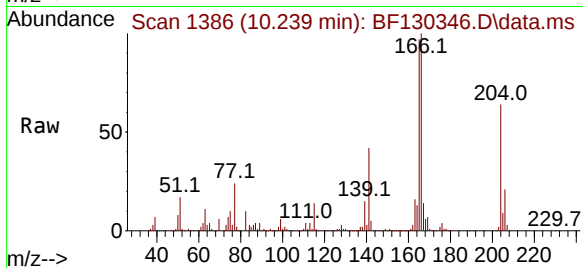




#61
4-Chlorophenyl-phenylether
Concen: 45.661 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

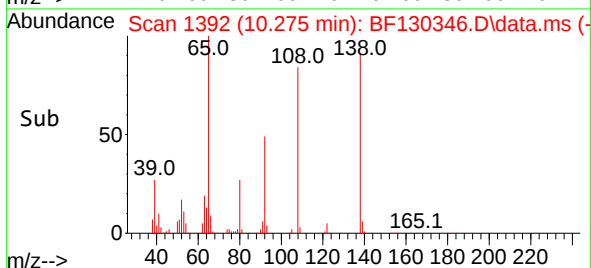
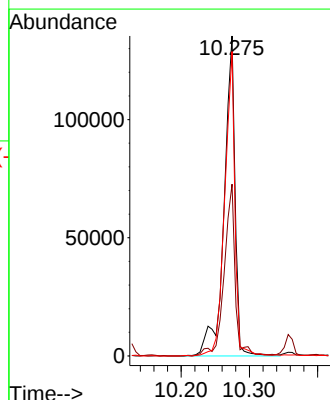
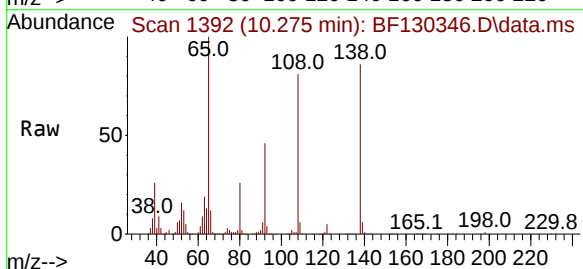
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

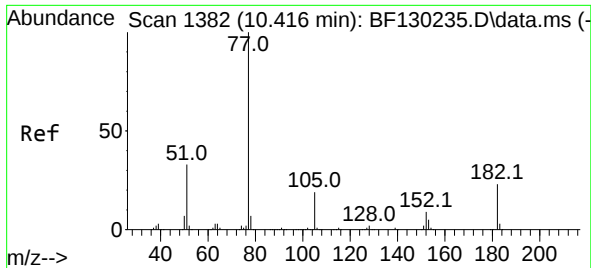
Tgt Ion:204 Resp: 329968
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 65.7 57.1 85.7



#62
4-Nitroaniline
Concen: 38.905 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:138 Resp: 153080
Ion Ratio Lower Upper
138 100
92 53.7 36.7 76.7
108 95.2 78.2 118.2

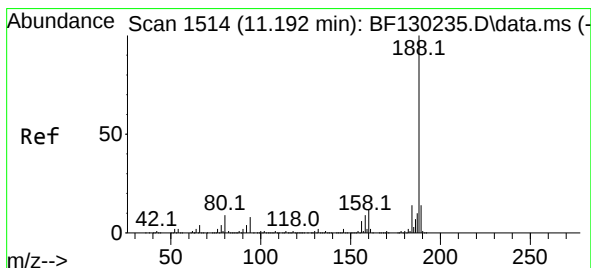
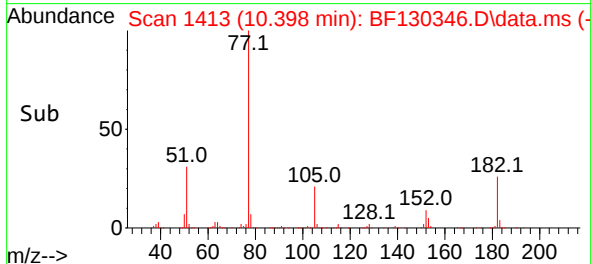
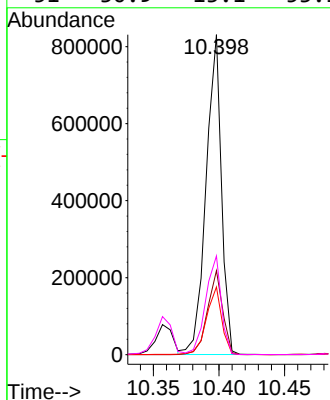
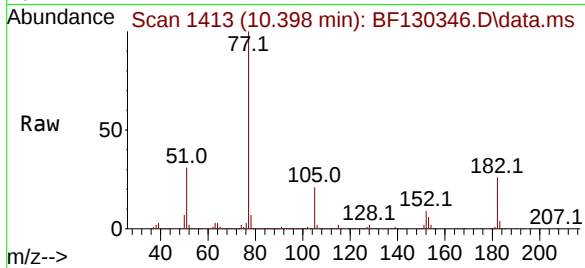




#63
Azobenzene
Concen: 39.037 ng
RT: 10.398 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

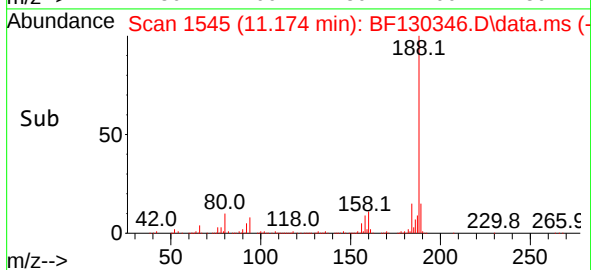
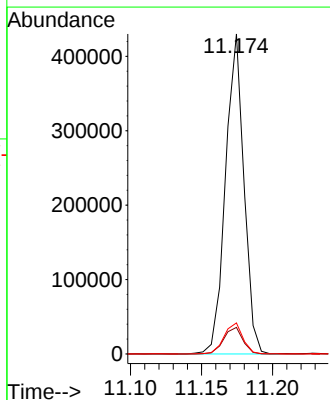
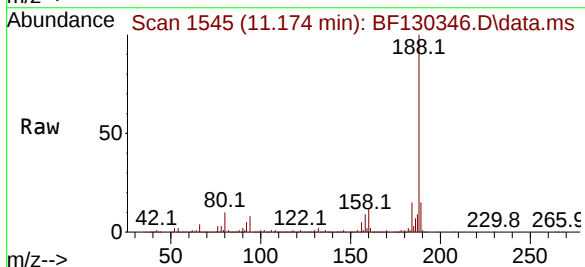
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

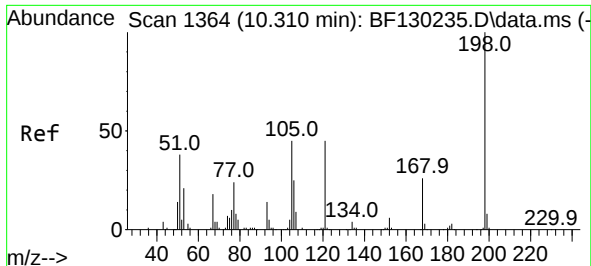
Tgt Ion: 77	Resp: 677500
Ion Ratio	Lower Upper
77 100	
182 26.2	2.1 42.1
105 21.2	0.0 39.4
51 30.9	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.174 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt	Ion:188	Resp:	387152
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	9.7	7.9	11.9

