

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122608.D
 Acq On : 9 Dec 2020 12:30
 Operator : JU/CG
 Sample : L4468-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSD-SOILMS

Quant Time: Dec 09 13:54:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	176643	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	688638	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	364756	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	637185	20.00	ng	0.00
76) Chrysene-d12	14.010	240	453137	20.00	ng	0.00
86) Perylene-d12	15.468	264	447534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	854974	76.63	ng	0.00
7) Phenol-d6	6.475	99	1067050	72.11	ng	0.00
23) Nitrobenzene-d5	7.404	82	679810	49.46	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	250070	52.38	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1240986	46.02	ng	0.00
79) Terphenyl-d14	12.951	244	1191166	46.01	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	211416	40.31	ng	98
3) Pyridine	3.404	79	577757	41.68	ng	99
4) n-Nitrosodimethylamine	3.363	42	239991	43.17	ng	98
6) Aniline	6.498	93	324870	18.65	ng	# 92
8) 2-Chlorophenol	6.628	128	546369	44.43	ng	96
9) Benzaldehyde	6.387	77	254455	28.41	ng	99
10) Phenol	6.487	94	672053	43.83	ng	92
11) bis(2-Chloroethyl)ether	6.575	93	526383	44.93	ng	100
12) 1,3-Dichlorobenzene	6.781	146	597947	41.09	ng	98
13) 1,4-Dichlorobenzene	6.857	146	602702	41.08	ng	98
14) 1,2-Dichlorobenzene	7.010	146	575117	40.61	ng	99
15) Benzyl Alcohol	6.987	79	459639	45.11	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	664816	39.80	ng	99
17) 2-Methylphenol	7.098	107	442641	45.28	ng	98
18) Hexachloroethane	7.351	117	217162	41.53	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	358929	42.34	ng	98
20) 3+4-Methylphenols	7.251	107	512093	41.47	ng	# 89
22) Acetophenone	7.251	105	682637	39.87	ng	97
24) Nitrobenzene	7.422	77	561526	41.07	ng	99
25) Isophorone	7.663	82	994631	42.02	ng	100
26) 2-Nitrophenol	7.739	139	246277	36.93	ng	97
27) 2,4-Dimethylphenol	7.781	122	467034	47.78	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	638607	39.39	ng	100
29) 2,4-Dichlorophenol	7.986	162	448657	39.31	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	501356	38.77	ng	98
31) Naphthalene	8.145	128	1540678	40.54	ng	100
32) Benzoic acid	7.781	122	467034	59.97	ng	# 13
33) 4-Chloroaniline	8.192	127	182243	11.47	ng	98
34) Hexachlorobutadiene	8.263	225	297836	37.42	ng	98
35) Caprolactam	8.569	113	105586	30.71	ng	98
36) 4-Chloro-3-methylphenol	8.681	107	450849	40.10	ng	97
37) 2-Methylnaphthalene	8.839	142	1028118	40.90	ng	99
38) 1-Methylnaphthalene	8.939	142	948900	39.90	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	479914	39.72	ng	99
41) Hexachlorocyclopentadiene	8.992	237	512837	96.01	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	275440	33.01	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122608.D
 Acq On : 9 Dec 2020 12:30
 Operator : JU/CG
 Sample : L4468-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSD-SOILMS

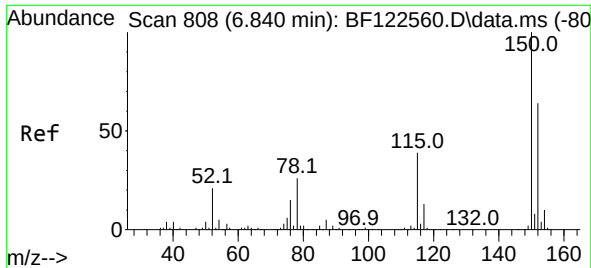
Quant Time: Dec 09 13:54:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	291155	33.76	ng	97
46) 1,1'-Biphenyl	9.304	154	1218007	40.24	ng	98
47) 2-Chloronaphthalene	9.328	162	963695	38.42	ng	99
48) 2-Nitroaniline	9.422	65	285577	39.05	ng	90
49) Acenaphthylene	9.745	152	1482945	40.03	ng	100
50) Dimethylphthalate	9.604	163	1199220	41.17	ng	99
51) 2,6-Dinitrotoluene	9.669	165	257920	41.92	ng	97
52) Acenaphthene	9.916	154	885100	36.93	ng	99
53) 3-Nitroaniline	9.833	138	156744	22.05	ng	98
54) 2,4-Dinitrophenol	9.945	184	12659	4.21	ng	93
55) Dibenzofuran	10.086	168	1344467	39.88	ng	100
56) 4-Nitrophenol	9.998	139	274377	54.13	ng	91
57) 2,4-Dinitrotoluene	10.069	165	329663	40.23	ng	98
58) Fluorene	10.427	166	1010798	37.69	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	200608	26.47	ng	100
60) Diethylphthalate	10.304	149	1082243	38.20	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	493458	37.37	ng	98
62) 4-Nitroaniline	10.445	138	261048	36.18	ng	96
63) Azobenzene	10.580	77	1027605	39.46	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	21816	5.61	ng	90
66) n-Nitrosodiphenylamine	10.539	169	928828	41.25	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	337827	39.13	ng	96
68) Hexachlorobenzene	10.980	284	370888	38.86	ng	96
69) Atrazine	11.069	200	256013	35.01	ng	99
70) Pentachlorophenol	11.174	266	187754	37.13	ng	99
71) Phenanthrene	11.392	178	1497736	39.55	ng	100
72) Anthracene	11.445	178	1547601	41.21	ng	100
73) Carbazole	11.598	167	1358560	39.89	ng	100
74) Di-n-butylphthalate	11.927	149	1604999	37.51	ng	99
75) Fluoranthene	12.580	202	1505527	37.91	ng	99
77) Benzidine	12.698	184	233683	23.84	ng	# 89
78) Pyrene	12.810	202	1486802	42.44	ng	100
80) Butylbenzylphthalate	13.427	149	627181	39.74	ng	95
81) Benzo(a)anthracene	13.998	228	1214805	40.11	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	161941	14.93	ng	98
83) Chrysene	14.033	228	1208418	40.10	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	808449	37.41	ng	99
85) Di-n-octyl phthalate	14.598	149	1325283	36.97	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1362816	46.39	ng	99
88) Benzo(b)fluoranthene	15.045	252	1215086	38.70	ng	99
89) Benzo(k)fluoranthene	15.074	252	1165882	40.61	ng	98
90) Benzo(a)pyrene	15.410	252	1071573	39.01	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1110860	46.20	ng	100
92) Benzo(g,h,i)perylene	17.374	276	1205381	51.80	ng	99

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

Quant Time: Dec 09 13:54:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

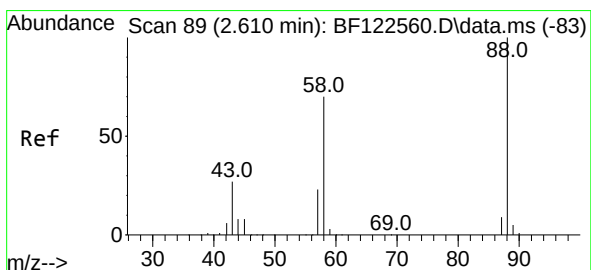
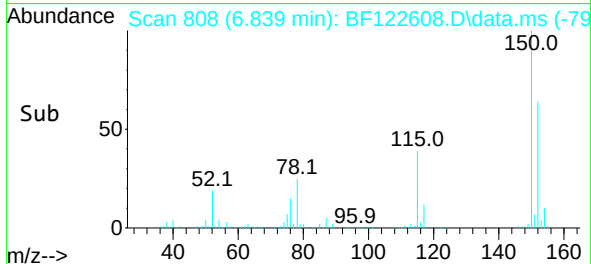
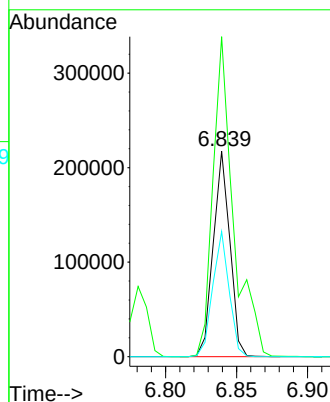
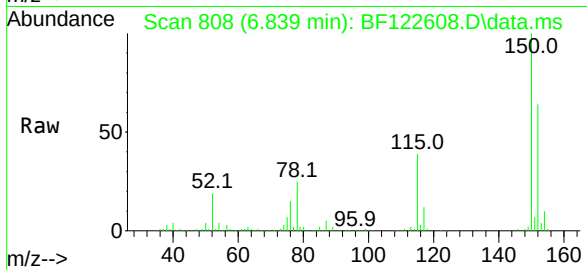




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

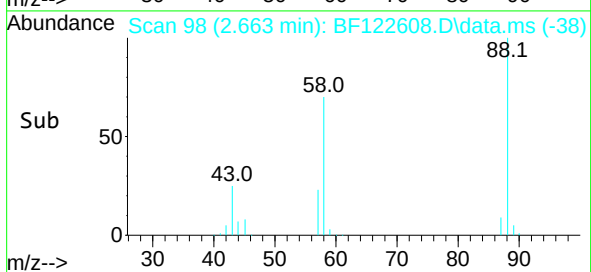
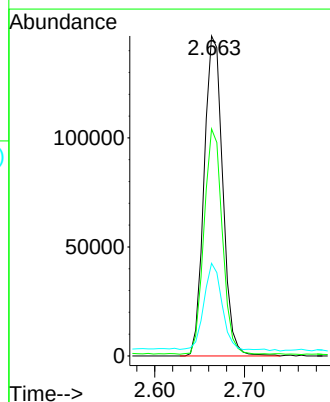
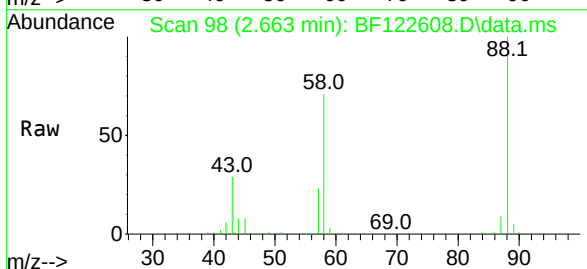
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

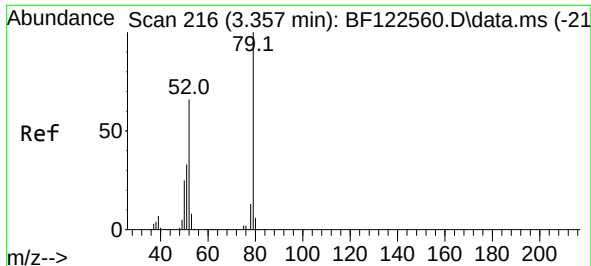
Tgt Ion:152 Resp: 176643
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 60.9 49.3 73.9



#2
1,4-Dioxane
Concen: 40.31 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.053 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 88 Resp: 211416
Ion Ratio Lower Upper
88 100
58 68.8 56.2 84.2
43 27.8 21.8 32.6

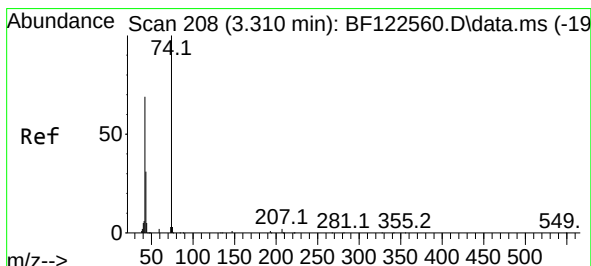
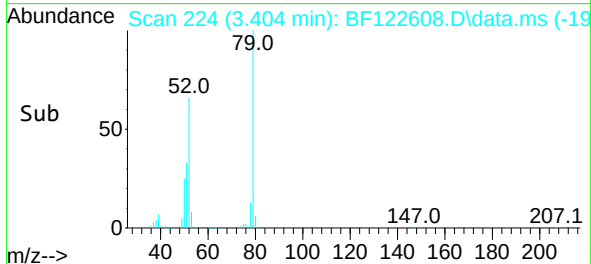
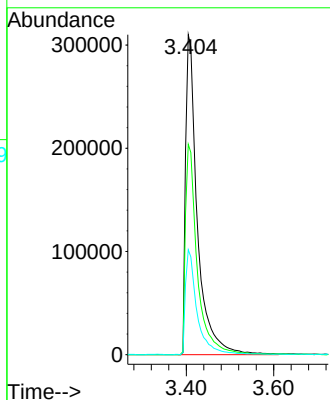
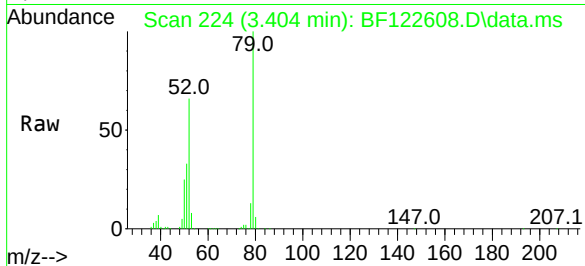




#3
Pyridine
Concen: 41.68 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.047 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

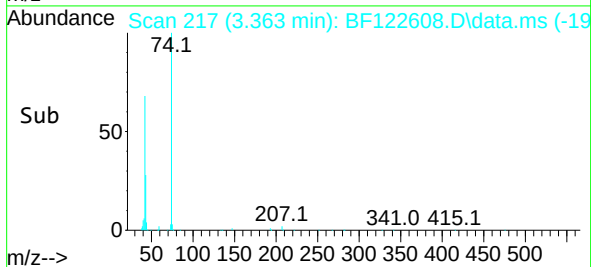
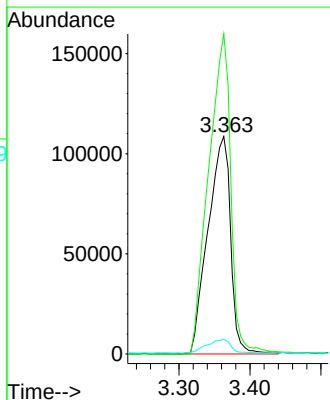
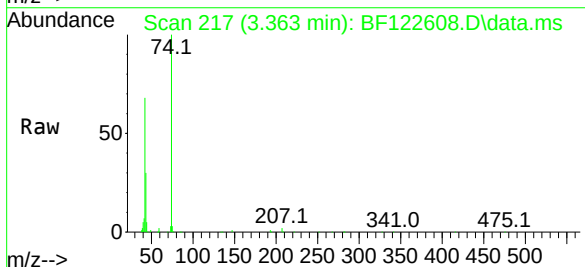
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

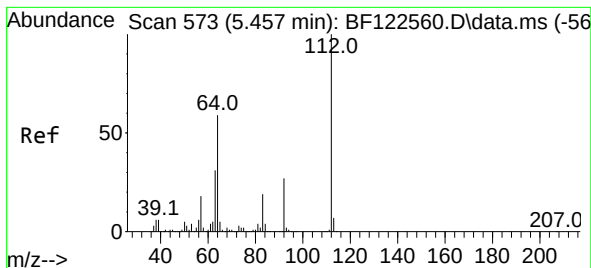
Tgt Ion: 79 Resp: 577757
Ion Ratio Lower Upper
79 100
52 65.8 53.0 79.4
51 32.8 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 43.17 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.053 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 42 Resp: 239991
Ion Ratio Lower Upper
42 100
74 147.1 115.2 172.8
44 6.8 5.4 8.0

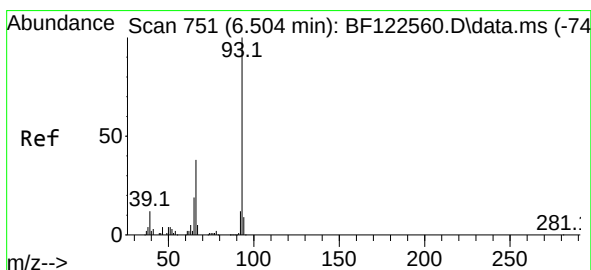
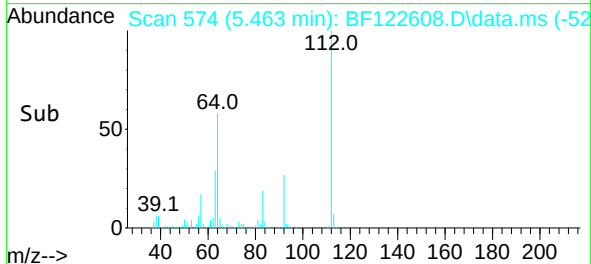
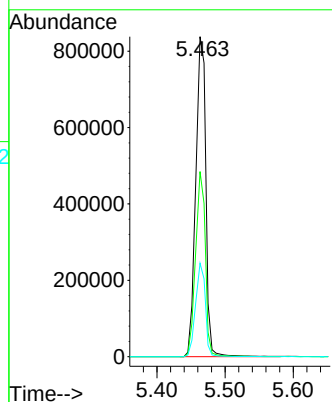
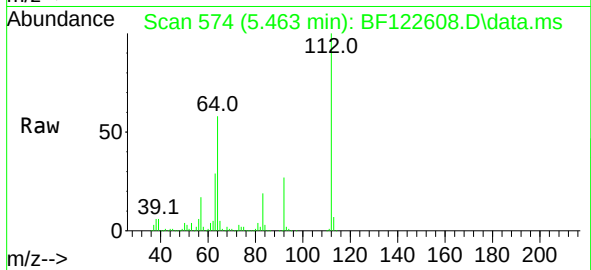




#5
2-Fluorophenol
Concen: 76.63 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

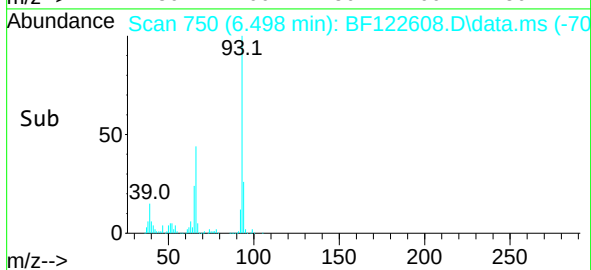
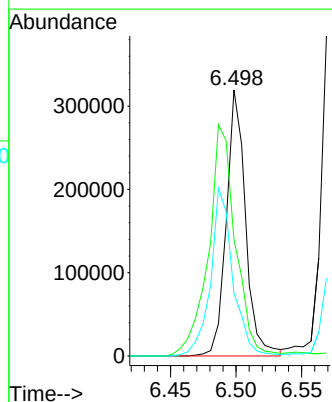
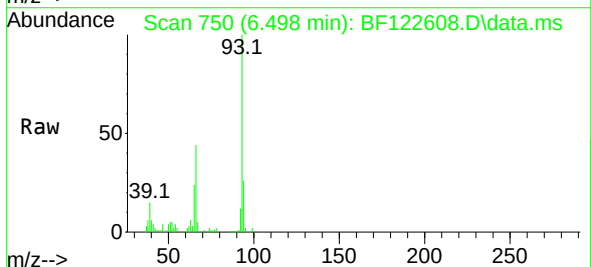
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

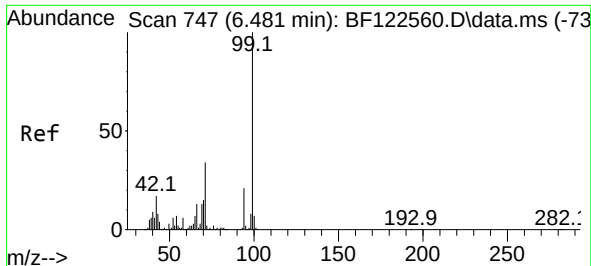
Tgt Ion:112 Resp: 854974
Ion Ratio Lower Upper
112 100
64 57.9 46.9 70.3
63 29.2 24.5 36.7



#6
Aniline
Concen: 18.65 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 93 Resp: 324870
Ion Ratio Lower Upper
93 100
66 43.8 31.3 46.9
65 23.5 15.6 23.4#

