

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132778.D
 Acq On : 14 Mar 2023 15:08
 Operator : CG\JU
 Sample : 01877-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

Quant Time: Mar 14 15:40:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	219118	20.000	ng	0.00	
21) Naphthalene-d8	8.251	136	810318	20.000	ng	0.00	
39) Acenaphthene-d10	10.010	164	436624	20.000	ng	0.00	
64) Phenanthrene-d10	11.504	188	831673	20.000	ng	0.00	
76) Chrysene-d12	14.163	240	411267	20.000	ng	0.00	
86) Perylene-d12	15.692	264	469283	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.616	112	1312289	97.199	ng	0.02	
7) Phenol-d6	6.604	99	1622860	92.103	ng	0.00	
23) Nitrobenzene-d5	7.534	82	1162054	68.039	ng	0.00	
42) 2,4,6-Tribromophenol	10.810	330	533473	113.135	ng	0.00	
45) 2-Fluorobiphenyl	9.328	172	1898434	66.205	ng	0.00	
79) Terphenyl-d14	13.092	244	2338001	96.117	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.010	88	249616	33.424	ng	#	83
3) Pyridine	3.734	79	509358	25.694	ng		92
4) n-Nitrosodimethylamine	3.663	42	258226	34.486	ng		84
6) Aniline	6.634	93	299607	12.635	ng		97
8) 2-Chlorophenol	6.757	128	599600	42.791	ng		96
9) Benzaldehyde	6.522	77	139056	14.626	ng		96
10) Phenol	6.616	94	681095	33.716	ng		94
11) bis(2-Chloroethyl)ether	6.698	93	647951	41.549	ng		95
12) 1,3-Dichlorobenzene	6.910	146	608171	40.445	ng		97
13) 1,4-Dichlorobenzene	6.987	146	609271	40.578	ng		98
14) 1,2-Dichlorobenzene	7.134	146	596135	41.370	ng		99
15) Benzyl Alcohol	7.110	79	545808	40.222	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.240	45	740582	37.240	ng		96
17) 2-Methylphenol	7.222	107	486983	37.238	ng		98
18) Hexachloroethane	7.475	117	237536	40.494	ng		97
19) n-Nitroso-di-n-propyla...	7.381	70	381544	35.185	ng		91
20) 3+4-Methylphenols	7.375	107	541525	32.052	ng		94
22) Acetophenone	7.375	105	755275	36.964	ng	#	92
24) Nitrobenzene	7.551	77	675720	36.993	ng		99
25) Isophorone	7.787	82	1252217	38.241	ng		99
26) 2-Nitrophenol	7.869	139	330242	40.976	ng		90
27) 2,4-Dimethylphenol	7.904	122	515696	40.542	ng		96
28) bis(2-Chloroethoxy)met...	7.992	93	764603	39.916	ng		99
29) 2,4-Dichlorophenol	8.110	162	515562	40.746	ng		99
30) 1,2,4-Trichlorobenzene	8.192	180	552654	40.224	ng		96
31) Naphthalene	8.275	128	1604864	38.687	ng		100
32) Benzoic acid	8.034	122	354474	36.374	ng		99
33) 4-Chloroaniline	8.322	127	120878	6.800	ng	#	89
34) Hexachlorobutadiene	8.381	225	344590	39.468	ng		98
35) Caprolactam	8.698	113	99230	23.788	ng		95
36) 4-Chloro-3-methylphenol	8.810	107	547631	39.410	ng		95
37) 2-Methylnaphthalene	8.963	142	1070244	37.858	ng		100
38) 1-Methylnaphthalene	9.063	142	997978	37.774	ng		99
40) 1,2,4,5-Tetrachloroben...	9.134	216	574931	40.246	ng		99
41) Hexachlorocyclopentadiene	9.116	237	588712	75.980	ng		99

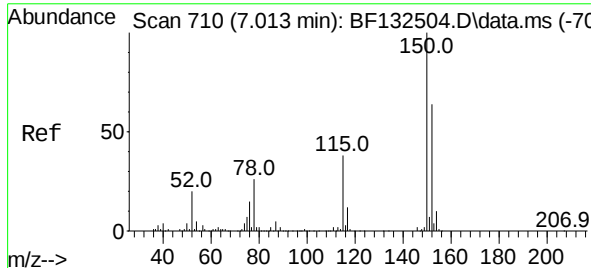
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.245	196	389497	40.233	ng	99
44) 2,4,5-Trichlorophenol	9.292	196	415147	36.741	ng	97
46) 1,1'-Biphenyl	9.428	154	1312217	39.707	ng	98
47) 2-Chloronaphthalene	9.457	162	1058430	40.396	ng	99
48) 2-Nitroaniline	9.557	65	348806	36.145	ng	86
49) Acenaphthylene	9.875	152	1621190	38.877	ng	100
50) Dimethylphthalate	9.728	163	1293415	40.684	ng	100
51) 2,6-Dinitrotoluene	9.798	165	299594	41.379	ng	# 84
52) Acenaphthene	10.045	154	944837	35.682	ng	99
53) 3-Nitroaniline	9.969	138	141489	17.470	ng	90
54) 2,4-Dinitrophenol	10.081	184	307486	67.685	ng	89
55) Dibenzofuran	10.222	168	1454616	37.682	ng	99
56) 4-Nitrophenol	10.139	139	393829	65.203	ng	91
57) 2,4-Dinitrotoluene	10.204	165	386955	40.173	ng	98
58) Fluorene	10.563	166	1161289	39.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	351025	41.821	ng	96
60) Diethylphthalate	10.428	149	1228449	39.564	ng	100
61) 4-Chlorophenyl-phenyle...	10.551	204	602276	39.319	ng	95
62) 4-Nitroaniline	10.592	138	296438	37.287	ng	90
63) Azobenzene	10.710	77	1243510	37.816	ng	98
65) 4,6-Dinitro-2-methylph...	10.616	198	224883	39.944	ng	95
66) n-Nitrosodiphenylamine	10.669	169	1025220	39.541	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	390361	41.495	ng	94
68) Hexachlorobenzene	11.116	284	428363	43.274	ng	99
69) Atrazine	11.198	200	328418	40.573	ng	99
70) Pentachlorophenol	11.310	266	409622	69.551	ng	99
71) Phenanthrene	11.533	178	1693220	39.300	ng	99
72) Anthracene	11.586	178	1727840	38.944	ng	99
73) Carbazole	11.739	167	1558337	38.957	ng	99
74) Di-n-butylphthalate	12.057	149	1868023	39.811	ng	99
75) Fluoranthene	12.727	202	1749368	37.141	ng	98
77) Benzidine	12.845	184	130469	13.032	ng	99
78) Pyrene	12.957	202	1769761	47.331	ng	100
80) Butylbenzylphthalate	13.563	149	662104	44.872	ng	99
81) Benzo(a)anthracene	14.151	228	1275008	41.434	ng	97
82) 3,3'-Dichlorobenzidine	14.104	252	236071	26.021	ng	99
83) Chrysene	14.186	228	1175999	40.868	ng	99
84) Bis(2-ethylhexyl)phtha...	14.116	149	829360	45.755	ng	100
85) Di-n-octyl phthalate	14.739	149	1232097	46.515	ng	97
87) Indeno(1,2,3-cd)pyrene	17.274	276	1417869	46.110	ng	99
88) Benzo(b)fluoranthene	15.233	252	1272820	40.472	ng	98
89) Benzo(k)fluoranthene	15.268	252	1192126	38.732	ng	99
90) Benzo(a)pyrene	15.627	252	1146691	38.958	ng	99
91) Dibenzo(a,h)anthracene	17.286	278	1151976	45.980	ng	98
92) Benzo(g,h,i)perylene	17.757	276	1145984	40.728	ng	99

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



1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.969 min Scan#

Delta R.T. -0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

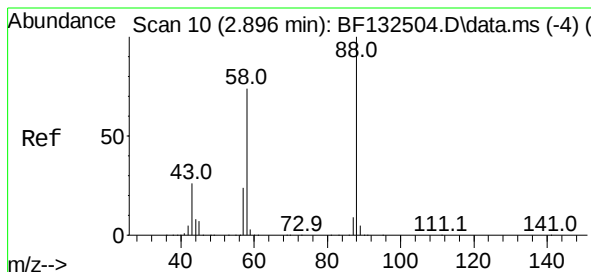
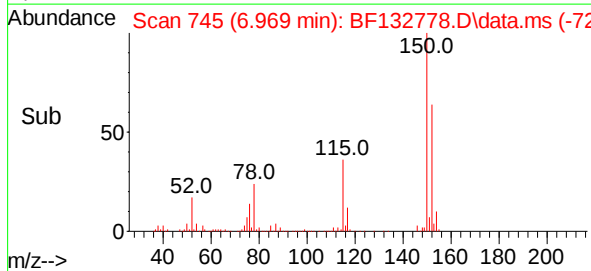
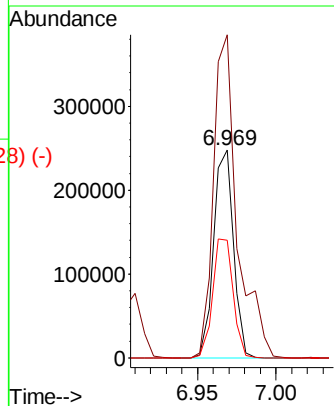
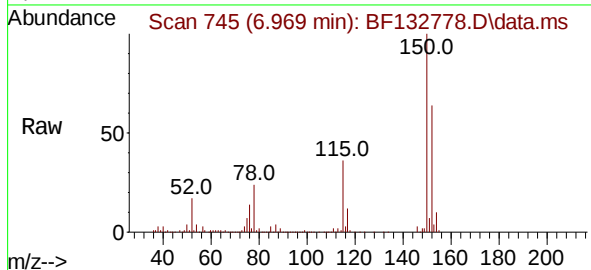
Tgt Ion:152 Resp: 219118

Ion Ratio Lower Upper

152 100

150 155.4 125.4 188.2

115 56.5 47.8 71.6



1,4-Dioxane

Concen: 33.424 ng

RT: 3.010 min Scan# 72

Delta R.T. 0.200 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

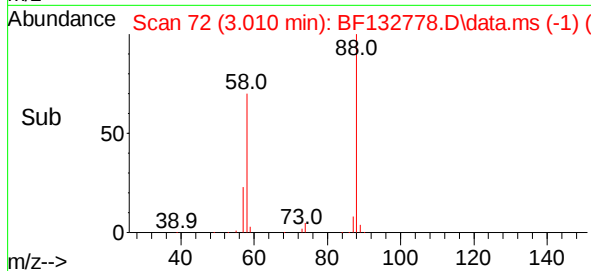
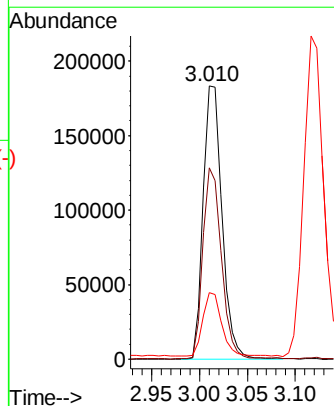
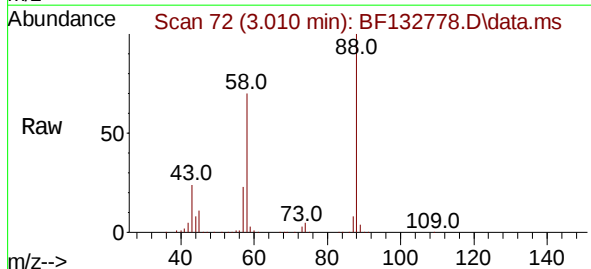
Tgt Ion: 88 Resp: 249616

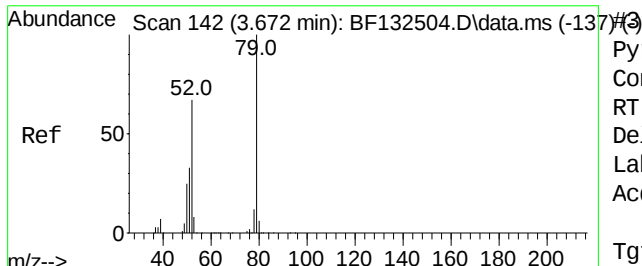
Ion Ratio Lower Upper

88 100

58 68.3 58.3 87.5

43 0.0 20.7 31.1#





Pyridine

Concen: 25.694 ng

RT: 3.734 min Scan# 1

Delta R.T. 0.141 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

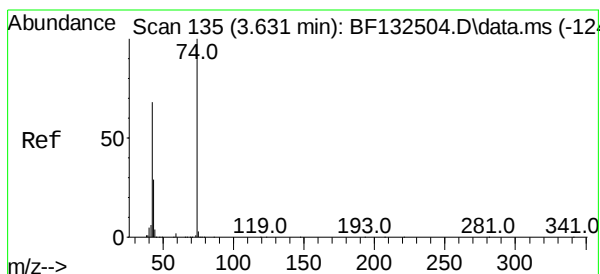
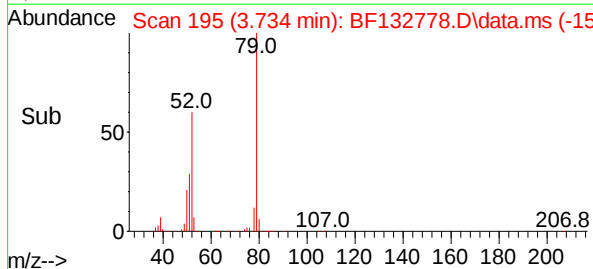
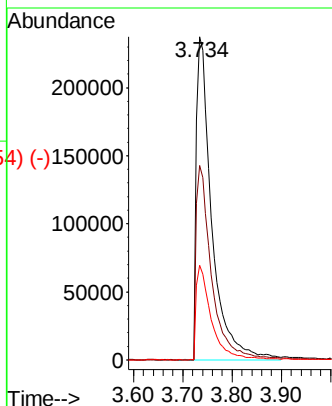
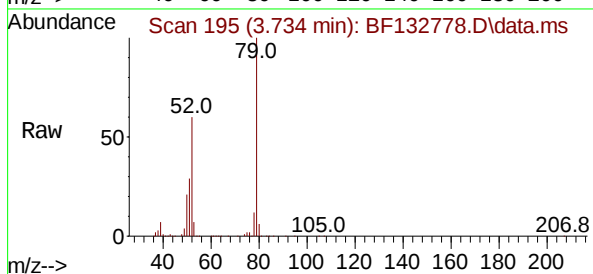
Tgt Ion: 79 Resp: 509358

Ion Ratio Lower Upper

79 100

52 60.3 53.7 80.5

51 29.3 26.6 40.0



n-Nitrosodimethylamine

Concen: 34.486 ng

RT: 3.663 min Scan# 183

Delta R.T. 0.106 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

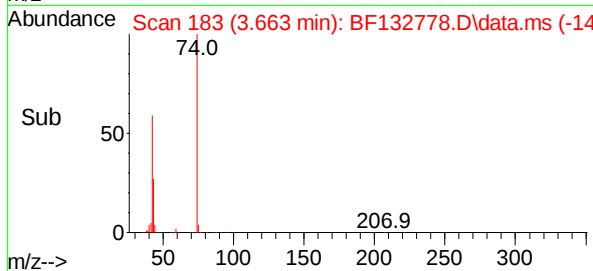
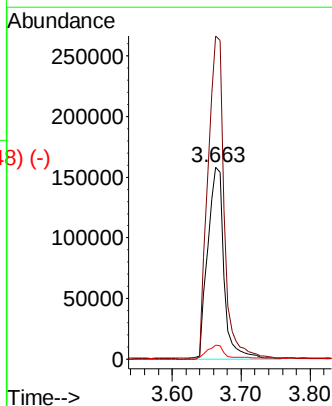
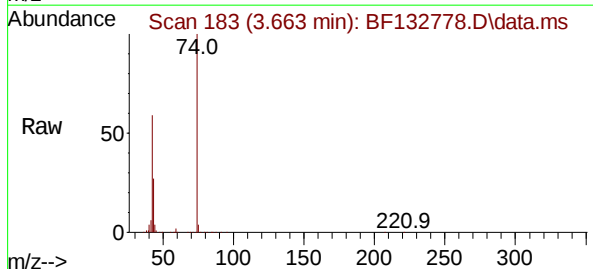
Tgt Ion: 42 Resp: 258226

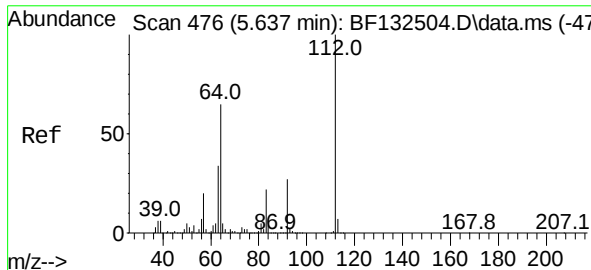
Ion Ratio Lower Upper

42 100

74 168.3 118.2 177.2

44 7.4 5.3 7.9





2-Fluorophenol

Concen: 97.199 ng

RT: 5.616 min Scan# 476

Delta R.T. 0.024 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

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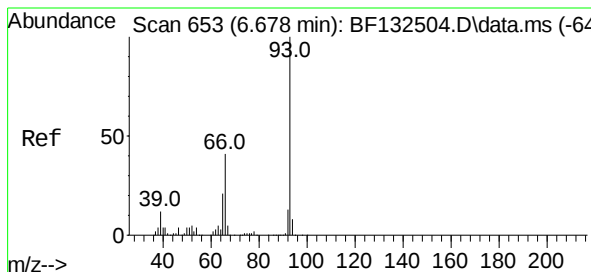
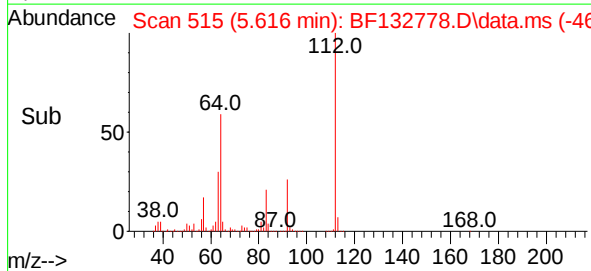
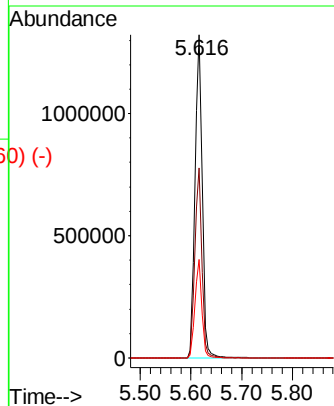
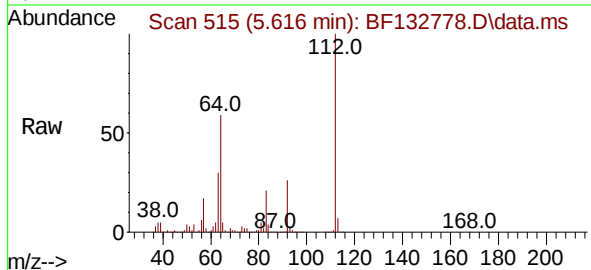
Tgt Ion:112 Resp: 1312289

Ion Ratio Lower Upper

112 100

64 58.7 51.6 77.4

63 30.5 27.4 41.2



Aniline

Concen: 12.635 ng

RT: 6.634 min Scan# 688

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

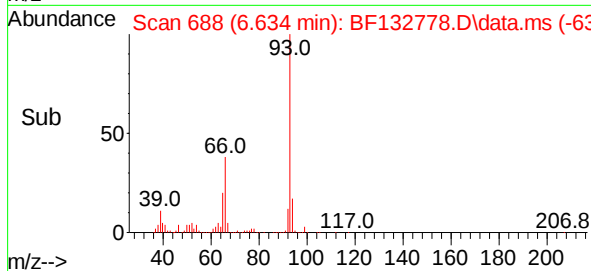
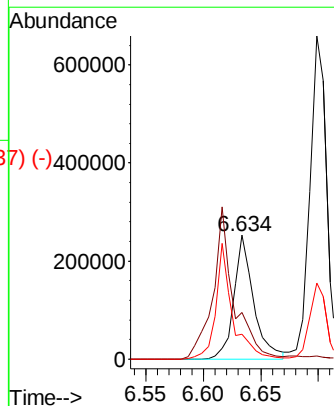
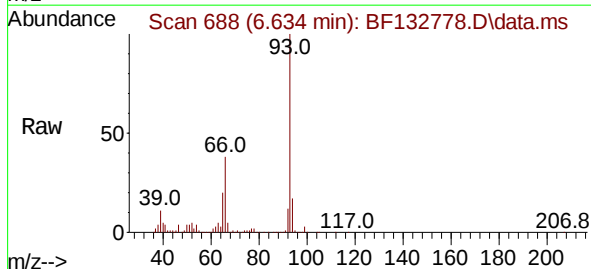
Tgt Ion: 93 Resp: 299607

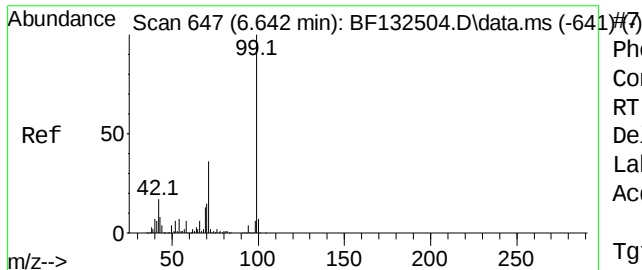
Ion Ratio Lower Upper

93 100

66 37.8 32.5 48.7

65 20.2 16.6 24.8





Phenol-d6

Concen: 92.103 ng

RT: 6.604 min Scan#

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

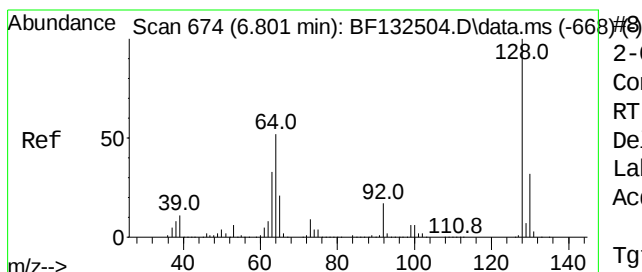
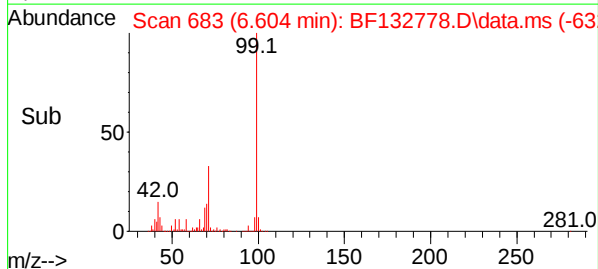
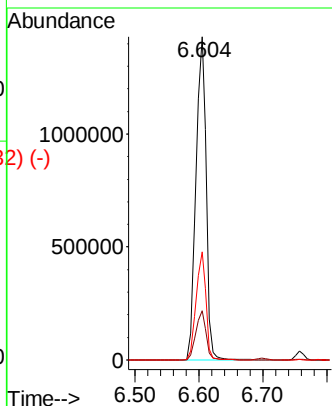
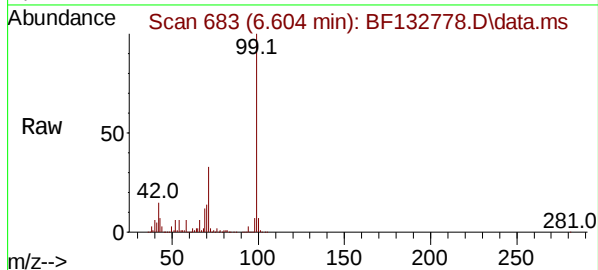
Tgt Ion: 99 Resp: 1622860

Ion Ratio Lower Upper

99 100

42 15.2 13.9 20.9

71 33.5 28.5 42.7



2-Chlorophenol

Concen: 42.791 ng

RT: 6.757 min Scan# 709

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

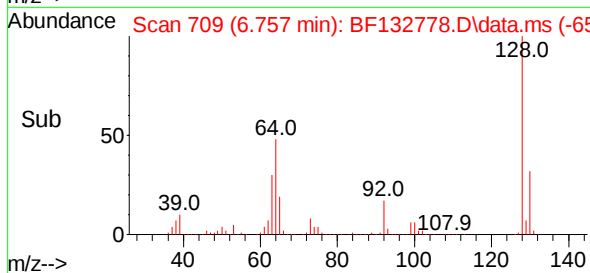
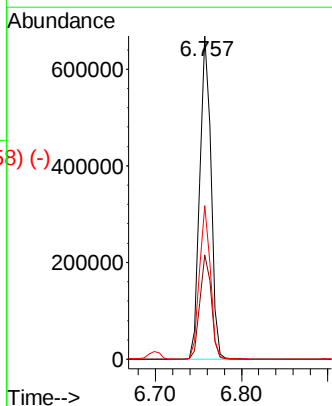
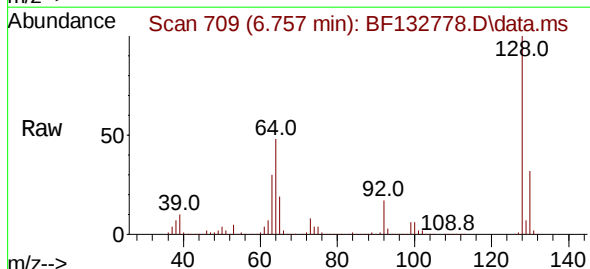
Tgt Ion: 128 Resp: 599600