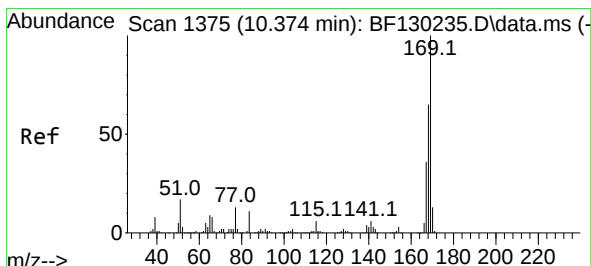
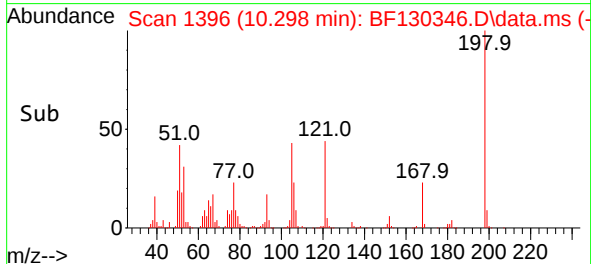
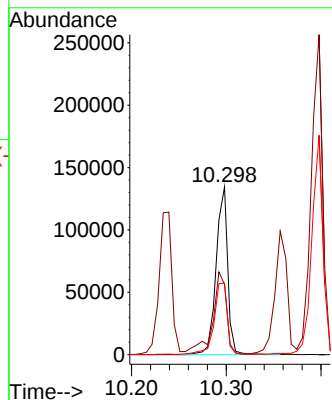
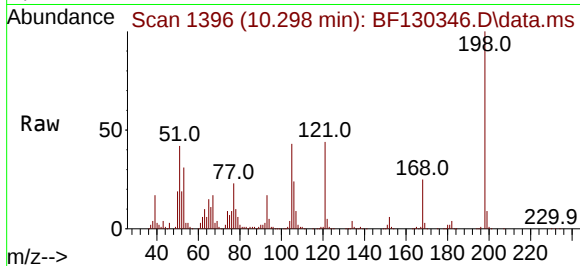




#65
4,6-Dinitro-2-methylphenol
Concen: 52.901 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

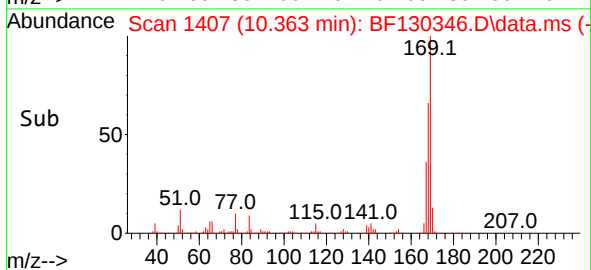
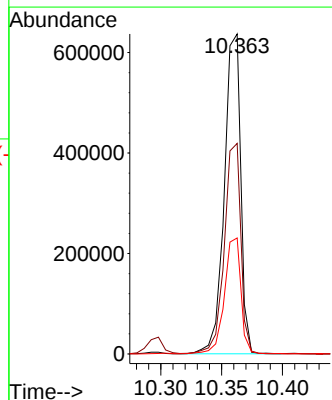
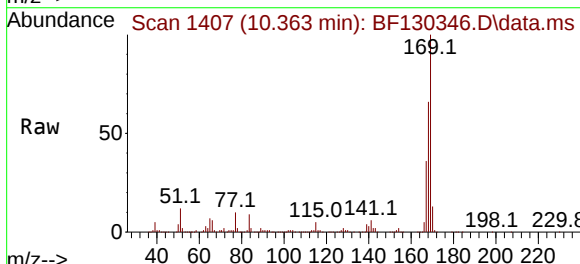
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

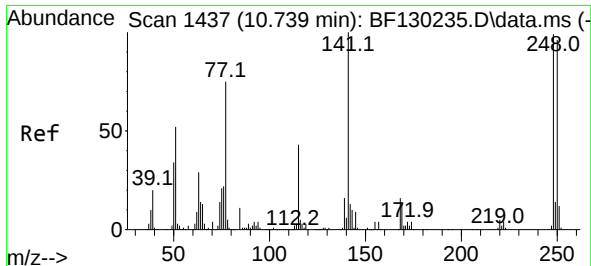
Tgt Ion:198 Resp: 114009
Ion Ratio Lower Upper
198 100
51 41.8 36.9 76.9
105 42.6 33.0 73.0



#66
n-Nitrosodiphenylamine
Concen: 46.332 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:169 Resp: 599416
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.2 29.2 43.8

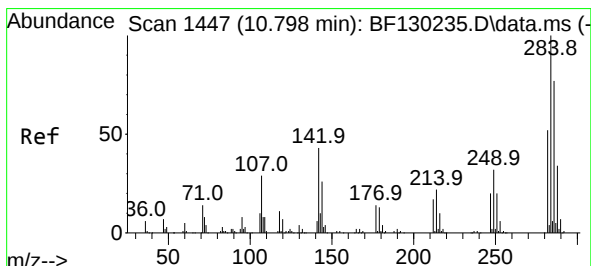
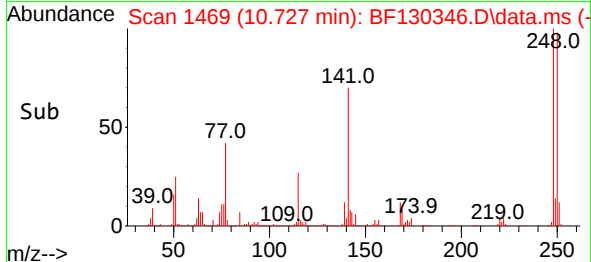
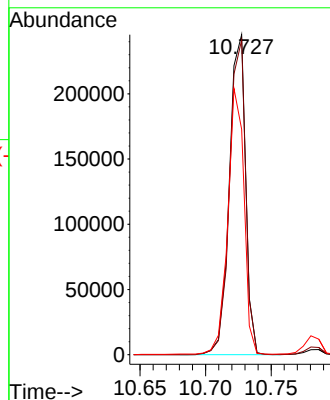
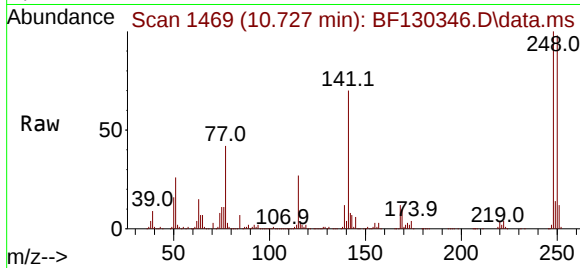




#67
4-Bromophenyl-phenylether
Concen: 49.436 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

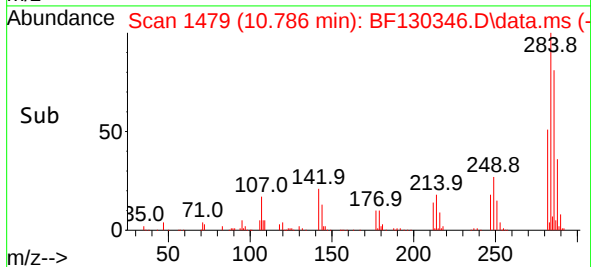
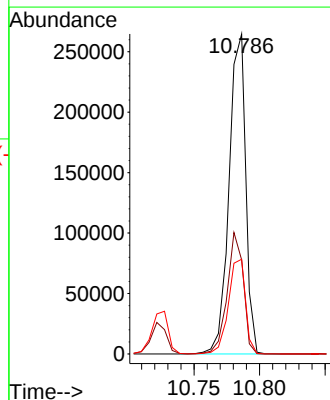
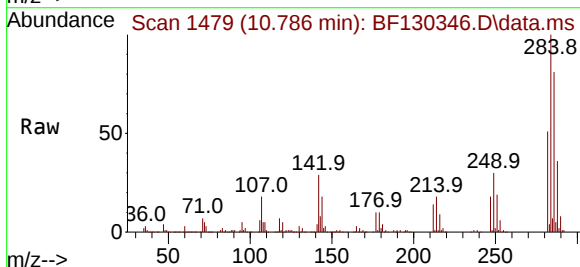
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

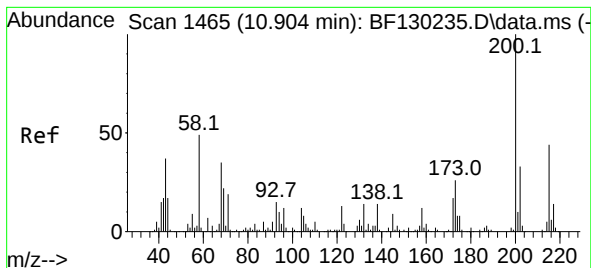
Tgt Ion:248 Resp: 211136
Ion Ratio Lower Upper
248 100
250 98.3 80.0 120.0
141 70.5 68.5 102.7



#68
Hexachlorobenzene
Concen: 48.331 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:284 Resp: 233988
Ion Ratio Lower Upper
284 100
142 29.4 27.2 40.8
249 29.6 23.8 35.8