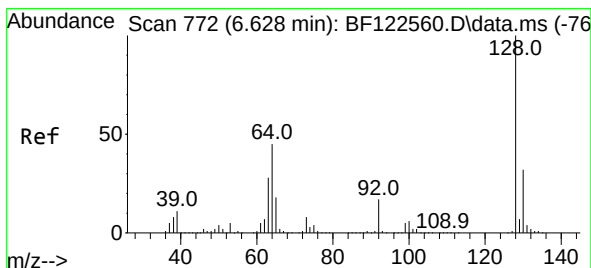
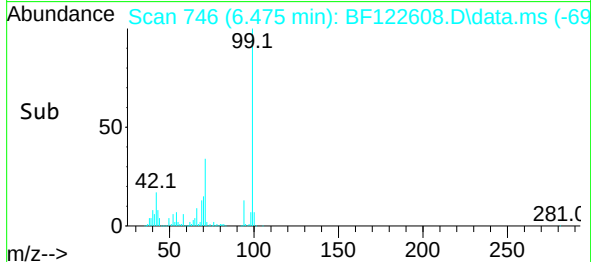
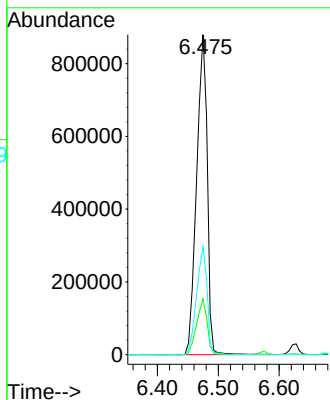
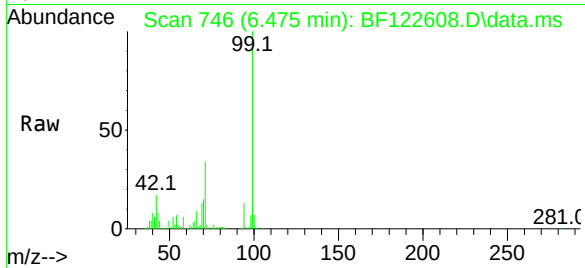




#7
Phenol-d6
Concen: 72.11 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

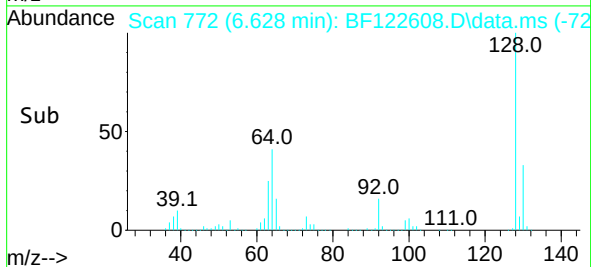
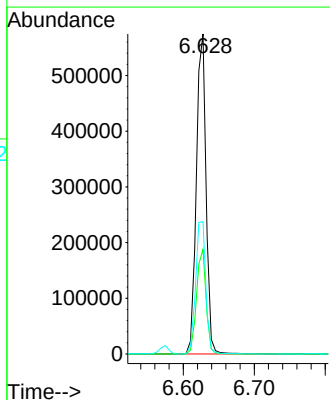
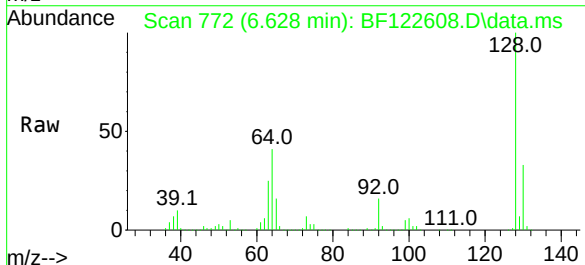
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

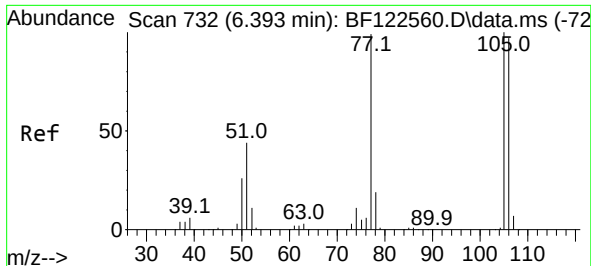
Tgt Ion: 99 Resp: 1067050
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.6
71 33.6 26.9 40.3



#8
2-Chlorophenol
Concen: 44.43 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 128 Resp: 546369
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 41.4 25.5 65.5

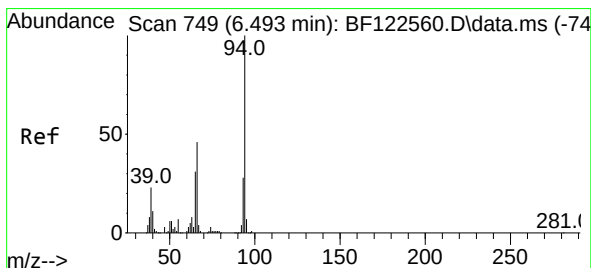
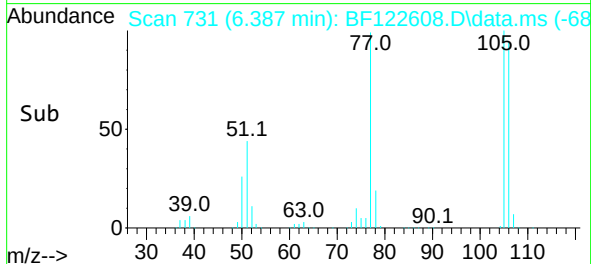
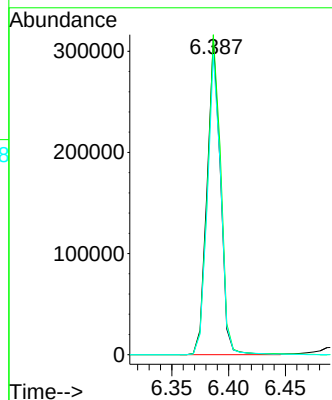
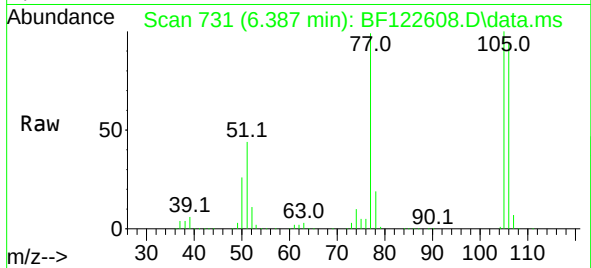




#9
Benzaldehyde
Concen: 28.41 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

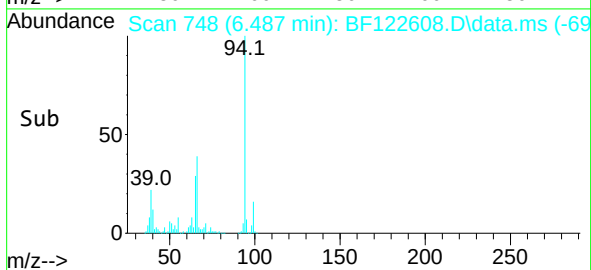
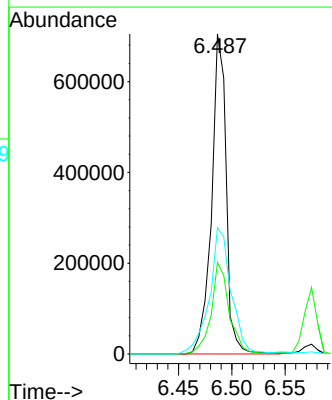
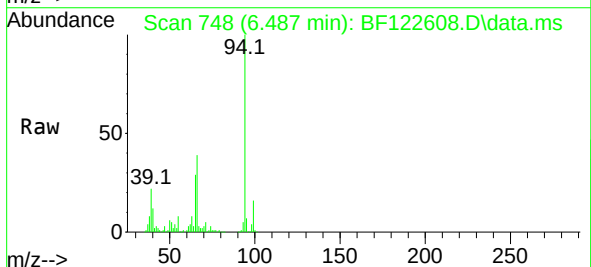
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

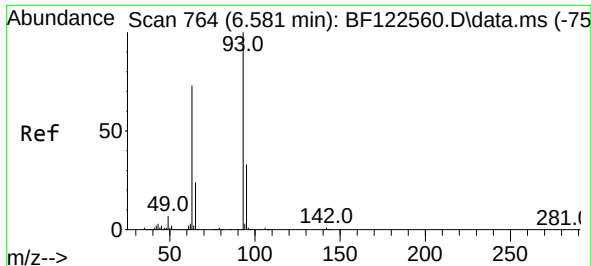
Tgt Ion: 77 Resp: 254455
Ion Ratio Lower Upper
77 100
105 101.1 80.6 120.6
106 94.9 77.2 117.2



#10
Phenol
Concen: 43.83 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 94 Resp: 672053
Ion Ratio Lower Upper
94 100
65 28.6 11.2 51.2
66 39.4 25.8 65.8

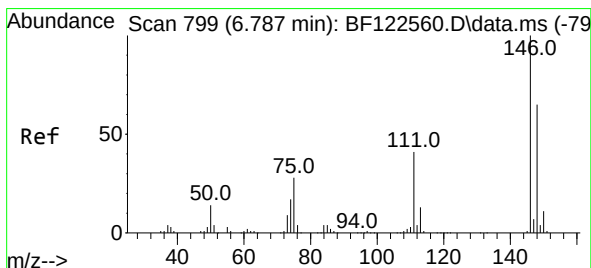
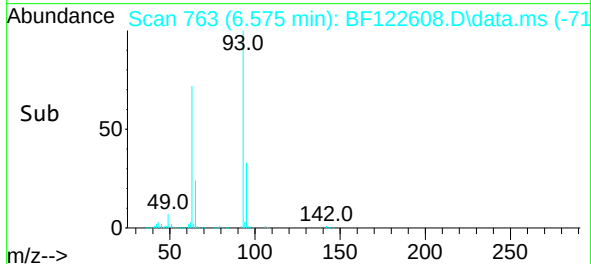
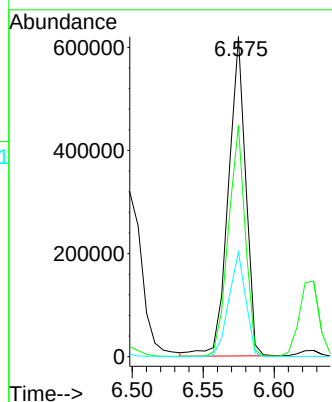
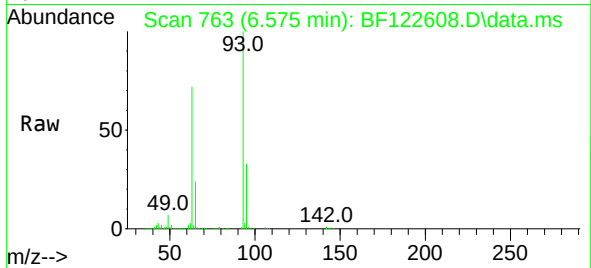




#11
bis(2-Chloroethyl)ether
Concen: 44.93 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

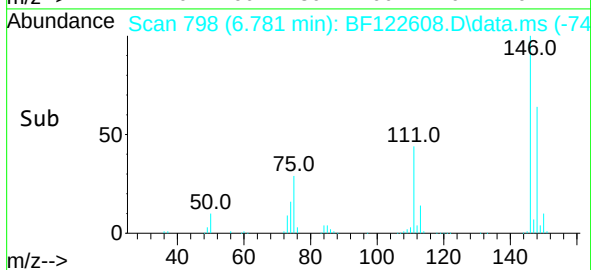
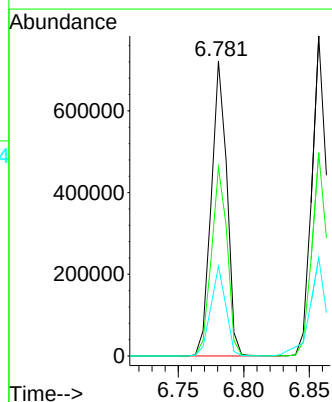
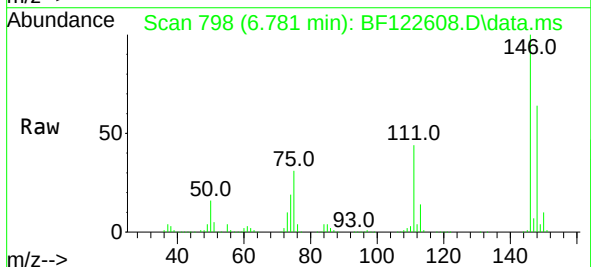
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

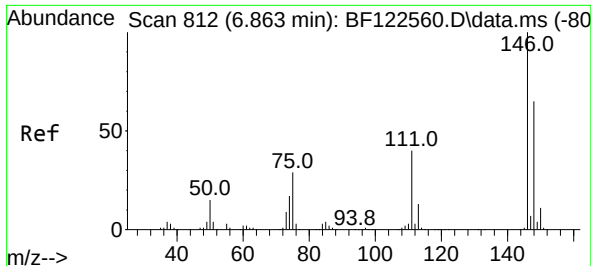
Tgt Ion: 93 Resp: 526383
Ion Ratio Lower Upper
93 100
63 72.3 52.6 92.6
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.09 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:146 Resp: 597947
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 30.5 22.5 33.7

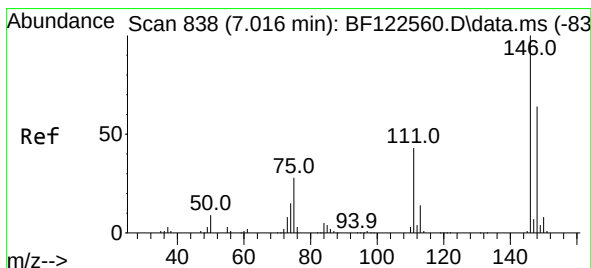
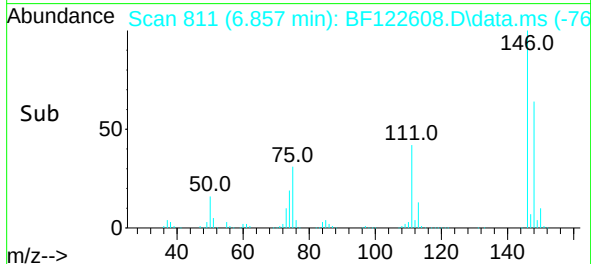
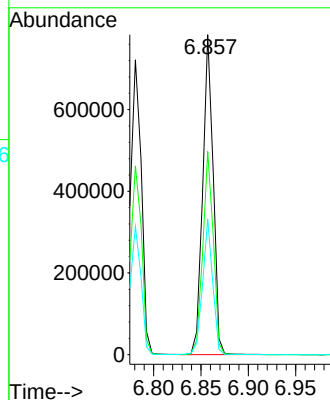
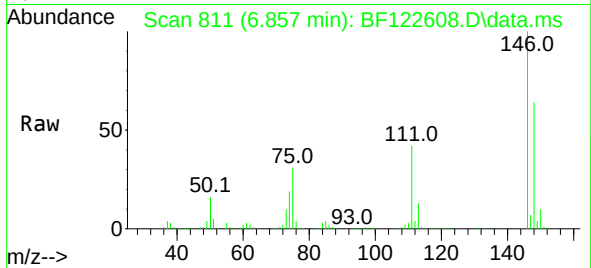




#13
1,4-Dichlorobenzene
Concen: 41.08 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

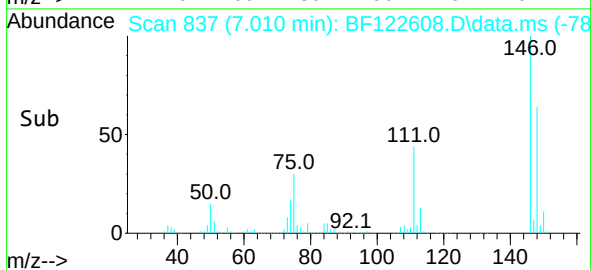
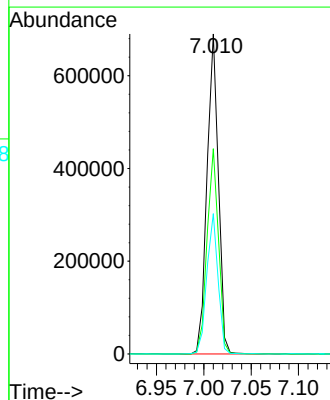
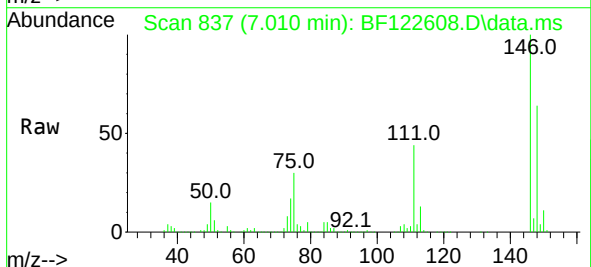
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

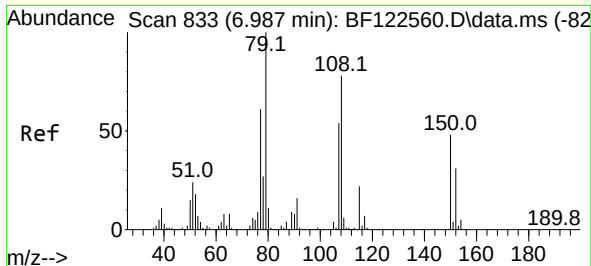
Tgt Ion:146 Resp: 602702
Ion Ratio Lower Upper
146 100
148 63.5 52.0 78.0
111 42.4 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 40.61 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

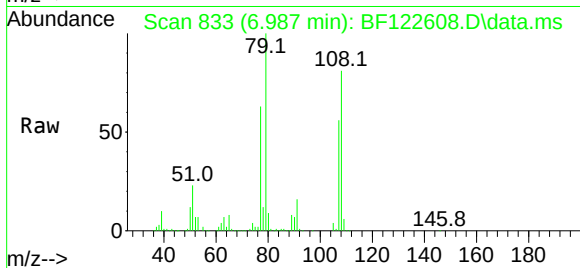
Tgt Ion:146 Resp: 575117
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 43.9 34.2 51.2



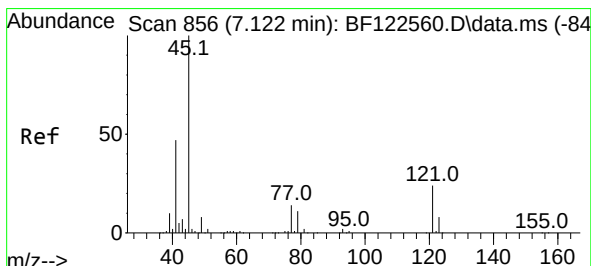
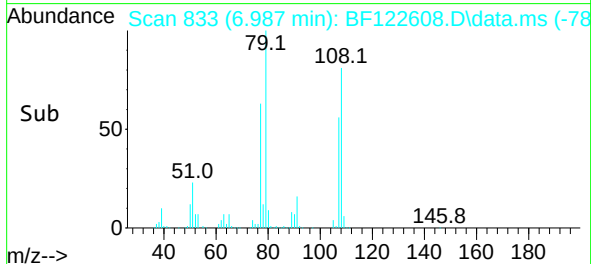
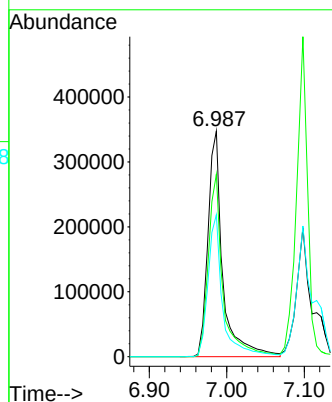


#15
Benzyl Alcohol
Concen: 45.11 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

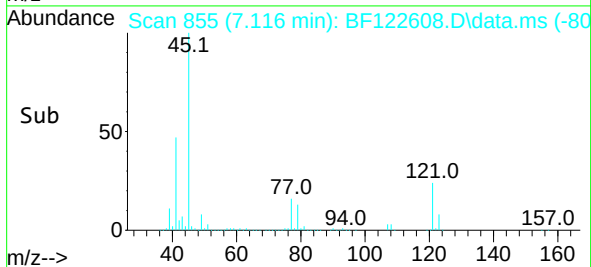
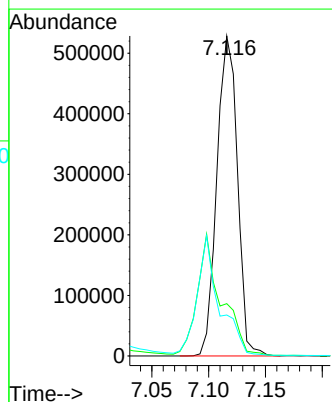
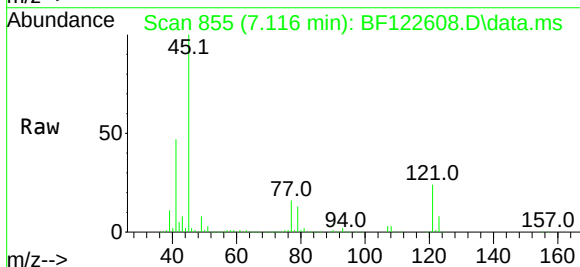