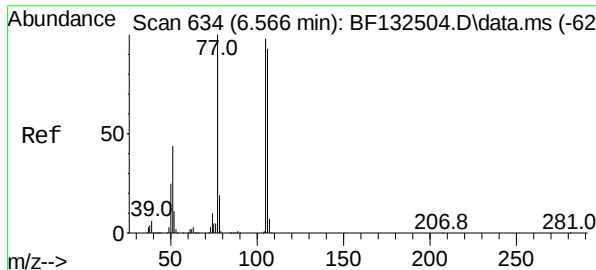
Ion Ratio Lower Upper

128 100

130 32.3 12.1 52.1

64 47.5 32.0 72.0





Benzaldehyde

Concen: 14.626 ng

RT: 6.522 min Scan#

Delta R.T. 0.000 min

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Acq: 14 Mar 2023 15:08

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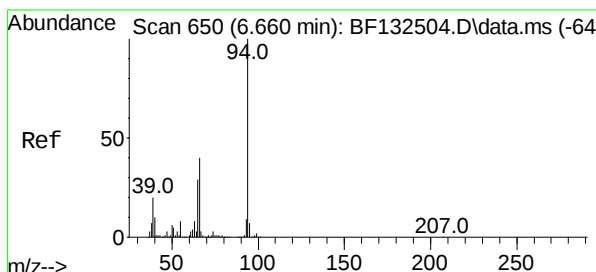
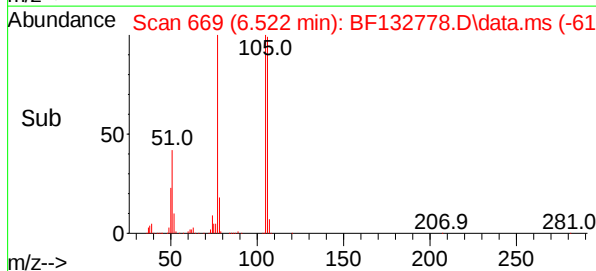
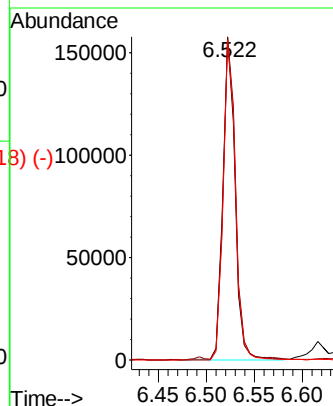
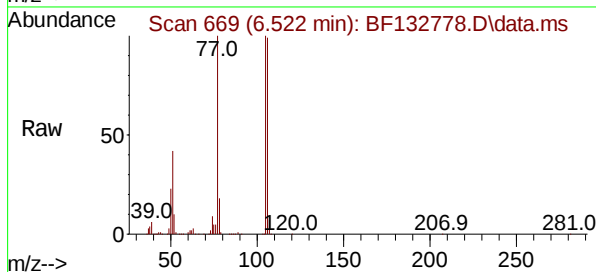
Tgt Ion: 77 Resp: 139056

Ion Ratio Lower Upper

77 100

105 100.2 77.9 117.9

106 99.2 73.4 113.4



Phenol

Concen: 33.716 ng

RT: 6.616 min Scan# 685

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

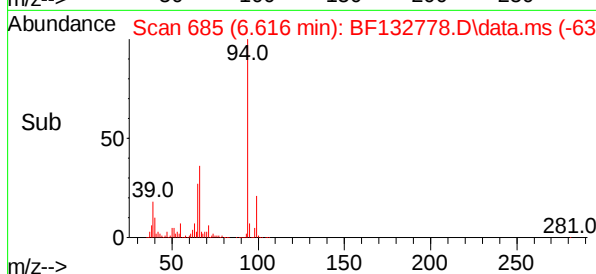
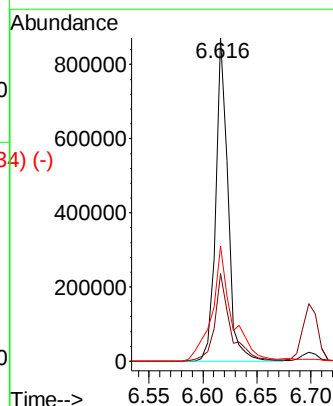
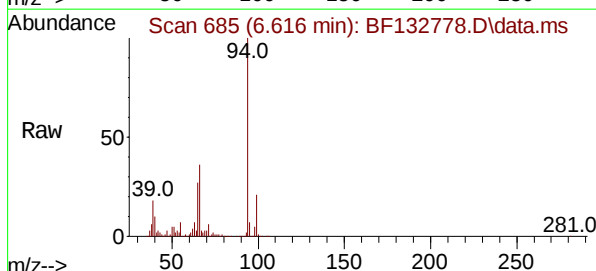
Tgt Ion: 94 Resp: 681095

Ion Ratio Lower Upper

94 100

65 27.1 9.4 49.4

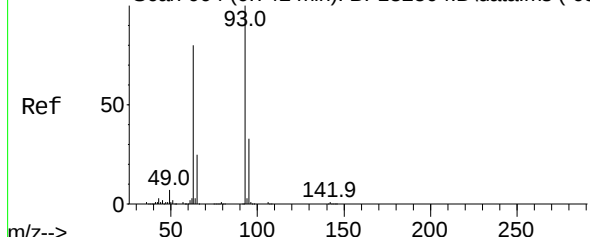
66 35.7 19.8 59.8



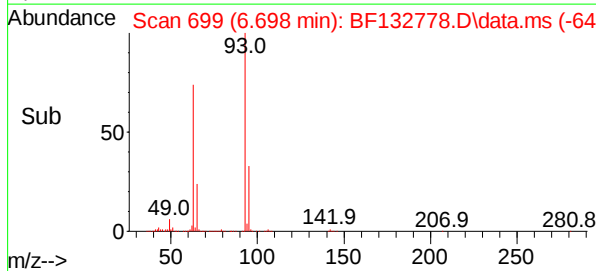
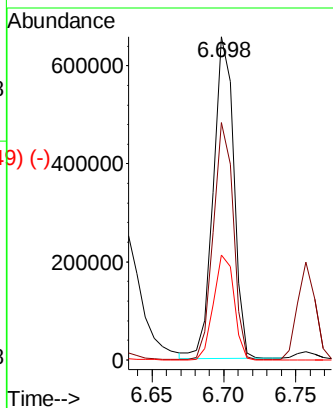
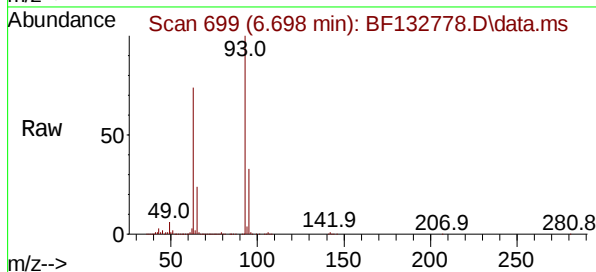
Abundance Scan 664 (6.742 min): BF132504.D\data.ms (-659) #1

bis(2-Chloroethyl)ether
Concen: 41.549 ng
RT: 6.698 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



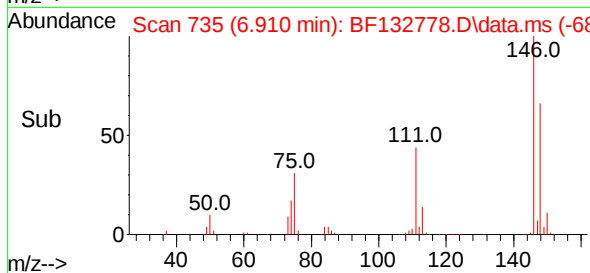
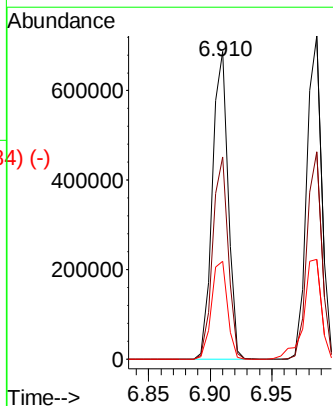
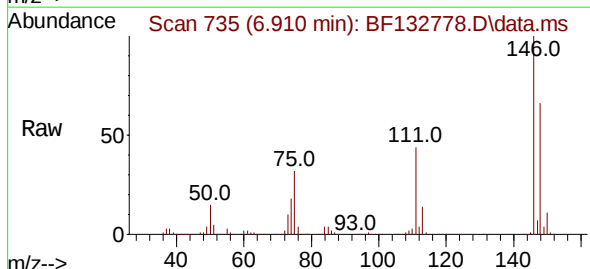
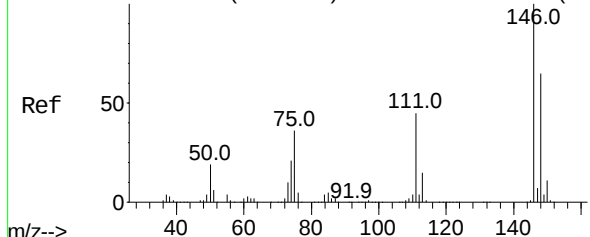
Tgt Ion:	93	Resp:	647951
Ion	Ratio	Lower	Upper
93	100		
63	73.5	59.6	99.6
95	32.5	12.8	52.8



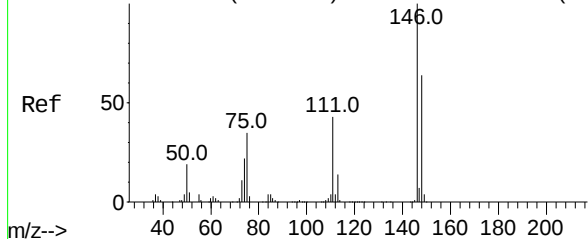
Abundance Scan 700 (6.954 min): BF132504.D\data.ms (-694) #2

1,3-Dichlorobenzene
Concen: 40.445 ng
RT: 6.910 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	146	Resp:	608171
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
75	31.8	28.9	43.3



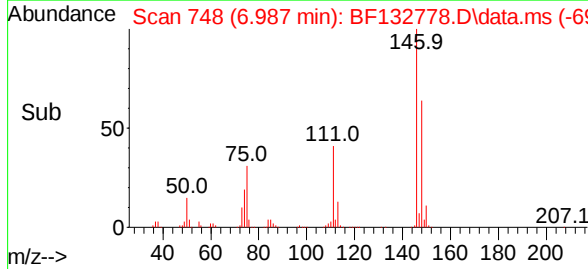
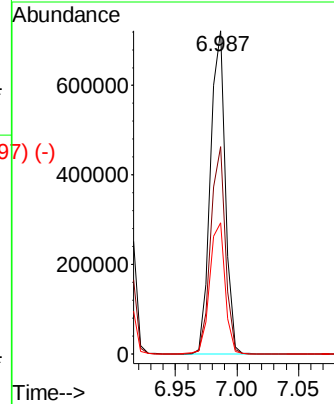
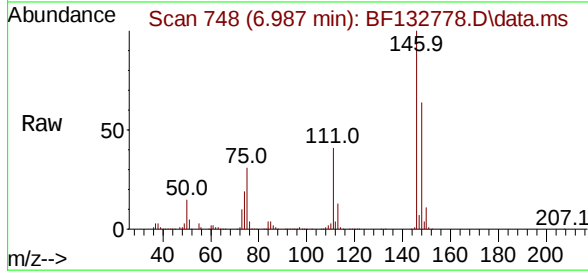
Abundance Scan 713 (7.031 min): BF132504.D\data.ms (-708) #13



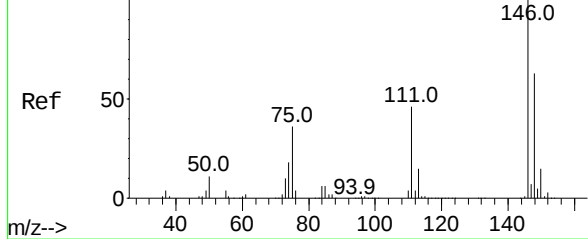
1,4-Dichlorobenzene
Concen: 40.578 ng
RT: 6.987 min Scan#
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:	146	Resp:	609271
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	40.7	34.8	52.2

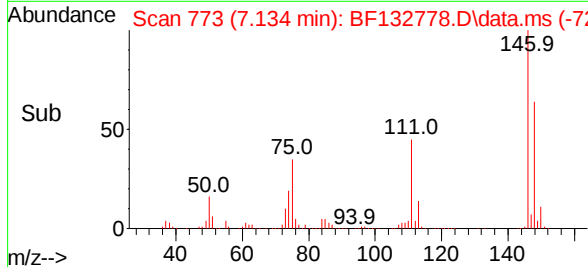
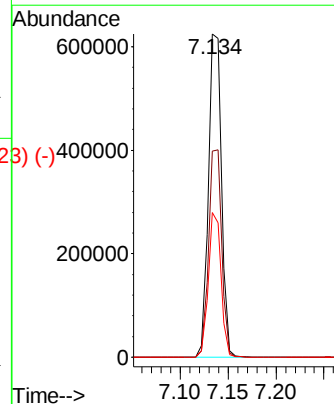
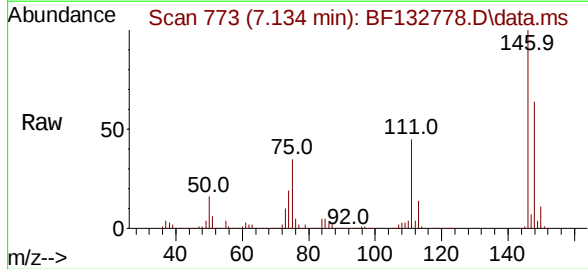


Abundance Scan 739 (7.184 min): BF132504.D\data.ms (-733) #14

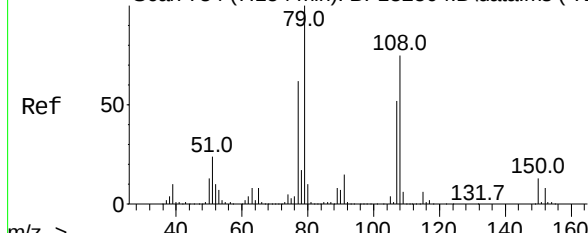


1,2-Dichlorobenzene
Concen: 41.370 ng
RT: 7.134 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	146	Resp:	596135
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	44.8	37.2	55.8



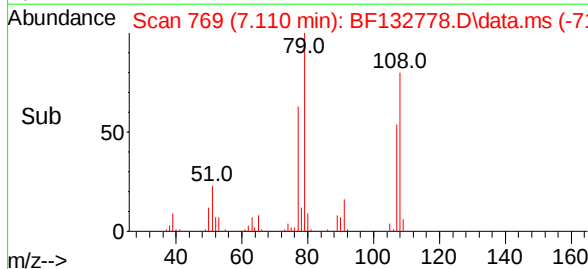
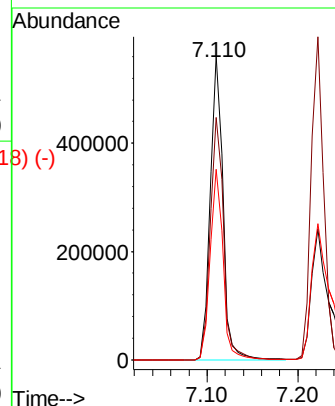
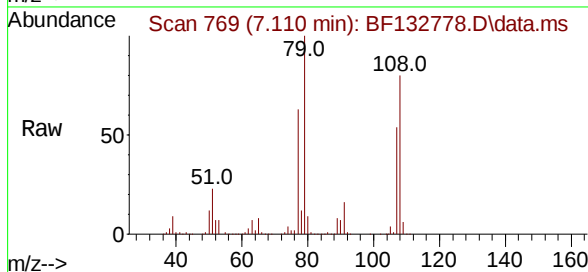
Abundance Scan 734 (7.154 min): BF132504.D\data.ms (-728) #15



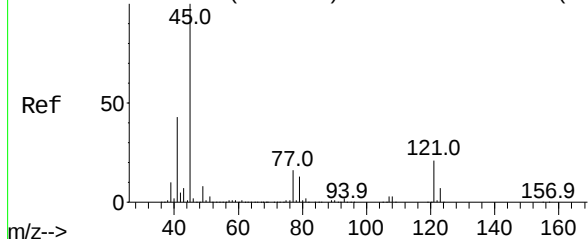
Benzyl Alcohol
Concen: 40.222 ng
RT: 7.110 min Scan#
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:	79	Resp:	545808
Ion	Ratio	Lower	Upper
79	100		
108	79.7	60.2	90.4
77	62.9	49.9	74.9

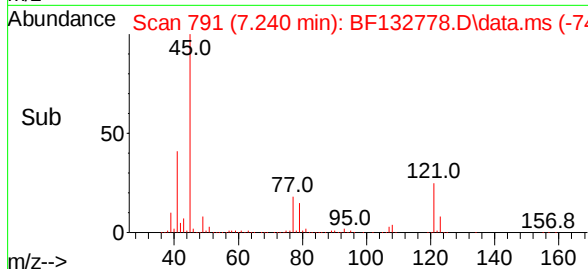
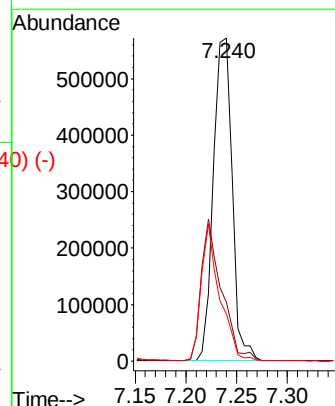
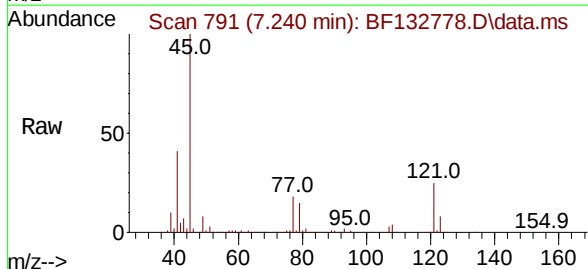


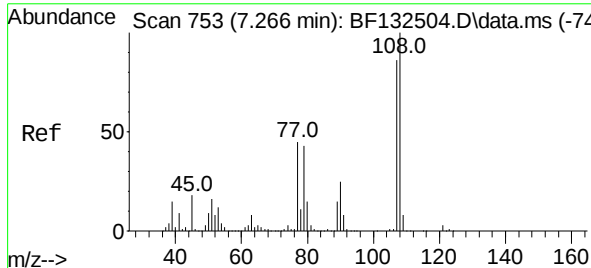
Abundance Scan 756 (7.284 min): BF132504.D\data.ms (-749) #16



2,2'-oxybis(1-Chloropropane)
Concen: 37.240 ng
RT: 7.240 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	45	Resp:	740582
Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	36.4
79	14.7	0.0	33.4

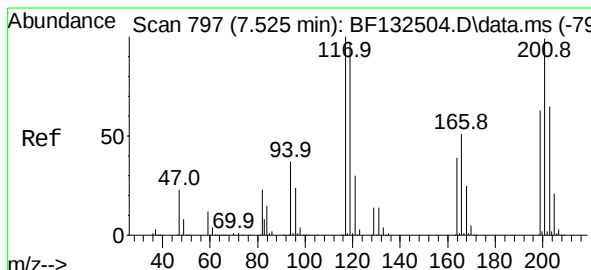
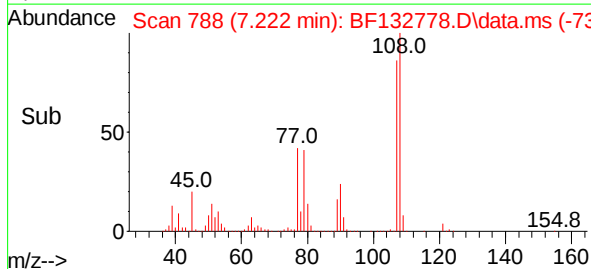
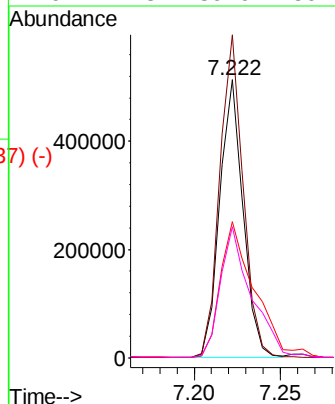
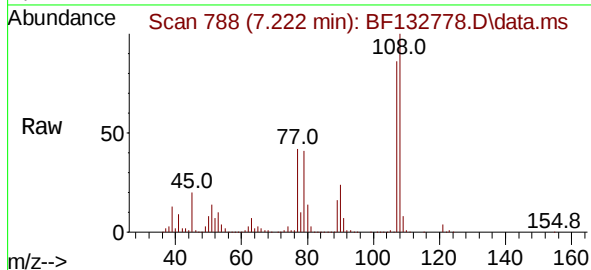




2-Methylphenol
Concen: 37.238 ng
RT: 7.222 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

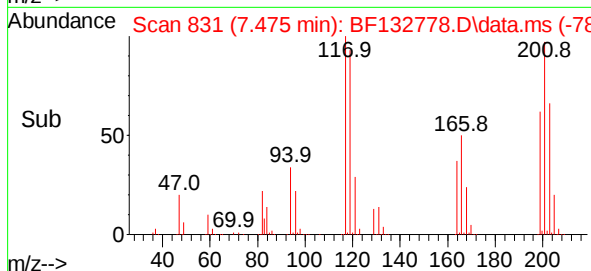
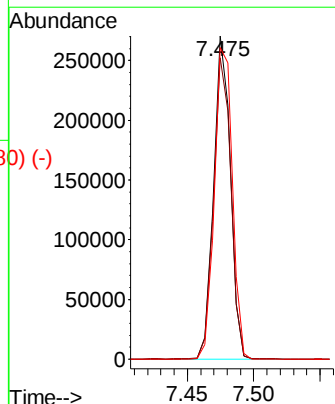
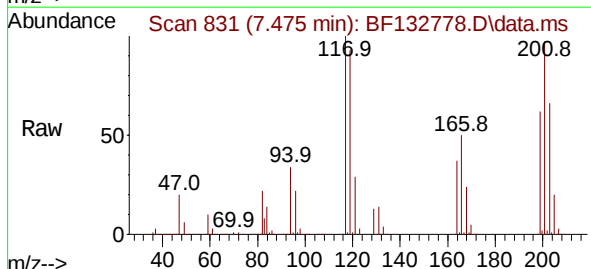
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

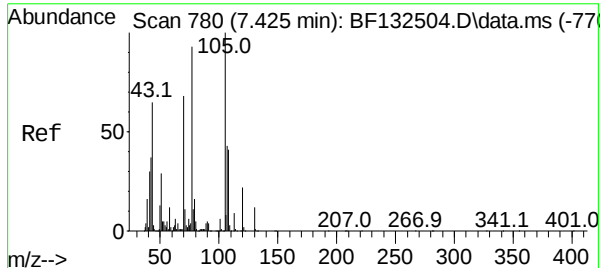
Tgt Ion:	107	Resp:	486983
Ion	Ratio	Lower	Upper
107	100		
108	116.2	93.0	139.4
77	49.0	42.1	63.1
79	47.3	39.6	59.4



Hexachloroethane
Concen: 40.494 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	117	Resp:	237536
Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.0	117.0
201	96.5	79.0	118.4

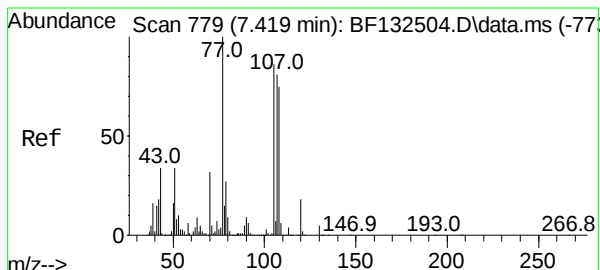
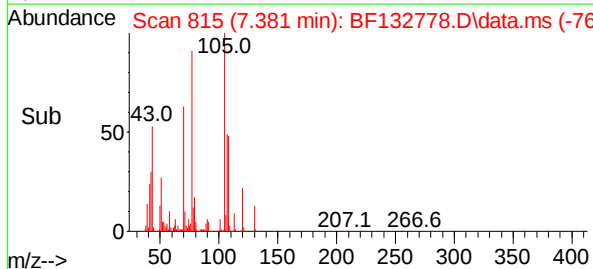
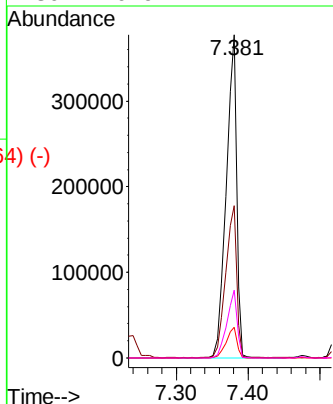
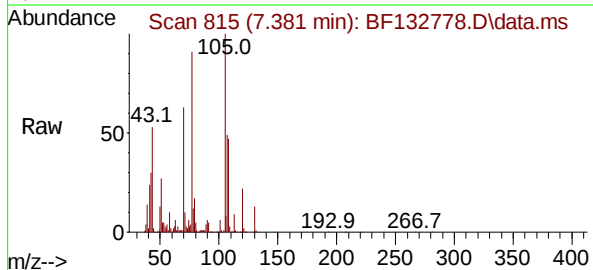




n-Nitroso-di-n-propylamine
 Concen: 35.185 ng
 RT: 7.381 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

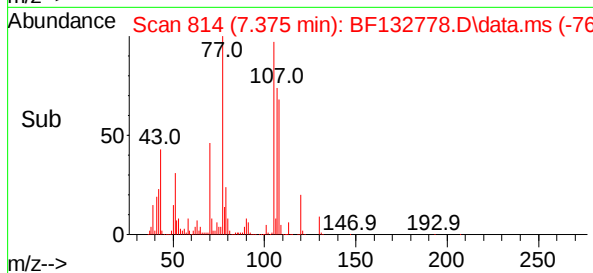
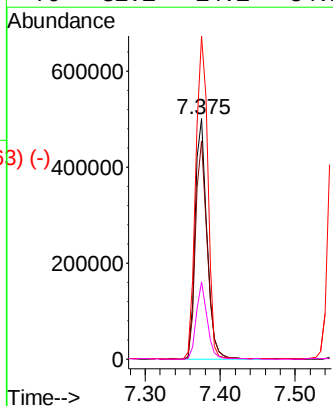
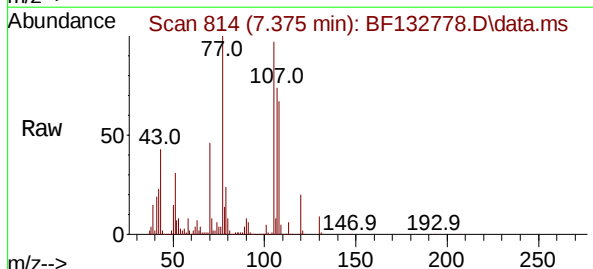
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

Tgt Ion:	70	Resp:	381544
Ion	Ratio	Lower	Upper
70	100		
42	47.1	44.1	66.1
101	9.5	7.4	11.2
130	20.9	14.2	21.4