#69

Atrazine

Concen: 49.160 ng

RT: 10.892 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

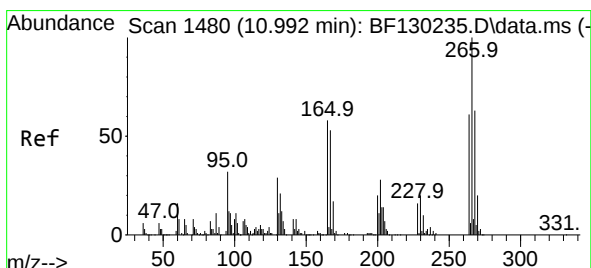
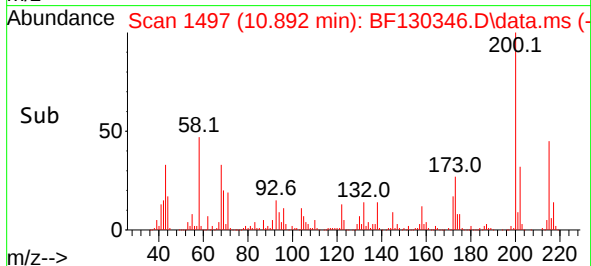
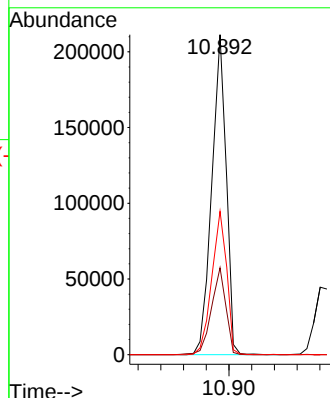
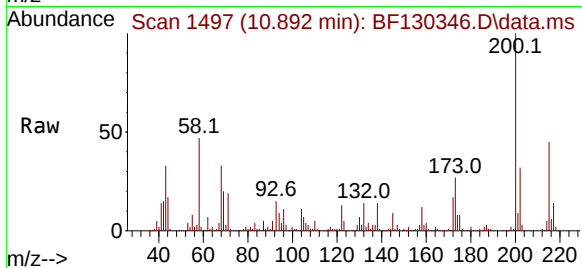
Tgt Ion:200 Resp: 185863

Ion Ratio Lower Upper

200 100

173 27.1 6.2 46.2

215 44.8 22.5 62.5



#70

Pentachlorophenol

Concen: 94.452 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.012 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

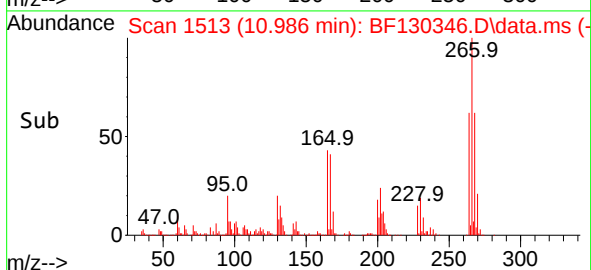
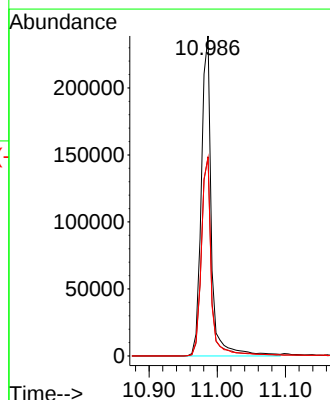
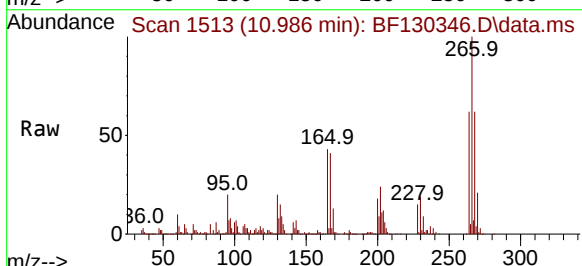
Tgt Ion:266 Resp: 245416

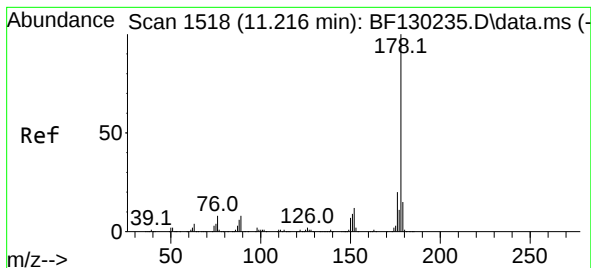
Ion Ratio Lower Upper

266 100

268 62.2 50.5 75.7

264 61.9 50.5 75.7





#71

Phenanthrene

Concen: 49.136 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

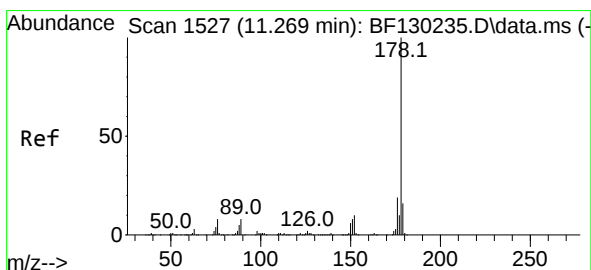
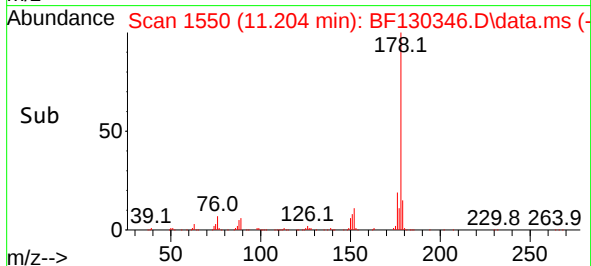
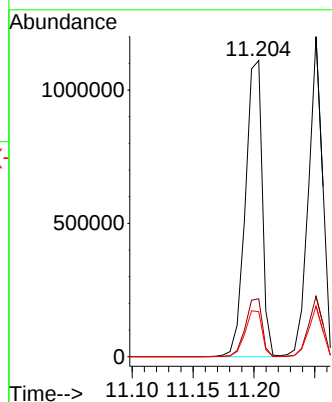
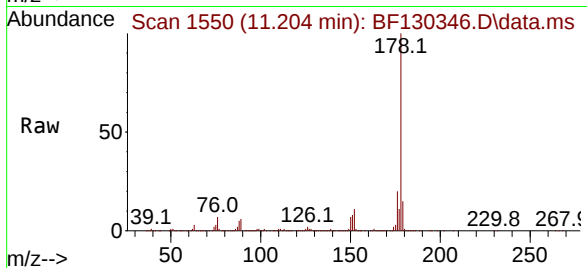
Tgt Ion:178 Resp: 1068030

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.2 12.4 18.6



#72

Anthracene

Concen: 45.883 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

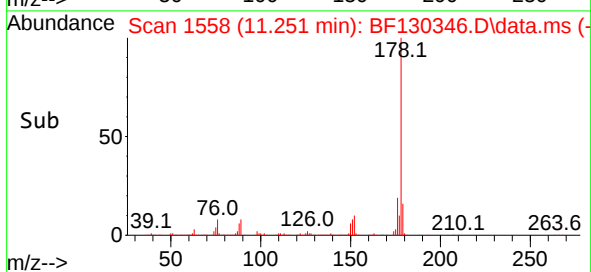
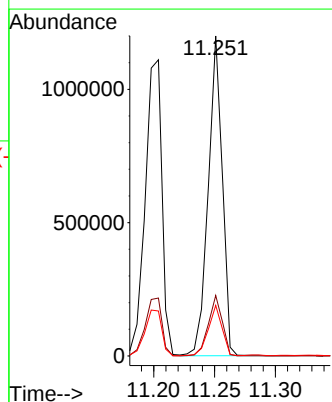
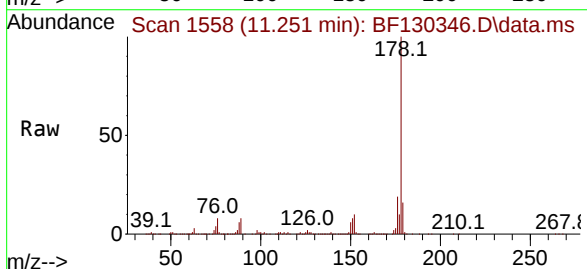
Tgt Ion:178 Resp: 962448

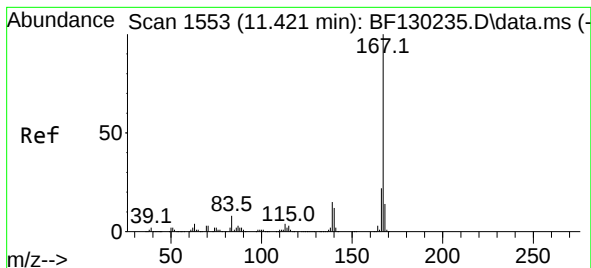
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.8 12.7 19.1