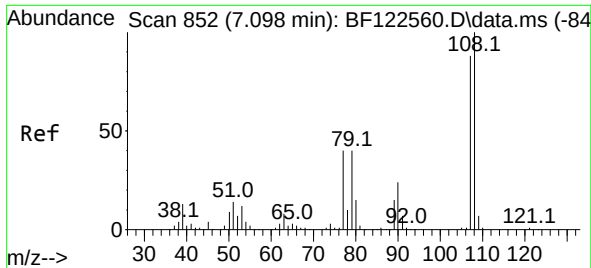
Tgt Ion: 79 Resp: 459639
Ion Ratio Lower Upper
79 100
108 80.8 62.4 93.6
77 62.9 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.80 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 45 Resp: 664816
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 12.8 0.0 32.4



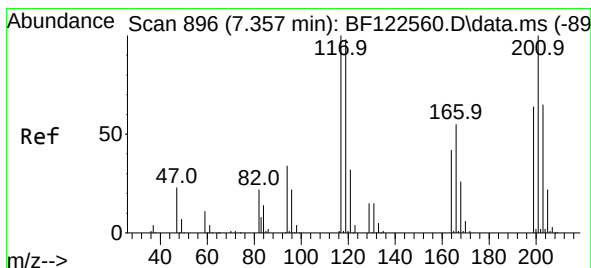
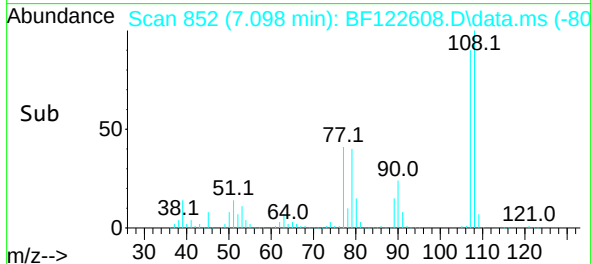
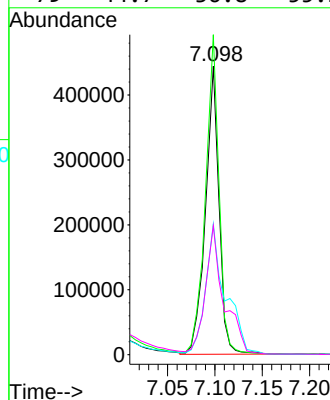
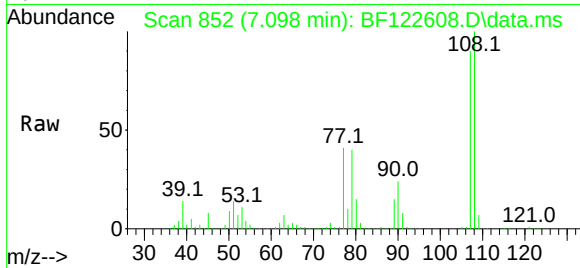


#17
2-Methylphenol
Concen: 45.28 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

Tgt Ion:107 Resp: 442641

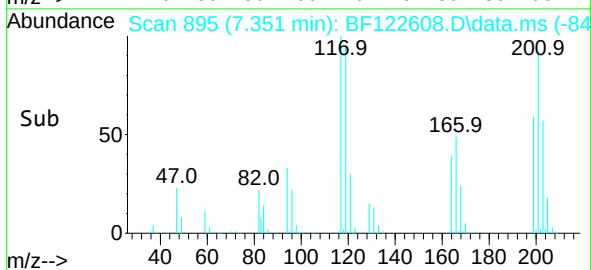
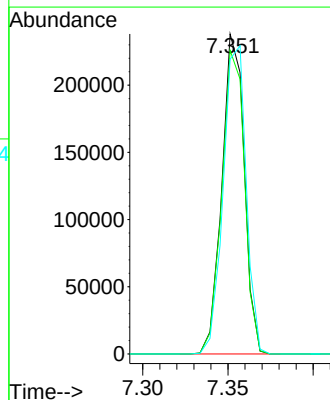
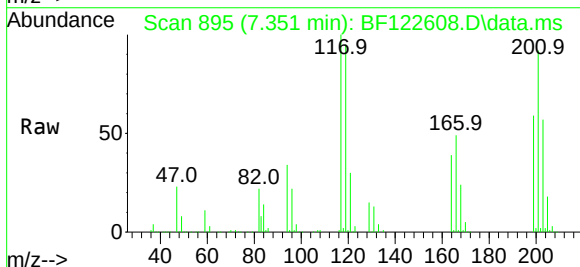
Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.1	136.7
77	45.3	36.3	54.5
79	44.7	36.8	55.2

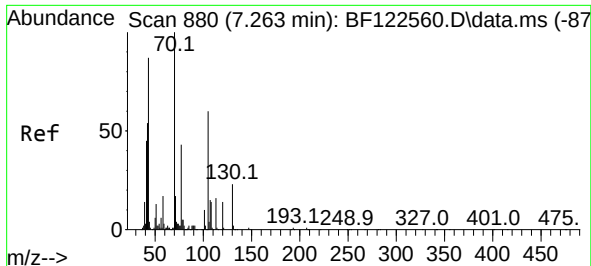


#18
Hexachloroethane
Concen: 41.53 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:117 Resp: 217162

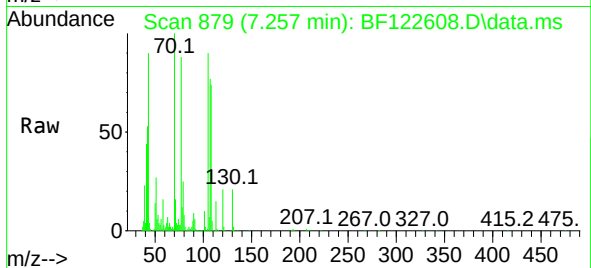
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.4	117.6
201	92.1	79.6	119.4



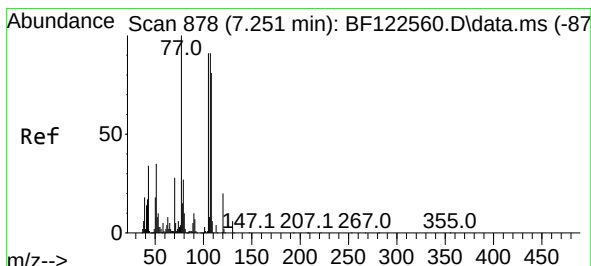
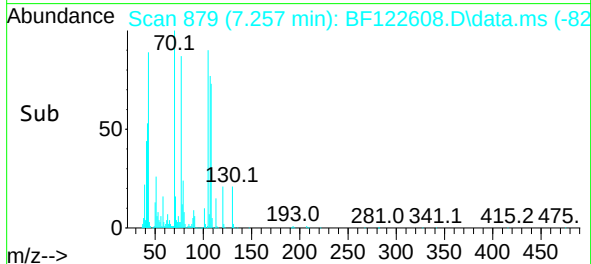
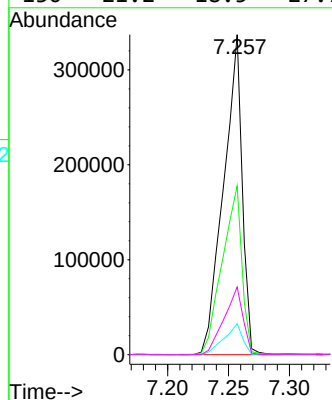


#19
n-Nitroso-di-n-propylamine
Concen: 42.34 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

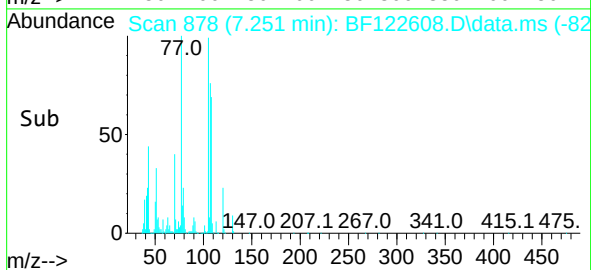
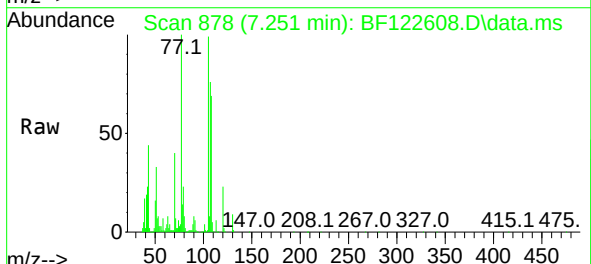
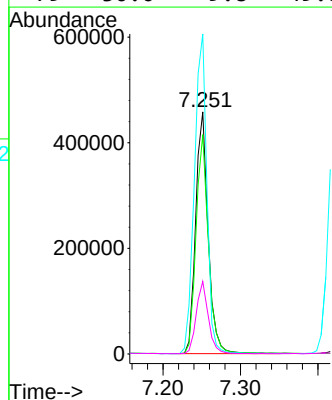


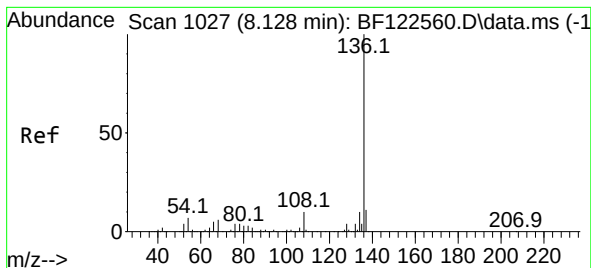
Tgt Ion:	70	Resp:	358929
Ion Ratio	Lower	Upper	
70	100		
42	52.7	43.0	64.4
101	9.7	7.9	11.9
130	21.2	18.5	27.7



#20
3+4-Methylphenols
Concen: 41.47 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

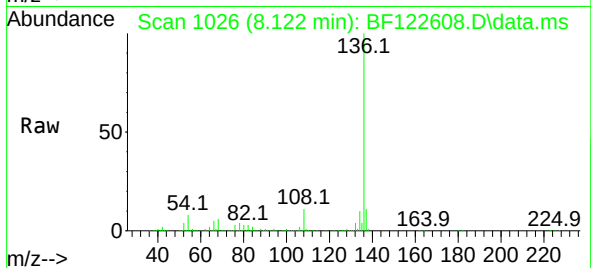
Tgt Ion:	107	Resp:	512093
Ion Ratio	Lower	Upper	
107	100		
108	90.6	68.7	108.7
77	132.2	89.8	129.8#
79	30.0	9.8	49.8



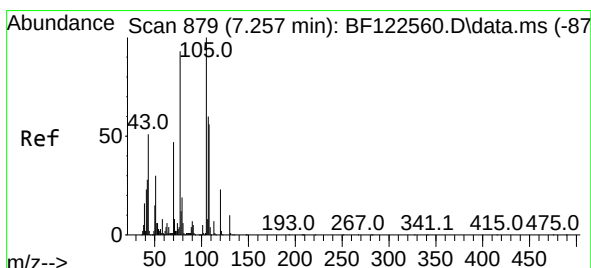
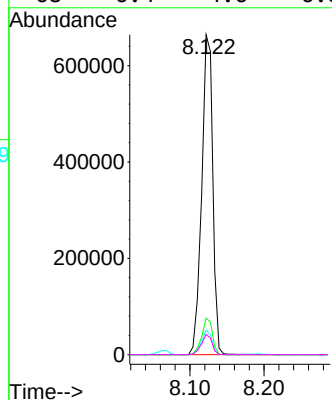
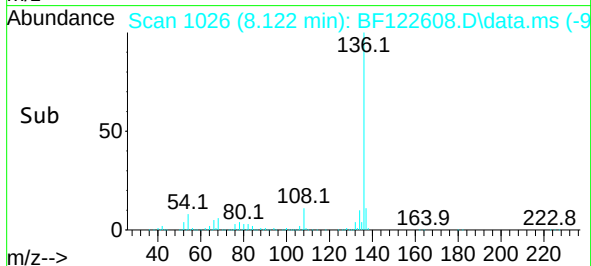


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

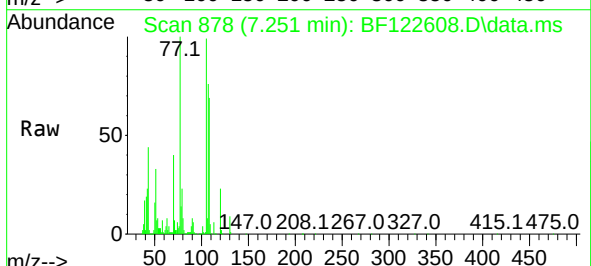
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS



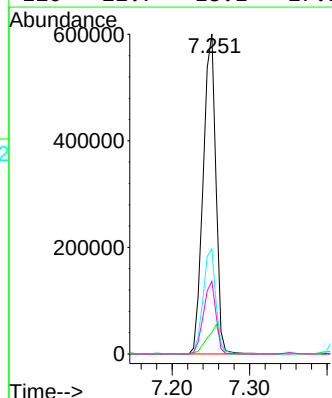
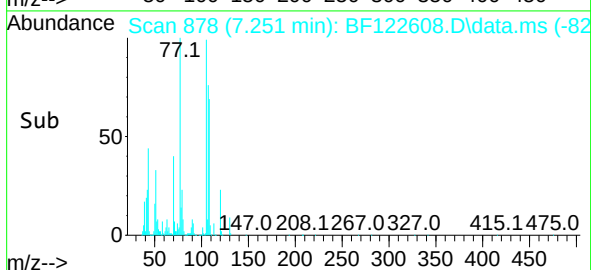
Tgt Ion:	136	Resp:	688638
Ion Ratio	100	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.7	5.5	8.3
68	6.4	4.6	6.8

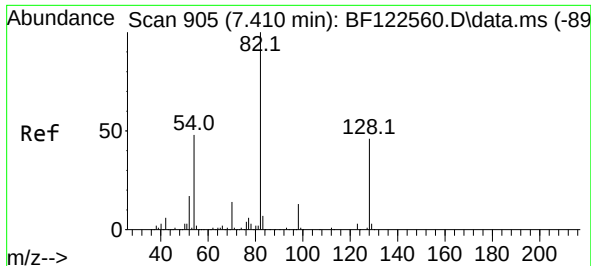


#22
Acetophenone
Concen: 39.87 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30



Tgt Ion:	105	Resp:	682637
Ion Ratio	100	Lower	Upper
105	100		
71	6.7	6.5	9.7
51	32.9	24.3	36.5
120	22.7	18.1	27.1

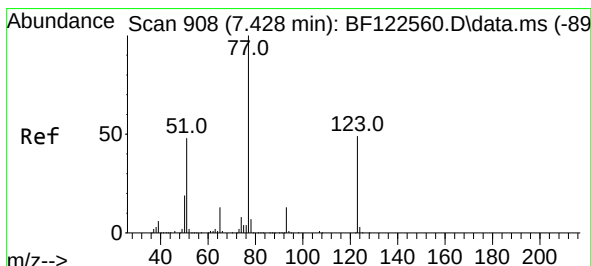
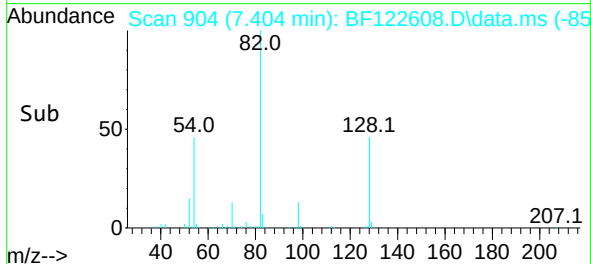
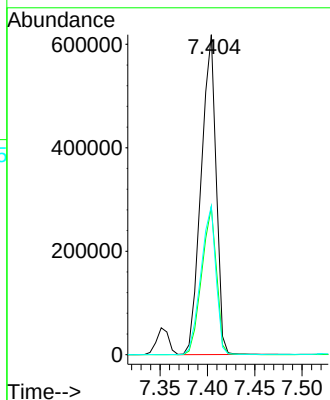
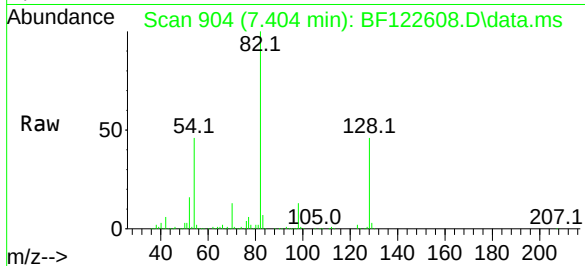




#23
Nitrobenzene-d5
Concen: 49.46 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

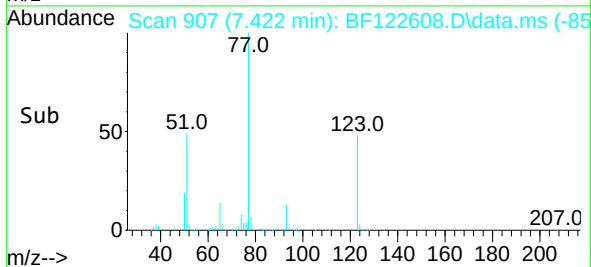
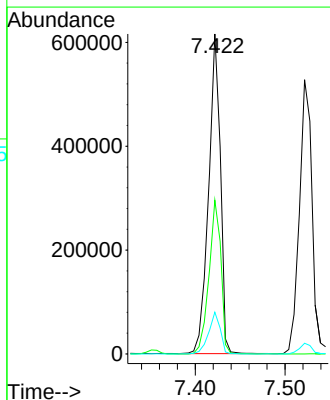
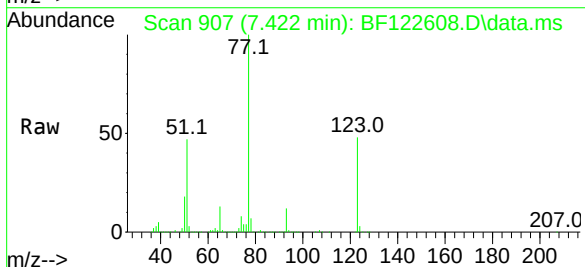
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

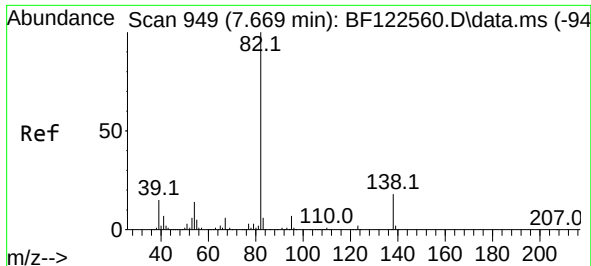
Tgt Ion: 82 Resp: 679810
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 46.4 38.4 57.6



#24
Nitrobenzene
Concen: 41.07 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

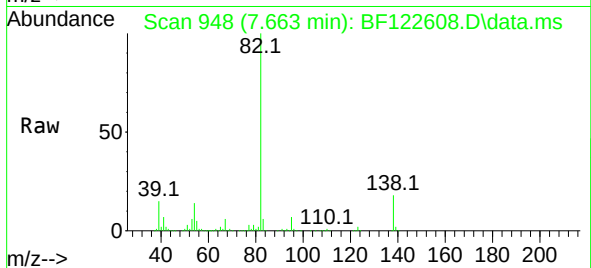
Tgt Ion: 77 Resp: 561526
Ion Ratio Lower Upper
77 100
123 48.1 39.3 58.9
65 13.0 10.6 15.8