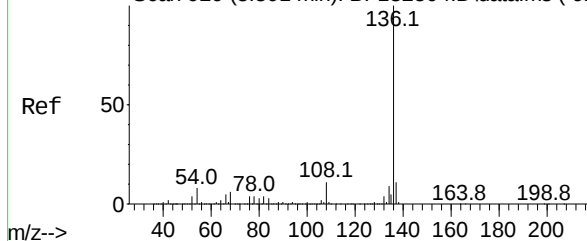


3+4-Methylphenols
 Concen: 32.052 ng
 RT: 7.375 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Tgt Ion:	107	Resp:	541525
Ion	Ratio	Lower	Upper
107	100		
108	90.7	72.6	112.6
77	134.3	104.0	144.0
79	32.1	14.1	54.1



Abundance Scan 929 (8.301 min): BF132504.D\data.ms (-922) #21



Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion:136 Resp: 810318

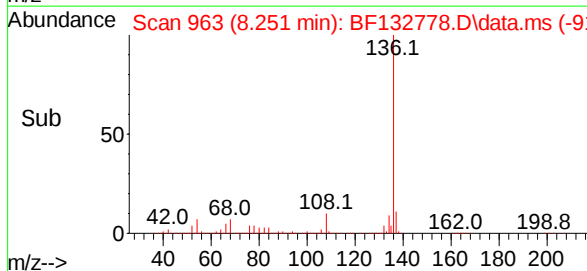
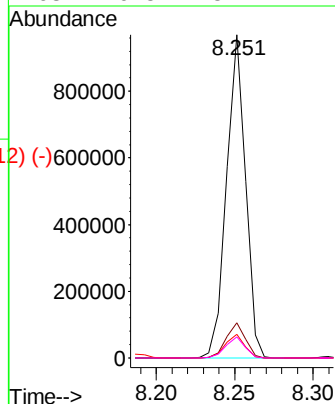
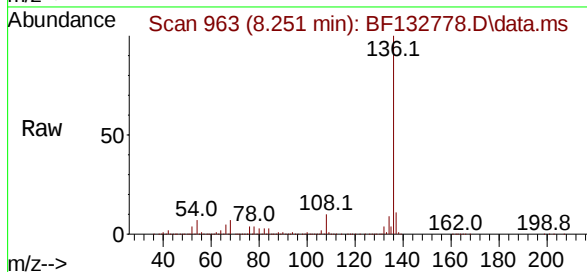
Ion Ratio Lower Upper

136 100

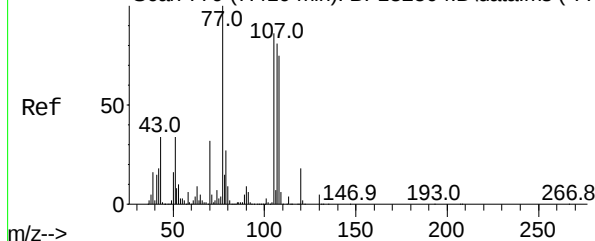
137 10.9 8.9 13.3

54 7.3 6.2 9.4

68 6.5 5.2 7.8



Abundance Scan 779 (7.419 min): BF132504.D\data.ms (-772) #22



Acetophenone

Concen: 36.964 ng

RT: 7.375 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Tgt Ion:105 Resp: 755275

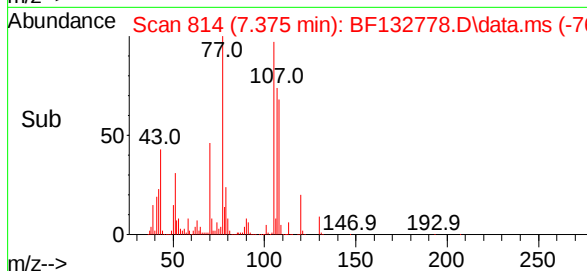
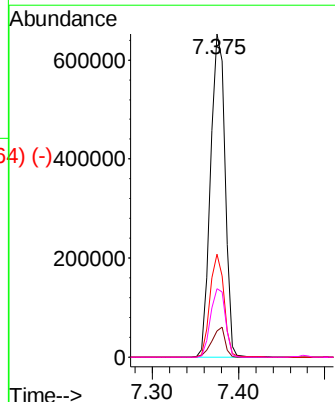
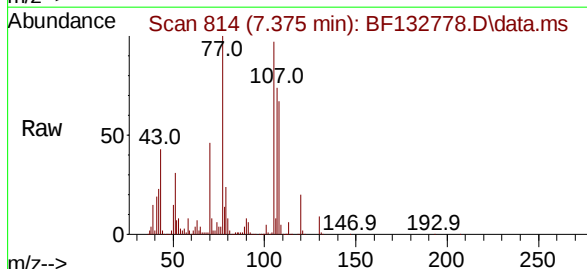
Ion Ratio Lower Upper

105 100

71 8.1 5.0 7.4#

51 32.0 31.5 47.3

120 21.1 17.0 25.4



Abundance Scan 806 (7.578 min): BF132504.D\data.ms (-800) #23

Nitrobenzene-d5

Concen: 68.039 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion: 82 Resp: 1162054

Ion Ratio Lower Upper

82 100

128 42.8 32.2 48.2

54 44.5 38.4 57.6

Abundance Scan 841 (7.534 min): BF132778.D\data.ms

Ref

50

40.0 54.0 68.0 82.0 98.0 112.0 128.0

m/z-->

Abundance Scan 841 (7.534 min): BF132778.D\data.ms (-791) (-)

Raw

50

40.0 54.0 68.0 82.0 98.0 112.0 128.0

m/z-->

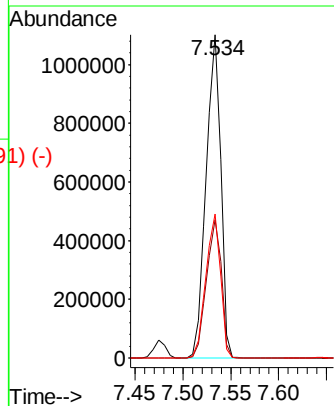
Abundance Scan 841 (7.534 min): BF132778.D\data.ms (-791) (-)

Sub

50

40.0 54.0 68.0 82.0 98.0 112.0 128.0

m/z-->



Abundance Scan 810 (7.601 min): BF132504.D\data.ms (-801) #24

Nitrobenzene

Concen: 36.993 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Tgt Ion: 77 Resp: 675720

Ion Ratio Lower Upper

77 100

123 44.7 35.8 53.6

65 12.7 10.9 16.3

Abundance Scan 844 (7.551 min): BF132778.D\data.ms

Ref

50

51.0 77.0 123.0 206.9

m/z-->

Abundance Scan 844 (7.551 min): BF132778.D\data.ms (-794) (-)

Raw

50

51.0 77.0 123.0 206.9

m/z-->

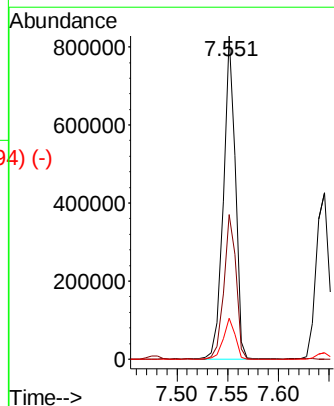
Abundance Scan 844 (7.551 min): BF132778.D\data.ms (-794) (-)

Sub

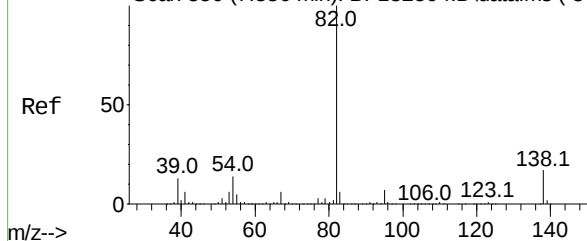
50

51.0 77.0 123.0 206.9

m/z-->



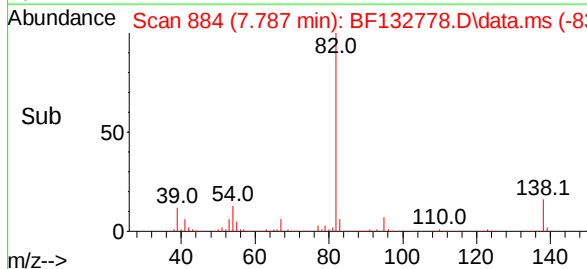
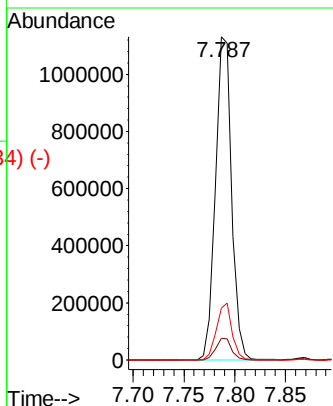
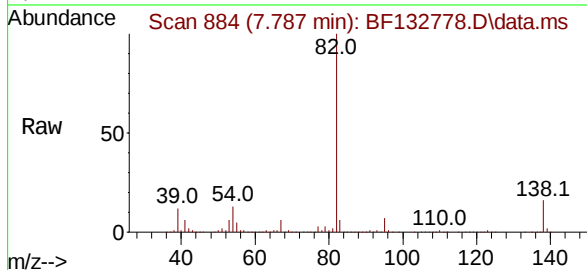
Abundance Scan 850 (7.836 min): BF132504.D\data.ms (-843) #25



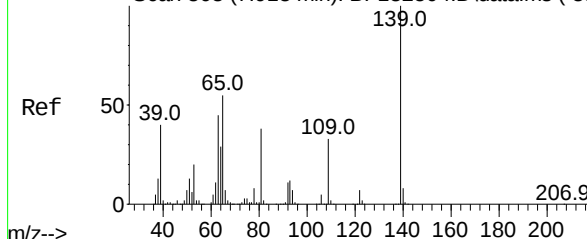
Isophorone
Concen: 38.241 ng
RT: 7.787 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion: 82 Resp: 1252217
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 16.0 13.3 19.9

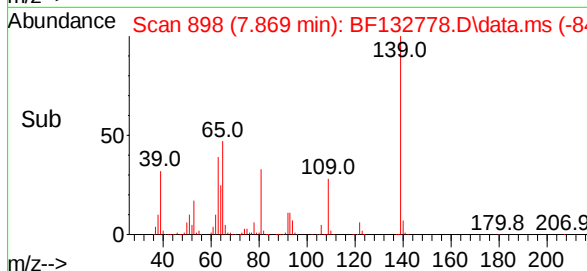
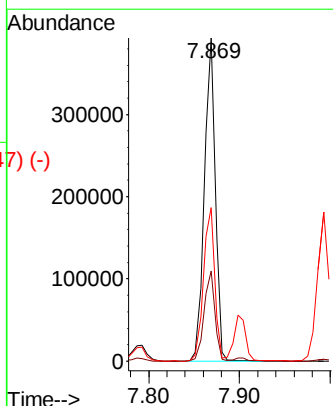
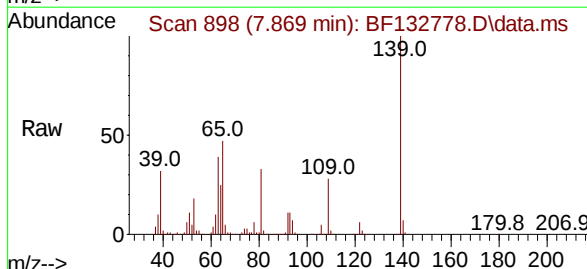


Abundance Scan 863 (7.913 min): BF132504.D\data.ms (-857) #26

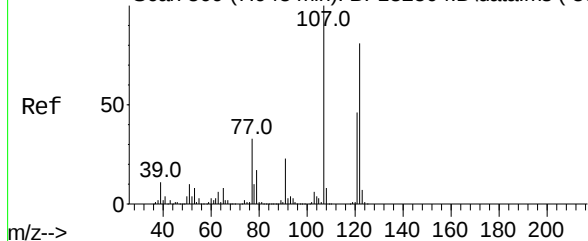


2-Nitrophenol
Concen: 40.976 ng
RT: 7.869 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:139 Resp: 330242
Ion Ratio Lower Upper
139 100
109 27.9 26.2 39.2
65 47.5 43.8 65.8



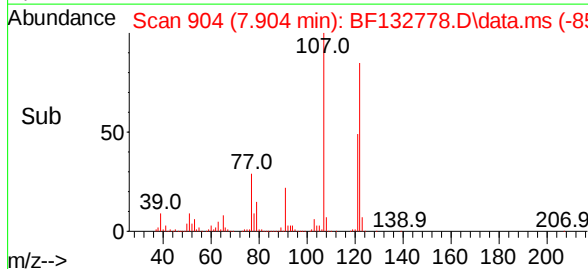
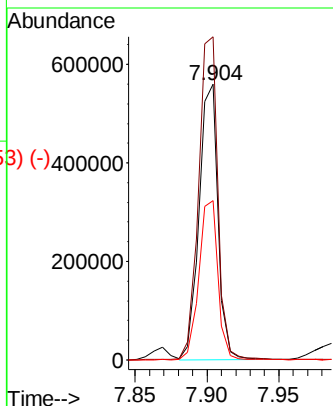
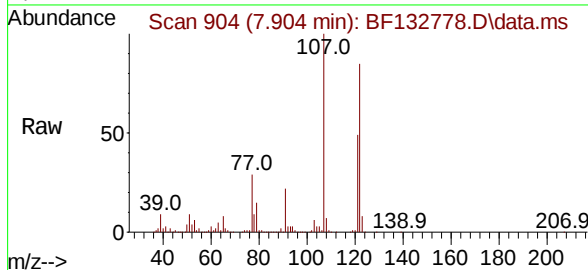
Abundance Scan 869 (7.948 min): BF132504.D\data.ms (-865) #27



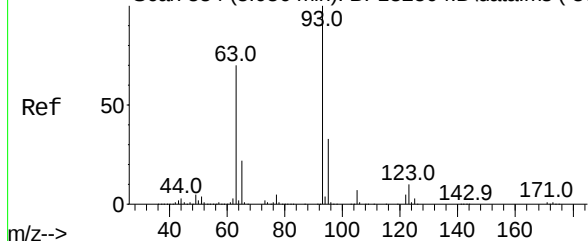
2,4-Dimethylphenol
Concen: 40.542 ng
RT: 7.904 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:	122	Resp:	515696
Ion	Ratio	Lower	Upper
122	100		
107	117.2	98.7	148.1
121	57.8	45.8	68.6

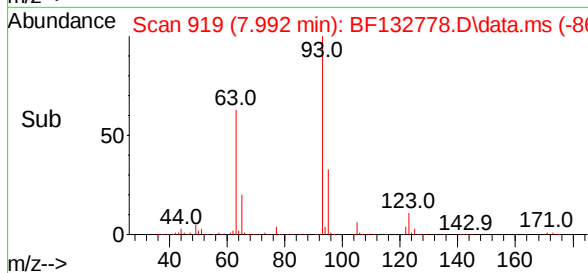
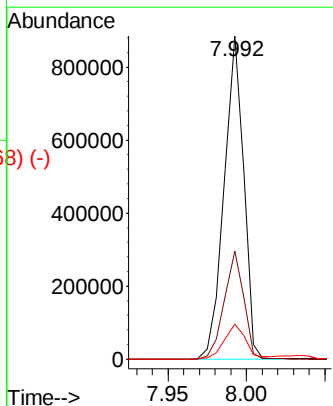
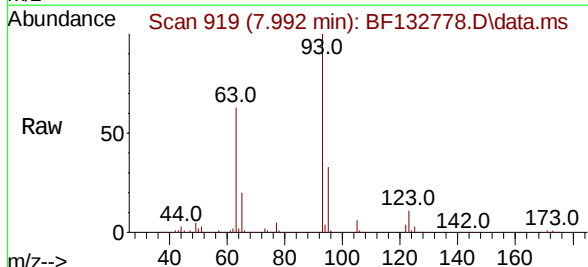


Abundance Scan 884 (8.036 min): BF132504.D\data.ms (-877) #28

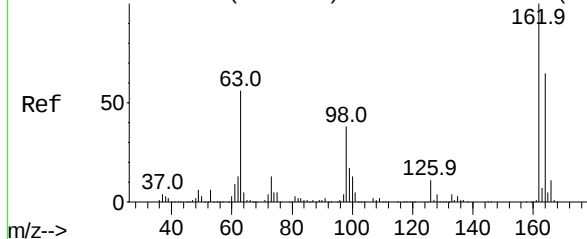


bis(2-Chloroethoxy)methane
Concen: 39.916 ng
RT: 7.992 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	93	Resp:	764603
Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	10.8	8.3	12.5



Abundance Scan 905 (8.160 min): BF132504.D\data.ms (-899) #29



2,4-Dichlorophenol

Concen: 40.746 ng

RT: 8.110 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

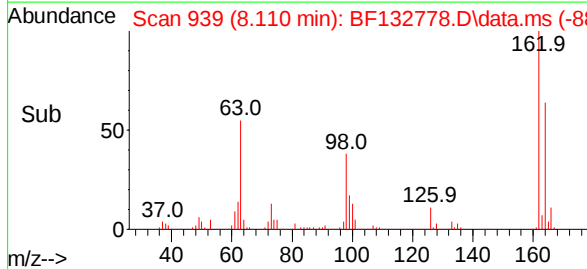
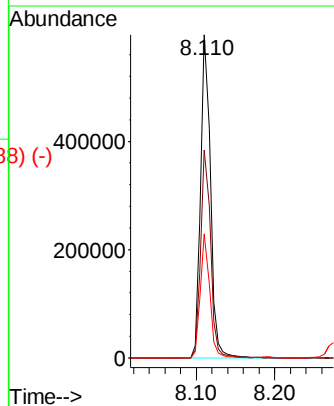
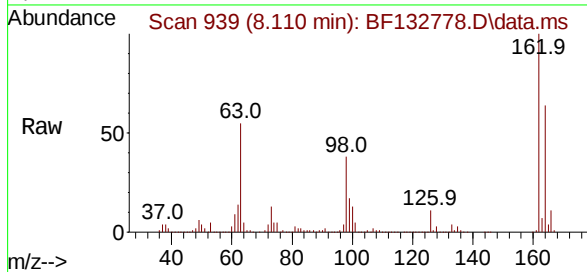
Tgt Ion:162 Resp: 515562

Ion Ratio Lower Upper

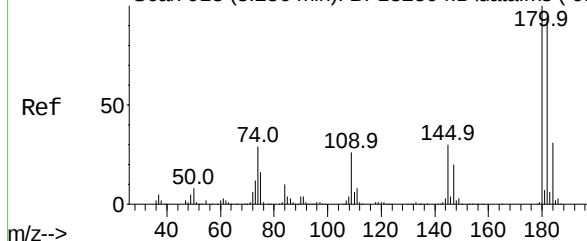
162 100

164 64.3 45.3 85.3

98 38.4 17.9 57.9



Abundance Scan 918 (8.236 min): BF132504.D\data.ms (-912) #30



1,2,4-Trichlorobenzene

Concen: 40.224 ng

RT: 8.192 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

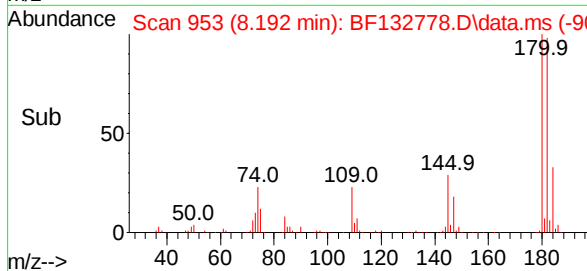
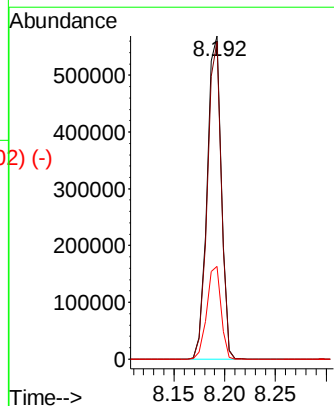
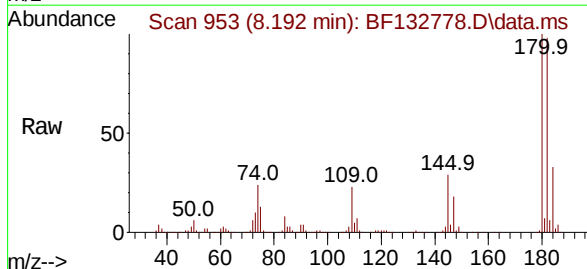
Tgt Ion:180 Resp: 552654

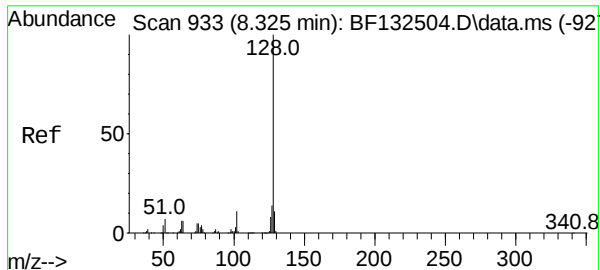
Ion Ratio Lower Upper

180 100

182 98.2 75.1 112.7

145 28.6 23.8 35.6





Naphthalene

Concen: 38.687 ng

RT: 8.275 min Scan# 931

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

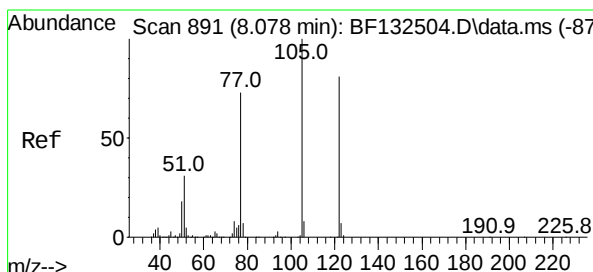
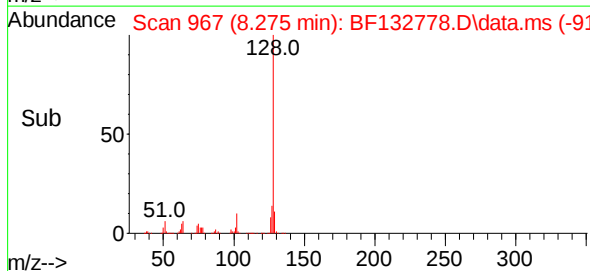
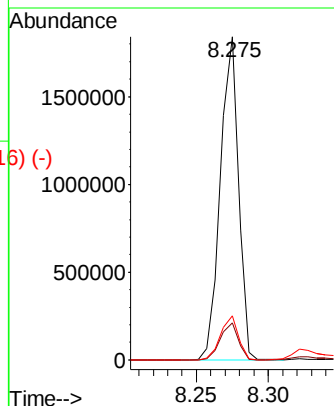
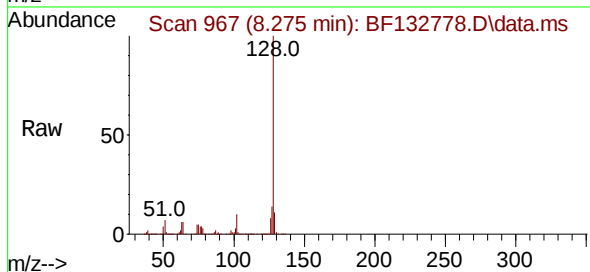
Tgt Ion:128 Resp: 1604864

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.7 11.0 16.6



Benzoic acid

Concen: 36.374 ng

RT: 8.034 min Scan# 926

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

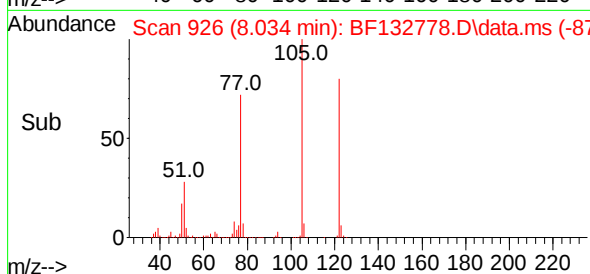
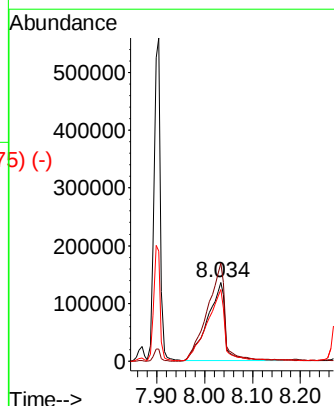
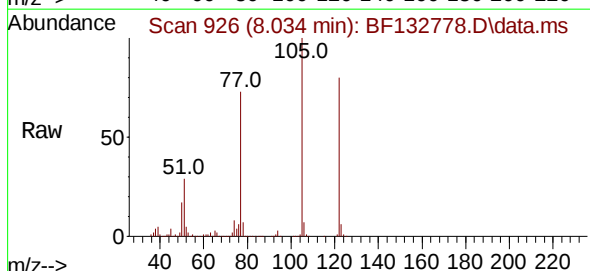
Tgt Ion:122 Resp: 354474

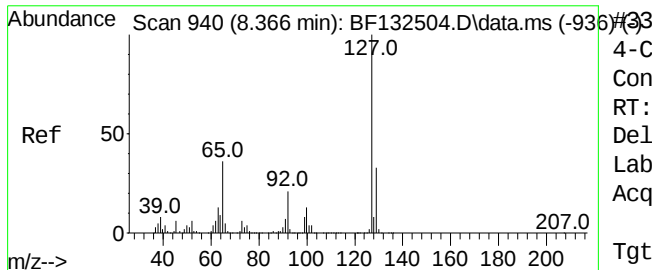
Ion Ratio Lower Upper

122 100

105 124.4 102.6 142.6

77 91.1 70.2 110.2





4-Chloroaniline

Concen: 6.800 ng

RT: 8.322 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion:127 Resp: 120878