#73

Carbazole

Concen: 44.039 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

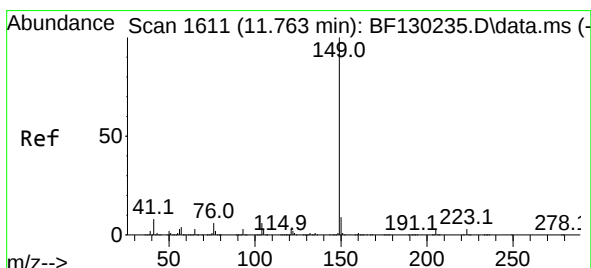
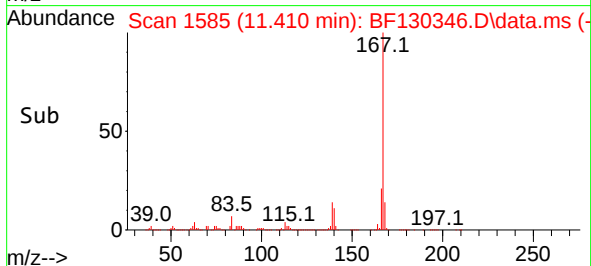
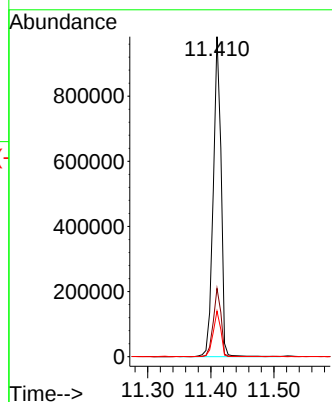
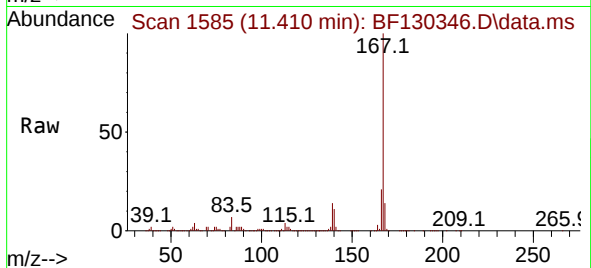
Tgt Ion:167 Resp: 833682

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.2

139 14.3 11.6 17.4



#74

Di-n-butylphthalate

Concen: 47.618 ng

RT: 11.745 min Scan# 1642

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

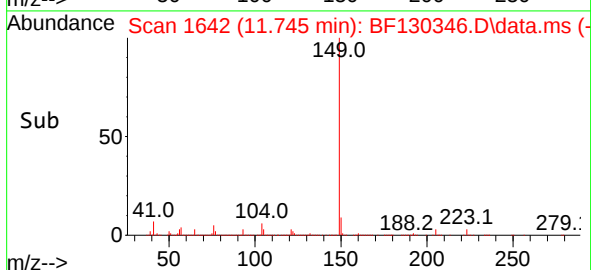
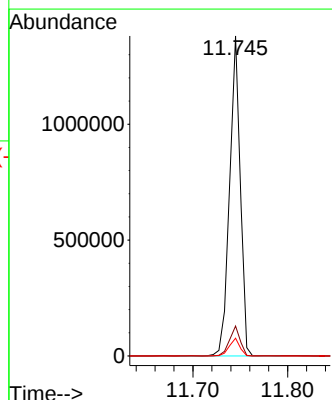
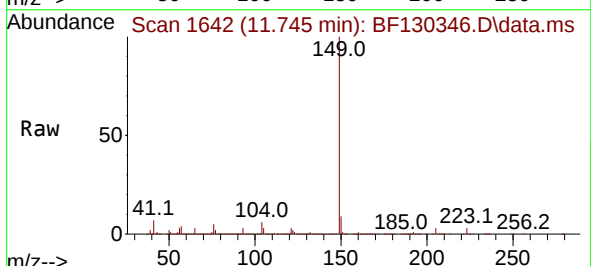
Tgt Ion:149 Resp: 1087032

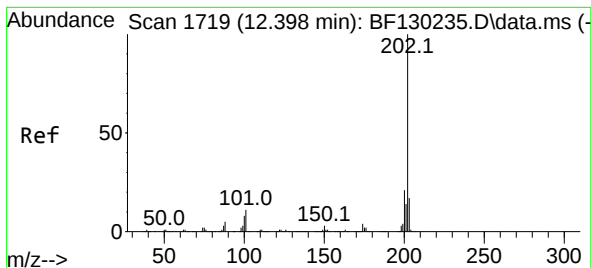
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.6 4.8 7.2





#75

Fluoranthene

Concen: 51.707 ng

RT: 12.386 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

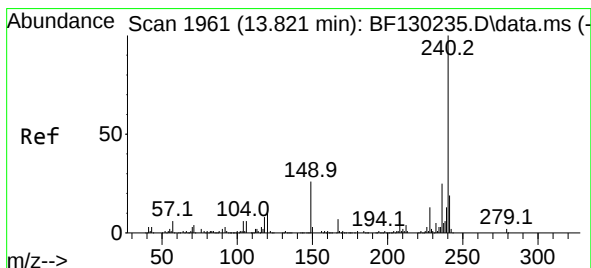
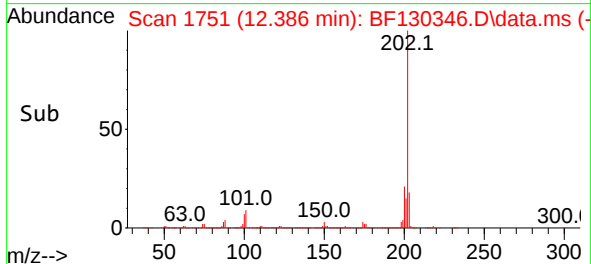
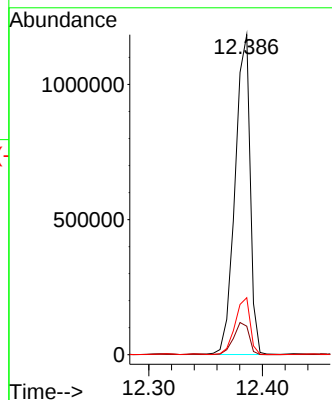
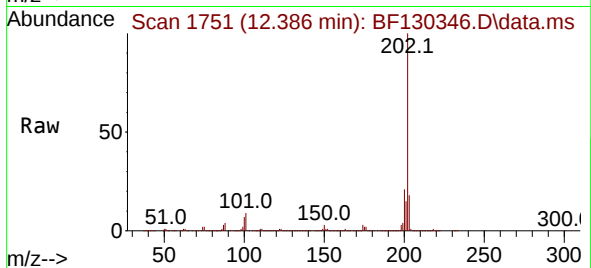
Tgt Ion:202 Resp: 1086050

Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.8

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

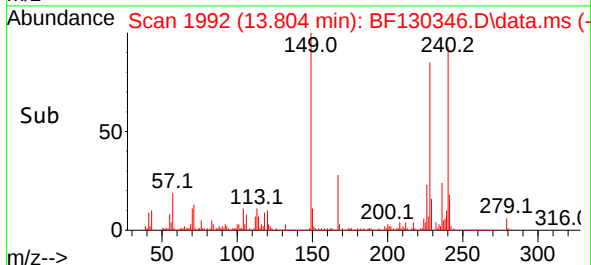
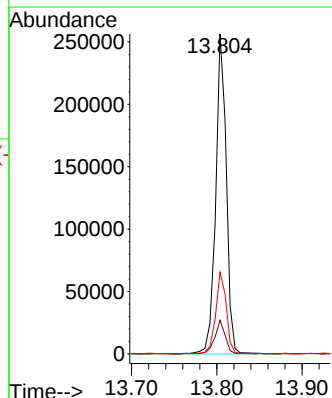
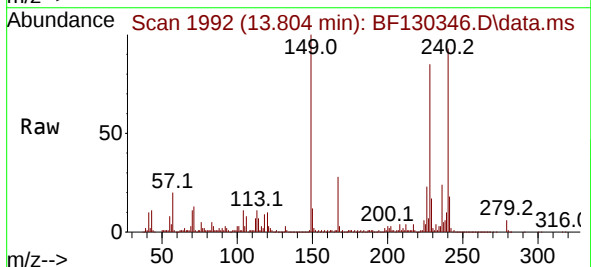
Tgt Ion:240 Resp: 222179