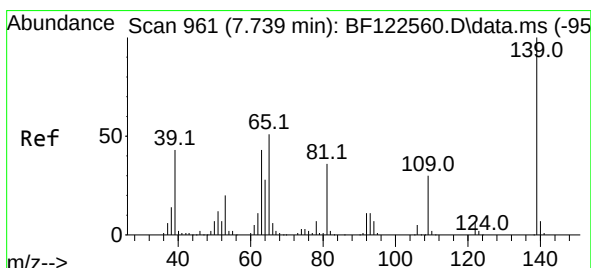
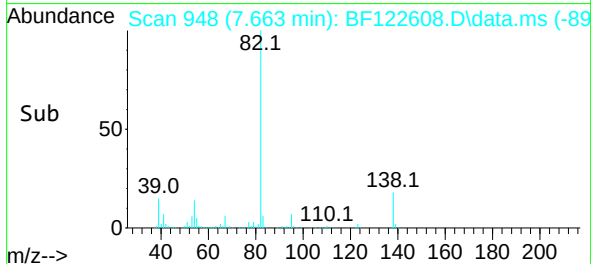
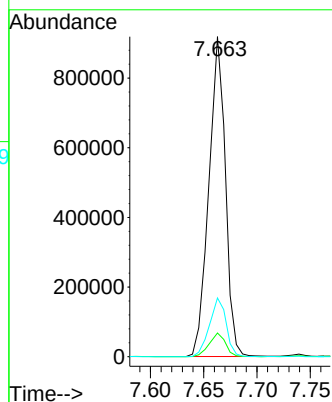


#25
Isophorone
Concen: 42.02 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

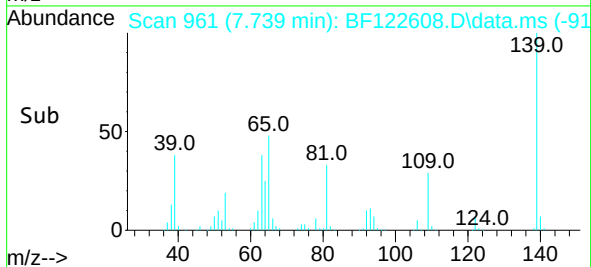
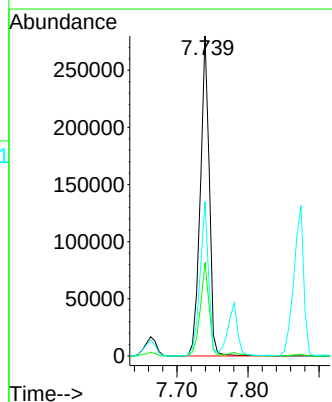
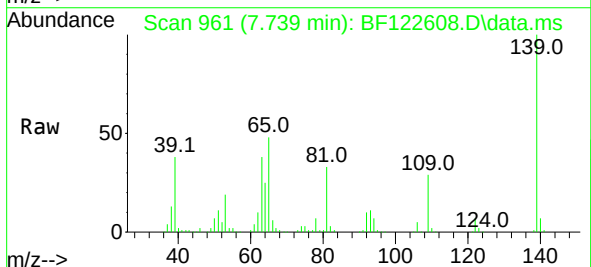


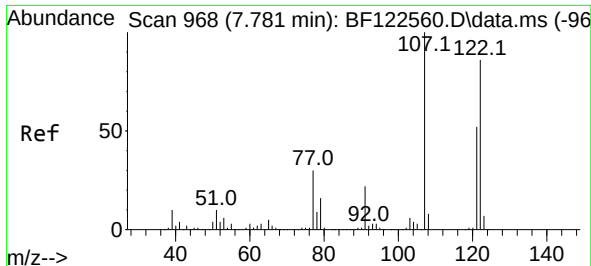
Tgt Ion: 82 Resp: 994631
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 36.93 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 139 Resp: 246277
Ion Ratio Lower Upper
139 100
109 29.3 24.0 36.0
65 48.3 40.9 61.3

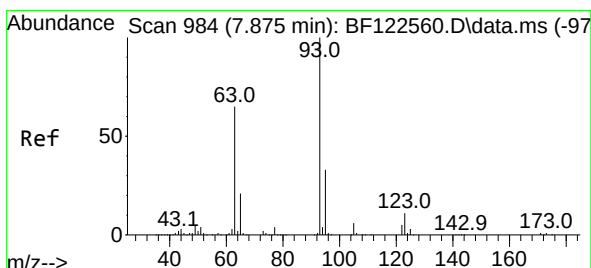
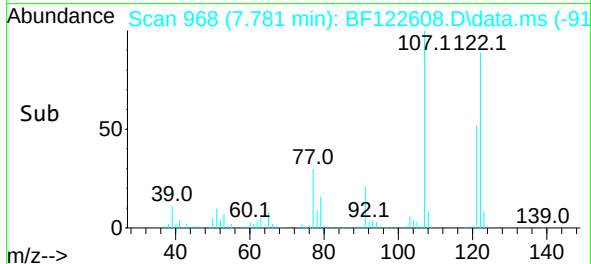
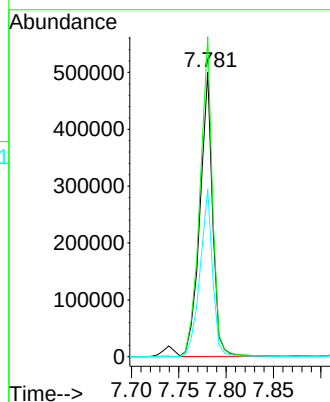
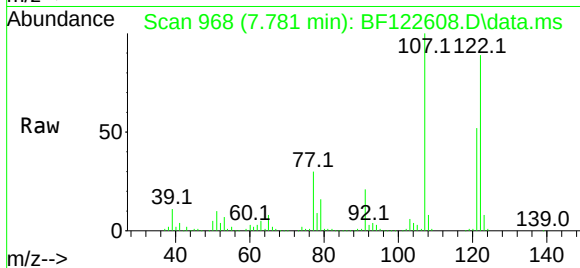




#27
2,4-Dimethylphenol
Concen: 47.78 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

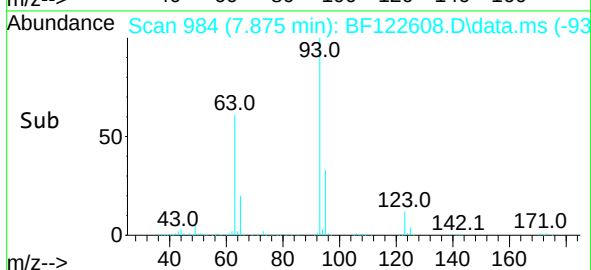
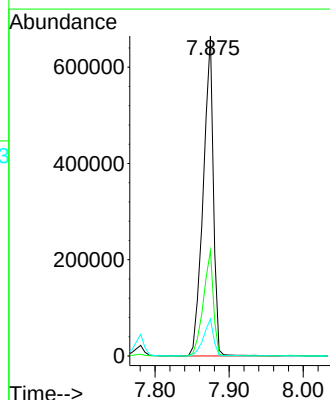
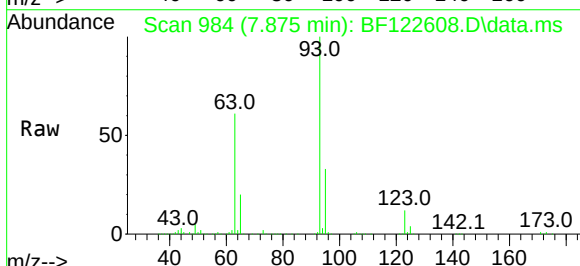
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

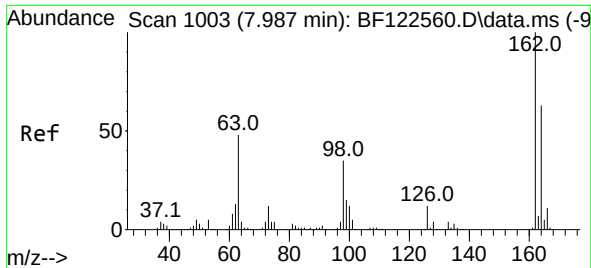
Tgt Ion:122	Resp: 467034
Ion Ratio	Lower Upper
122	100
107	112.5 91.8 137.8
121	58.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.39 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 93	Resp: 638607
Ion Ratio	Lower Upper
93	100
95	33.0 26.2 39.2
123	11.6 9.2 13.8

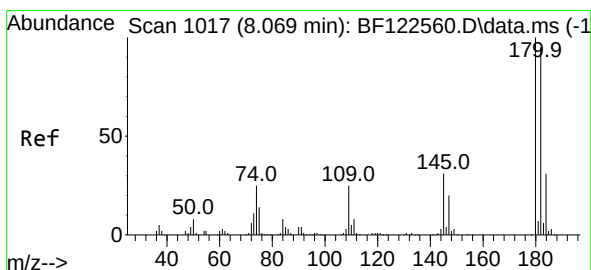
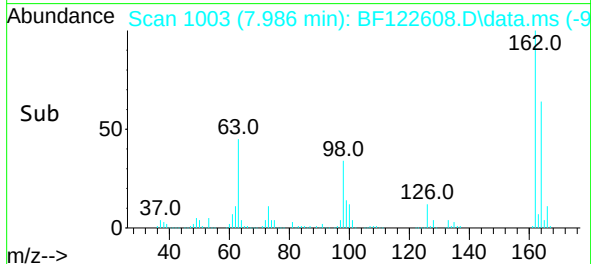
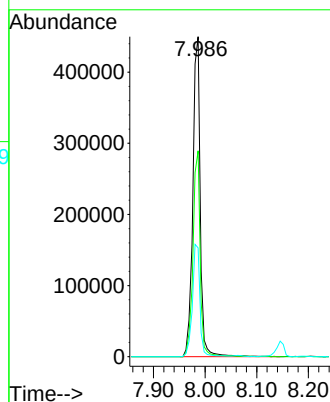
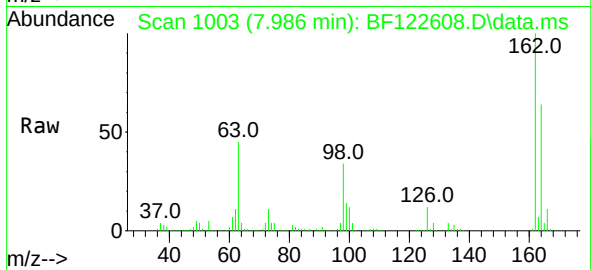




#29
2,4-Dichlorophenol
Concen: 39.31 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

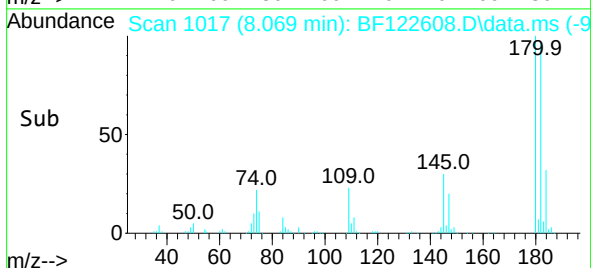
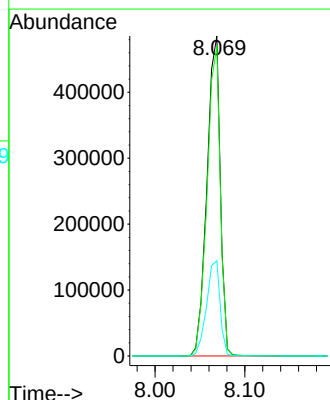
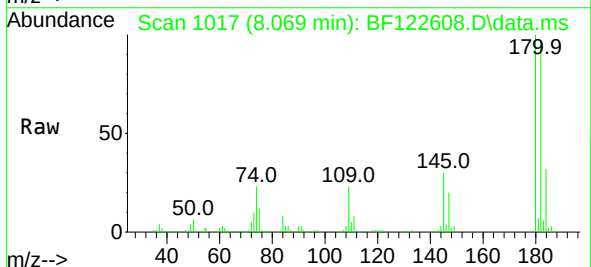
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

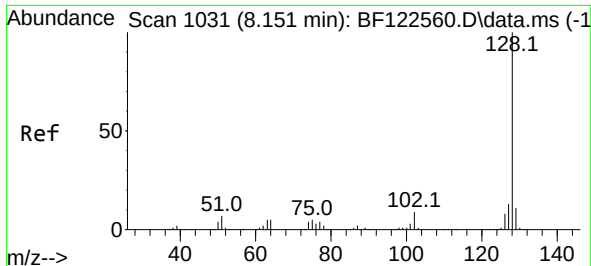
Tgt Ion:162 Resp: 448657
Ion Ratio Lower Upper
162 100
164 64.4 43.2 83.2
98 34.0 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 38.77 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:180 Resp: 501356
Ion Ratio Lower Upper
180 100
182 96.8 75.7 113.5
145 29.8 25.0 37.4

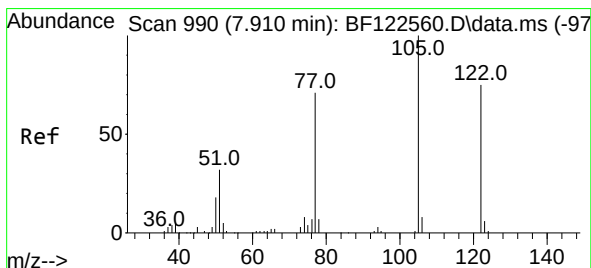
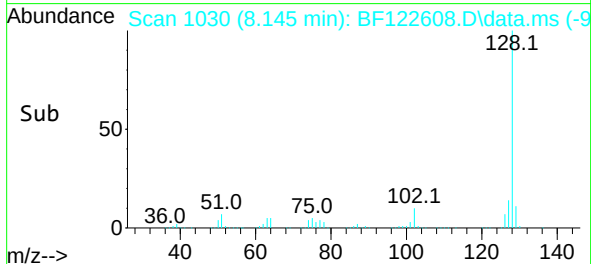
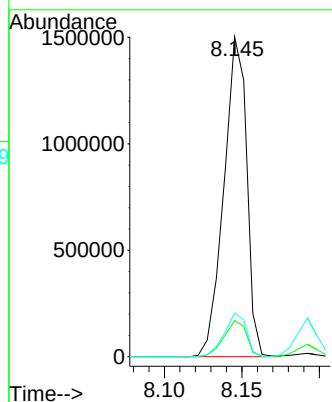
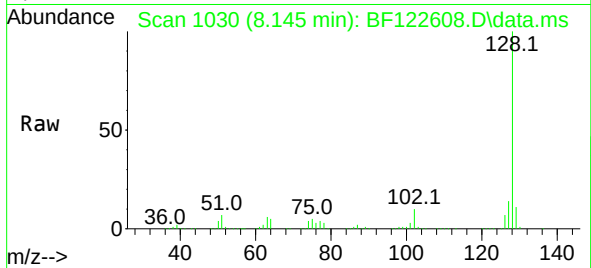




#31
Naphthalene
Concen: 40.54 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

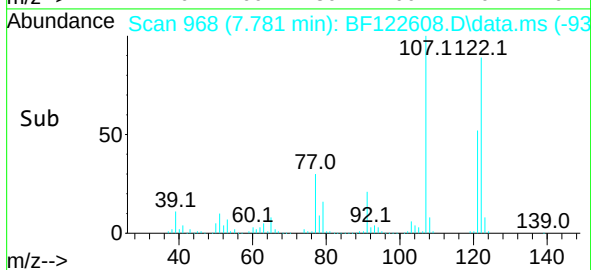
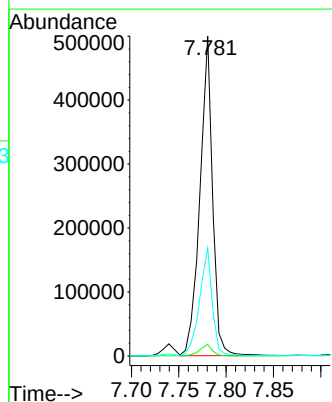
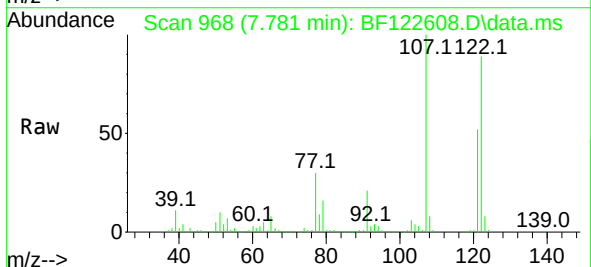
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

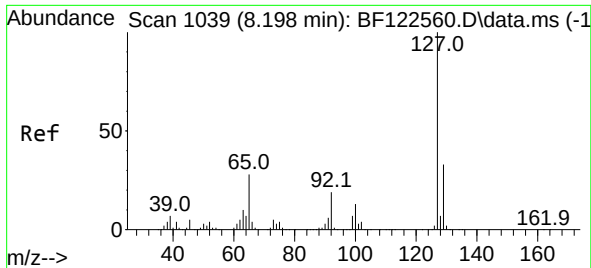
Tgt Ion:128 Resp: 1540678
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 59.97 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.129 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:122 Resp: 467034
Ion Ratio Lower Upper
122 100
105 3.6 104.8 144.8#
77 33.7 71.0 111.0#

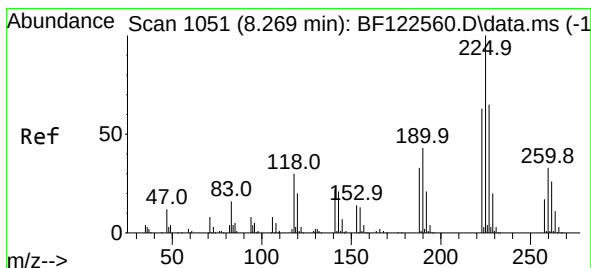
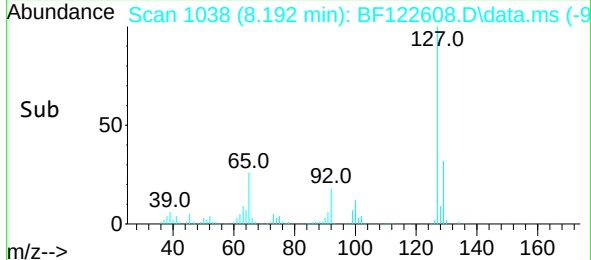
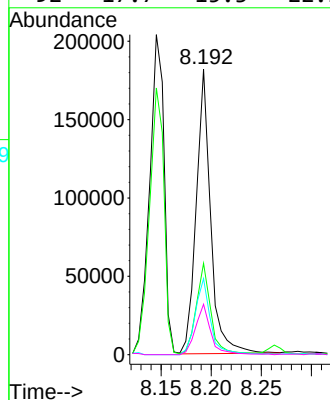
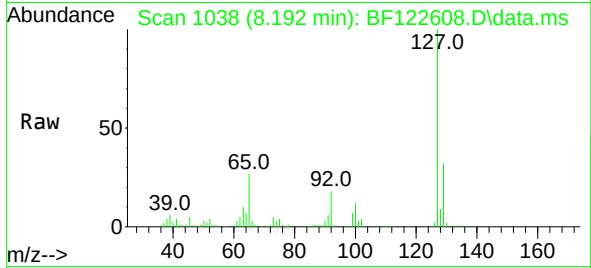




#33
4-Chloroaniline
Concen: 11.47 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

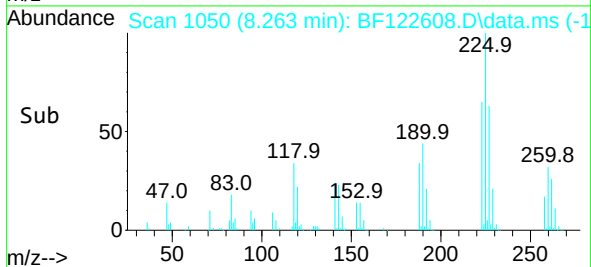
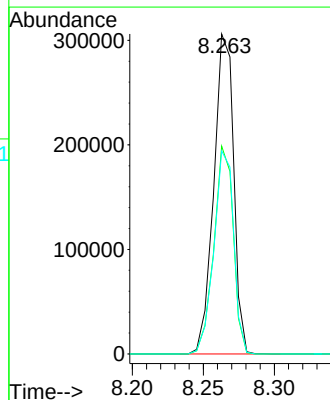
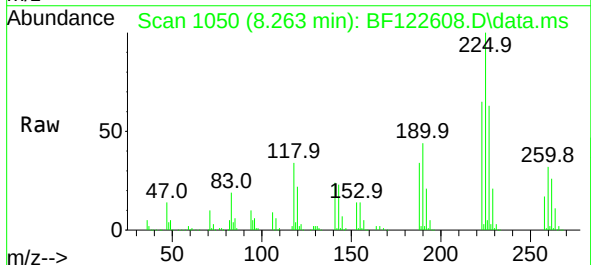
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