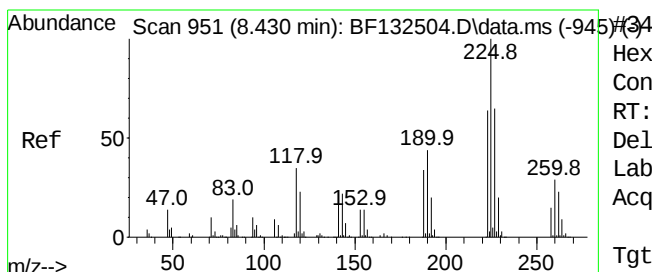
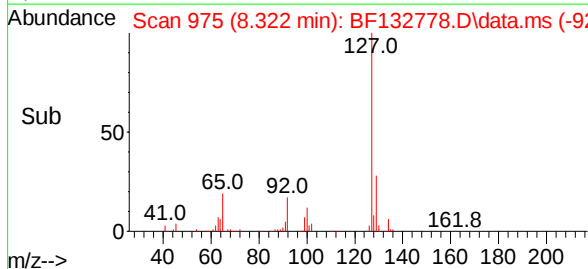
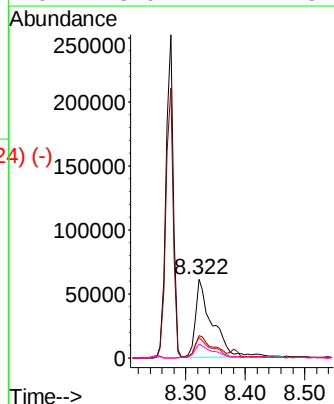
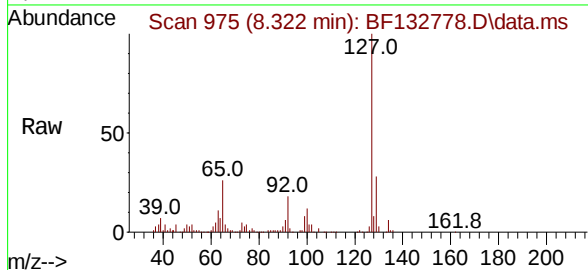
Ion Ratio Lower Upper

127 100

129 28.3 26.4 39.6

65 26.0 28.8 43.2#

92 18.0 17.1 25.7



Hexachlorobutadiene

Concen: 39.468 ng

RT: 8.381 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

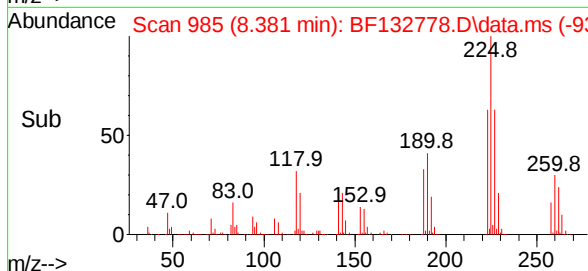
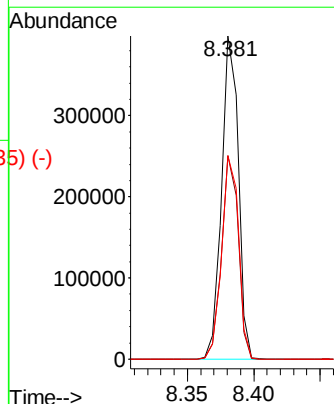
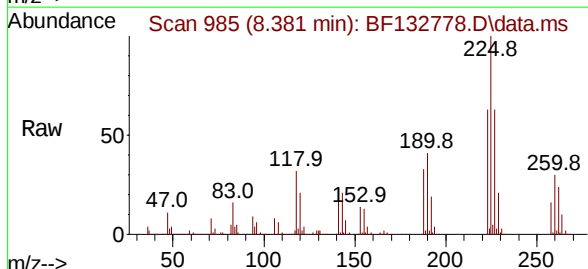
Tgt Ion:225 Resp: 344590

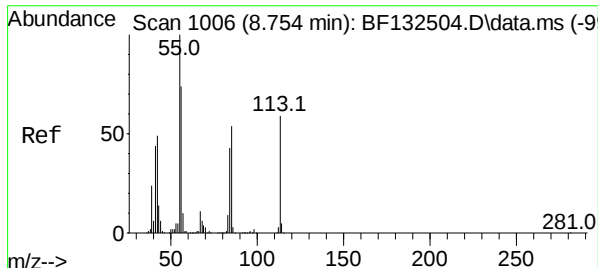
Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.4

227 63.0 51.7 77.5

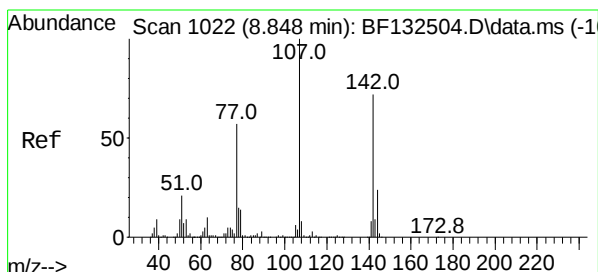
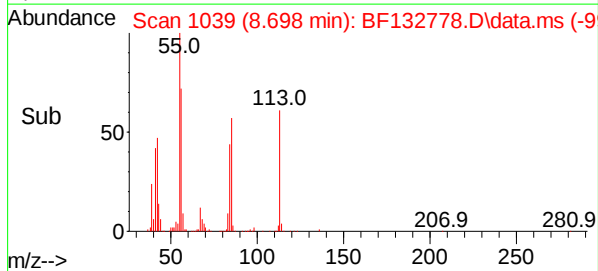
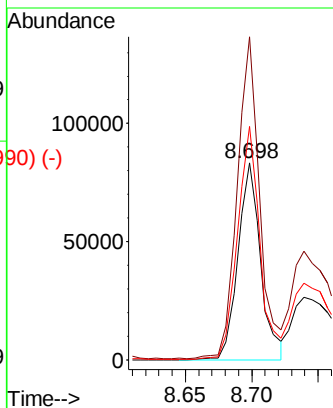
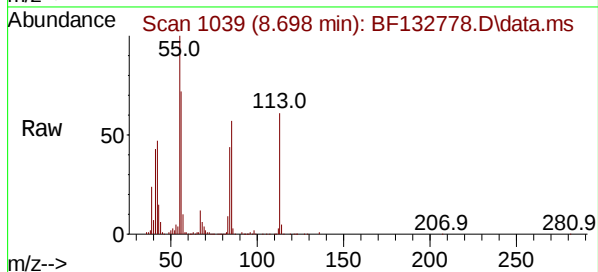




Caprolactam
Concen: 23.788 ng
RT: 8.698 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

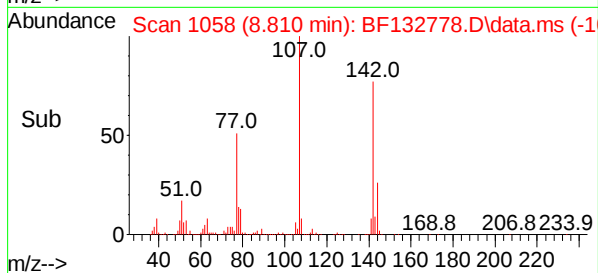
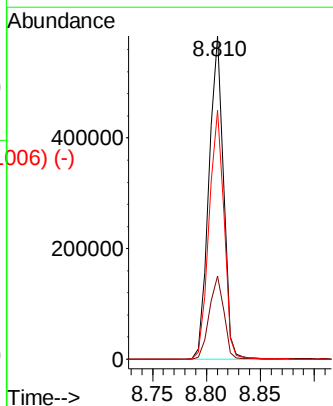
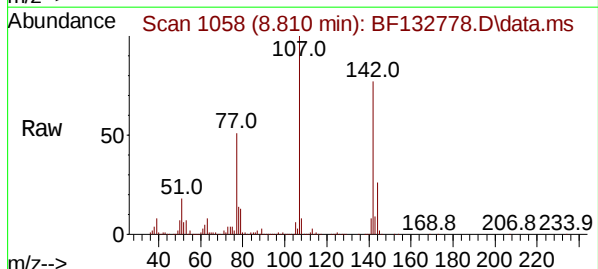
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:113 Resp: 99230
Ion Ratio Lower Upper
113 100
55 164.1 149.4 189.4
56 118.7 105.0 145.0

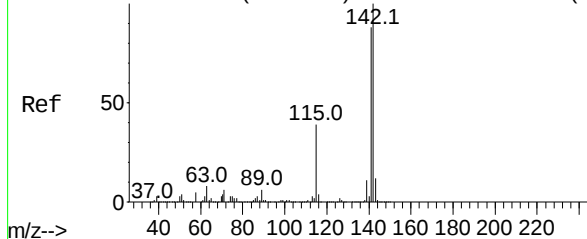


4-Chloro-3-methylphenol
Concen: 39.410 ng
RT: 8.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:107 Resp: 547631
Ion Ratio Lower Upper
107 100
144 25.7 18.9 28.3
142 77.0 57.9 86.9



Abundance Scan 1050 (9.013 min): BF132504.D\data.ms (-1043)



2-Methylnaphthalene

Concen: 37.858 ng

RT: 8.963 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

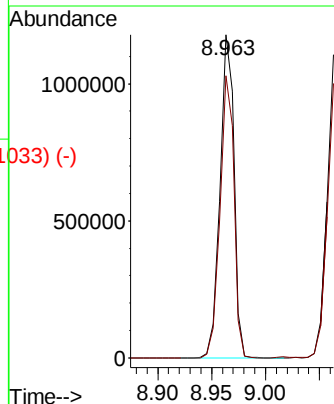
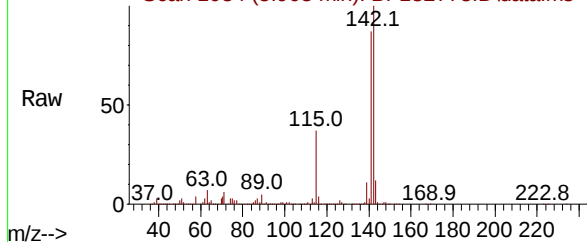
Tgt Ion:142 Resp: 1070244

Ion Ratio Lower Upper

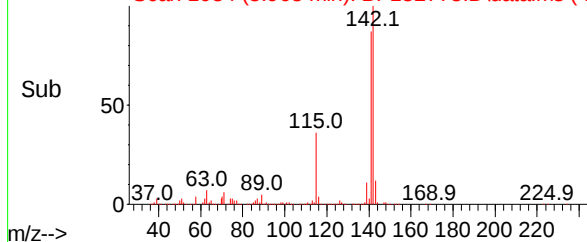
142 100

141 87.4 70.2 105.2

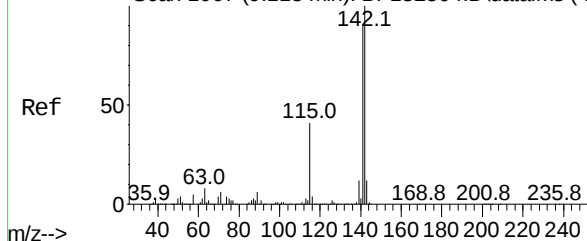
Abundance Scan 1084 (8.963 min): BF132778.D\data.ms



Abundance Scan 1084 (8.963 min): BF132778.D\data.ms (-1033) (-)



Abundance Scan 1067 (9.113 min): BF132504.D\data.ms (-1043)



1-Methylnaphthalene

Concen: 37.774 ng

RT: 9.063 min Scan# 1101

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

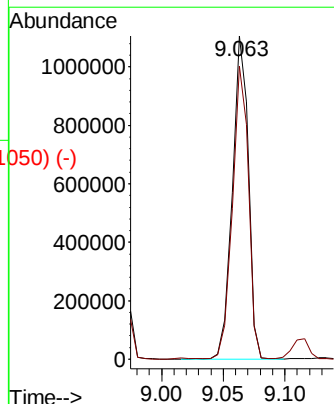
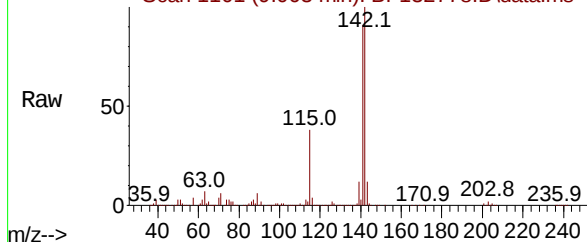
Tgt Ion:142 Resp: 997978

Ion Ratio Lower Upper

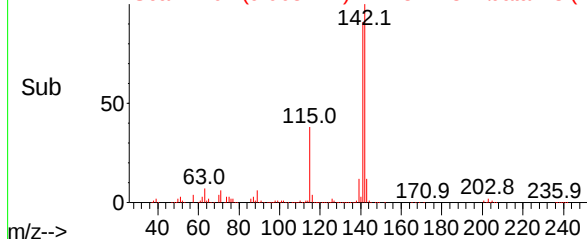
142 100

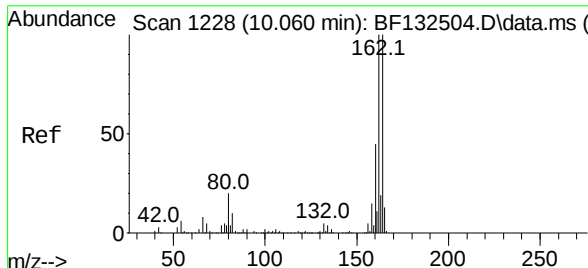
141 90.6 73.0 109.6

Abundance Scan 1101 (9.063 min): BF132778.D\data.ms



Abundance Scan 1101 (9.063 min): BF132778.D\data.ms (-1050) (-)

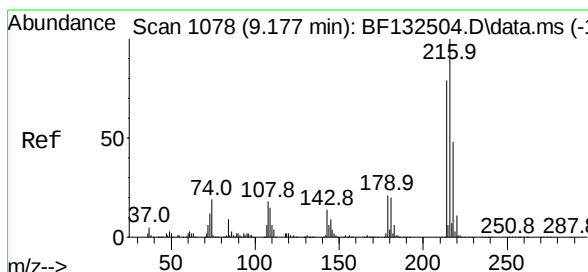
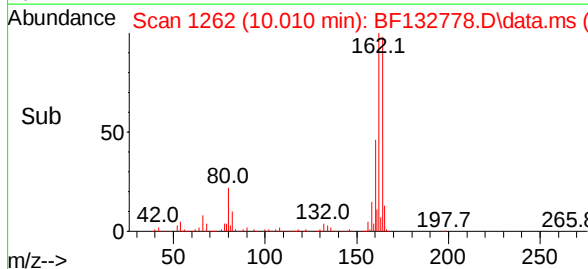
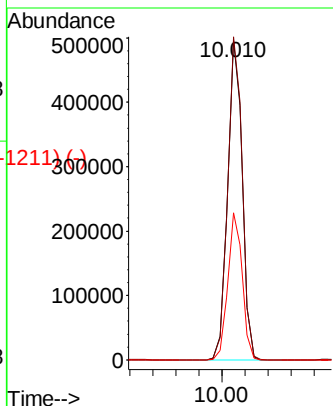
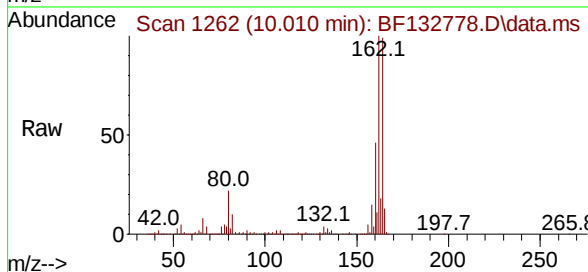




Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

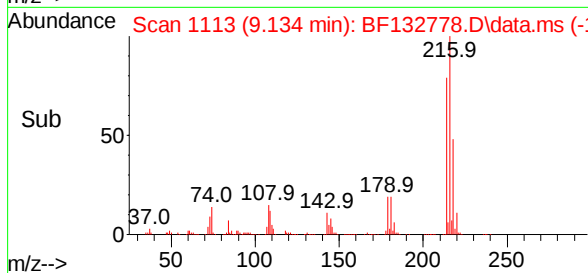
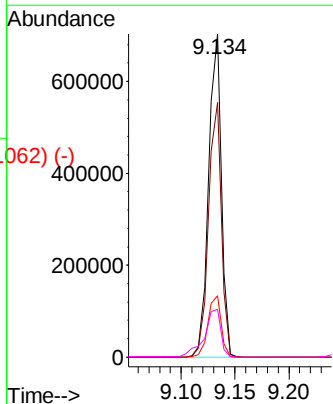
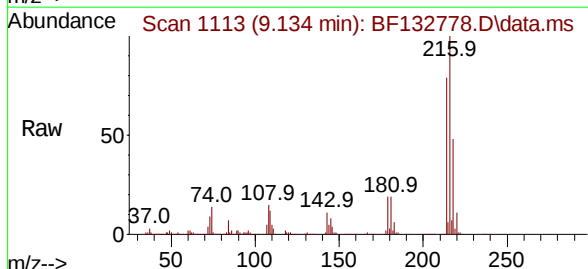
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

Tgt Ion:	164	Resp:	436624
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.8	119.8
160	46.1	35.8	53.6

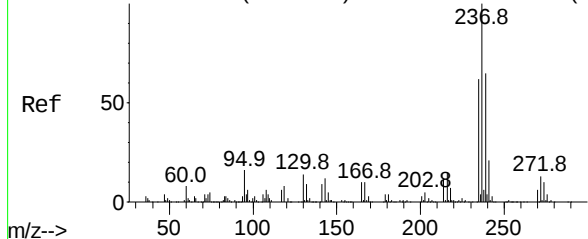


1,2,4,5-Tetrachlorobenzene
 Concen: 40.246 ng
 RT: 9.134 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Tgt Ion:	216	Resp:	574931
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.6
179	19.5	16.6	24.8
108	19.2	15.4	23.0



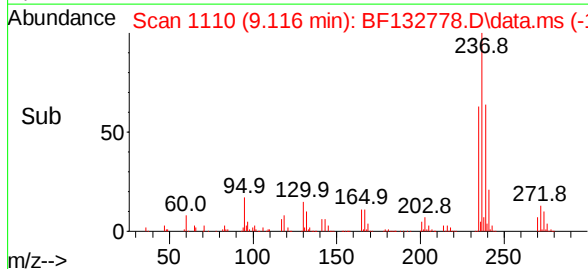
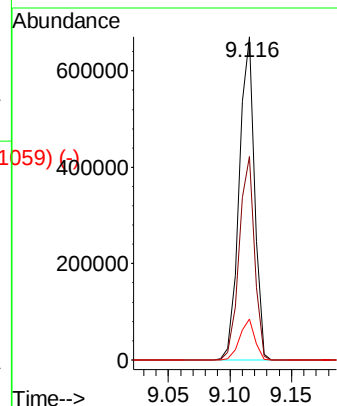
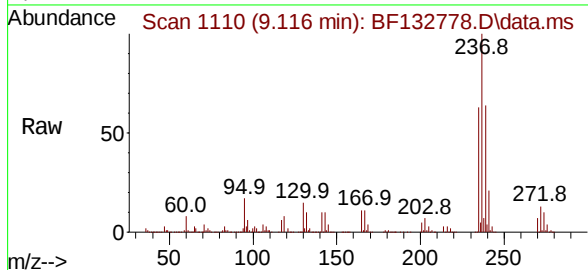
Abundance Scan 1076 (9.166 min): BF132504.D\data.ms (-1076)



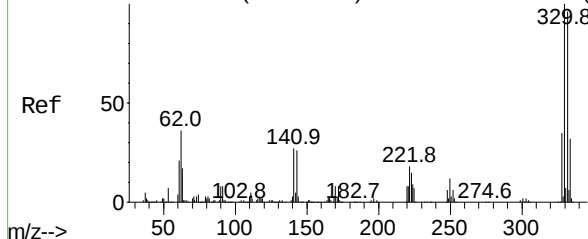
Hexachlorocyclopentadiene
Concen: 75.980 ng
RT: 9.116 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:237 Resp: 588712
Ion Ratio Lower Upper
237 100
235 62.9 42.4 82.4
272 12.6 0.0 32.7

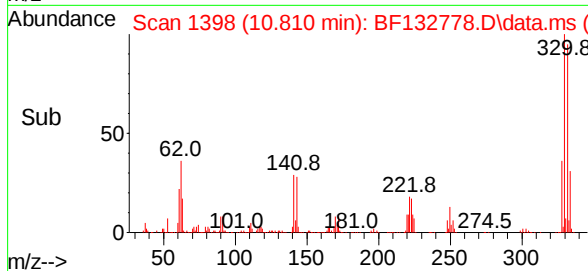
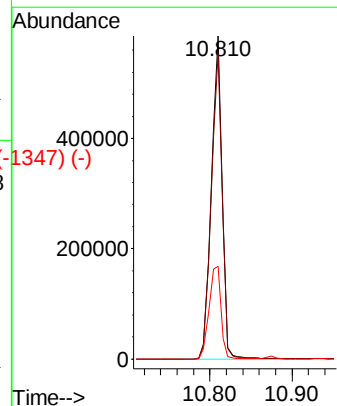
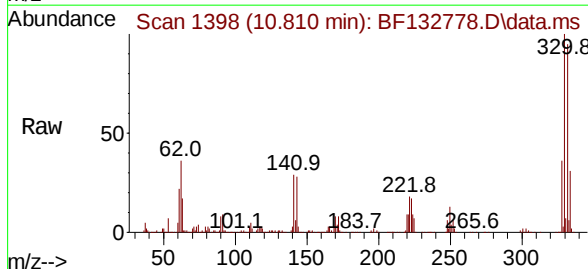


Abundance Scan 1364 (10.860 min): BF132504.D\data.ms (-1364)

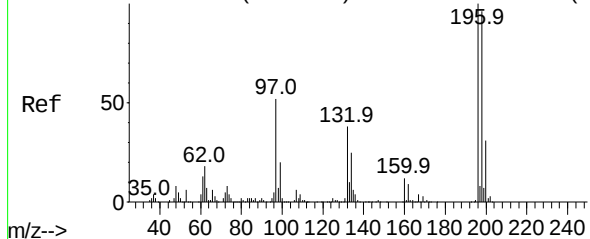


2,4,6-Tribromophenol
Concen: 113.135 ng
RT: 10.810 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:330 Resp: 533473
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 32.0 28.4 42.6



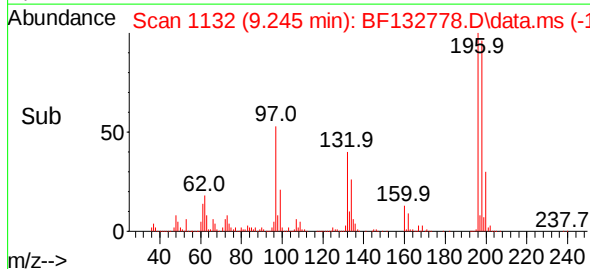
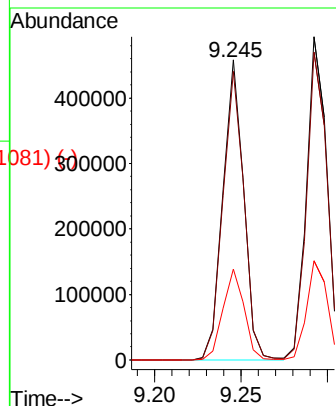
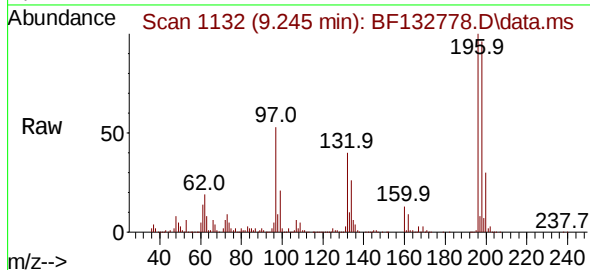
Abundance Scan 1098 (9.295 min): BF132504.D\data.ms (-109213)



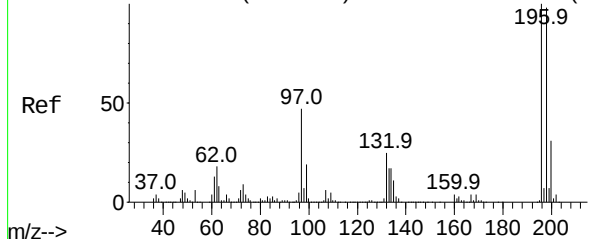
2,4,6-Trichlorophenol
Concen: 40.233 ng
RT: 9.245 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:	196	Resp:	389497
Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.1	115.7
200	30.3	25.0	37.4

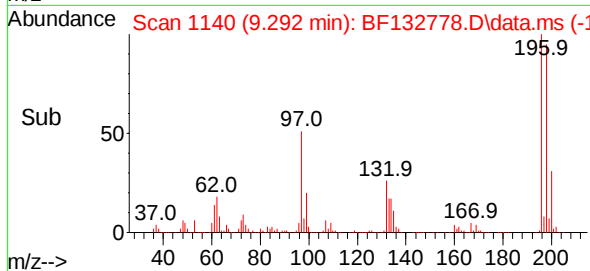
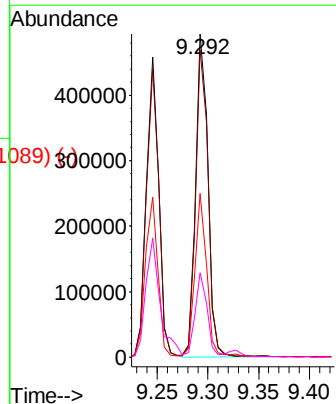
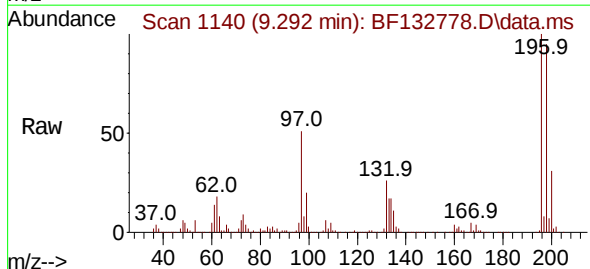


Abundance Scan 1106 (9.342 min): BF132504.D\data.ms (-110214)

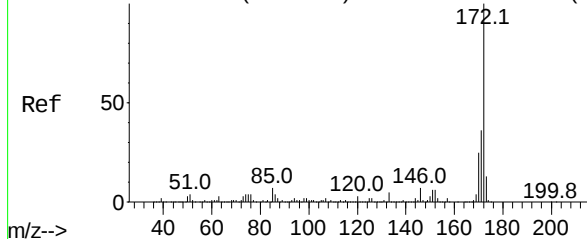


2,4,5-Trichlorophenol
Concen: 36.741 ng
RT: 9.292 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	196	Resp:	415147
Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.3	117.5
97	50.8	38.1	57.1
132	26.2	20.2	30.4