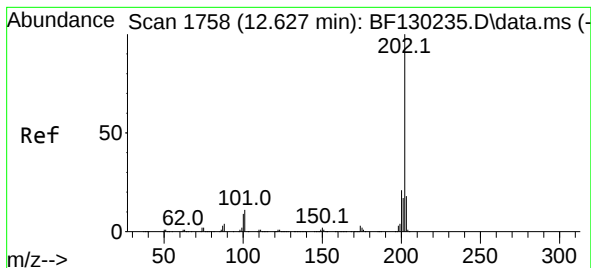
Ion Ratio Lower Upper

240 100

120 10.5 8.7 13.1

236 25.6 20.9 31.3





#78

Pyrene

Concen: 55.161 ng

RT: 12.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

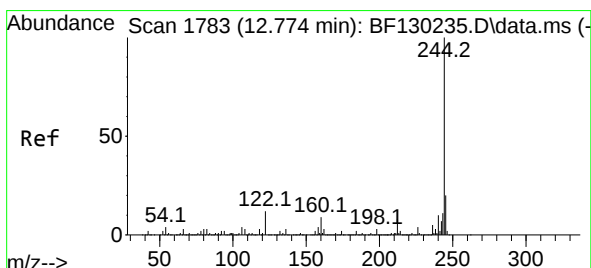
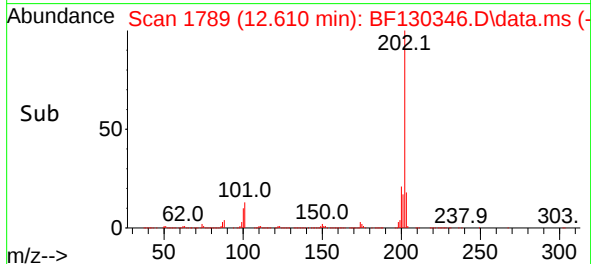
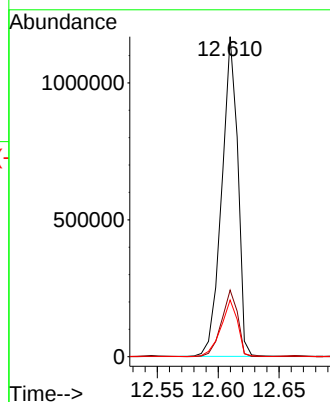
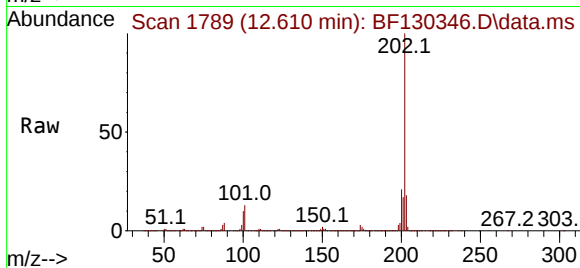
BNA_F

ClientSampleId :

ROLLOFF-SOILMS

Tgt Ion:202 Resp: 1072132

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.2	25.8
203	17.7	14.3	21.5



#79

Terphenyl-d14

Concen: 73.181 ng

RT: 12.757 min Scan# 1814

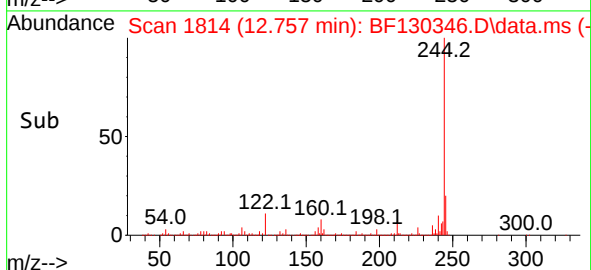
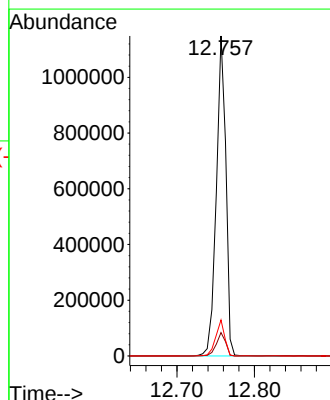
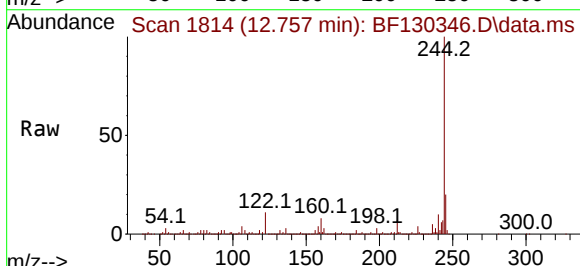
Delta R.T. 0.000 min

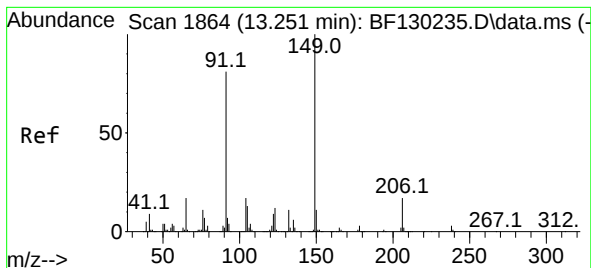
Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Tgt Ion:244 Resp: 981545

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.3	8.5	12.7





#80

Butylbenzylphthalate

Concen: 51.570 ng

RT: 13.239 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

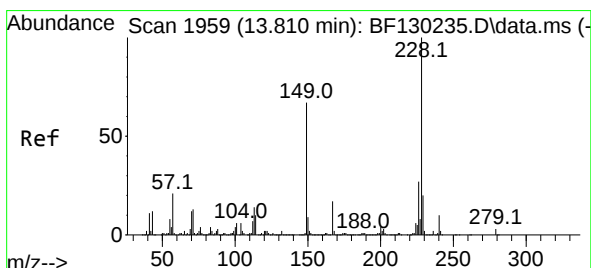
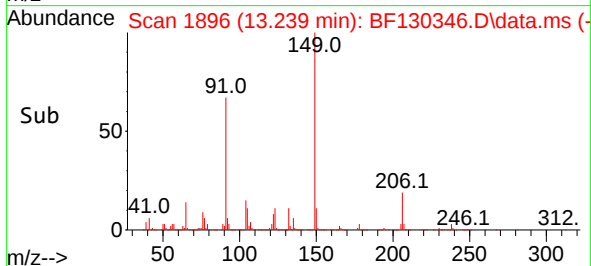
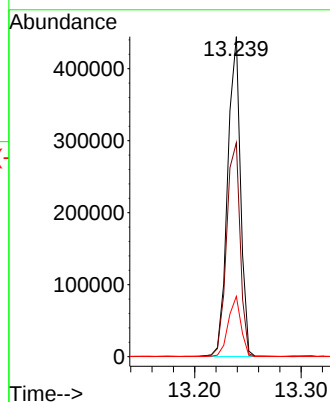
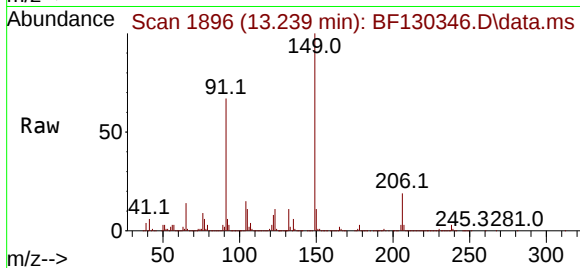
Tgt Ion:149 Resp: 371323