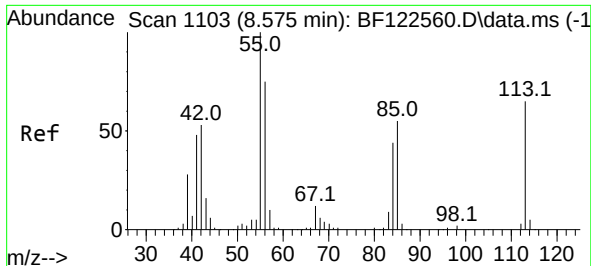
Tgt Ion:127	Resp: 182243
Ion Ratio	Lower Upper
127 100	
129 32.0	26.2 39.2
65 26.6	22.2 33.2
92 17.7	15.3 22.9



#34
Hexachlorobutadiene
Concen: 37.42 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt	Ion:225	Resp:	297836
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.7	76.1
227	63.5	51.7	77.5

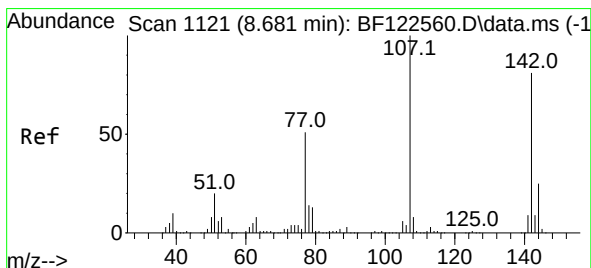
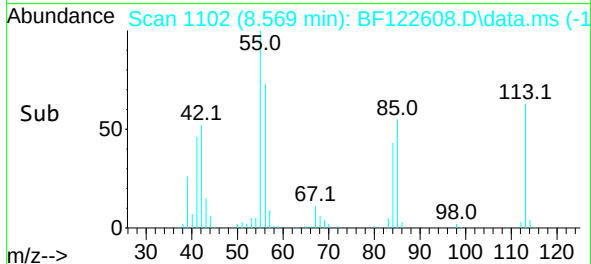
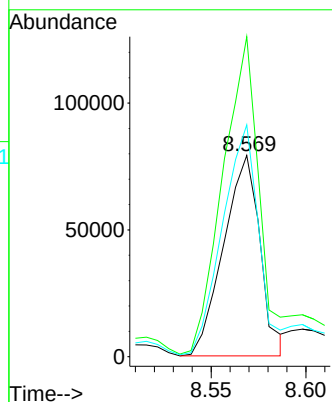
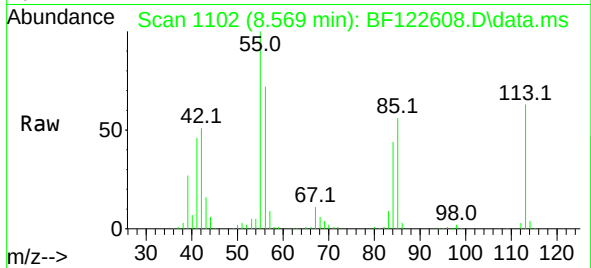




#35
Caprolactam
Concen: 30.71 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

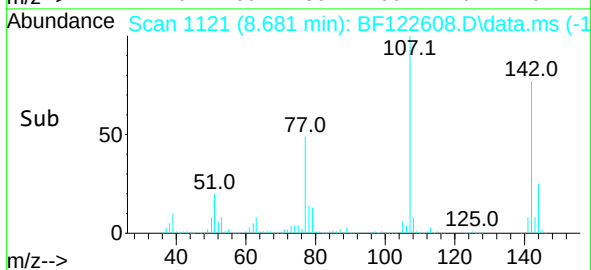
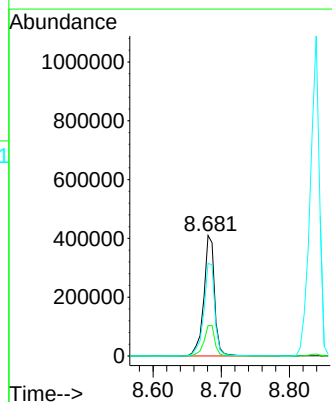
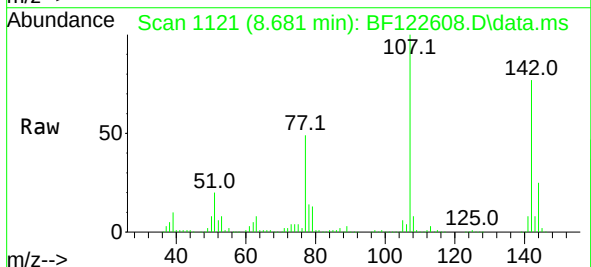
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

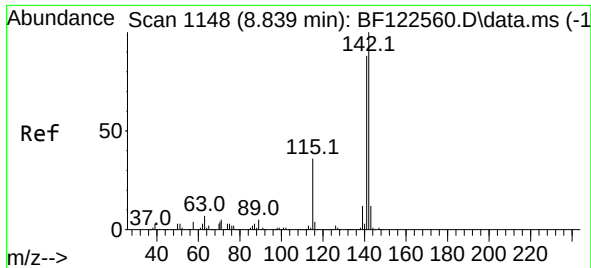
Tgt Ion:113 Resp: 105586
Ion Ratio Lower Upper
113 100
55 159.0 133.7 173.7
56 115.2 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 40.10 ng
RT: 8.681 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:107 Resp: 450849
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 76.9 64.4 96.6



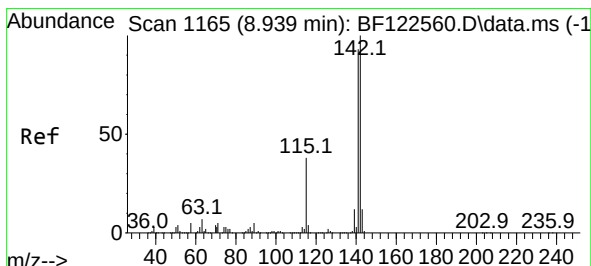
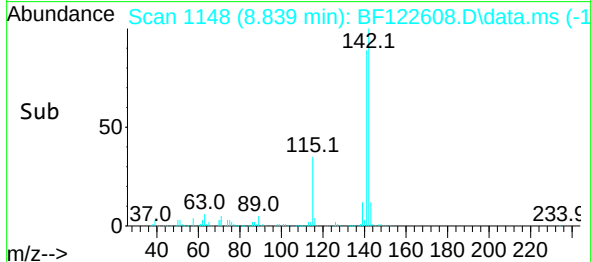
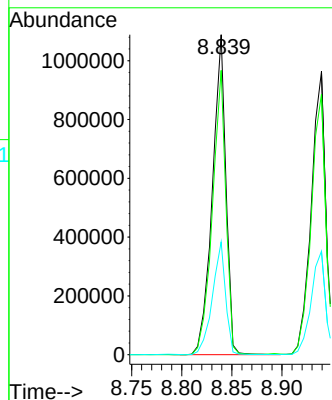
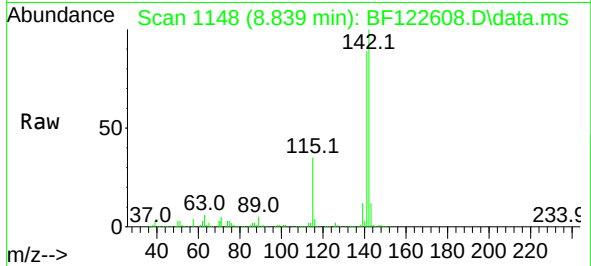


#37
2-Methylnaphthalene
Concen: 40.90 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

Tgt Ion:142 Resp: 1028118

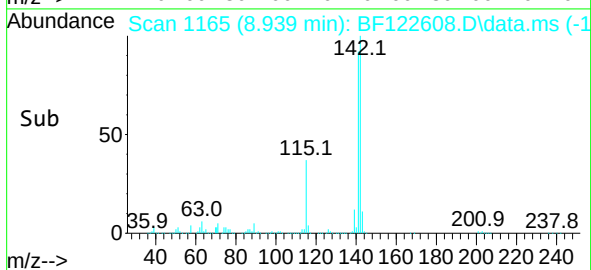
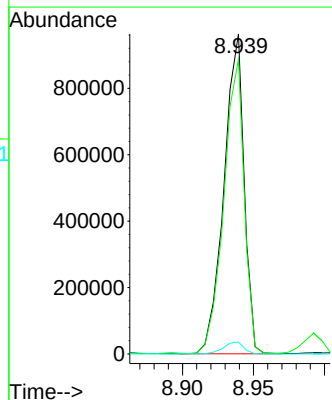
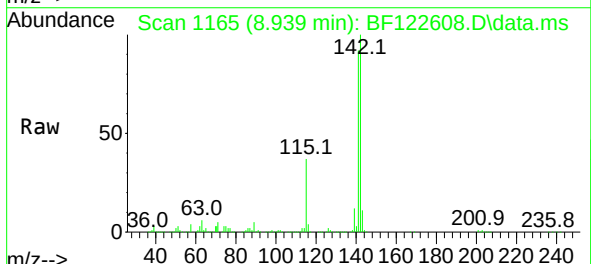
Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	106.0
115	35.2	28.7	43.1

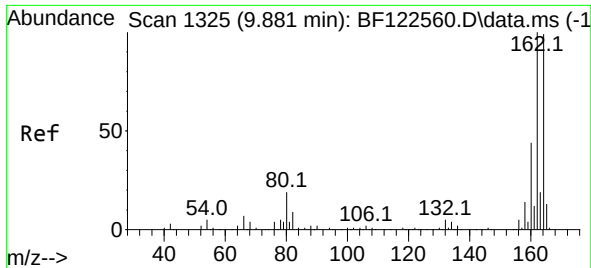


#38
1-Methylnaphthalene
Concen: 39.90 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:142 Resp: 948900

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.5	111.7
116	3.8	3.2	4.8

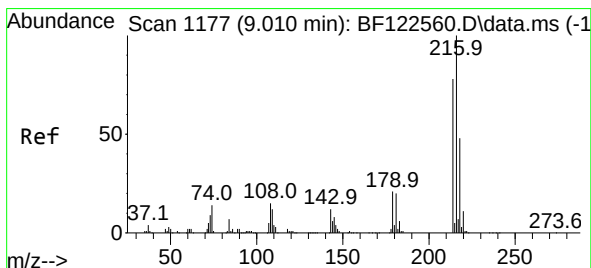
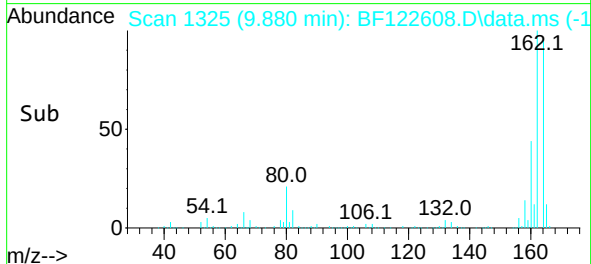
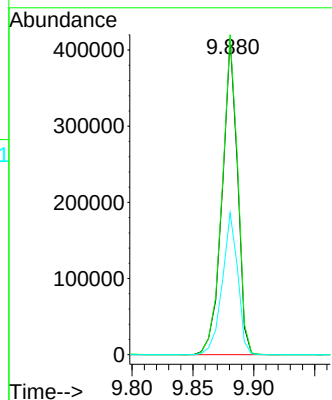
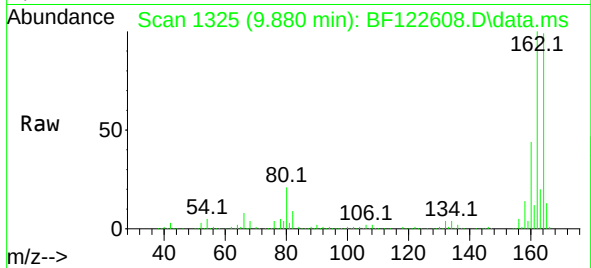




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

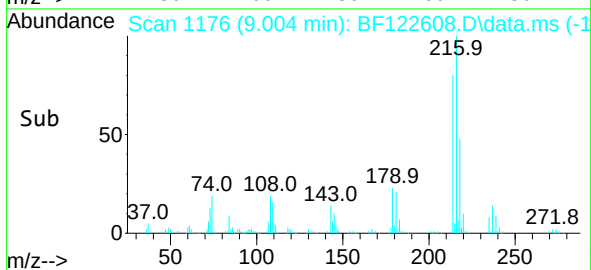
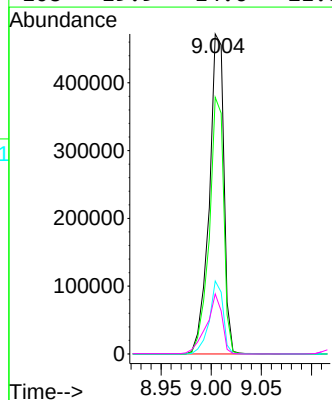
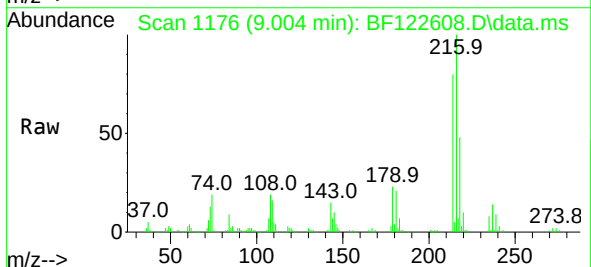
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

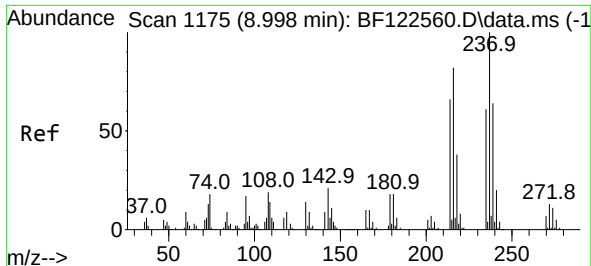
Tgt Ion:164 Resp: 364756
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 44.8 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.72 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:216 Resp: 479914
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 21.3 17.1 25.7
108 19.9 14.6 21.8

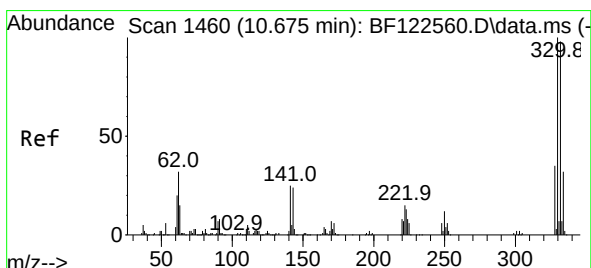
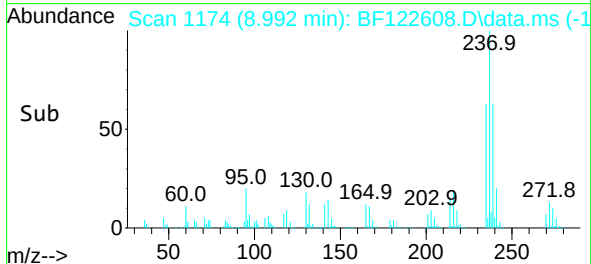
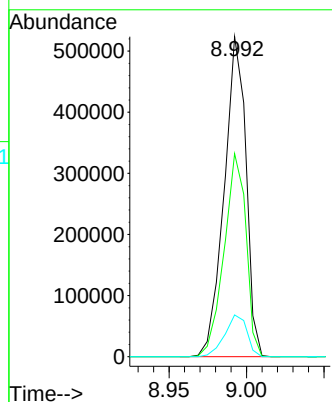
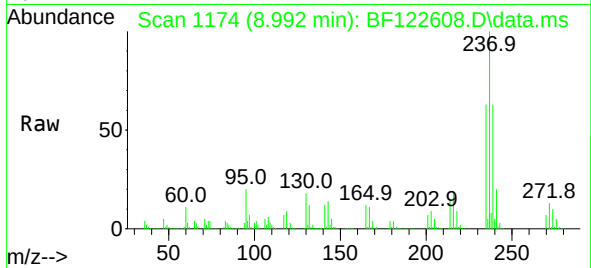




#41
Hexachlorocyclopentadiene
Concen: 96.01 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

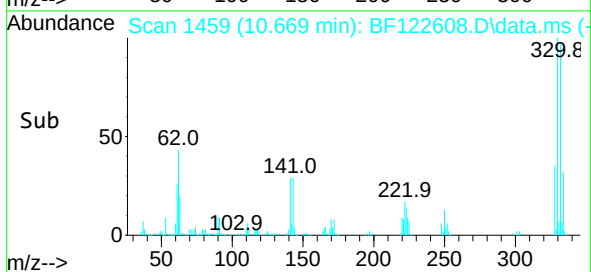
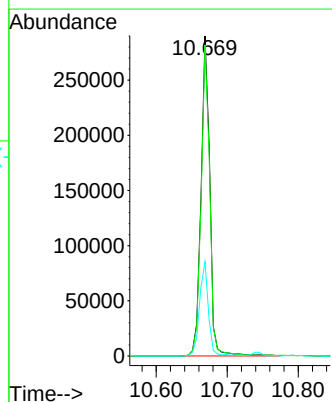
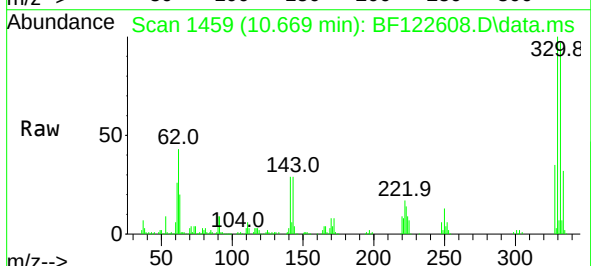
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

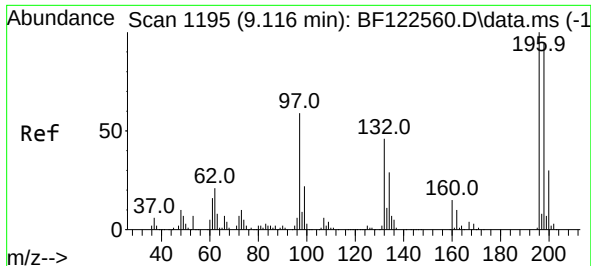
Tgt Ion:237 Resp: 512837
Ion Ratio Lower Upper
237 100
235 63.5 40.9 80.9
272 13.0 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 52.38 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:330 Resp: 250070
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 29.9 23.8 35.8

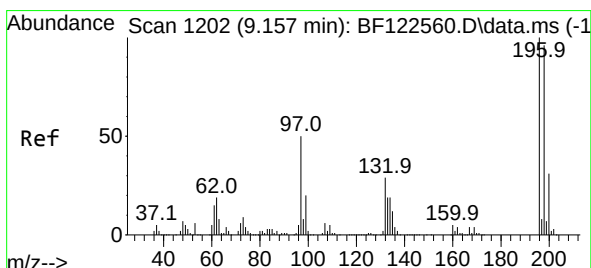
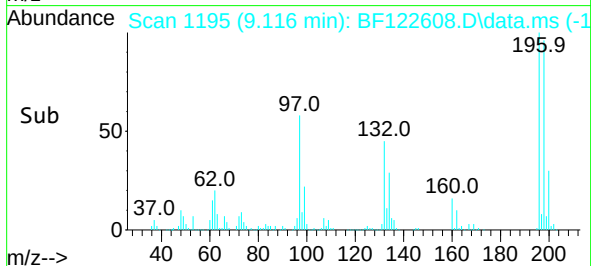
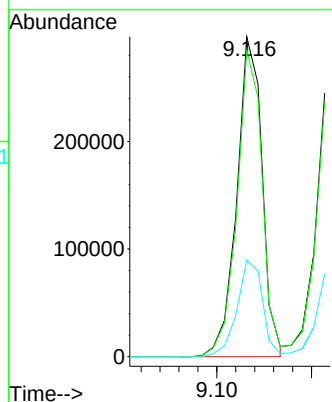
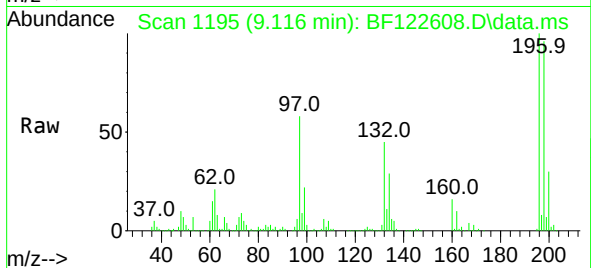