Abundance Scan 1112 (9.377 min): BF132504.D\data.ms (-11024)



2-Fluorobiphenyl

Concen: 66.205 ng

RT: 9.328 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

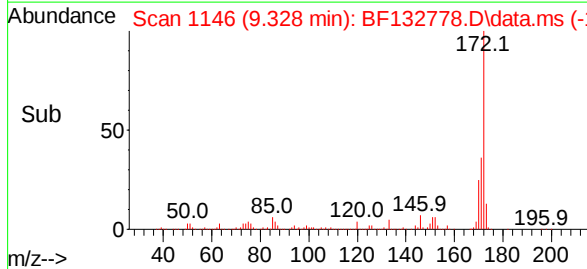
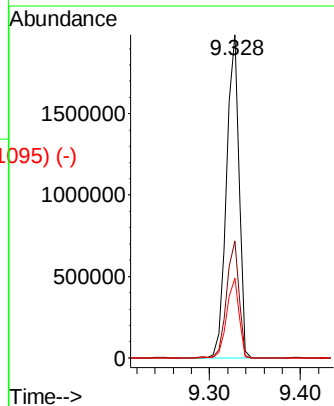
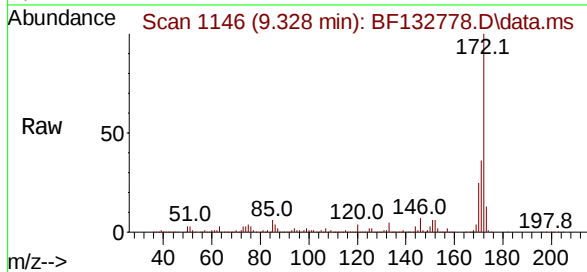
Tgt Ion:172 Resp: 1898434

Ion Ratio Lower Upper

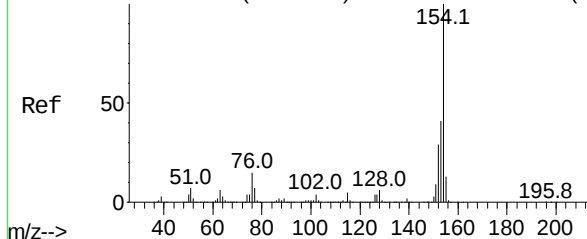
172 100

171 36.2 28.8 43.2

170 24.7 19.7 29.5



Abundance Scan 1129 (9.477 min): BF132504.D\data.ms (-11234)



1,1'-Biphenyl

Concen: 39.707 ng

RT: 9.428 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

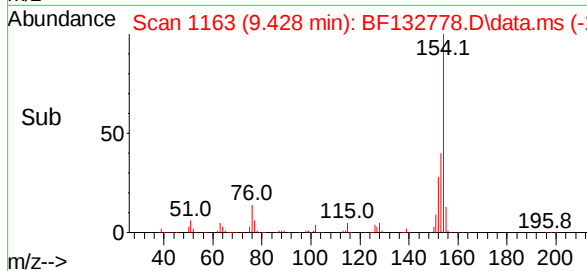
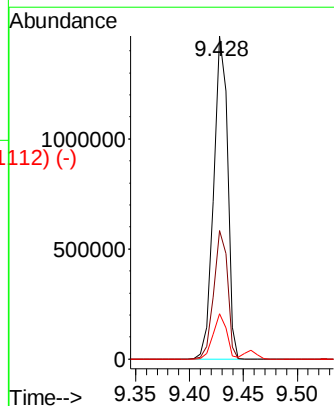
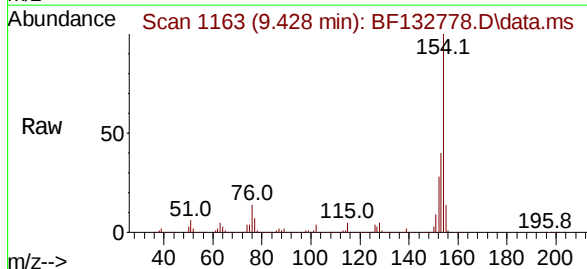
Tgt Ion:154 Resp: 1312217

Ion Ratio Lower Upper

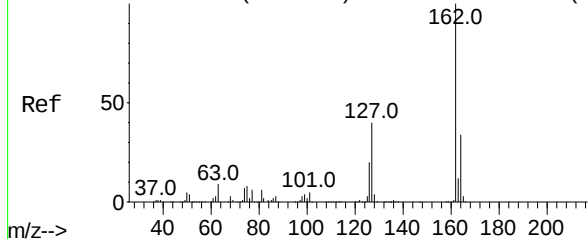
154 100

153 39.8 20.9 60.9

76 14.0 0.0 34.7



Abundance Scan 1134 (9.507 min): BF132504.D\data.ms (-117)



2-Chloronaphthalene

Concen: 40.396 ng

RT: 9.457 min Scan#

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

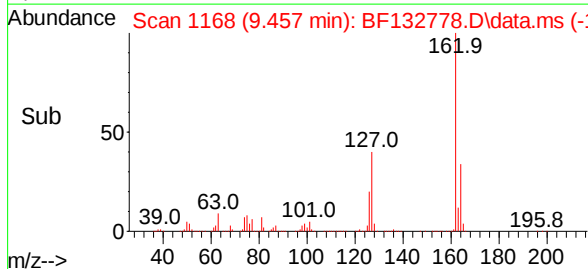
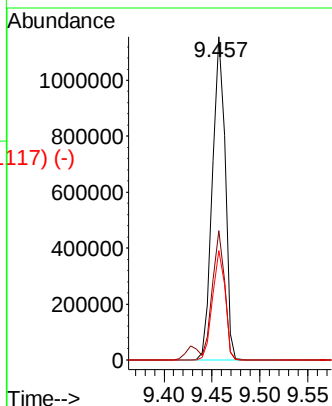
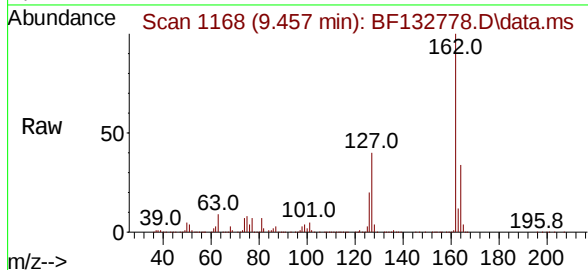
Tgt Ion:162 Resp: 1058430

Ion Ratio Lower Upper

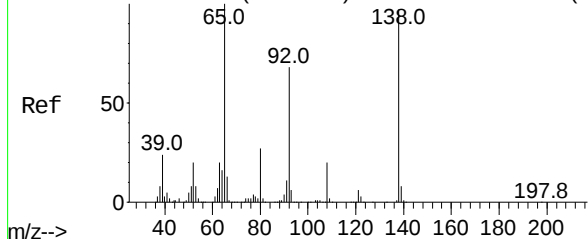
162 100

127 39.9 32.3 48.5

164 33.8 26.9 40.3



Abundance Scan 1150 (9.601 min): BF132504.D\data.ms (-114)



2-Nitroaniline

Concen: 36.145 ng

RT: 9.557 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

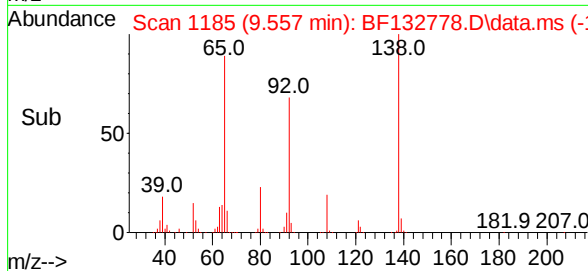
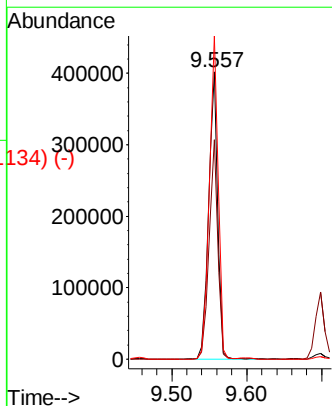
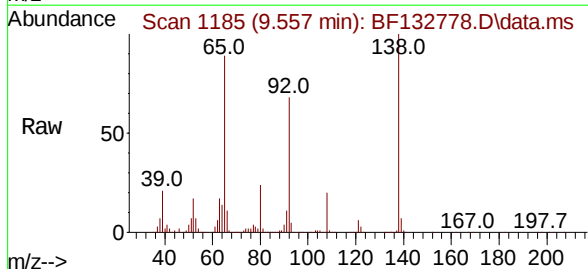
Tgt Ion: 65 Resp: 348806

Ion Ratio Lower Upper

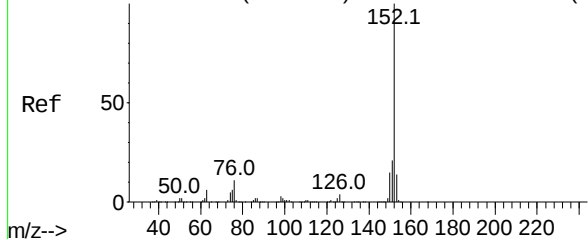
65 100

92 76.5 54.5 81.7

138 112.5 77.2 115.8



Abundance Scan 1205 (9.925 min): BF132504.D\data.ms (-119619)



Acenaphthylene

Concen: 38.877 ng

RT: 9.875 min Scan# 119619

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

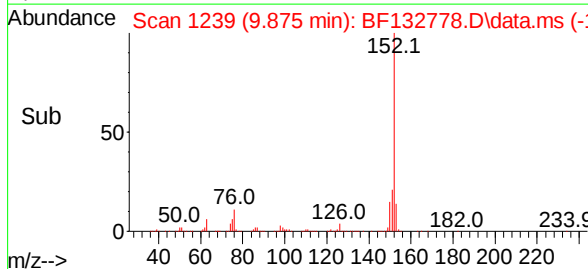
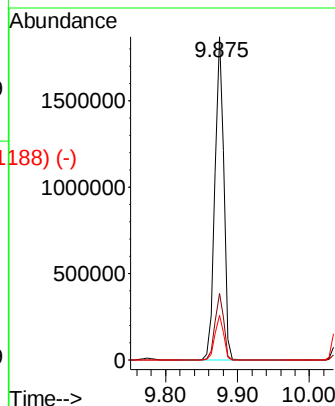
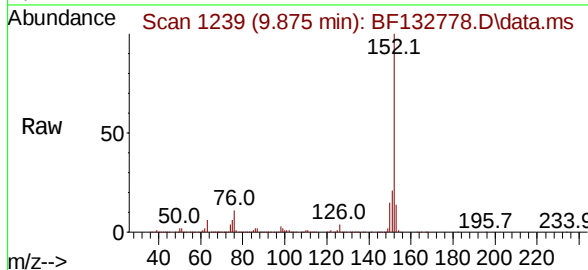
Tgt Ion:152 Resp: 1621190

Ion Ratio Lower Upper

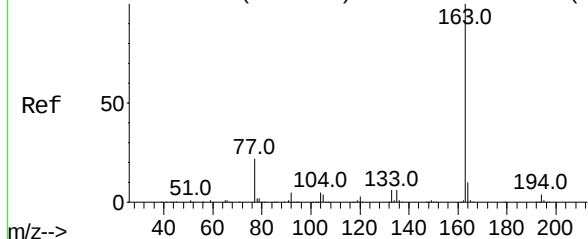
152 100

151 20.6 16.4 24.6

153 13.8 11.0 16.6



Abundance Scan 1180 (9.777 min): BF132504.D\data.ms (-11750)



Dimethylphthalate

Concen: 40.684 ng

RT: 9.728 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

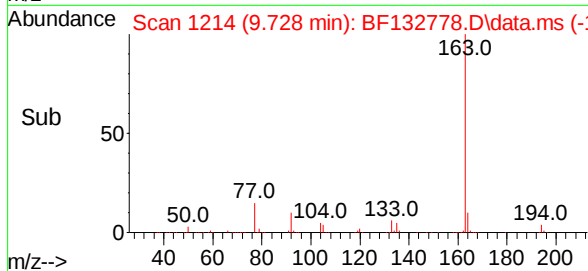
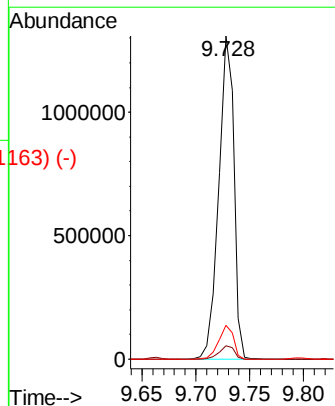
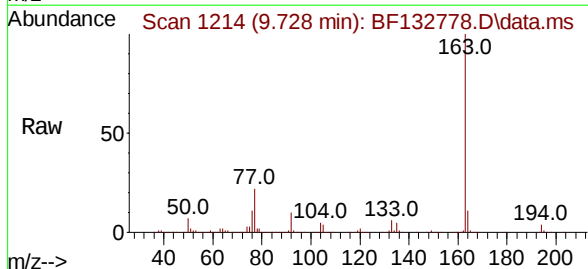
Tgt Ion:163 Resp: 1293415

Ion Ratio Lower Upper

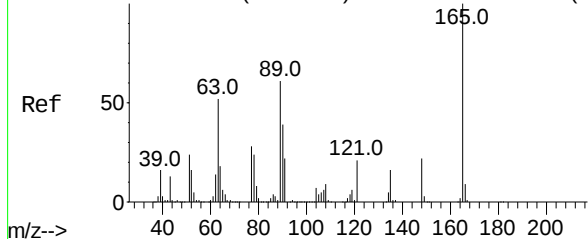
163 100

194 4.1 3.3 4.9

164 10.5 8.3 12.5



Abundance Scan 1191 (9.842 min): BF132504.D\data.ms (-11851)



2,6-Dinitrotoluene

Concen: 41.379 ng

RT: 9.798 min Scan#

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

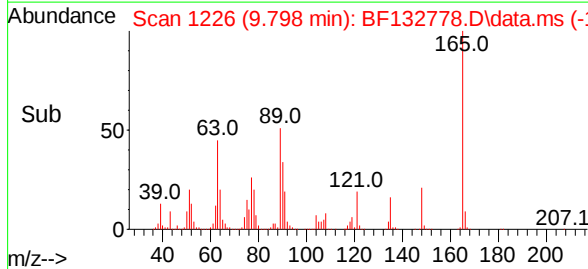
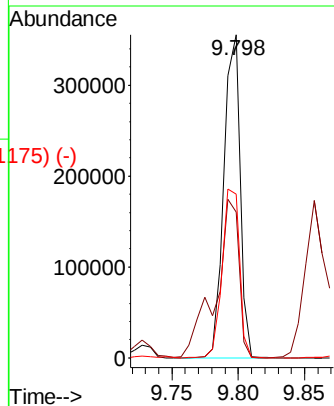
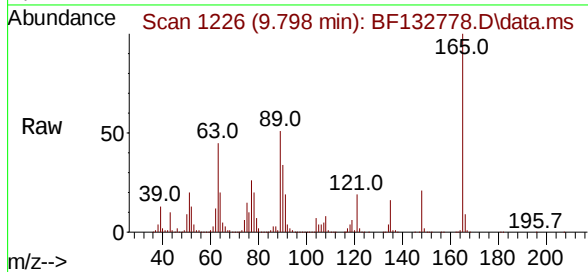
Tgt Ion:165 Resp: 299594

Ion Ratio Lower Upper

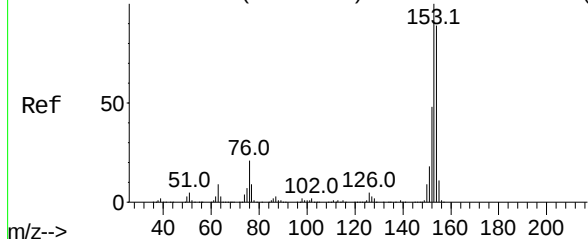
165 100

63 45.1 47.3 70.9#

89 50.7 48.9 73.3



Abundance Scan 1234 (10.095 min): BF132504.D\data.ms (-1253)



Acenaphthene

Concen: 35.682 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

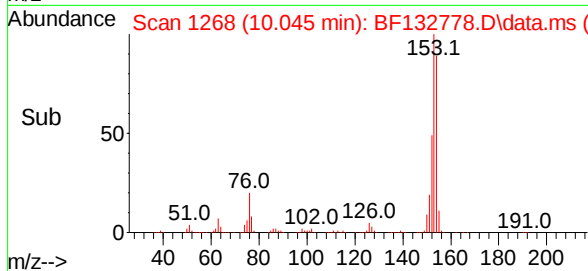
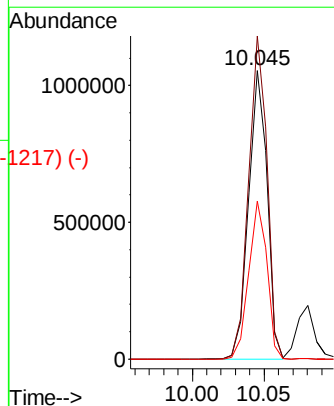
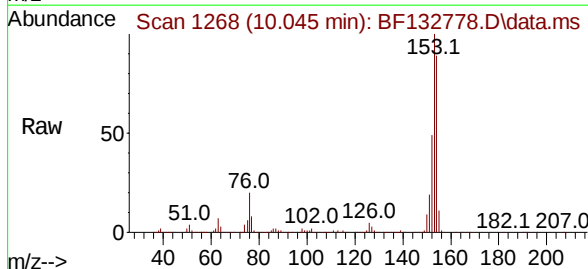
Tgt Ion:154 Resp: 944837

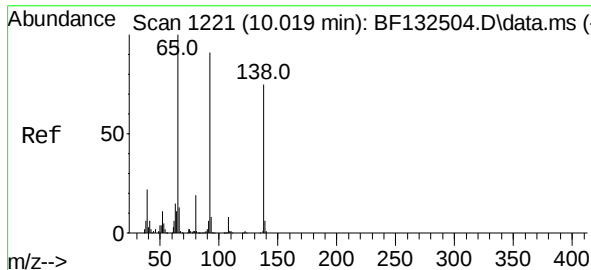
Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.8

152 54.8 43.3 64.9

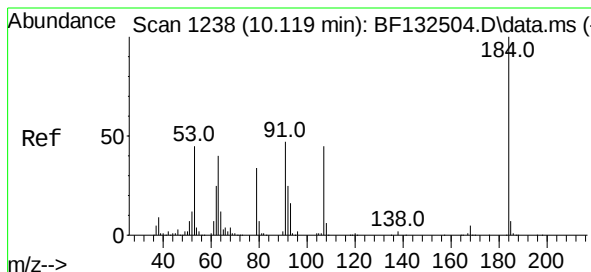
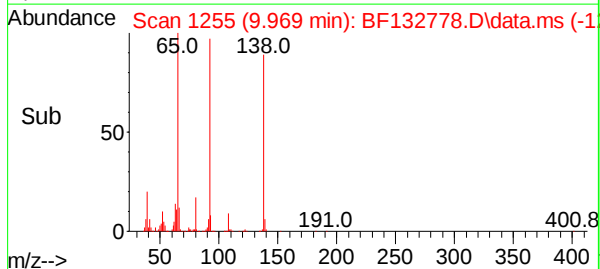
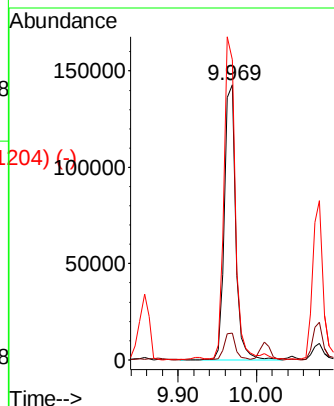
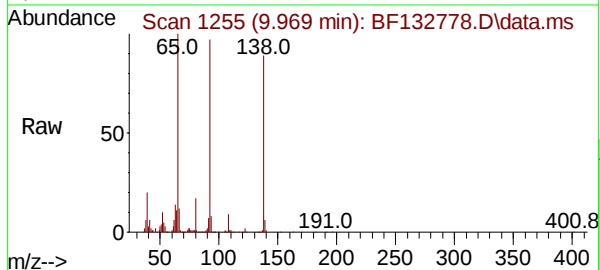




3-Nitroaniline
Concen: 17.470 ng
RT: 9.969 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

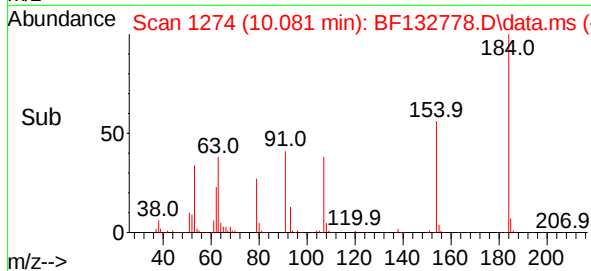
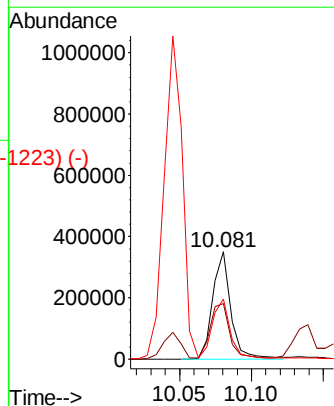
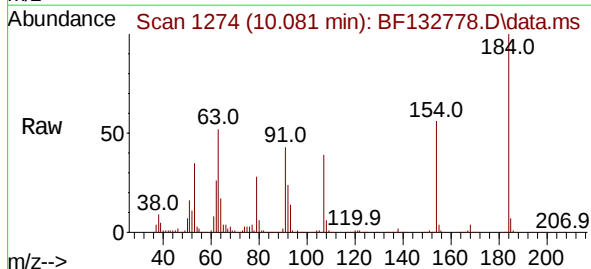
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:138 Resp: 141489
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 109.0 97.2 145.8



2,4-Dinitrophenol
Concen: 67.685 ng
RT: 10.081 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:184 Resp: 307486
Ion Ratio Lower Upper
184 100
63 51.7 51.4 77.2
154 56.1 48.3 72.5



Abundance Scan 1264 (10.272 min): BF132504.D\data.ms (-1255) (-)

Dibenzofuran

Concen: 37.682 ng

RT: 10.222 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion:168 Resp: 1454616

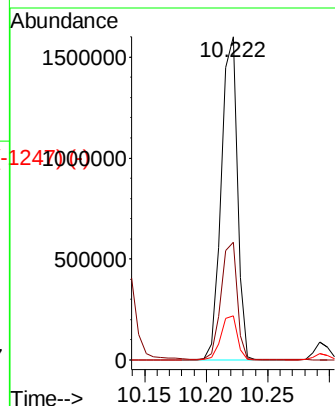
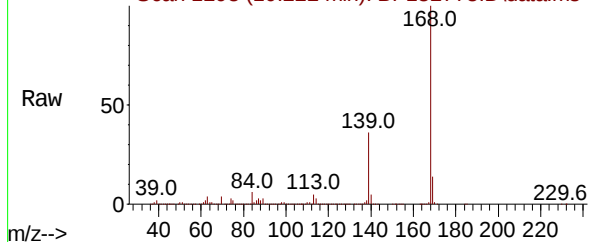
Ion Ratio Lower Upper

168 100

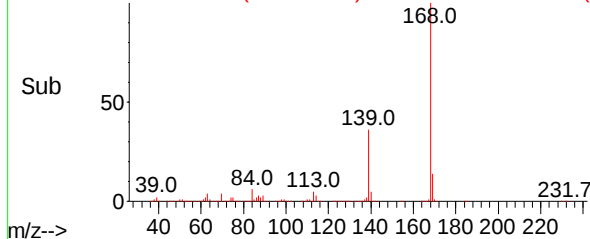
139 36.4 29.8 44.6

169 13.7 10.9 16.3

Abundance Scan 1298 (10.222 min): BF132778.D\data.ms



Abundance Scan 1298 (10.222 min): BF132778.D\data.ms (-1241) (-)



Abundance Scan 1248 (10.177 min): BF132504.D\data.ms (-1246) (-)

4-Nitrophenol

Concen: 65.203 ng

RT: 10.139 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Tgt Ion:139 Resp: 393829

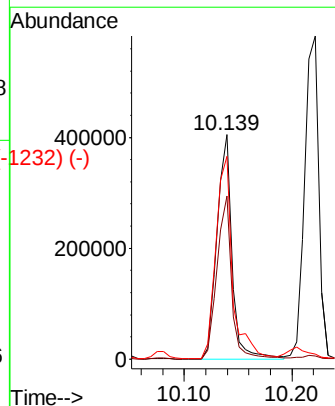
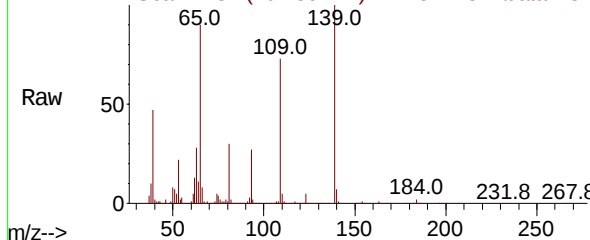
Ion Ratio Lower Upper

139 100

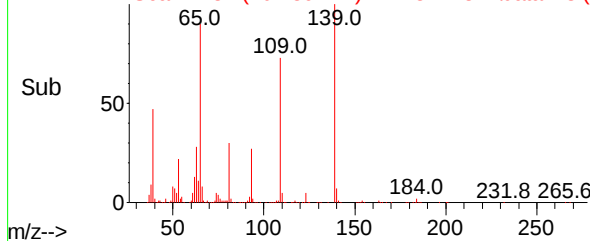
109 72.9 56.7 96.7

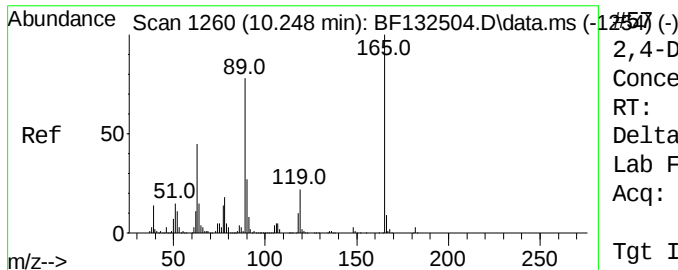
65 90.5 83.5 123.5

Abundance Scan 1284 (10.139 min): BF132778.D\data.ms



Abundance Scan 1284 (10.139 min): BF132778.D\data.ms (-1232) (-)