Ion Ratio Lower Upper

149 100

91 66.9 59.8 89.8

206 18.9 13.9 20.9



#81

Benzo(a)anthracene

Concen: 51.900 ng

RT: 13.792 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

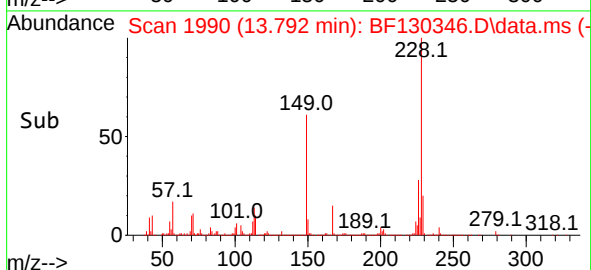
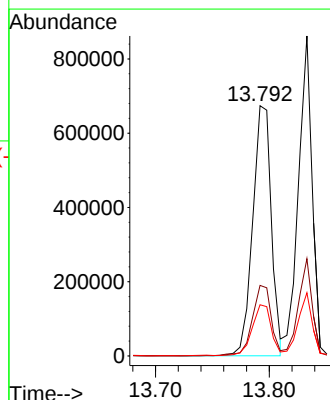
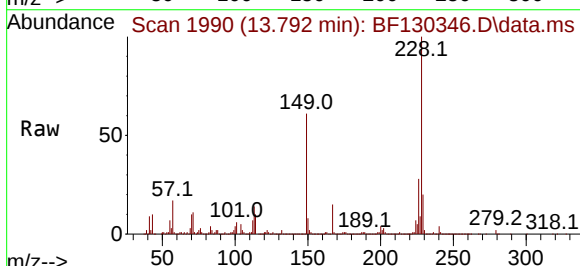
Tgt Ion:228 Resp: 767100

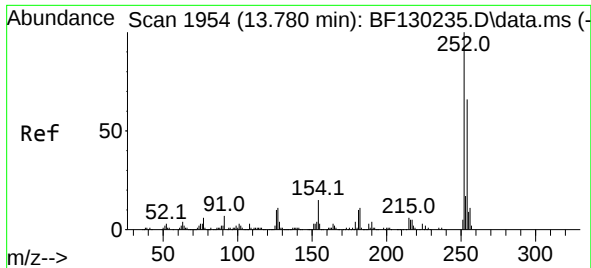
Ion Ratio Lower Upper

228 100

226 28.2 21.9 32.9

229 20.5 16.1 24.1

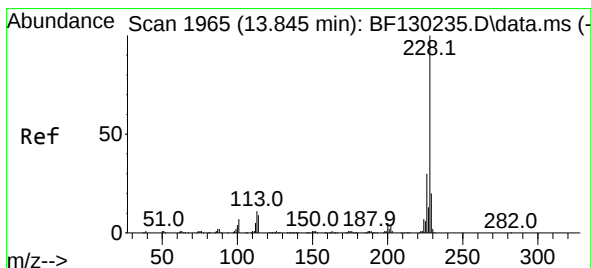
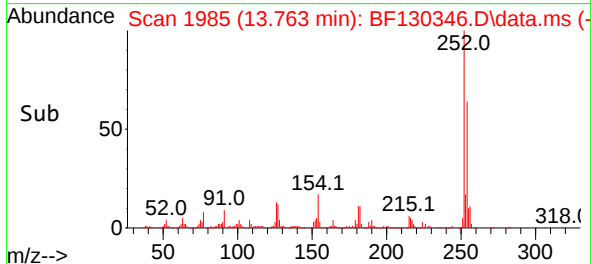
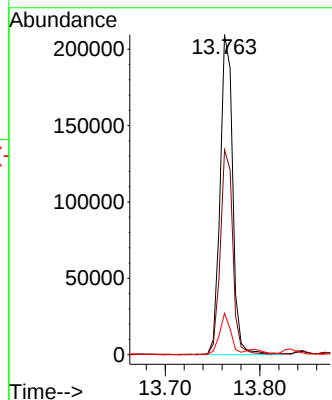
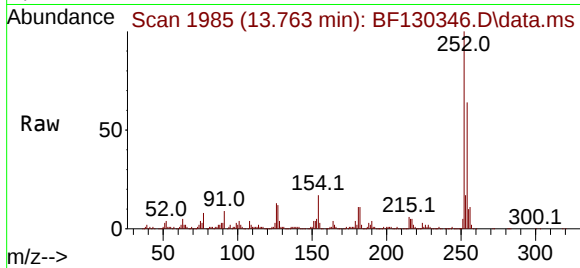




#82
 3,3'-Dichlorobenzidine
 Concen: 48.049 ng
 RT: 13.763 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

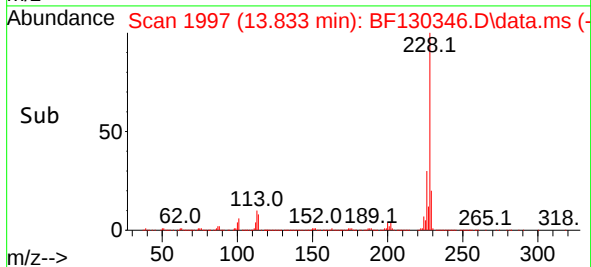
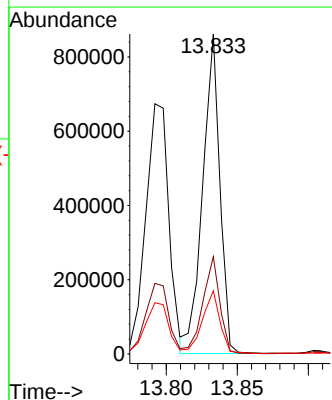
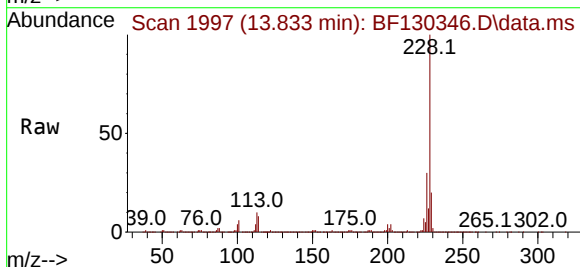
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS

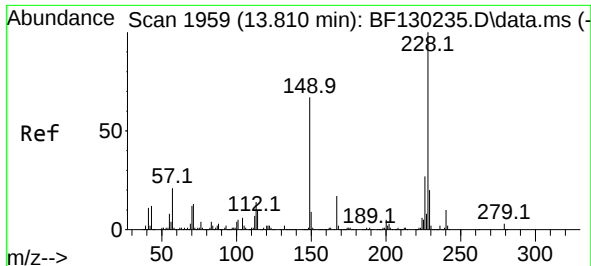
Tgt Ion:252 Resp: 193318
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.1 76.7
 126 12.9 10.4 15.6



#83
 Chrysene
 Concen: 51.590 ng
 RT: 13.833 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

Tgt Ion:228 Resp: 724020
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.8 35.8
 229 19.7 15.3 22.9

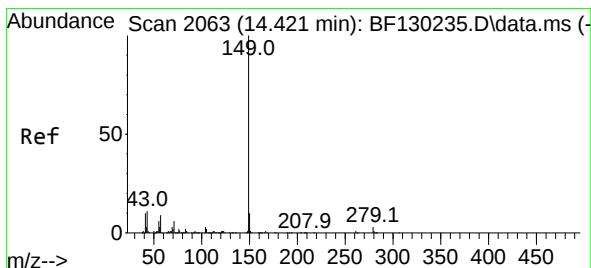
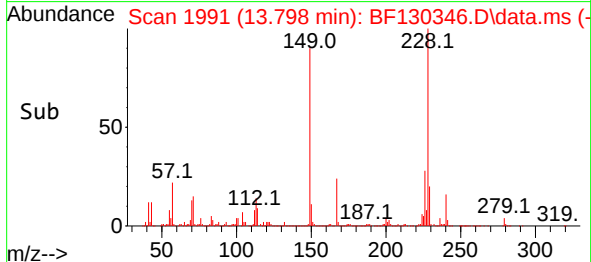
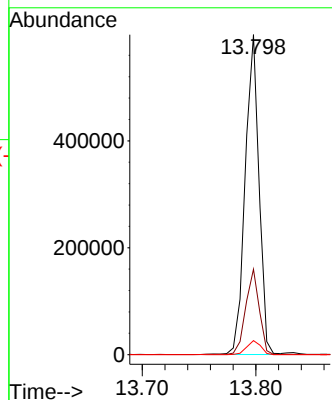
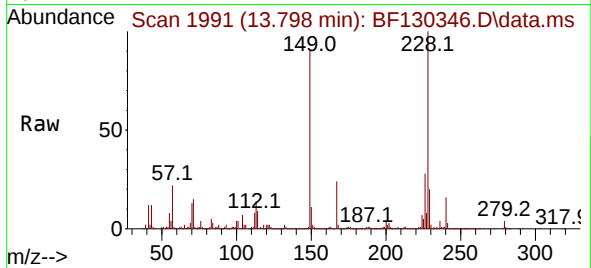




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.253 ng
 RT: 13.798 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