#43
2,4,6-Trichlorophenol
Concen: 33.01 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

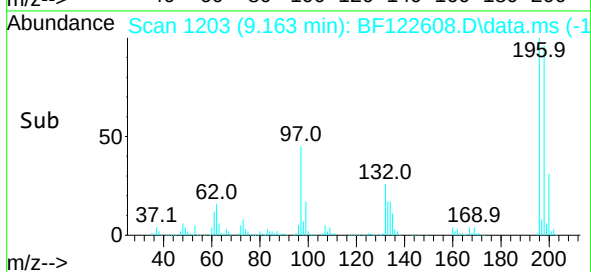
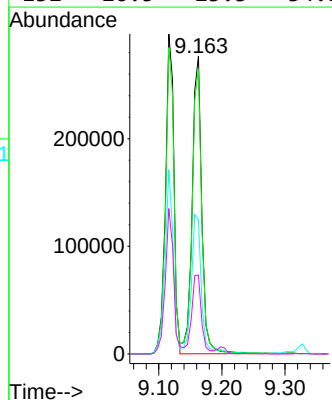
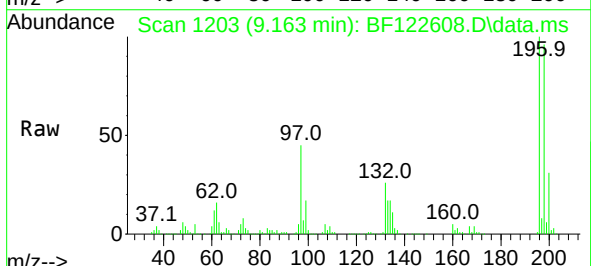
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

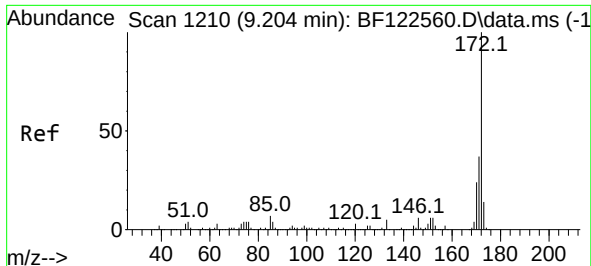
Tgt Ion:196 Resp: 275440
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
200 30.1 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 33.76 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:196 Resp: 291155
Ion Ratio Lower Upper
196 100
198 95.8 76.5 114.7
97 45.0 40.1 60.1
132 26.5 23.3 34.9

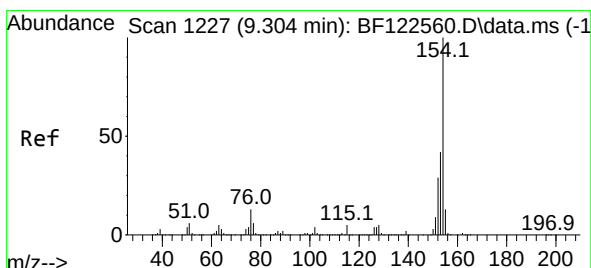
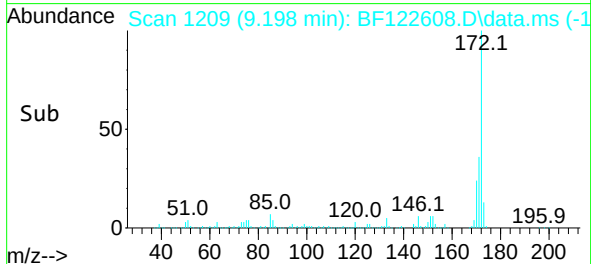
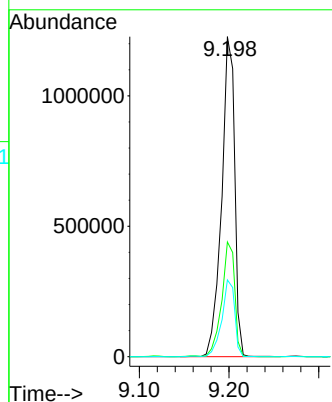
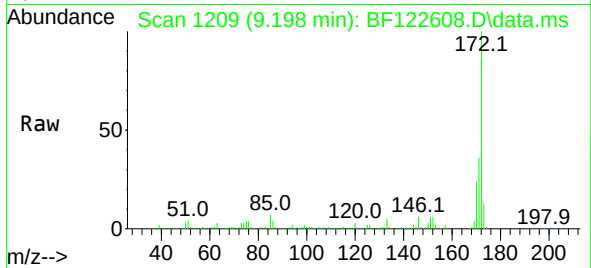




#45
2-Fluorobiphenyl
Concen: 46.02 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

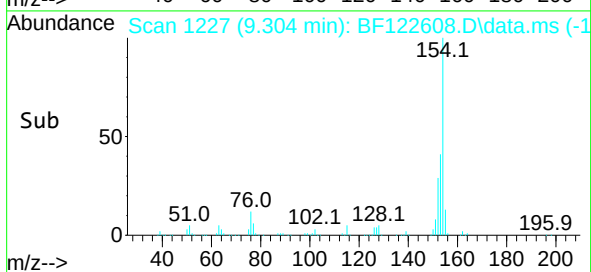
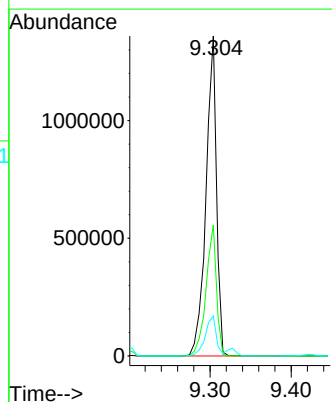
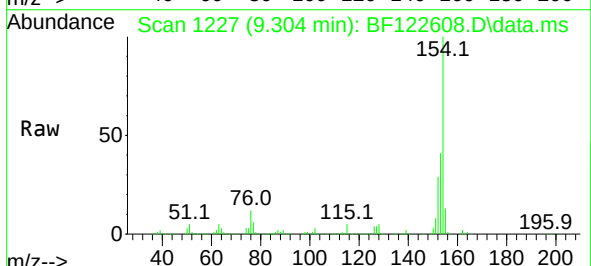
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

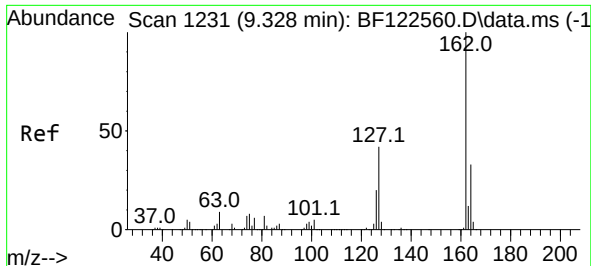
Tgt Ion:172 Resp: 1240986
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.0 19.5 29.3



#46
1,1'-Biphenyl
Concen: 40.24 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:154 Resp: 1218007
Ion Ratio Lower Upper
154 100
153 40.9 21.8 61.8
76 12.5 0.0 33.4

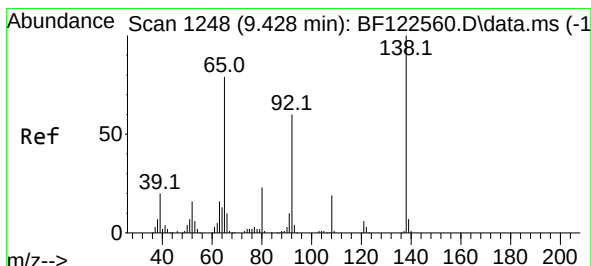
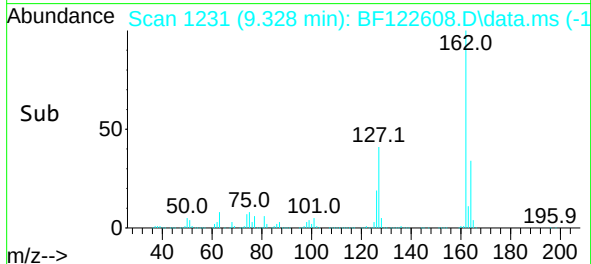
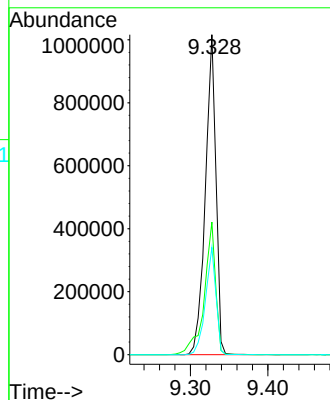
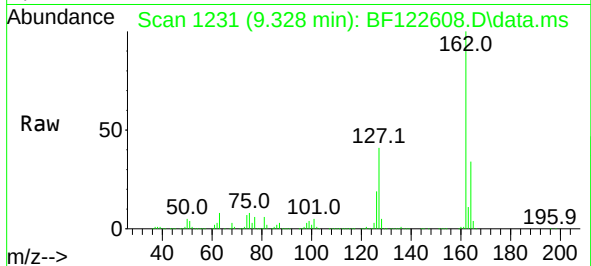




#47
2-Chloronaphthalene
Concen: 38.42 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

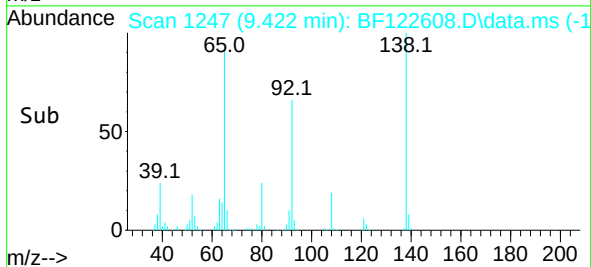
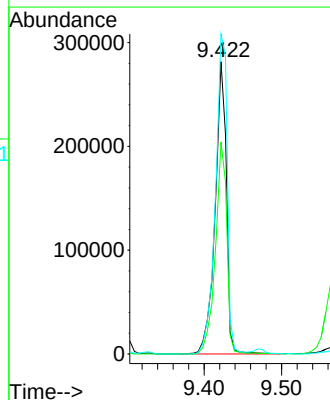
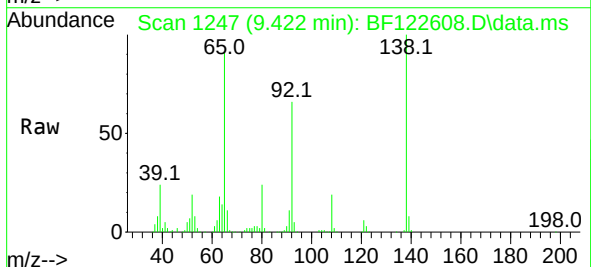
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

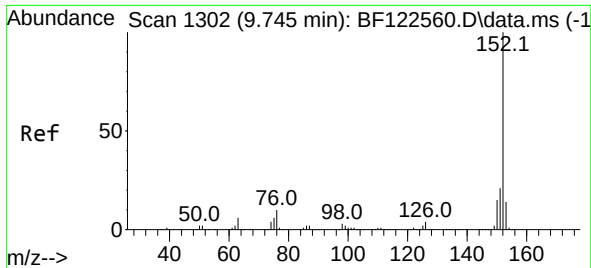
Tgt Ion:162 Resp: 963695
Ion Ratio Lower Upper
162 100
127 41.4 33.8 50.8
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 39.05 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 65 Resp: 285577
Ion Ratio Lower Upper
65 100
92 72.5 60.0 90.0
138 109.5 100.6 151.0

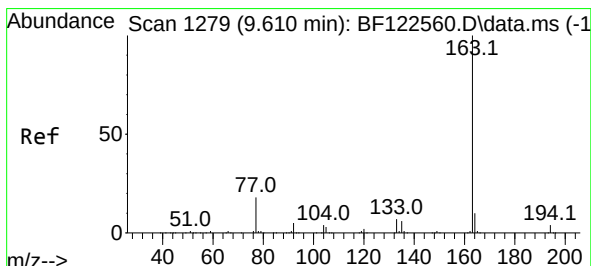
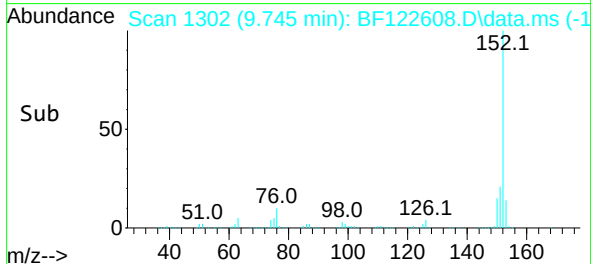
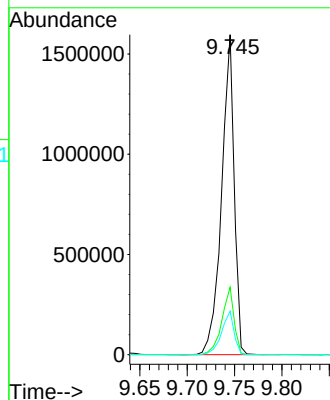
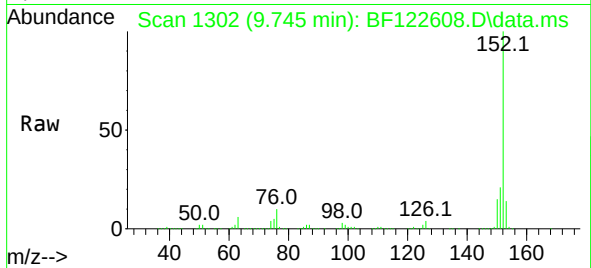




#49
Acenaphthylene
Concen: 40.03 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

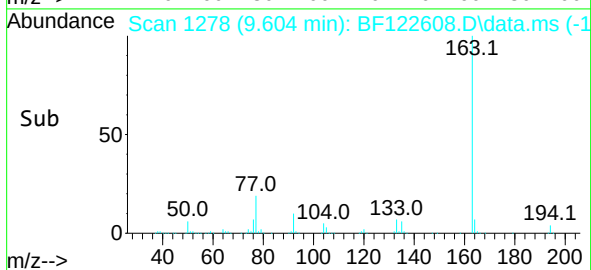
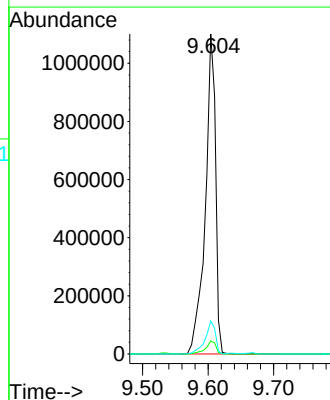
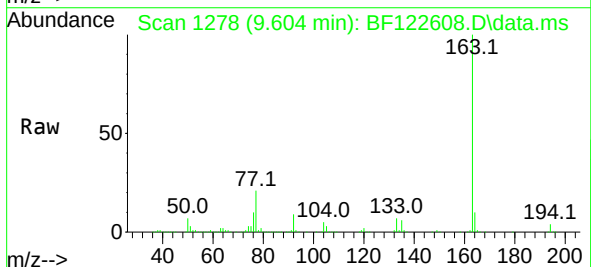
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

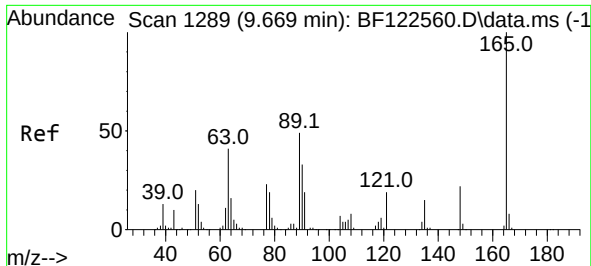
Tgt Ion:152 Resp: 1482945
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0
153 13.6 10.9 16.3



#50
Dimethylphthalate
Concen: 41.17 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:163 Resp: 1199220
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1

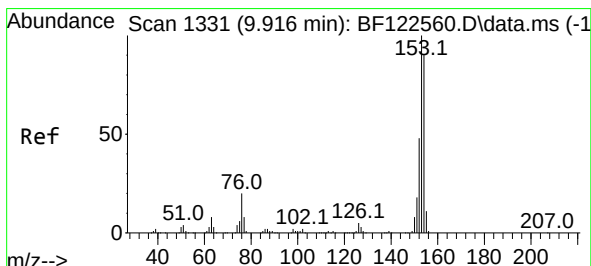
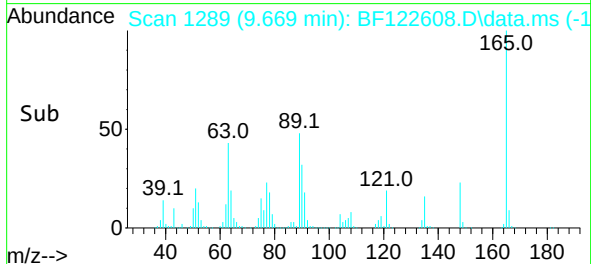
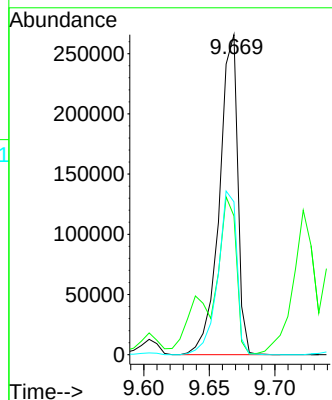
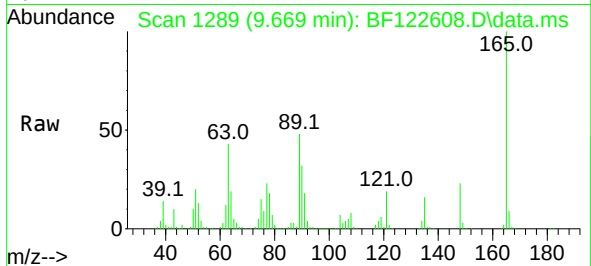




#51
2,6-Dinitrotoluene
Concen: 41.92 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

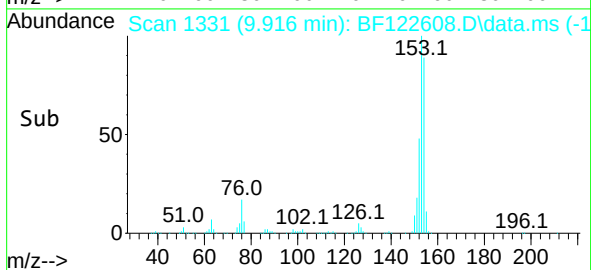
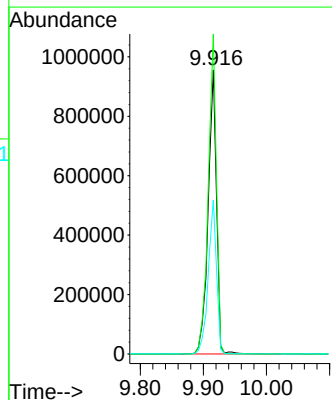
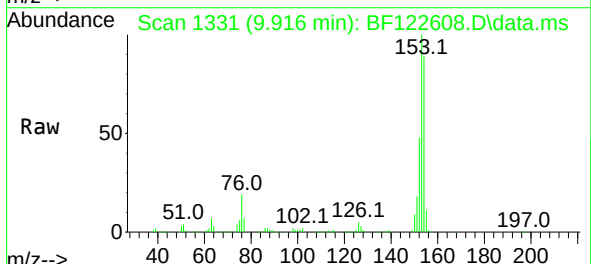
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

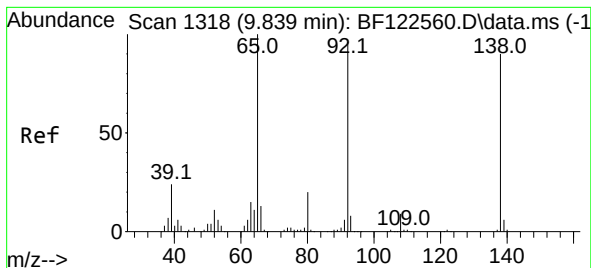
Tgt Ion:165 Resp: 257920
Ion Ratio Lower Upper
165 100
63 43.3 36.6 55.0
89 47.8 39.4 59.0



#52
Acenaphthene
Concen: 36.93 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:154 Resp: 885100
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.6
152 54.1 42.7 64.1