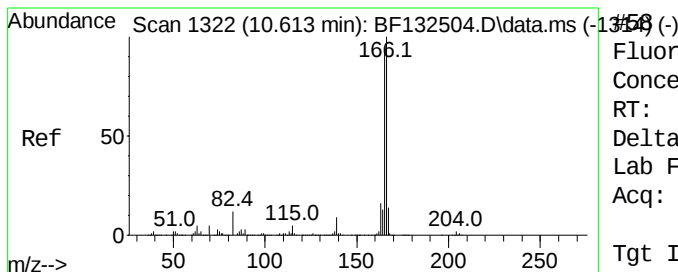
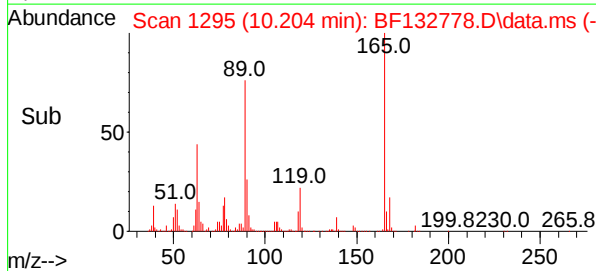
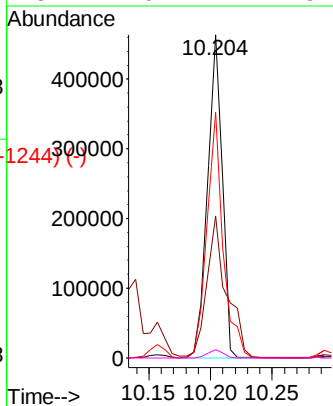
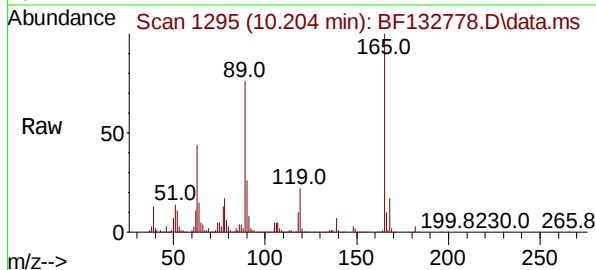




2,4-Dinitrotoluene
Concen: 40.173 ng
RT: 10.204 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

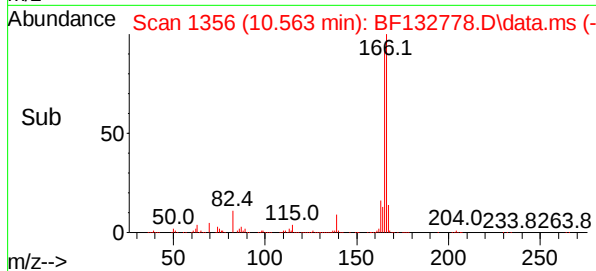
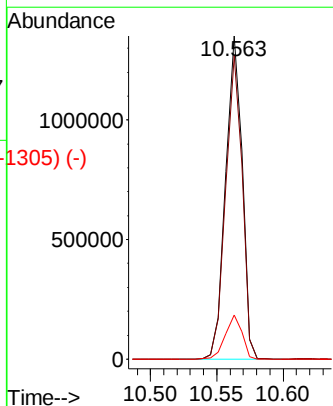
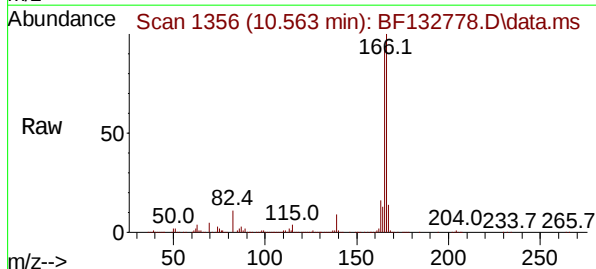
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

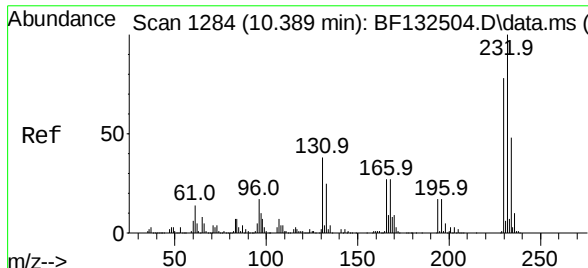
Tgt Ion:	165	Resp:	386955
Ion	Ratio	Lower	Upper
165	100		
63	43.9	36.5	54.7
89	76.0	62.4	93.6
182	2.6	2.1	3.1



Fluorene
Concen: 39.330 ng
RT: 10.563 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	166	Resp:	1161289
Ion	Ratio	Lower	Upper
166	100		
165	93.9	74.2	111.4
167	13.6	11.1	16.7

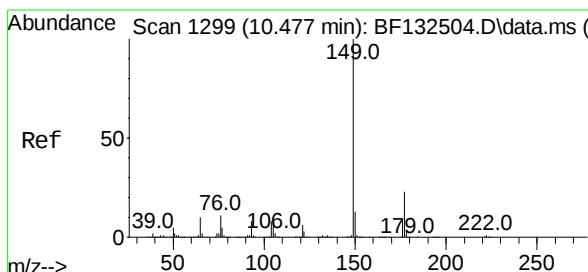
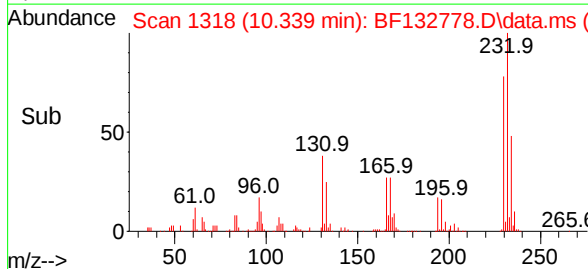
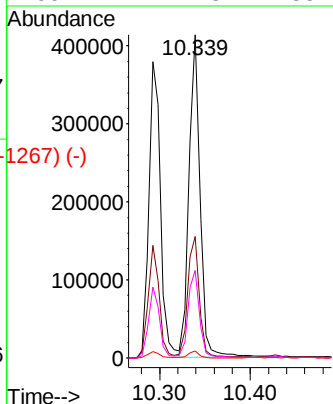
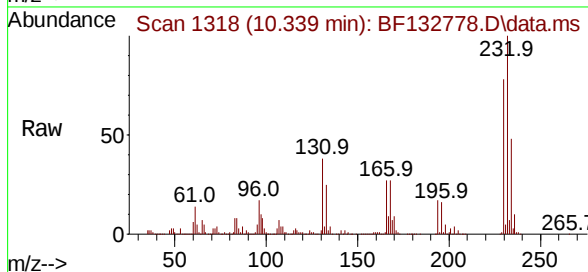




Scan 1284 (10.389 min): BF132504.D\data.ms (-1259) (-)
 2,3,4,6-Tetrachlorophenol
 Concen: 41.821 ng
 RT: 10.339 min Scan# 1333
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

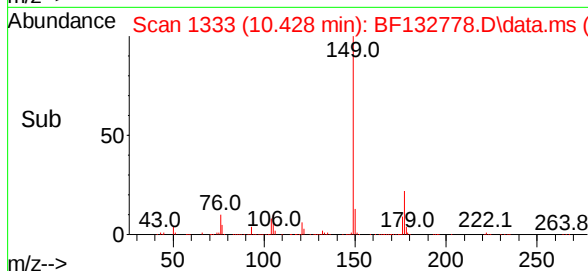
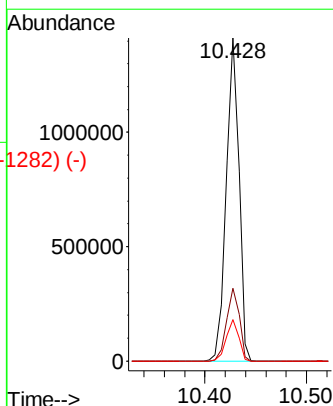
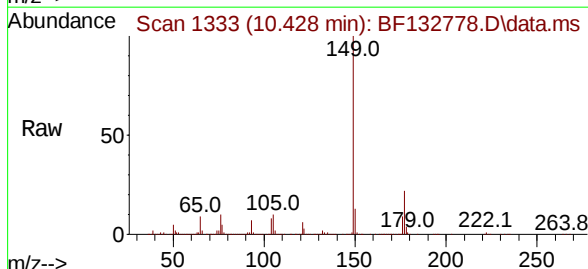
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

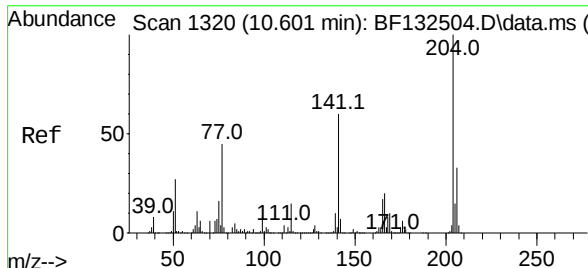
Tgt Ion:	232	Resp:	351025
Ion	Ratio	Lower	Upper
232	100		
131	39.5	33.8	50.8
130	2.0	1.7	2.5
166	27.7	23.4	35.0



Scan 1299 (10.477 min): BF132504.D\data.ms (-1259) (-)
 Diethylphthalate
 Concen: 39.564 ng
 RT: 10.428 min Scan# 1333
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Tgt Ion:	149	Resp:	1228449
Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.1	27.1
150	12.9	10.2	15.2

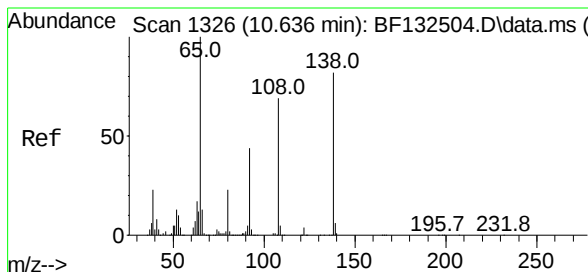
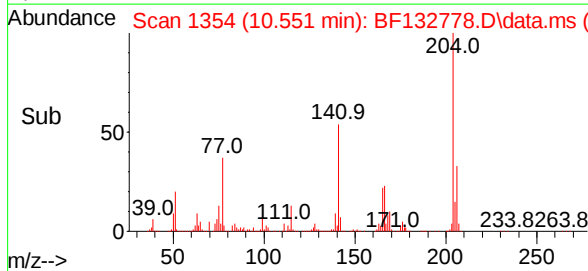
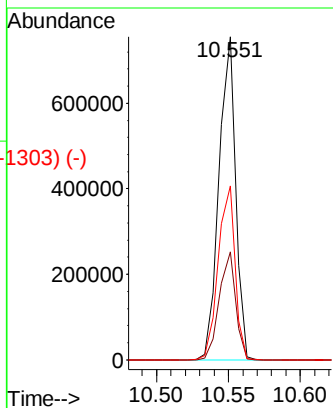
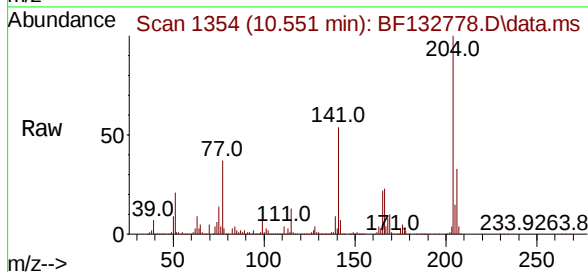




4-Chlorophenyl-phenylether
 Concen: 39.319 ng
 RT: 10.551 min Scan# 1360
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

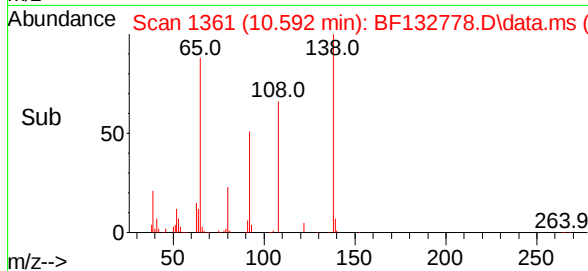
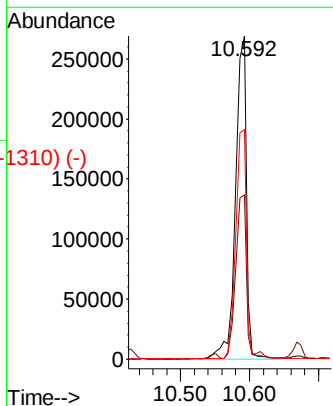
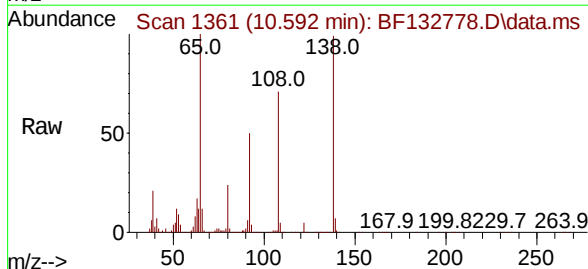
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

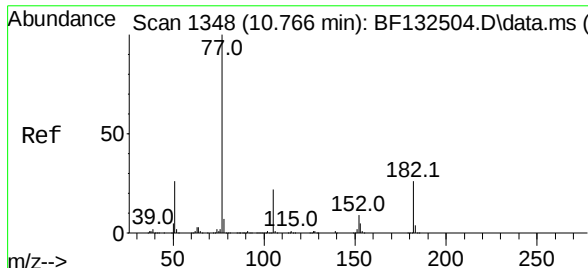
Tgt Ion:	204	Resp:	602276
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.3	39.5
141	53.9	47.8	71.8



4-Nitroaniline
 Concen: 37.287 ng
 RT: 10.592 min Scan# 1361
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Tgt Ion:	138	Resp:	296438
Ion	Ratio	Lower	Upper
138	100		
92	50.8	33.8	73.8
108	71.0	63.7	103.7



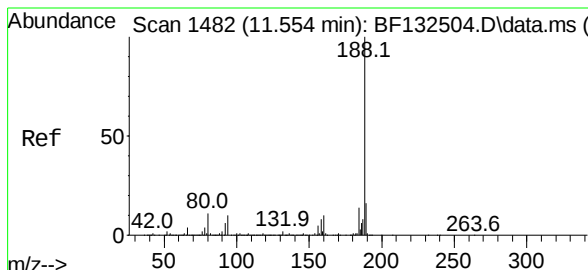
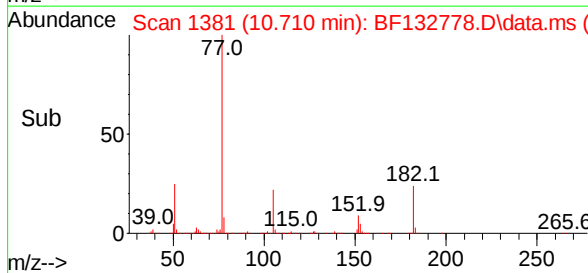
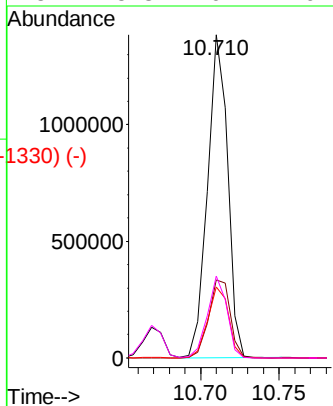
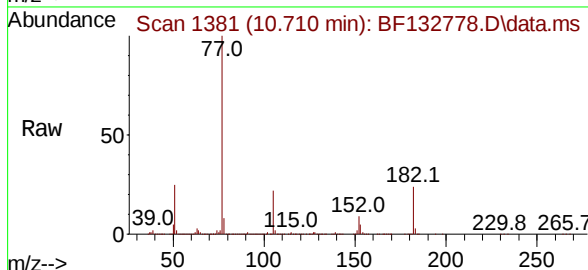


Azobenzene
Concen: 37.816 ng
RT: 10.710 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion: 77 Resp: 1243510

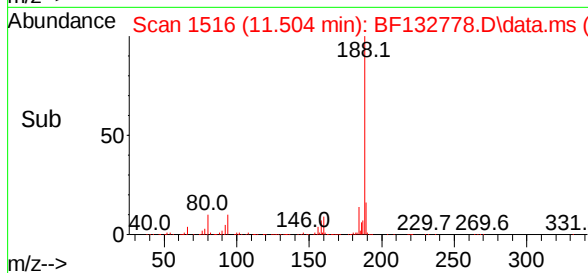
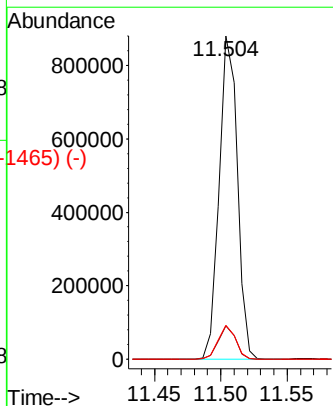
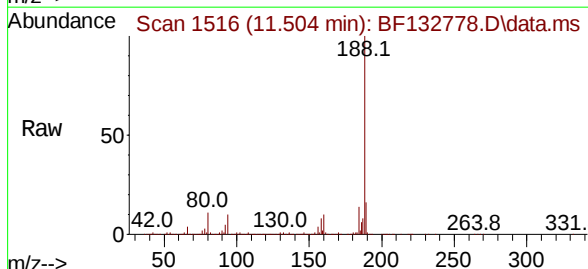
Ion	Ratio	Lower	Upper
77	100		
182	24.2	5.5	45.5
105	21.9	1.8	41.8
51	25.3	6.4	46.4

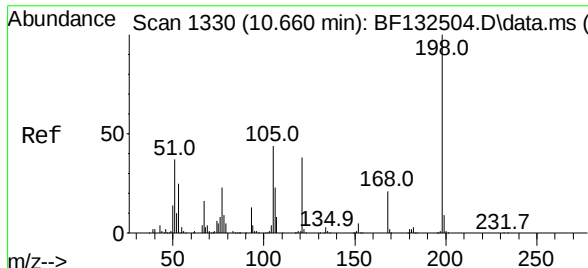


Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion: 188 Resp: 831673

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	10.5	8.7	13.1

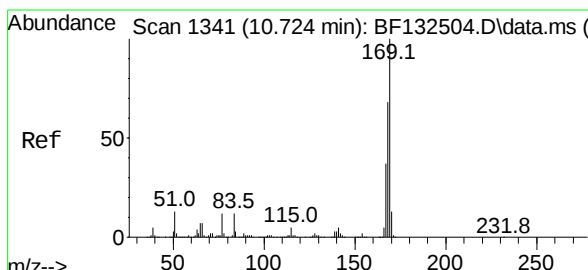
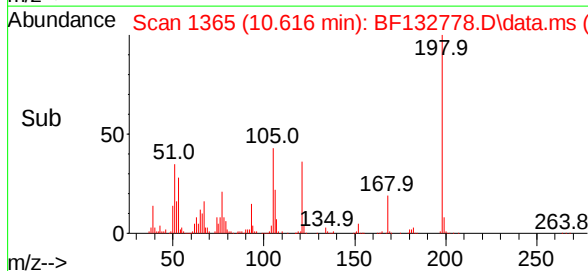
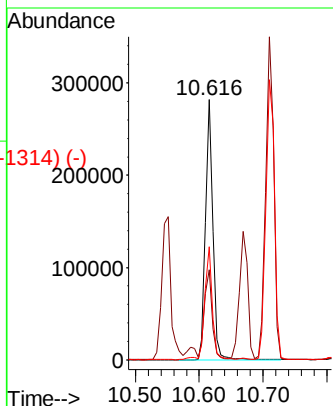
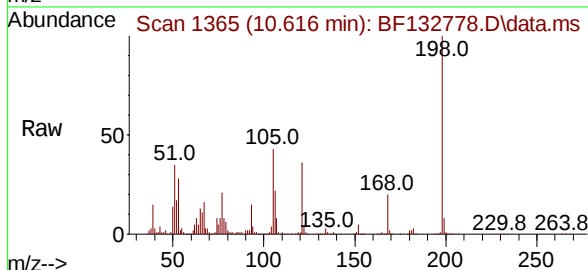




4,6-Dinitro-2-methylphenol
 Concen: 39.944 ng
 RT: 10.616 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

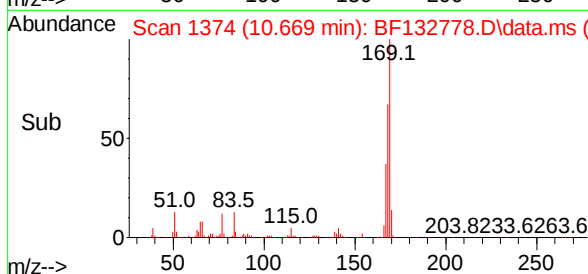
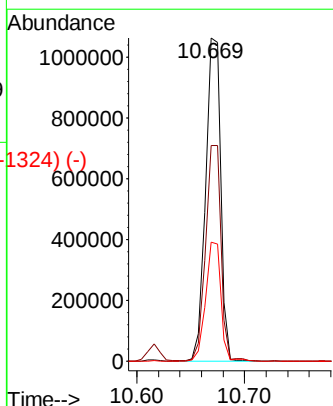
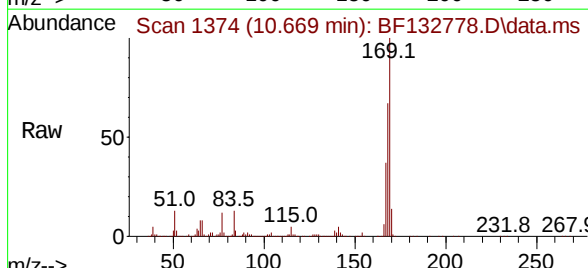
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

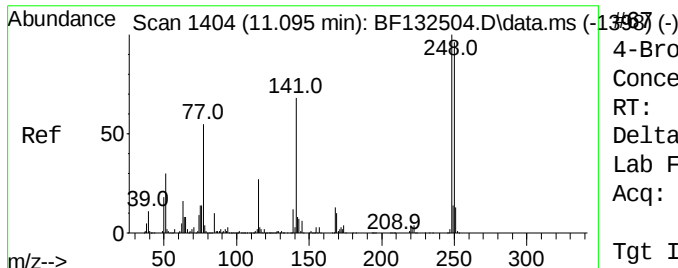
Tgt Ion:	198	Resp:	224883
Ion	Ratio	Lower	Upper
198	100		
51	34.7	20.6	60.6
105	43.4	24.3	64.3



n-Nitrosodiphenylamine
 Concen: 39.541 ng
 RT: 10.669 min Scan# 1374
 Delta R.T. -0.006 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Tgt Ion:	169	Resp:	1025220
Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.2	81.4
167	36.7	29.6	44.4

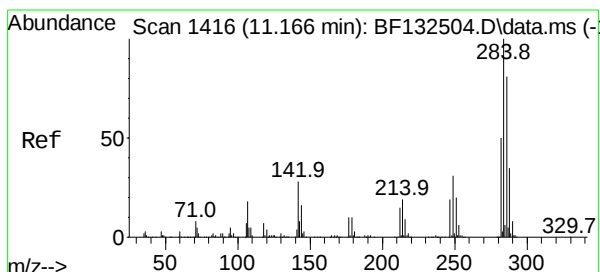
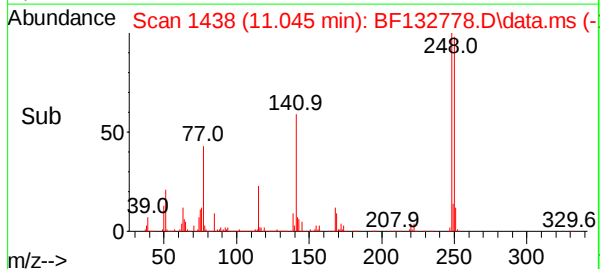
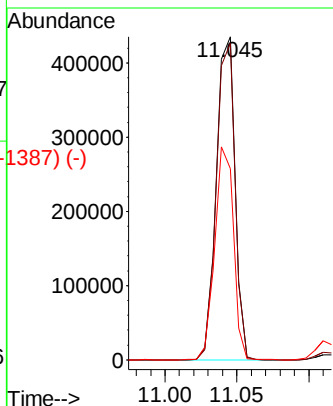
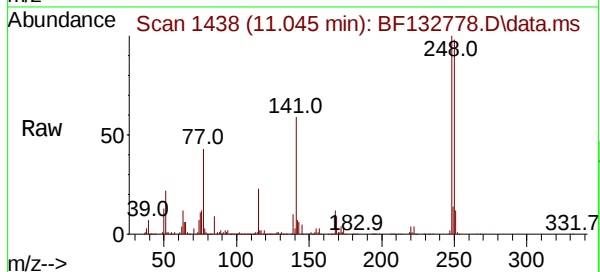




4-Bromophenyl-phenylether
Concen: 41.495 ng
RT: 11.045 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

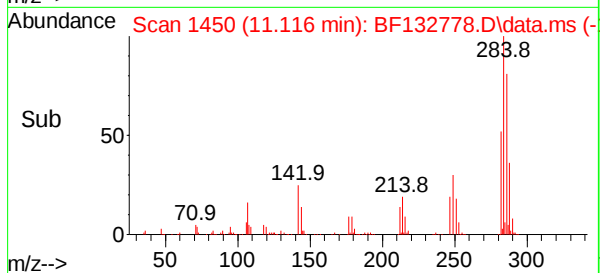
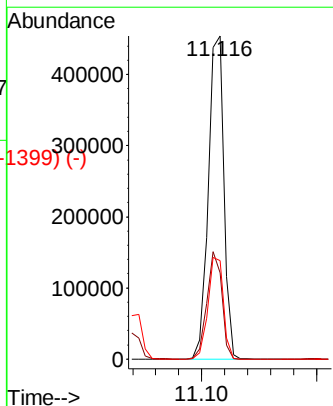
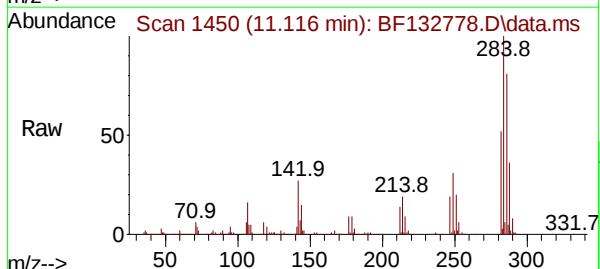
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