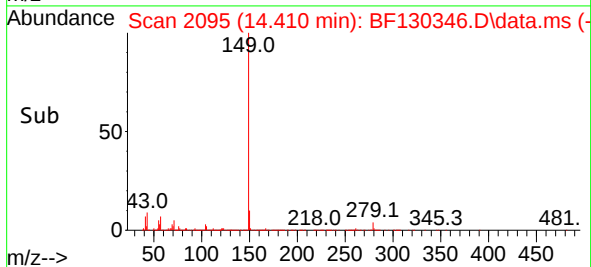
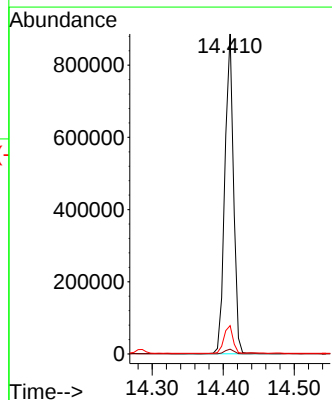
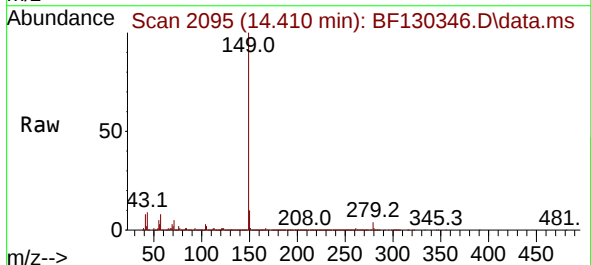
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS

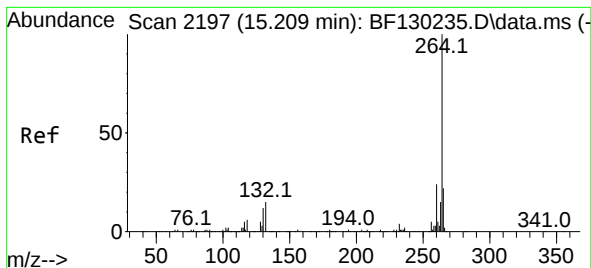
Tgt Ion:149 Resp: 505186
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.5 30.7
 279 4.4 2.9 4.3#



#85
 Di-n-octyl phthalate
 Concen: 58.853 ng
 RT: 14.410 min Scan# 2095
 Delta R.T. 0.006 min
 Lab File: BF130346.D
 Acq: 20 Sep 2022 16:07

Tgt Ion:149 Resp: 742410
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.2 8.7 13.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.192 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

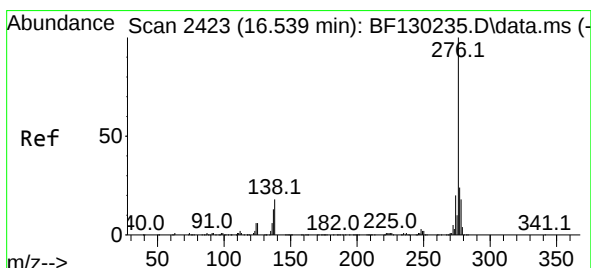
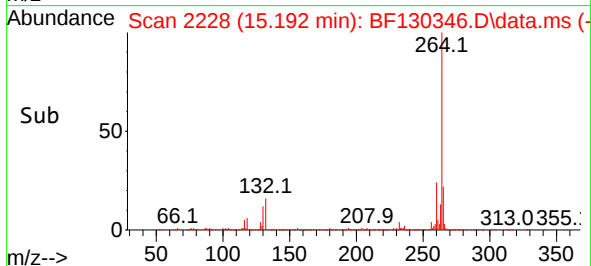
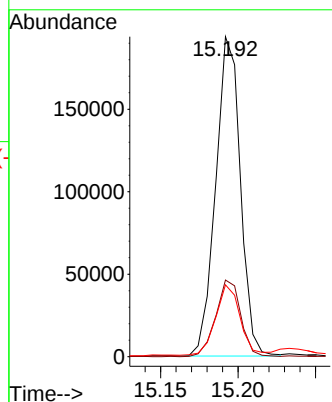
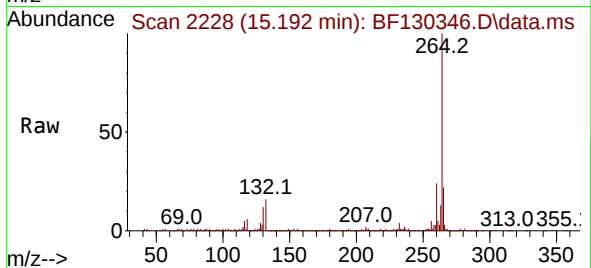
Tgt Ion:264 Resp: 214968

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.5 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.681 ng

RT: 16.527 min Scan# 2455

Delta R.T. 0.018 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

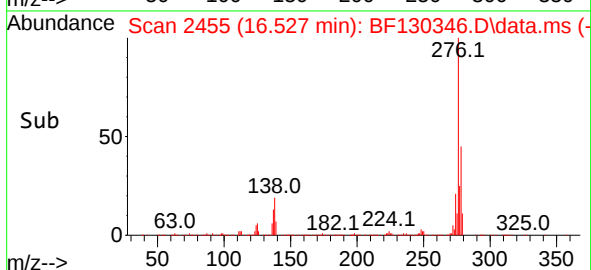
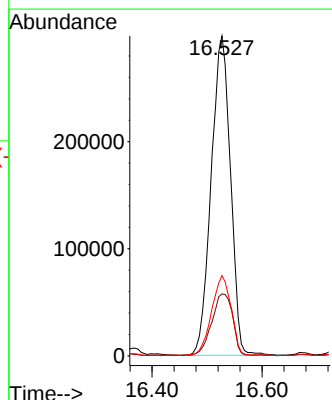
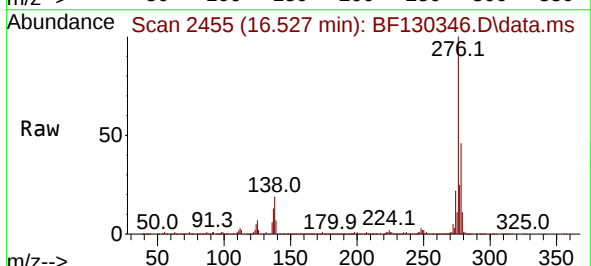
Tgt Ion:276 Resp: 726869

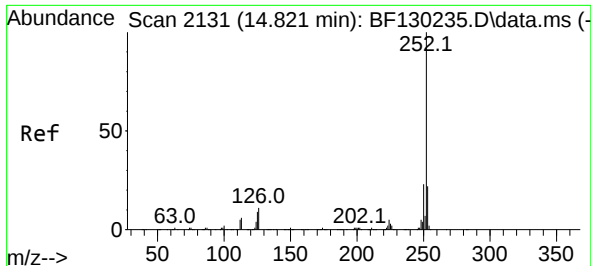
Ion Ratio Lower Upper

276 100

138 20.9 18.5 27.7

277 25.2 20.2 30.4

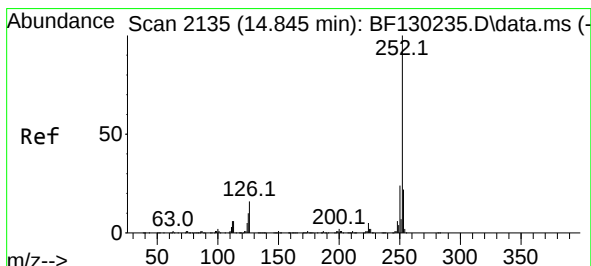
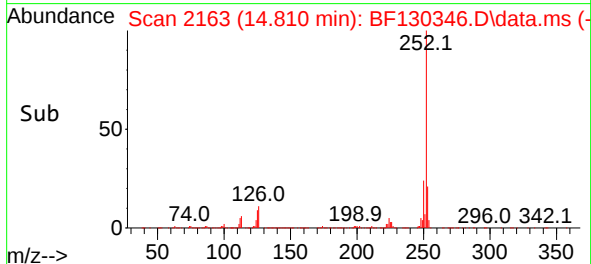
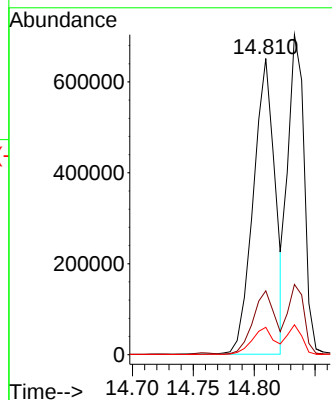
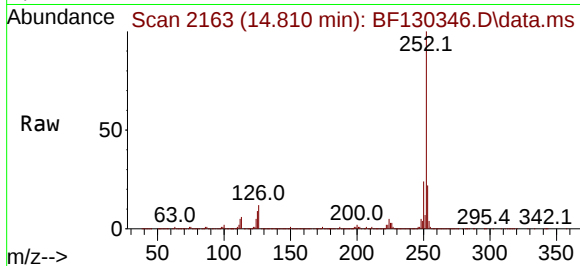