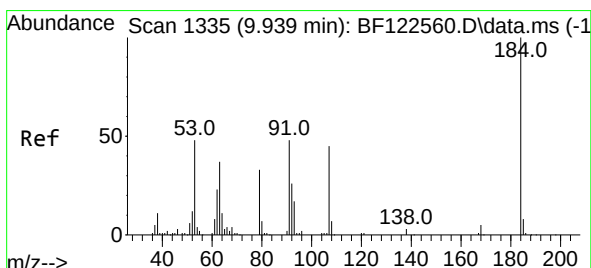
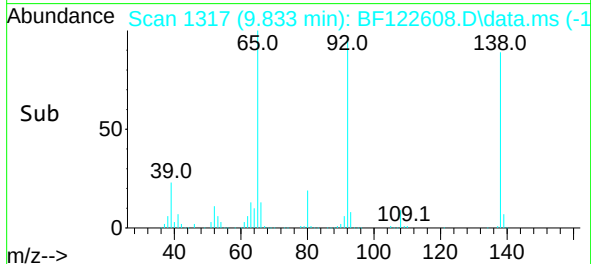
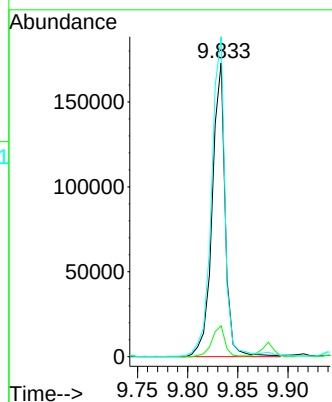
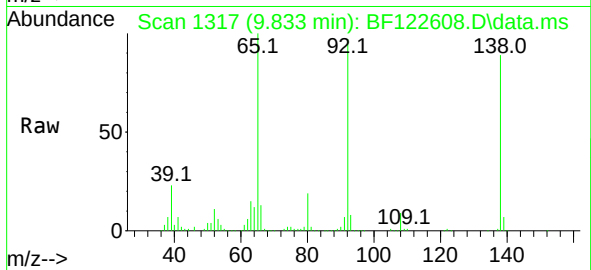




#53
3-Nitroaniline
Concen: 22.05 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

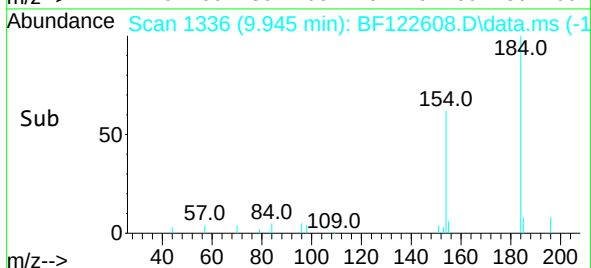
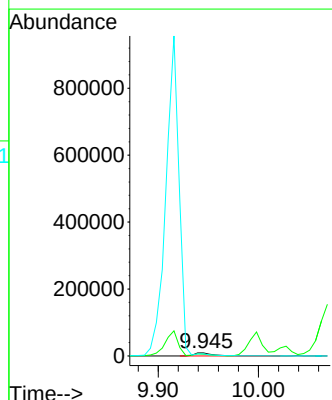
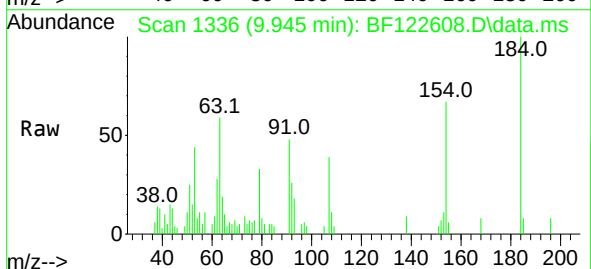
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

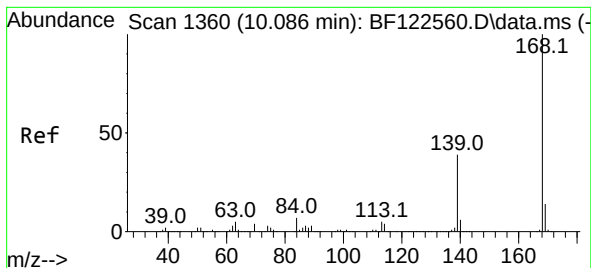
Tgt Ion:138 Resp: 156744
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 108.9 85.4 128.2



#54
2,4-Dinitrophenol
Concen: 4.21 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:184 Resp: 12659
Ion Ratio Lower Upper
184 100
63 58.6 51.4 77.2
154 67.5 49.7 74.5

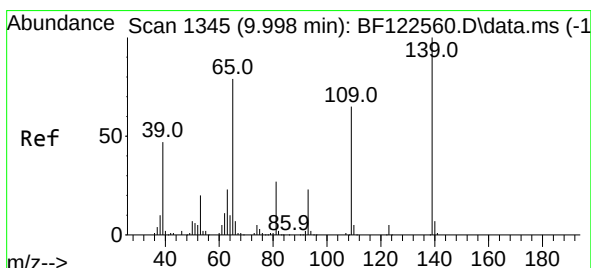
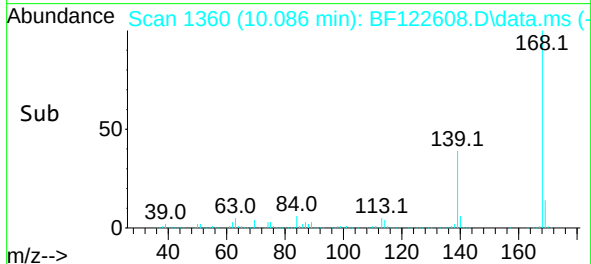
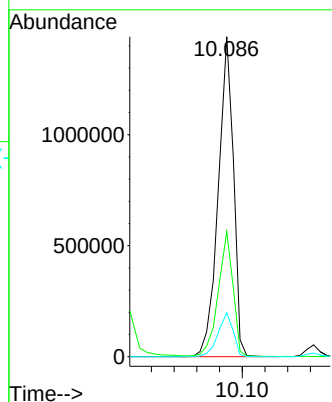
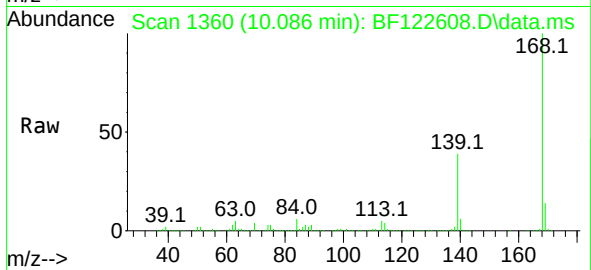




#55
Dibenzenofuran
Concen: 39.88 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

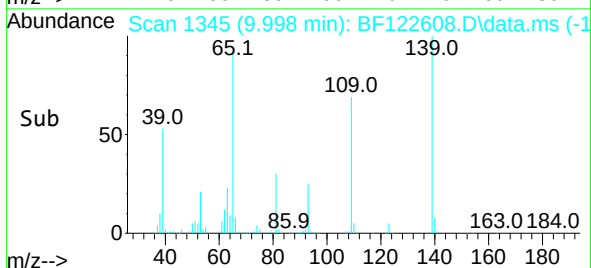
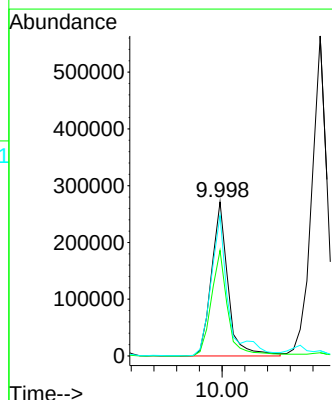
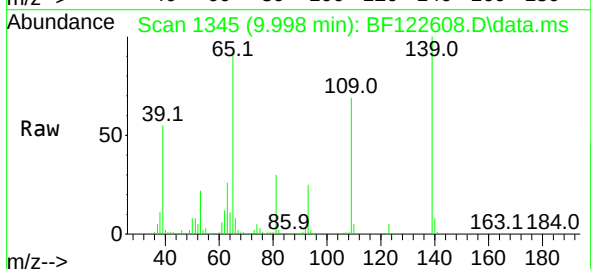
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

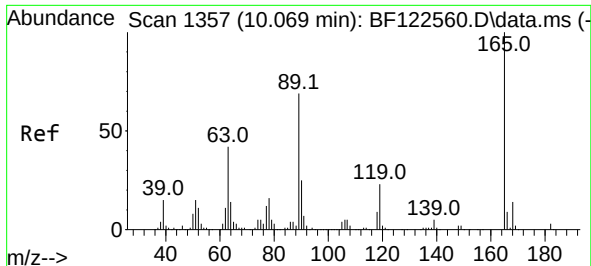
Tgt Ion:168 Resp: 1344467
Ion Ratio Lower Upper
168 100
139 39.1 31.3 46.9
169 13.7 11.2 16.8



#56
4-Nitrophenol
Concen: 54.13 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:139 Resp: 274377
Ion Ratio Lower Upper
139 100
109 68.6 45.1 85.1
65 91.1 59.2 99.2

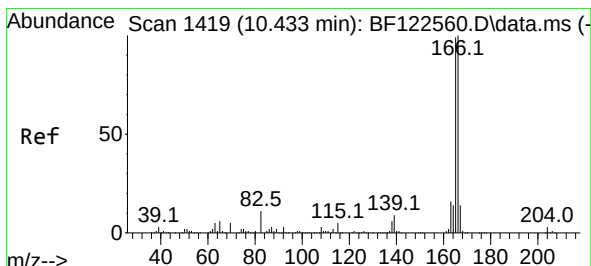
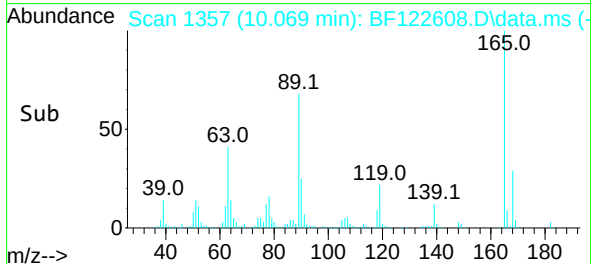
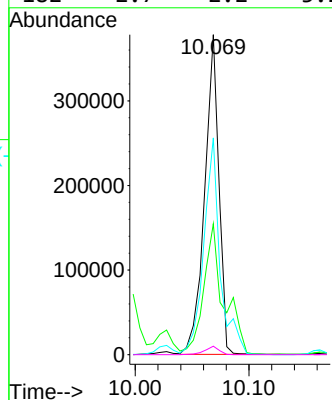
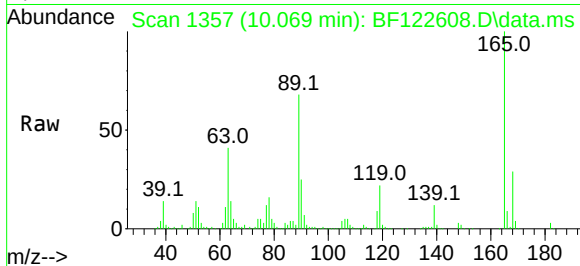




#57
2,4-Dinitrotoluene
Concen: 40.23 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

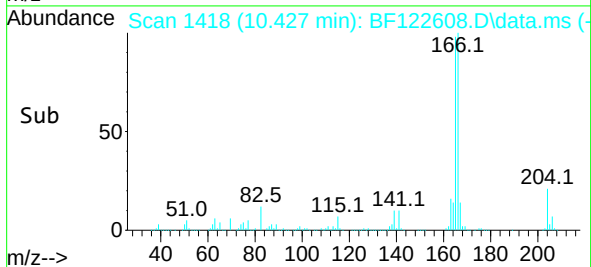
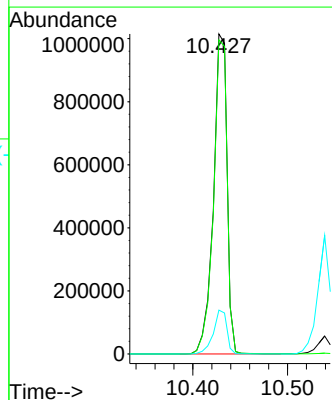
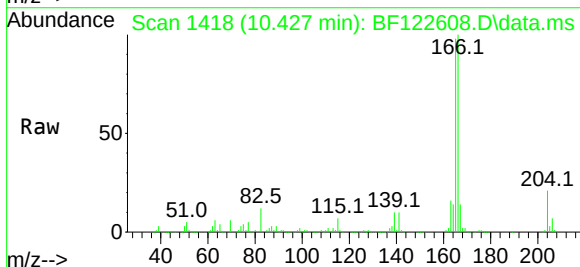
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

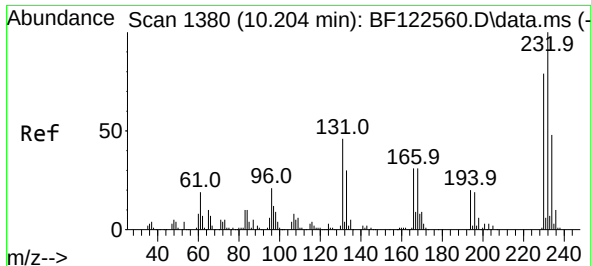
Tgt Ion:165 Resp: 329663
Ion Ratio Lower Upper
165 100
63 40.9 34.3 51.5
89 67.7 55.2 82.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 37.69 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:166 Resp: 1010798
Ion Ratio Lower Upper
166 100
165 98.2 79.4 119.0
167 13.7 10.9 16.3

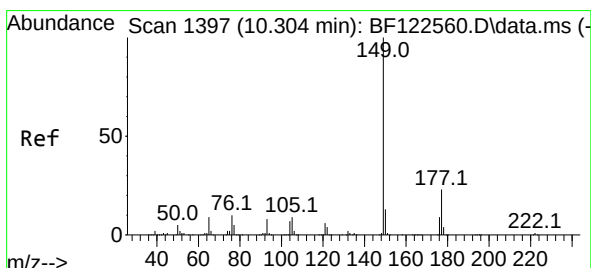
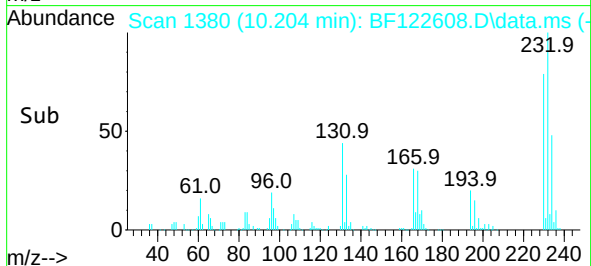
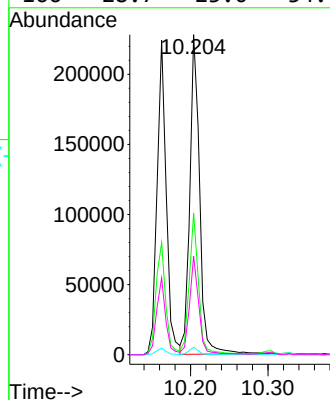
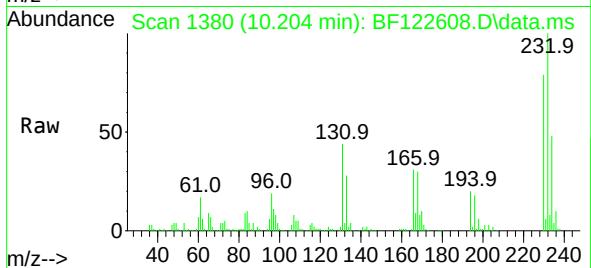




#59
2,3,4,6-Tetrachlorophenol
Concen: 26.47 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

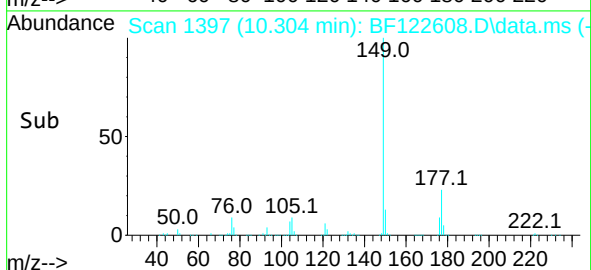
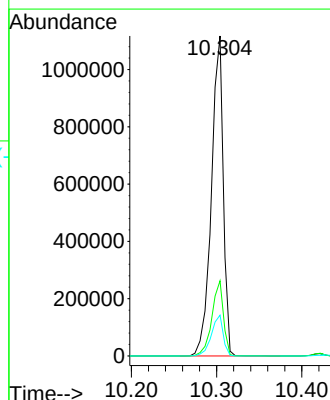
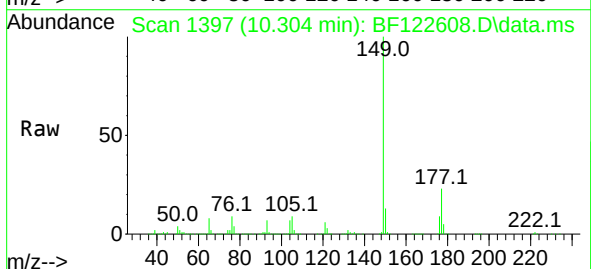
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

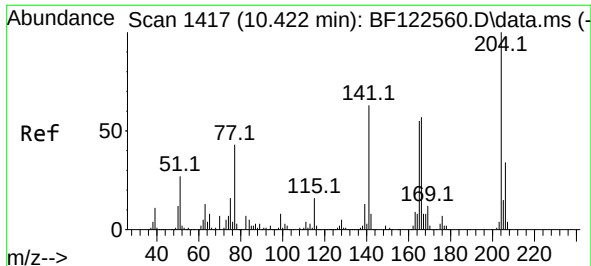
Tgt Ion:232 Resp: 200608
Ion Ratio Lower Upper
232 100
131 41.4 33.0 49.4
130 2.3 1.7 2.5
166 28.7 23.0 34.4



#60
Diethylphthalate
Concen: 38.20 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:149 Resp: 1082243
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.4
150 12.7 10.1 15.1

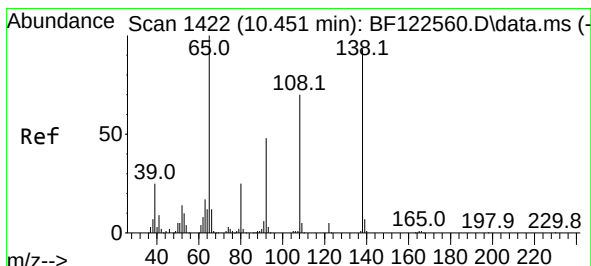
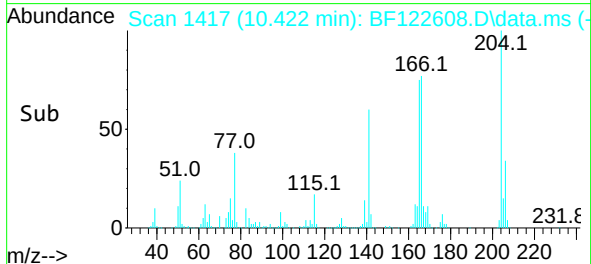
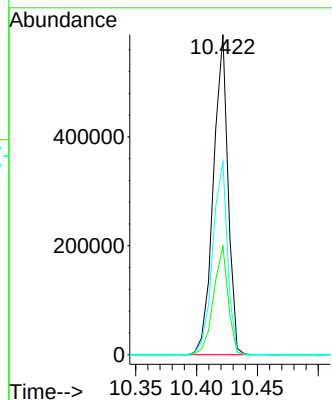
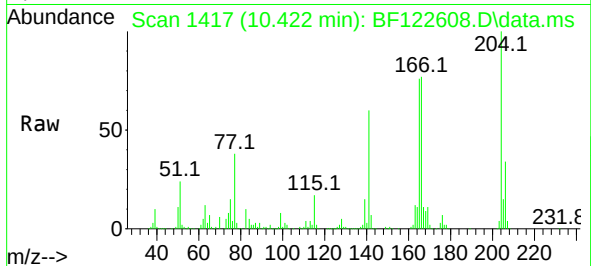




#61
4-Chlorophenyl-phenylether
Concen: 37.37 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