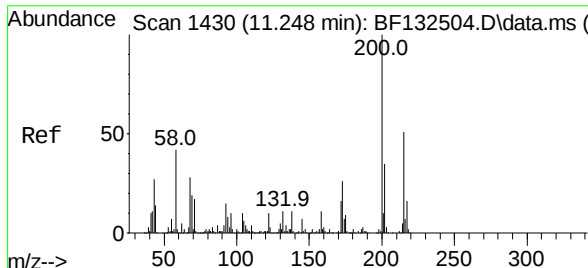
Tgt Ion:	248	Resp:	390361
Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.0	115.4
141	59.1	54.2	81.2



Hexachlorobenzene
Concen: 43.274 ng
RT: 11.116 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	284	Resp:	428363
Ion	Ratio	Lower	Upper
284	100		
142	26.7	22.2	33.4
249	30.6	24.9	37.3

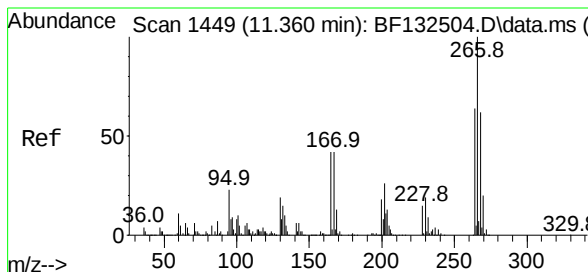
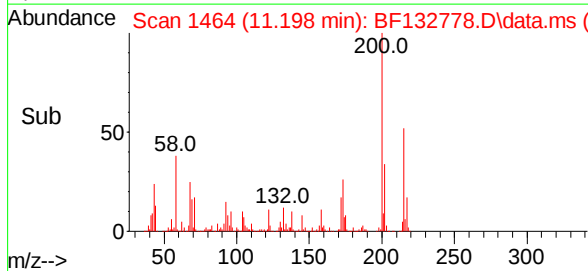
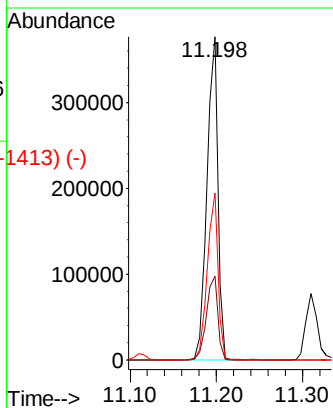
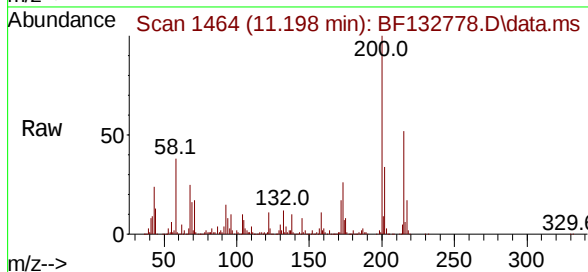




Atrazine
Concen: 40.573 ng
RT: 11.198 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

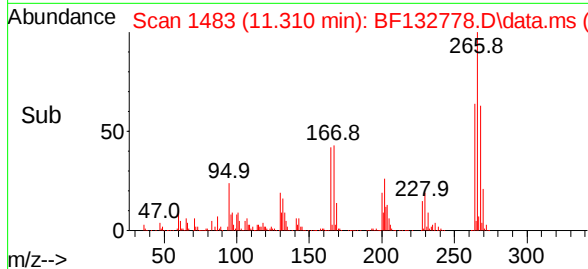
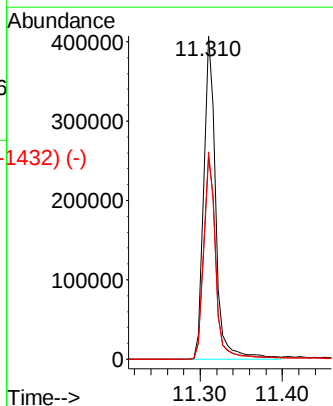
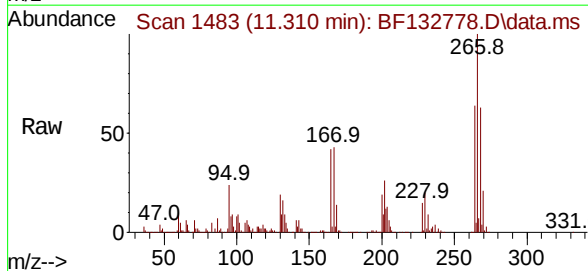
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

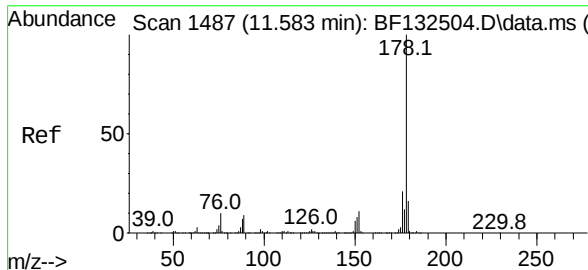
Tgt Ion:	200	Resp:	328418
Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.4	46.4
215	51.6	31.0	71.0



Pentachlorophenol
Concen: 69.551 ng
RT: 11.310 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	266	Resp:	409622
Ion	Ratio	Lower	Upper
266	100		
268	62.5	49.8	74.6
264	64.2	50.9	76.3

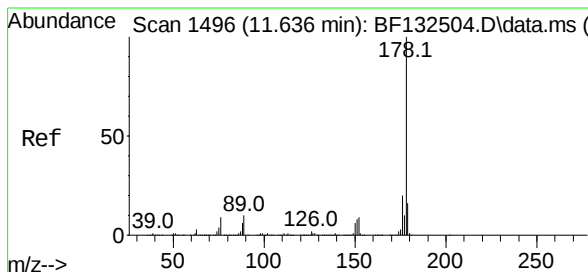
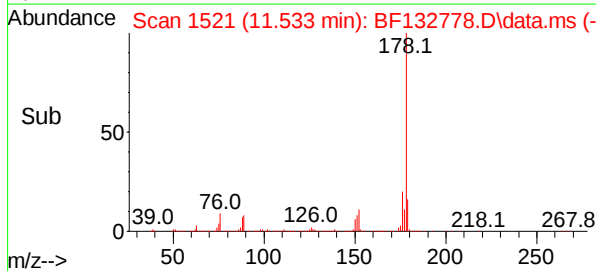
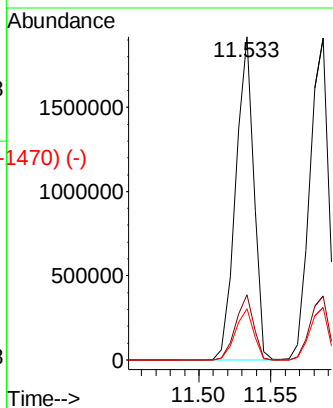
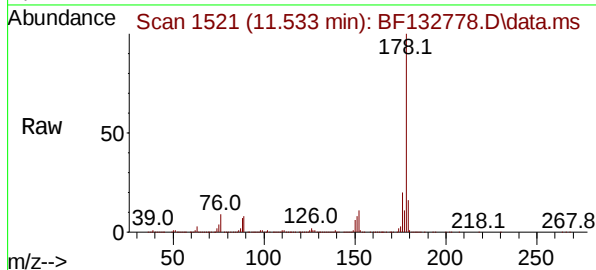




Phenanthrene
Concen: 39.300 ng
RT: 11.533 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

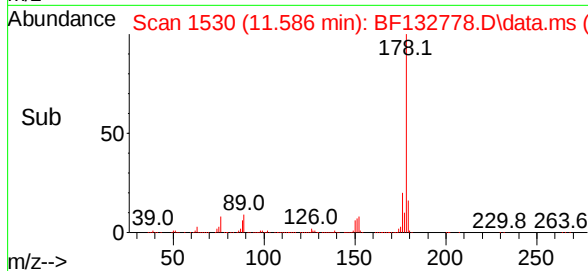
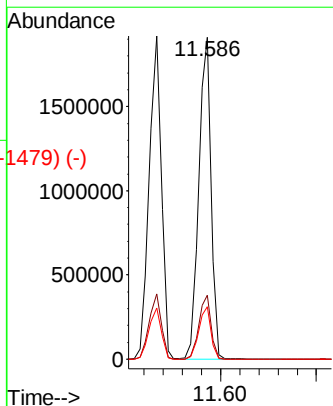
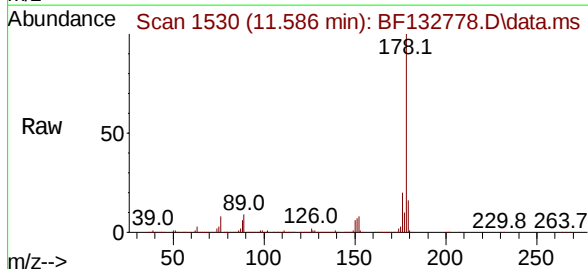
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

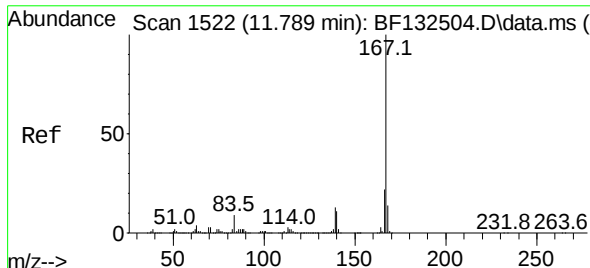
Tgt Ion:178 Resp: 1693220
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 15.8 13.0 19.6



Anthracene
Concen: 38.944 ng
RT: 11.586 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:178 Resp: 1727840
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.3 12.5 18.7

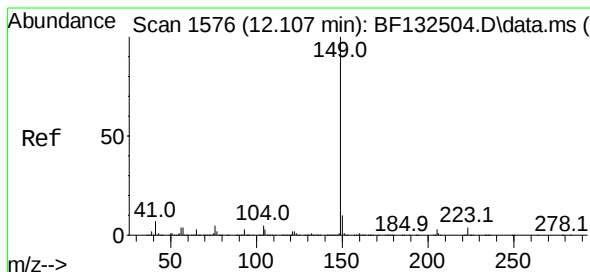
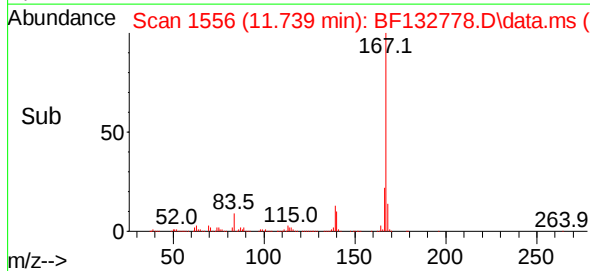
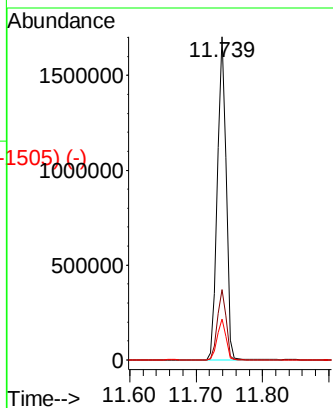
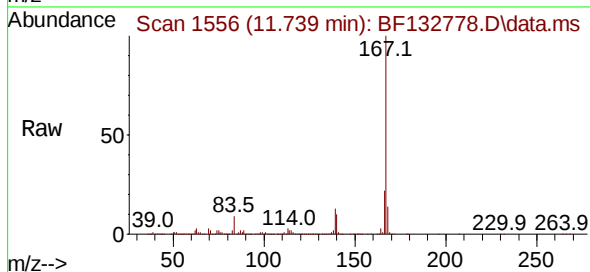




Carbazole
Concen: 38.957 ng
RT: 11.739 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

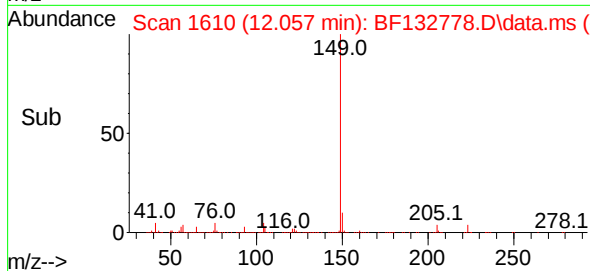
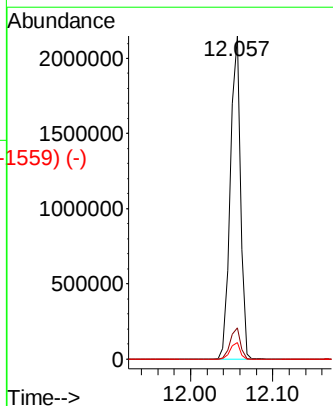
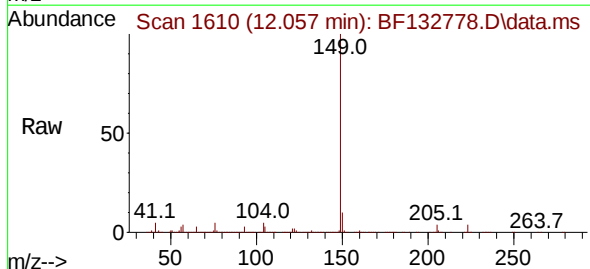
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BNA_F
ClientSampleId :
COMP-SOILMS

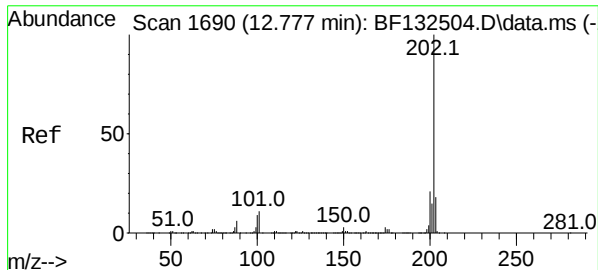
Tgt Ion:167 Resp: 1558337
Ion Ratio Lower Upper
167 100
166 21.7 17.7 26.5
139 12.7 10.5 15.7



Di-n-butylphthalate
Concen: 39.811 ng
RT: 12.057 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:149 Resp: 1868023
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 5.1 4.3 6.5

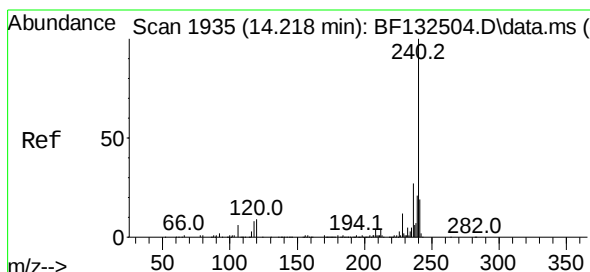
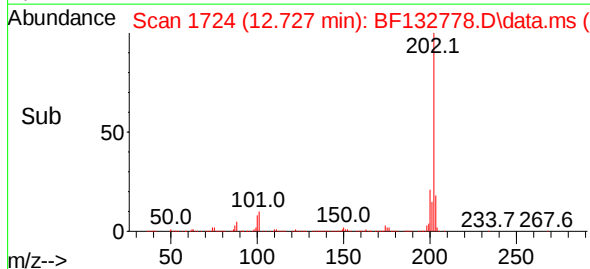
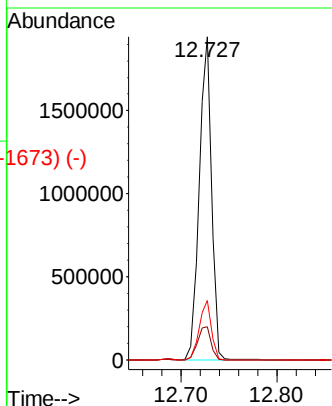
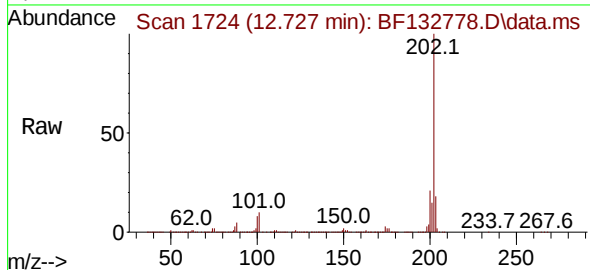




Fluoranthene
Concen: 37.141 ng
RT: 12.727 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

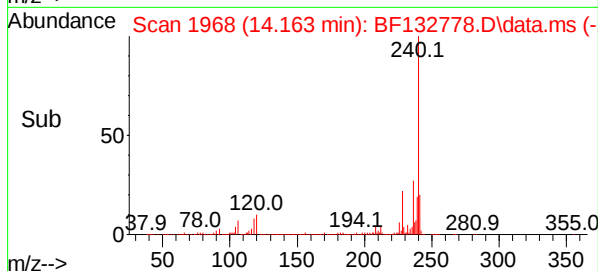
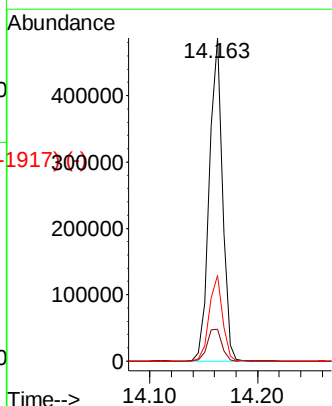
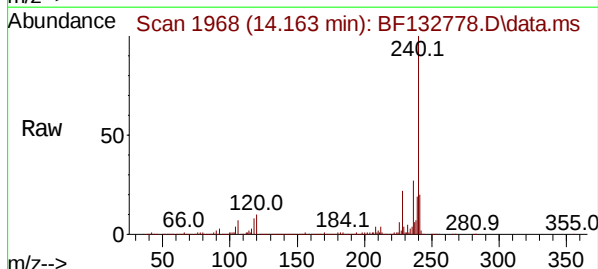
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

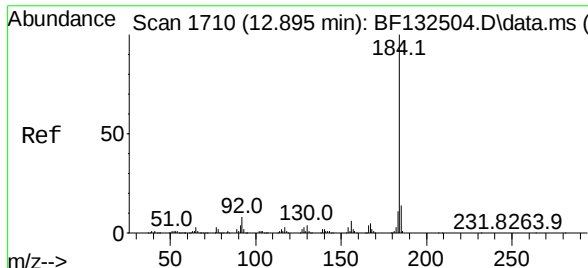
Tgt Ion:202 Resp: 1749368
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 18.3 0.0 38.0



Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:240 Resp: 411267
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 26.5 21.8 32.6

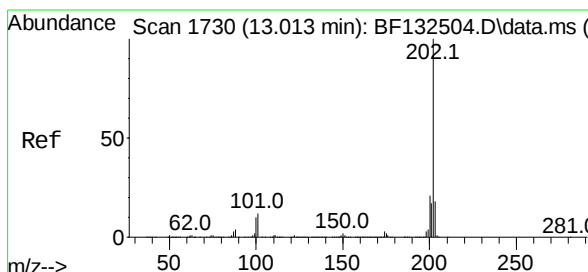
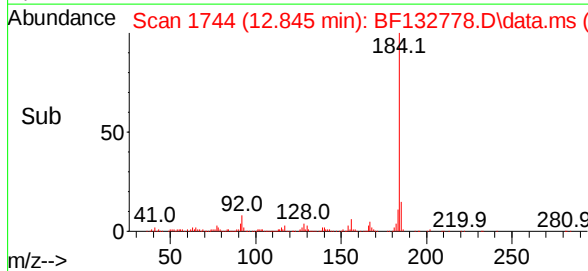
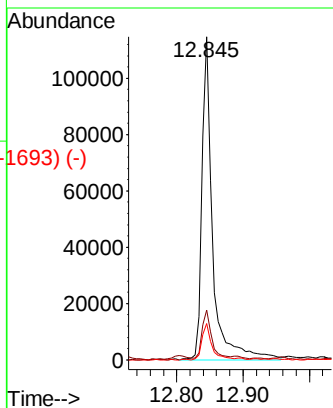
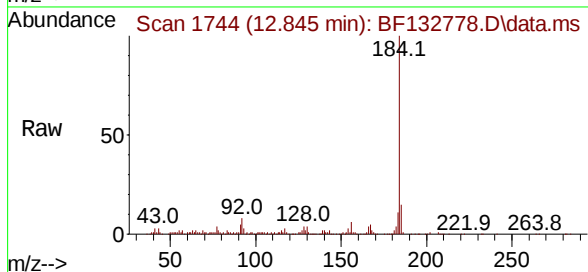




Benzidine
 Concen: 13.032 ng
 RT: 12.845 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

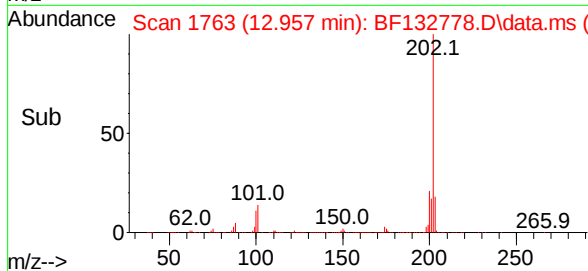
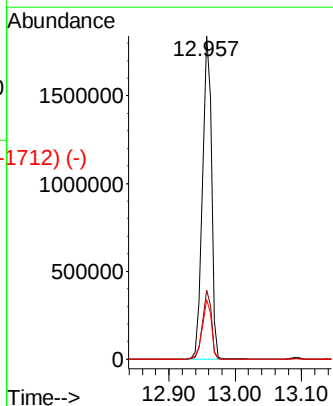
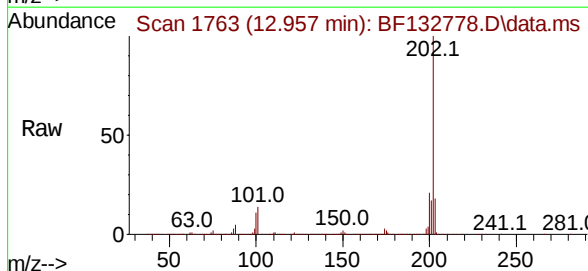
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

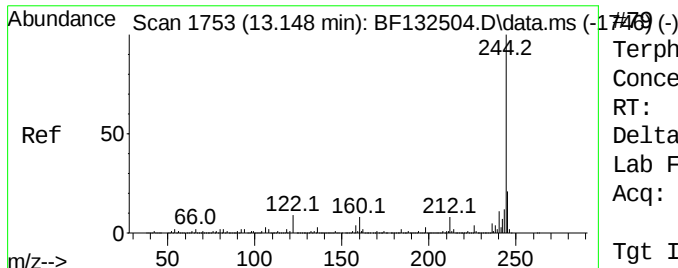
Tgt Ion:	184	Resp:	130469
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.7	17.5
183	11.2	8.7	13.1



Pyrene
 Concen: 47.331 ng
 RT: 12.957 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Tgt Ion:	202	Resp:	1769761
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	18.4	14.6	21.8





Terphenyl-d14

Concen: 96.117 ng

RT: 13.092 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

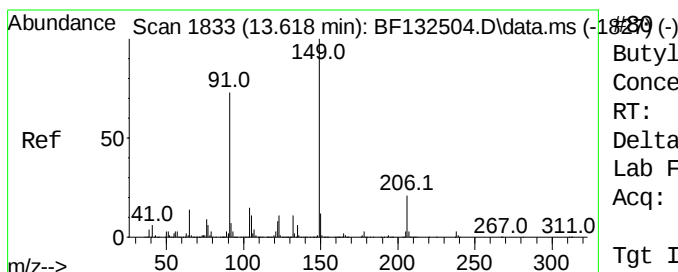
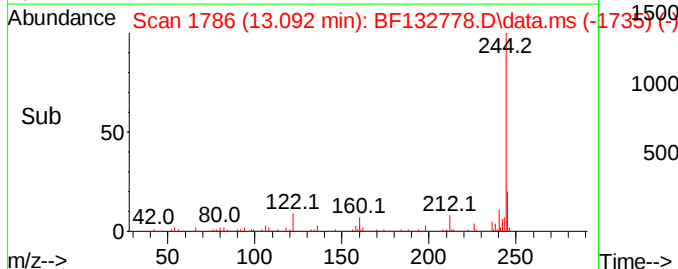
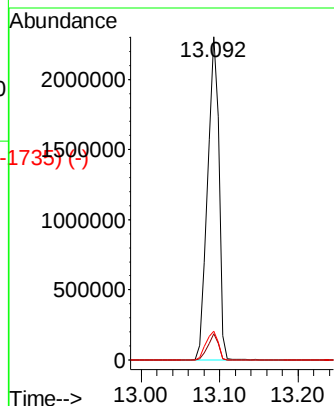
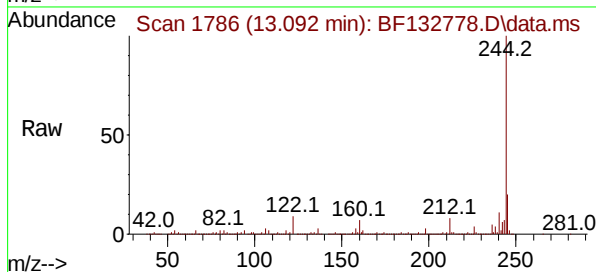
Tgt Ion:244 Resp: 2338001