#88
Benzo(b)fluoranthene
Concen: 57.854 ng
RT: 14.810 min Scan# 2163
Delta R.T. 0.012 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

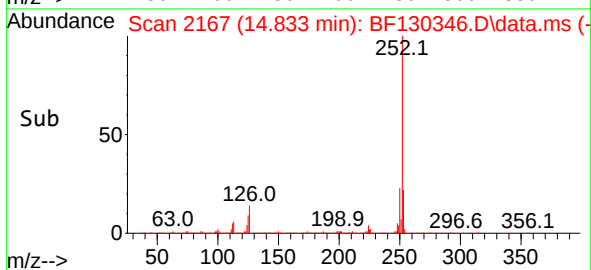
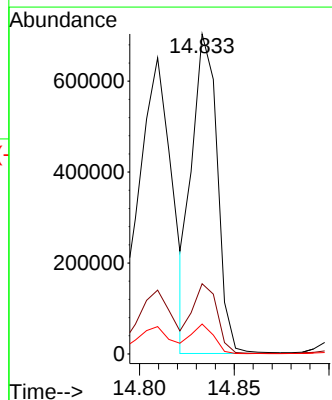
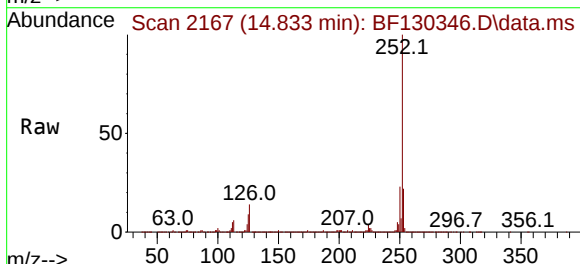
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-SOILMS

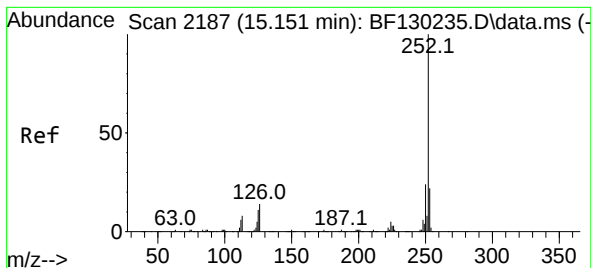
Tgt Ion:252 Resp: 811736
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.2 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 47.116 ng
RT: 14.833 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BF130346.D
Acq: 20 Sep 2022 16:07

Tgt Ion:252 Resp: 650306
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.4 7.9 11.9





#90

Benzo(a)pyrene

Concen: 59.379 ng

RT: 15.139 min Scan# 2187

Delta R.T. 0.006 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS

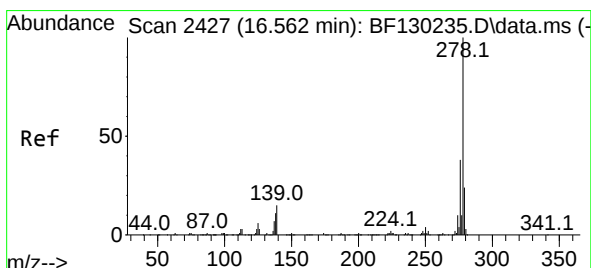
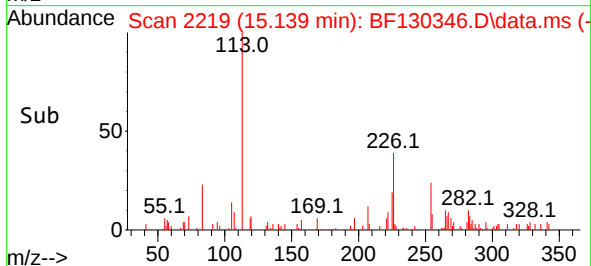
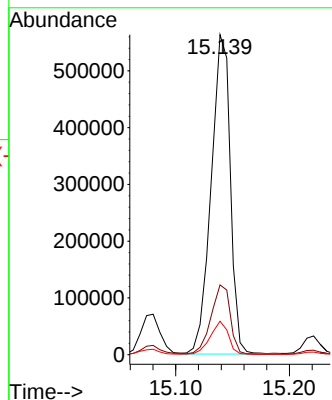
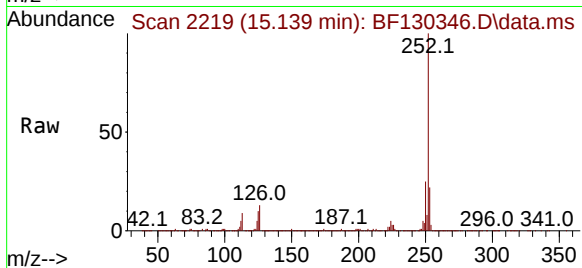
Tgt Ion:252 Resp: 660050

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.5 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 47.741 ng

RT: 16.545 min Scan# 2458

Delta R.T. 0.018 min

Lab File: BF130346.D

Acq: 20 Sep 2022 16:07

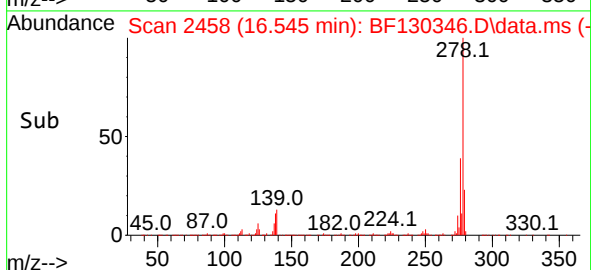
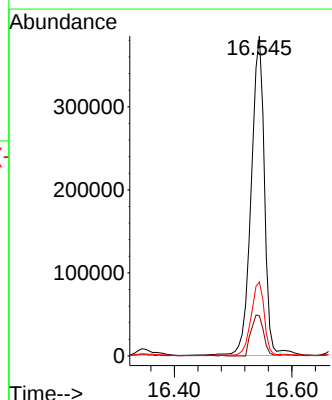
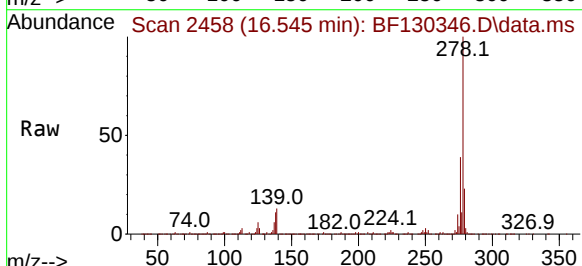
Tgt Ion:278 Resp: 597030

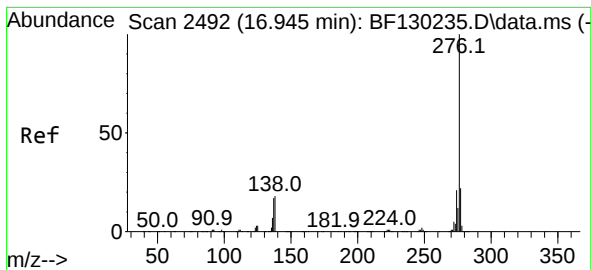
Ion Ratio Lower Upper

278 100

139 12.6 11.8 17.8

279 23.1 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 48.236 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF130346.D

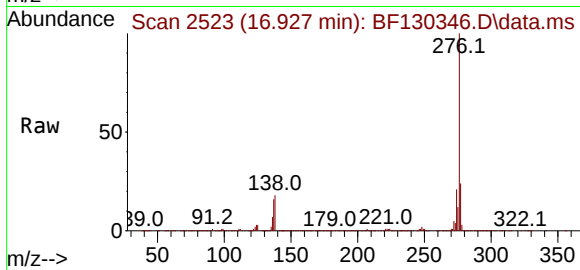
Acq: 20 Sep 2022 16:07

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-SOILMS



Tgt Ion:276 Resp: 607657

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 17.9 14.6 21.8