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 8.9 7.5 11.3



Butylbenzylphthalate

Concen: 44.872 ng

RT: 13.563 min Scan# 1866

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

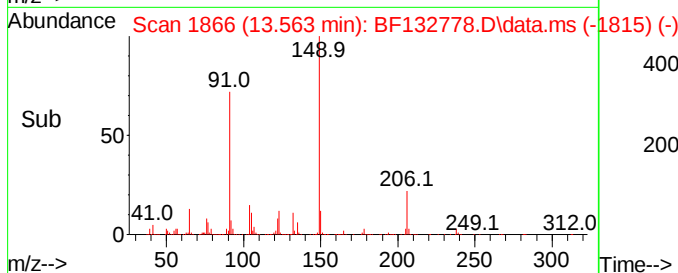
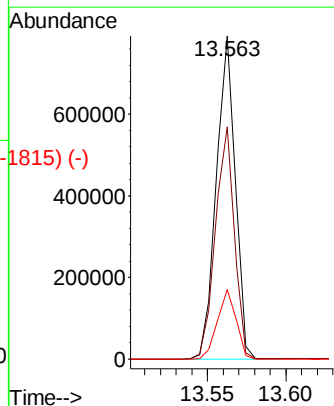
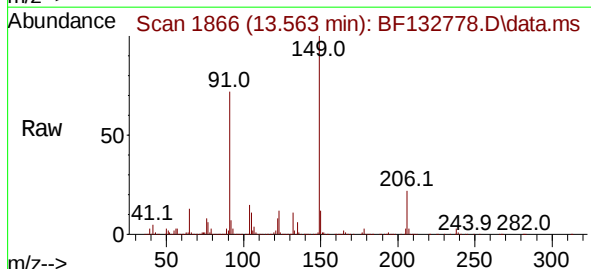
Tgt Ion:149 Resp: 662104

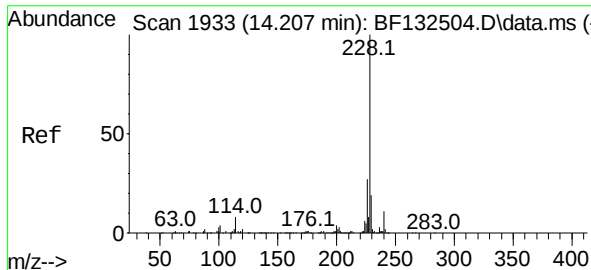
Ion Ratio Lower Upper

149 100

91 72.0 58.4 87.6

206 21.6 16.8 25.2



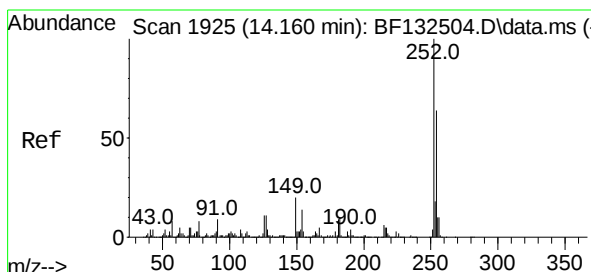
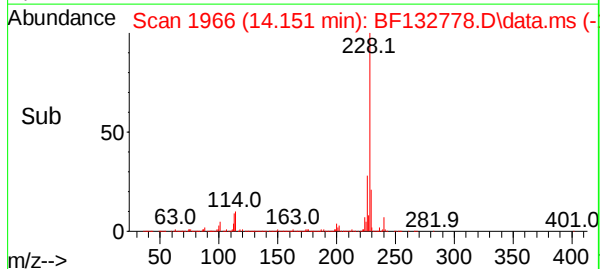
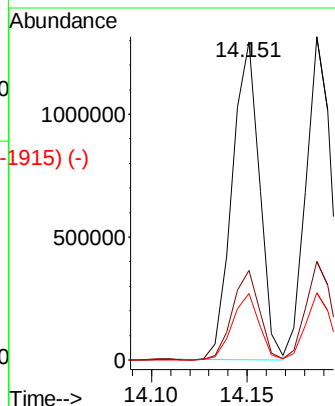
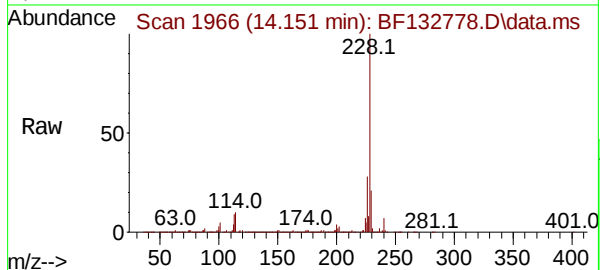


Benzo(a)anthracene
Concen: 41.434 ng
RT: 14.151 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:228 Resp: 1275008

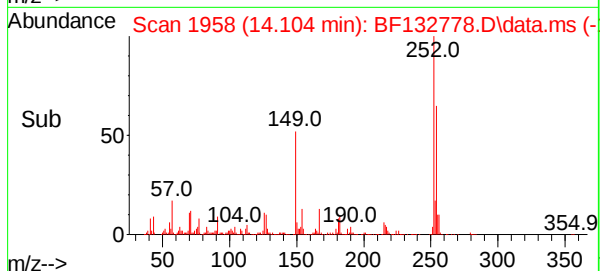
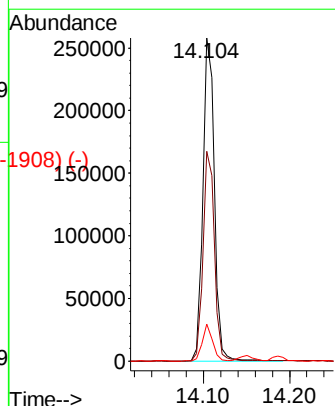
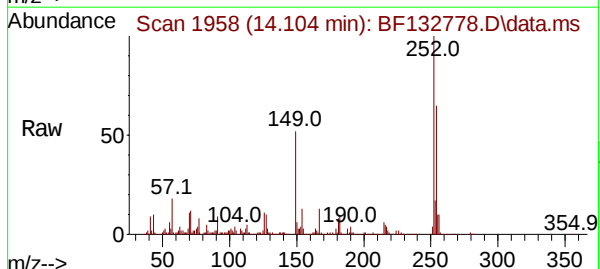
Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	21.0	15.4	23.2

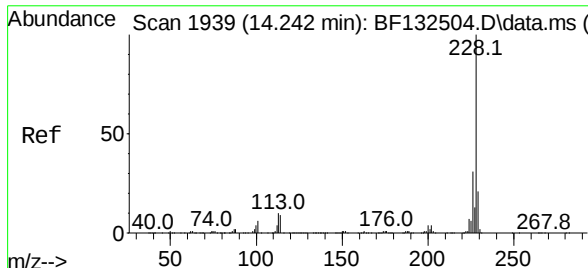


3,3'-Dichlorobenzidine
Concen: 26.021 ng
RT: 14.104 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:252 Resp: 236071

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.2
126	11.4	8.9	13.3

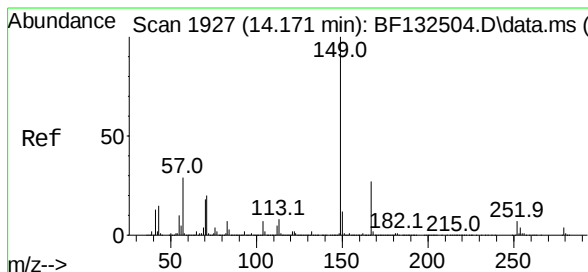
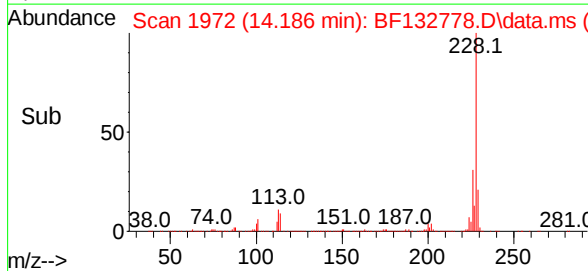
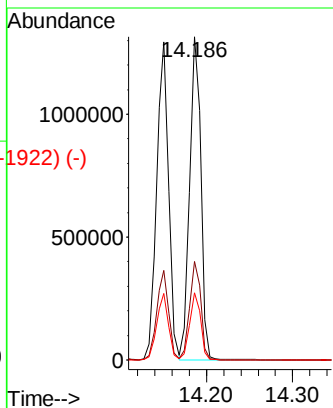
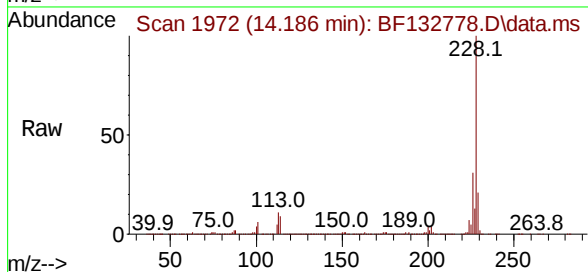




Scan 1939 (14.242 min): BF132504.D\data.ms (-1939)
 Chrysene
 Concen: 40.868 ng
 RT: 14.186 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

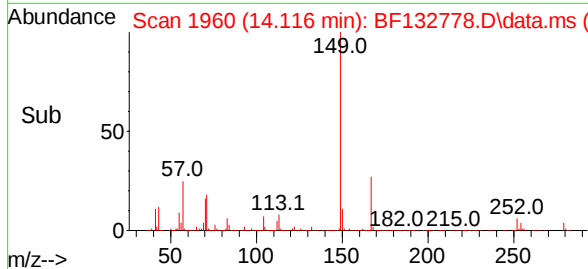
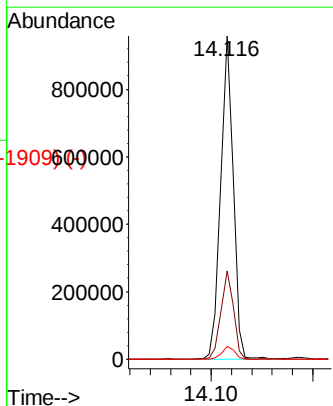
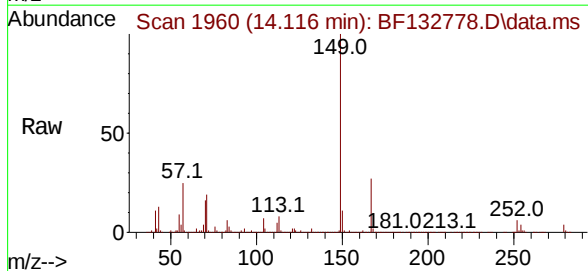
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

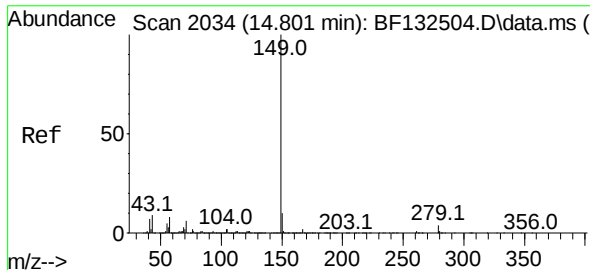
Tgt Ion:	228	Resp:	1175999
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.8	16.4	24.6



Scan 1927 (14.171 min): BF132504.D\data.ms (-1927)
 Bis(2-ethylhexyl)phthalate
 Concen: 45.755 ng
 RT: 14.116 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Tgt Ion:	149	Resp:	829360
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.0	3.0	4.6



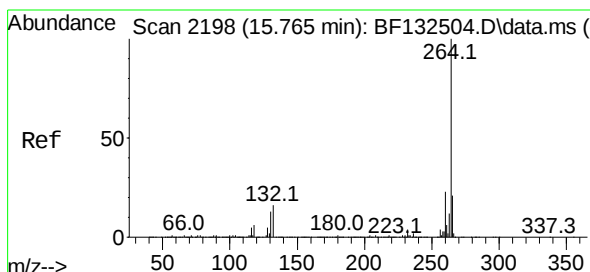
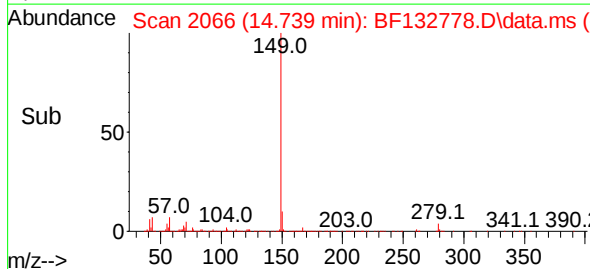
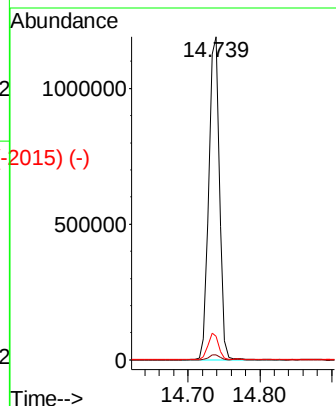
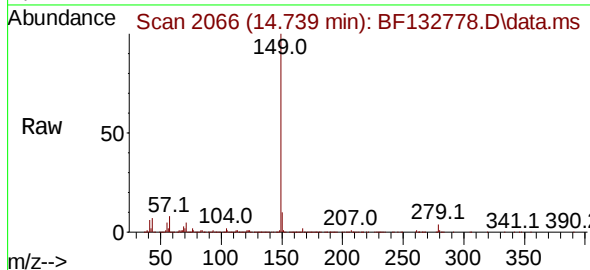


Scan 2034 (14.801 min): BF132504.D\data.ms (-2025)
 Di-n-octyl phthalate
 Concen: 46.515 ng
 RT: 14.739 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

Tgt Ion:149 Resp: 1232097

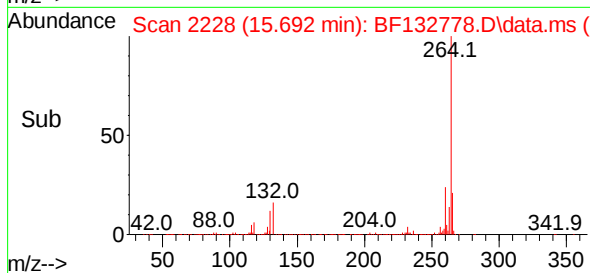
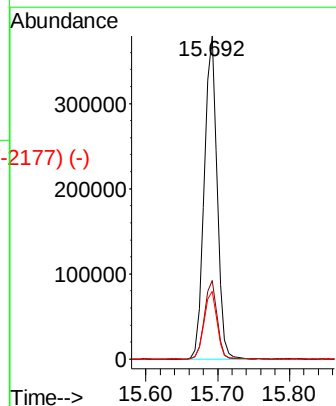
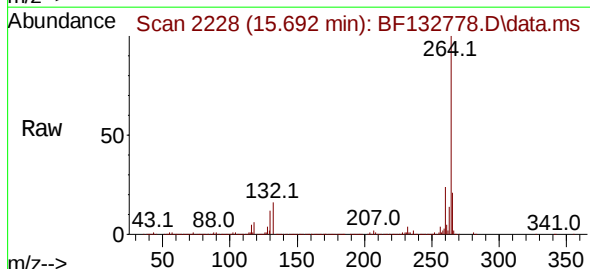
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	7.2	10.8

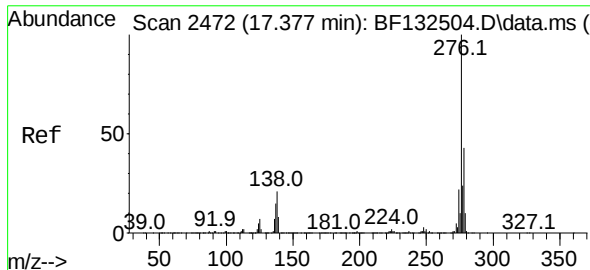


Scan 2198 (15.765 min): BF132504.D\data.ms (-2136)
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Tgt Ion:264 Resp: 469283

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.0	17.1	25.7

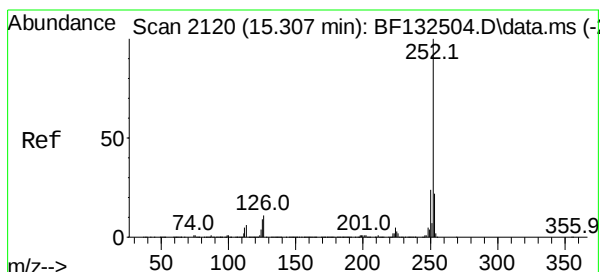
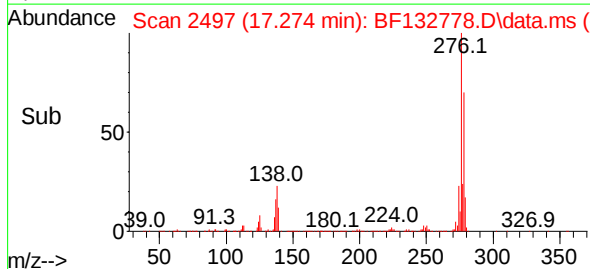
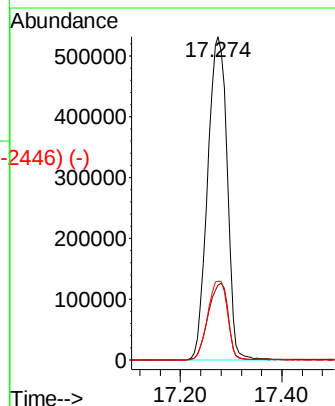
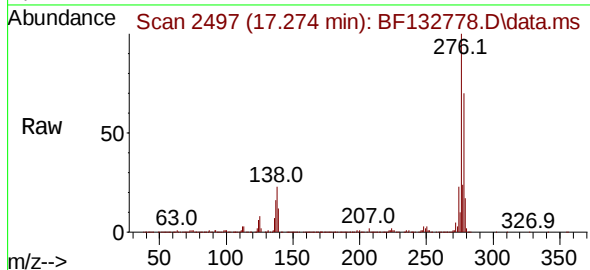




Indeno(1,2,3-cd)pyrene
Concen: 46.110 ng
RT: 17.274 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

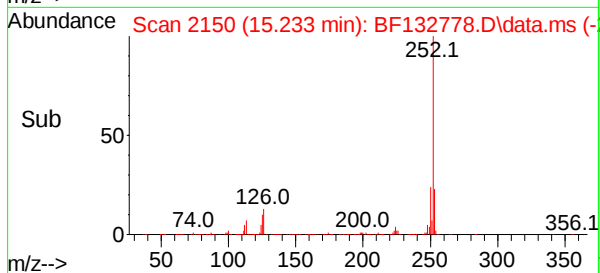
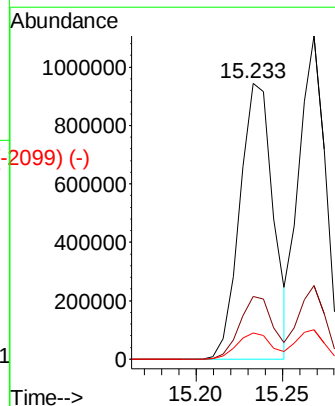
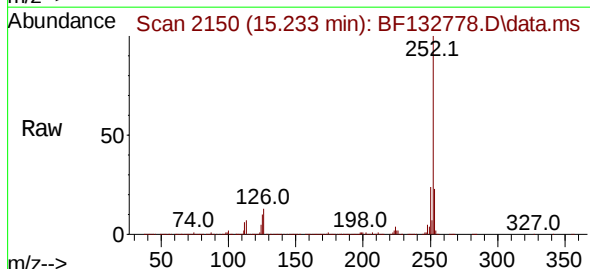
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

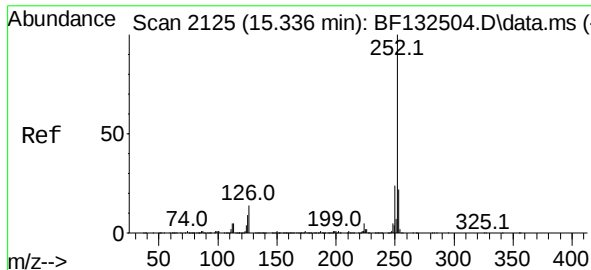
Tgt Ion:276 Resp: 1417869
Ion Ratio Lower Upper
276 100
138 24.4 19.0 28.4
277 24.9 20.0 30.0



Benzo(b)fluoranthene
Concen: 40.472 ng
RT: 15.233 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:252 Resp: 1272820
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.5 7.0 10.6

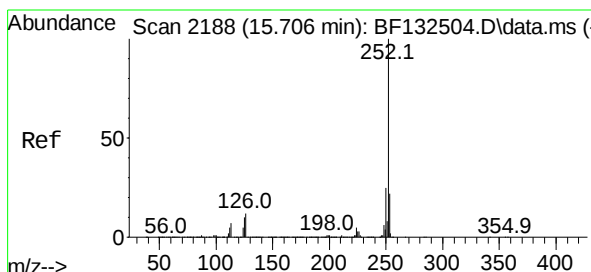
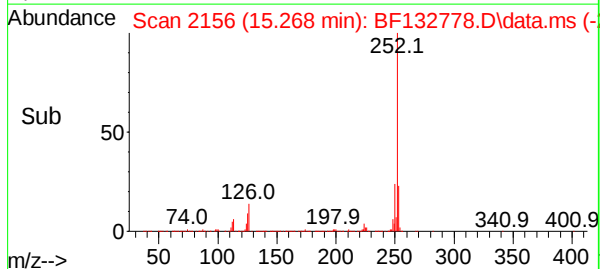
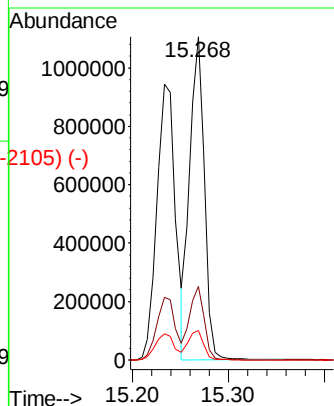
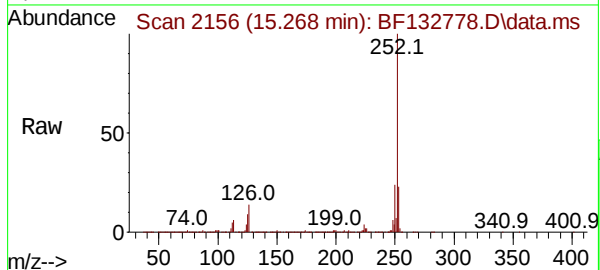




Benzo(k)fluoranthene
Concen: 38.732 ng
RT: 15.268 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

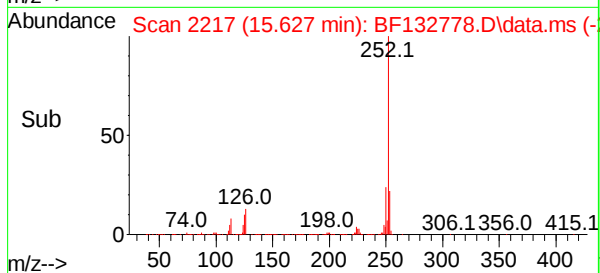
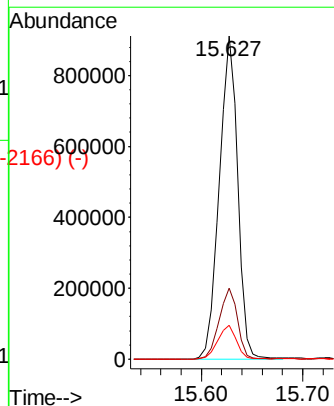
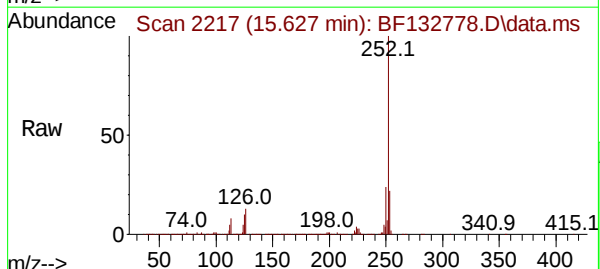
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

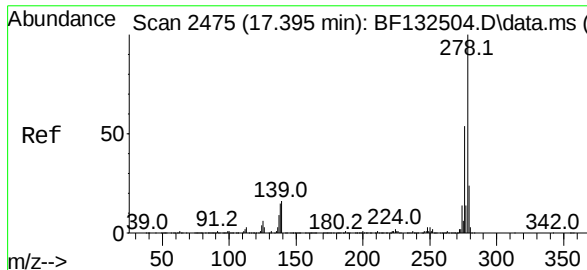
Tgt Ion:252 Resp: 1192126
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.1 7.2 10.8



Benzo(a)pyrene
Concen: 38.958 ng
RT: 15.627 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:252 Resp: 1146691
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.4 8.0 12.0

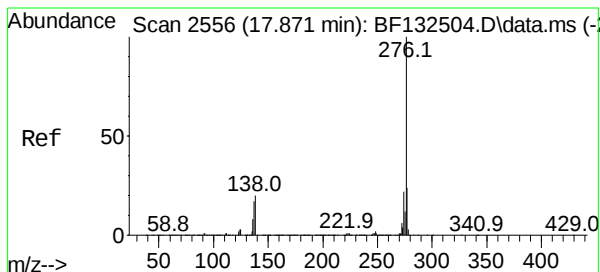
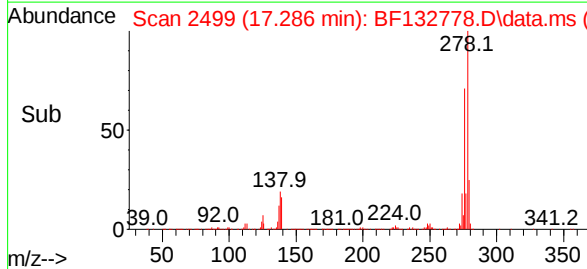
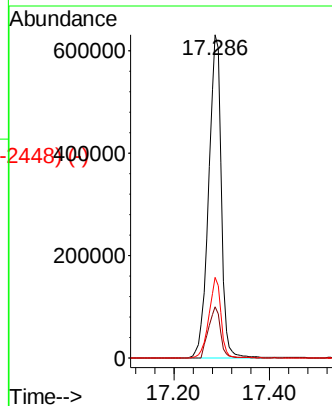
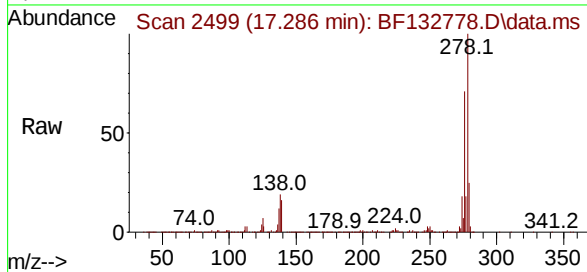




Dibenzo(a,h)anthracene
Concen: 45.980 ng
RT: 17.286 min Scan# 2491
Delta R.T. -0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

Tgt Ion:	278	Resp:	1151976
Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.4
279	25.0	19.0	28.4



Benzo(g,h,i)perylene
Concen: 40.728 ng
RT: 17.757 min Scan# 2579
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:	276	Resp:	1145984
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.6	16.2	24.4