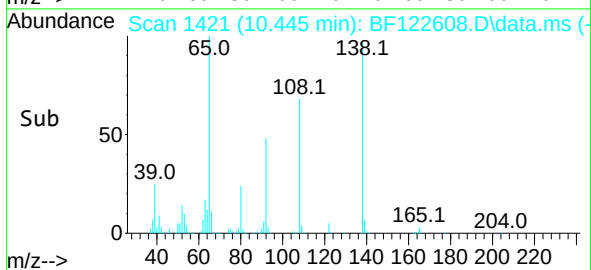
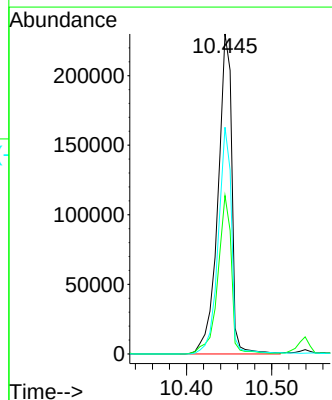
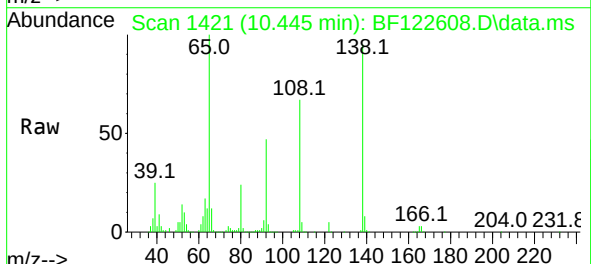
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

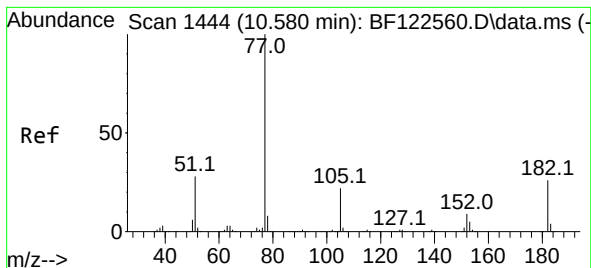
Tgt Ion:204 Resp: 493458
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.4
141 60.2 50.4 75.6



#62
4-Nitroaniline
Concen: 36.18 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:138 Resp: 261048
Ion Ratio Lower Upper
138 100
92 49.5 31.0 71.0
108 70.9 54.8 94.8

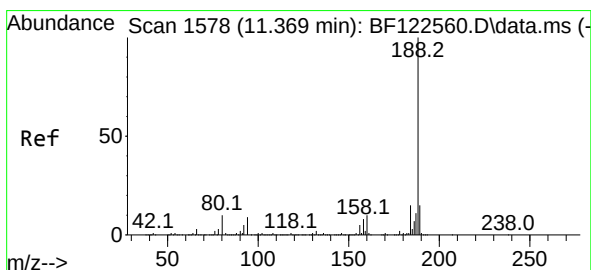
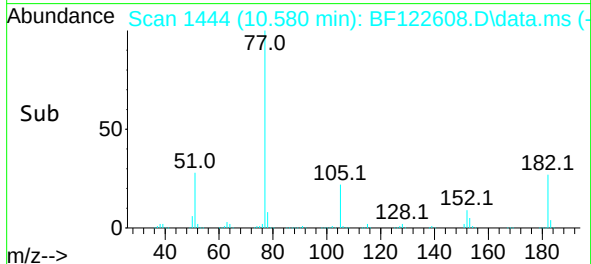
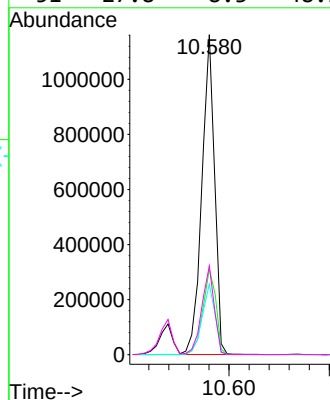
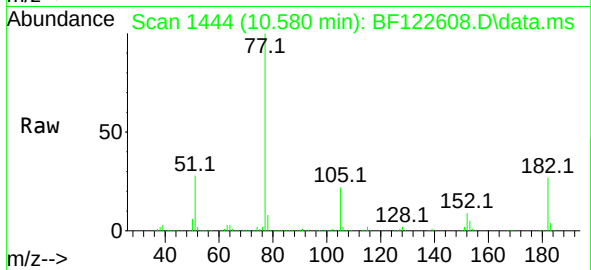




#63
Azobenzene
Concen: 39.46 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

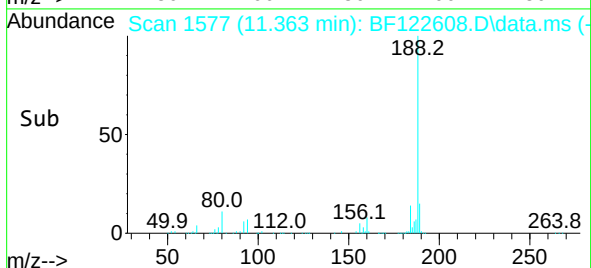
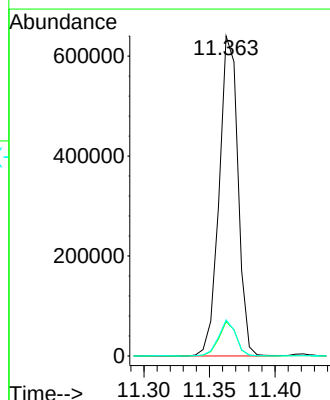
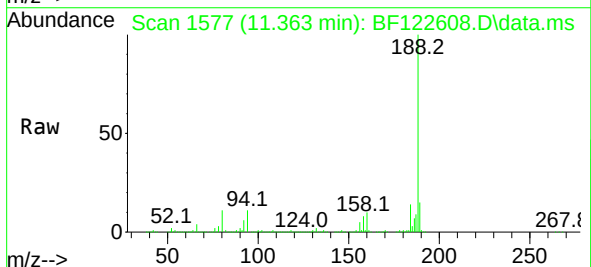
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

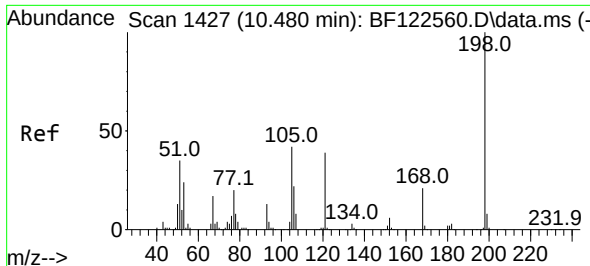
Tgt Ion: 77 Resp: 1027605
Ion Ratio Lower Upper
77 100
182 26.8 5.6 45.6
105 22.0 1.8 41.8
51 27.8 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion: 188 Resp: 637185
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 11.3 8.2 12.4

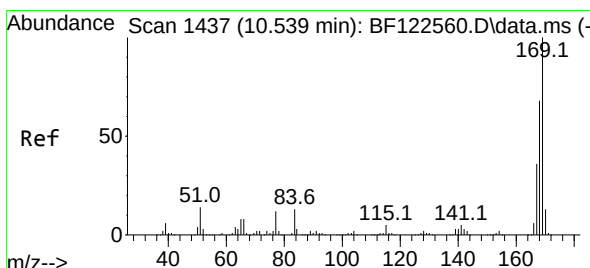
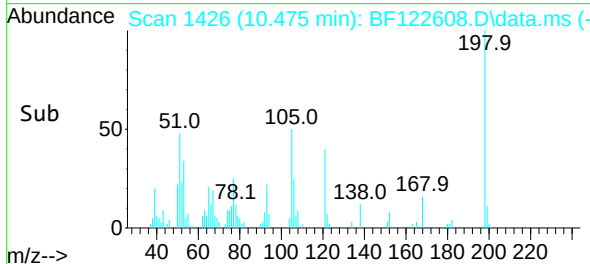
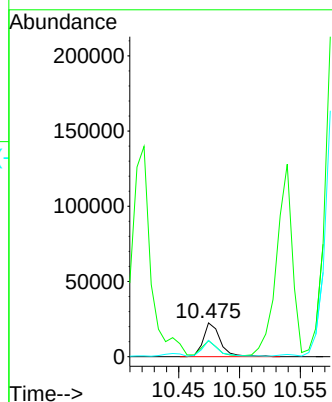
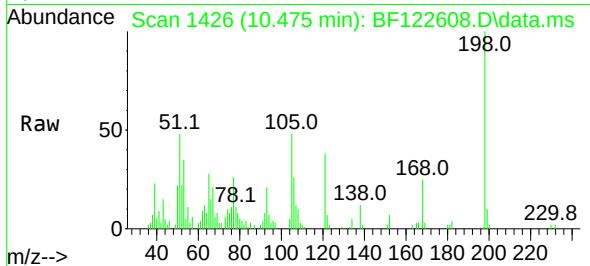




#65
4,6-Dinitro-2-methylphenol
Concen: 5.61 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.005 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

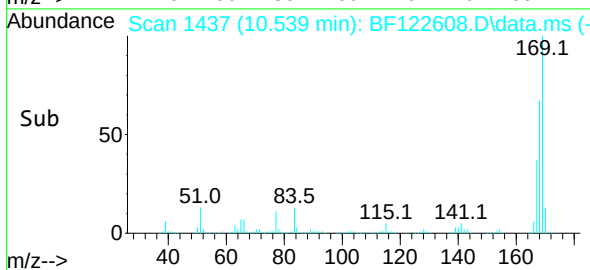
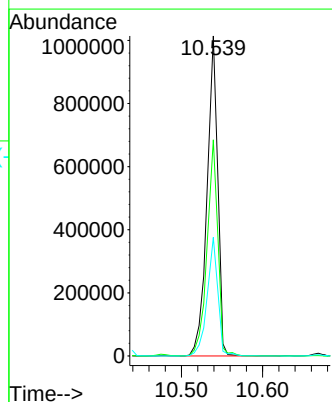
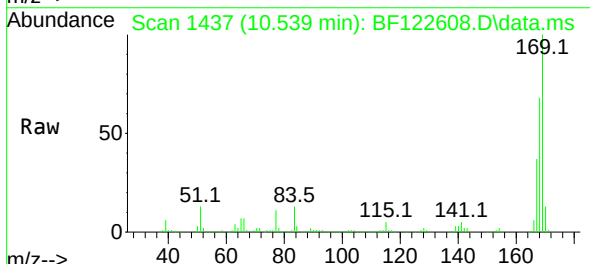
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

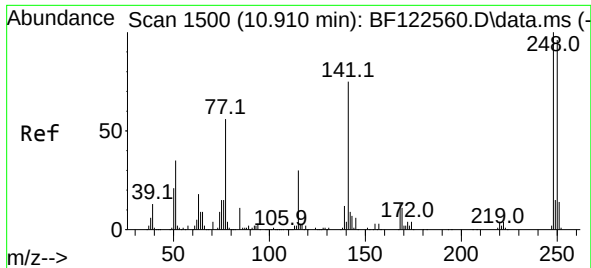
Tgt Ion:198 Resp: 21816
Ion Ratio Lower Upper
198 100
51 47.6 20.3 60.3
105 48.2 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 41.25 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:169 Resp: 928828
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 37.1 29.2 43.8

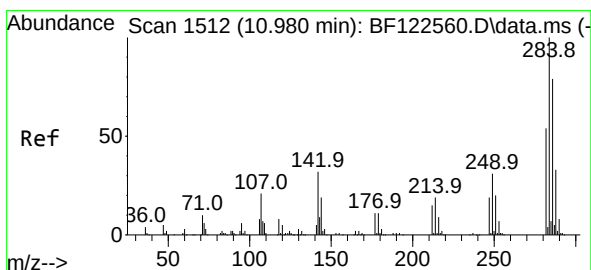
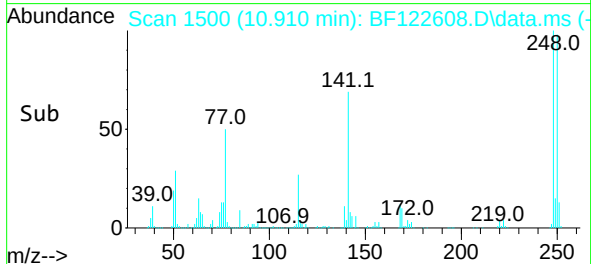
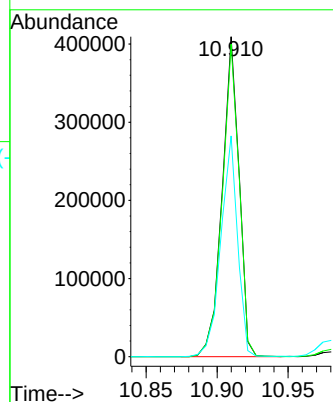
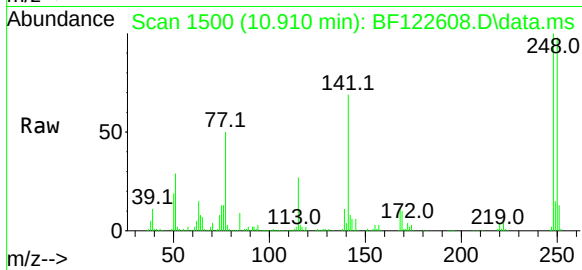




#67
4-Bromophenyl-phenylether
Concen: 39.13 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

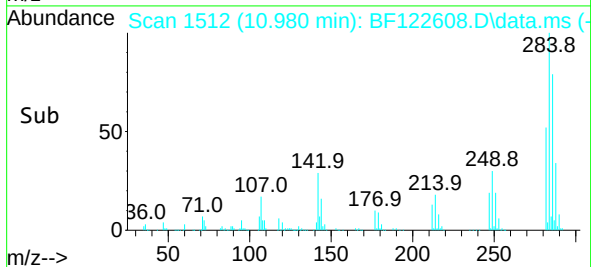
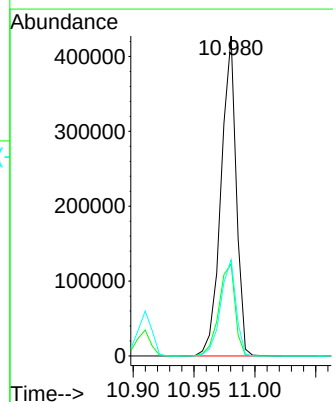
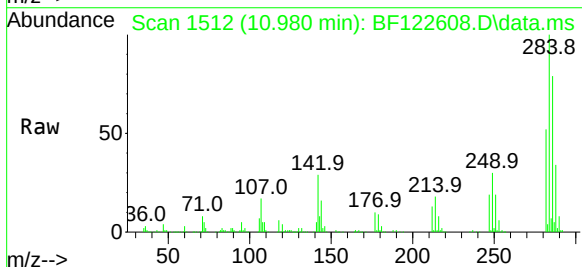
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

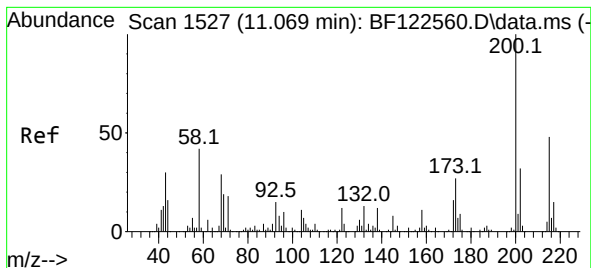
Tgt Ion:248 Resp: 337827
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 69.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 38.86 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:284 Resp: 370888
Ion Ratio Lower Upper
284 100
142 28.7 25.6 38.4
249 30.0 25.1 37.7





#69

Atrazine

Concen: 35.01 ng

RT: 11.069 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF122608.D

Acq: 9 Dec 2020 12:30

Tgt Ion:200 Resp: 256013

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

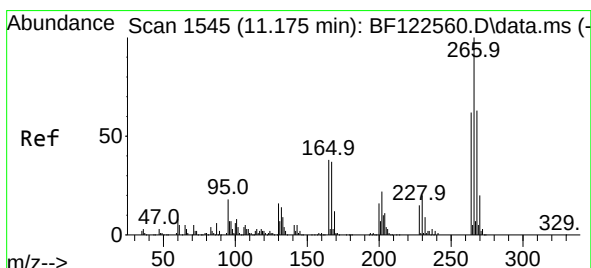
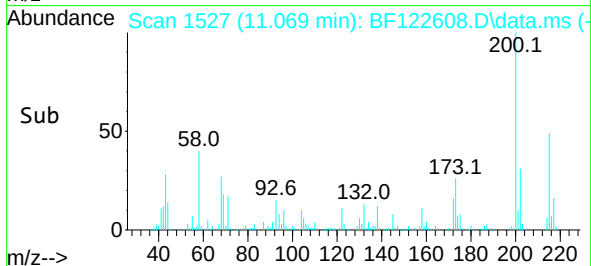
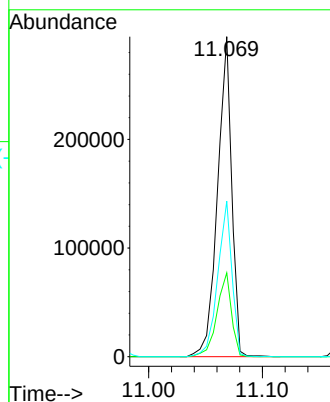
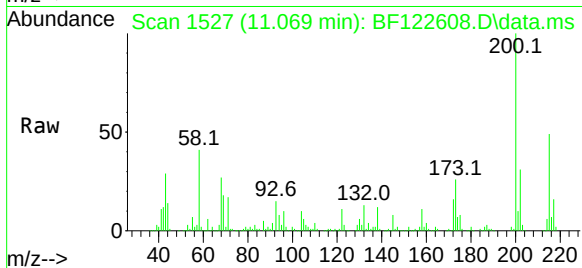
215 48.6 28.1 68.1

Instrument :

BNA_F

ClientSampleId :

HSD-SOILMS



#70

Pentachlorophenol

Concen: 37.13 ng

RT: 11.174 min Scan# 1545

Delta R.T. -0.000 min

Lab File: BF122608.D

Acq: 9 Dec 2020 12:30

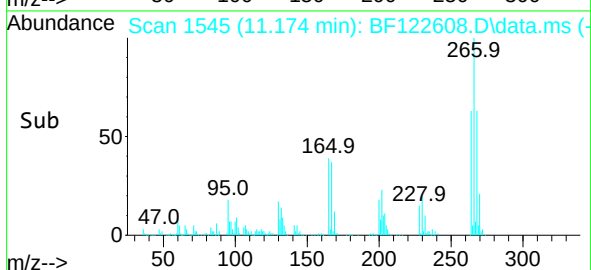
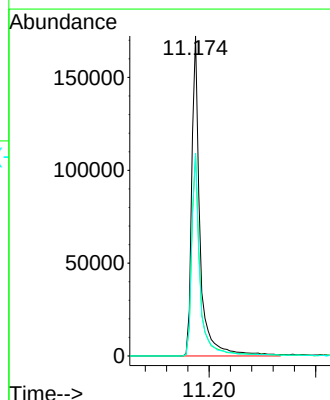
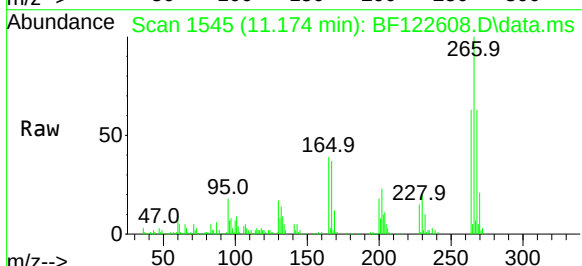
Tgt Ion:266 Resp: 187754

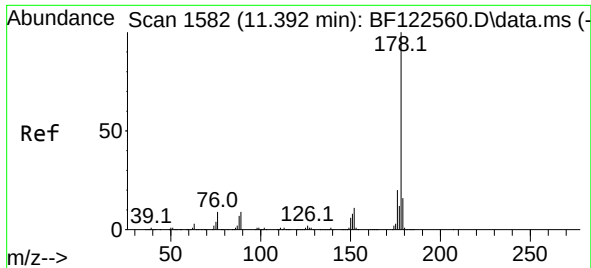
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 63.3 49.8 74.8

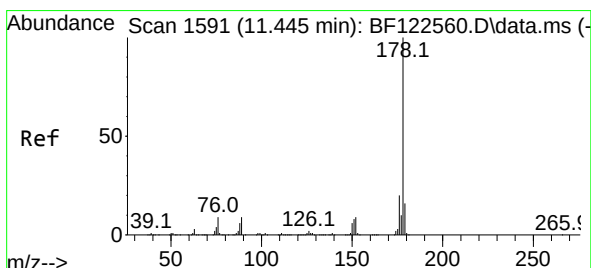
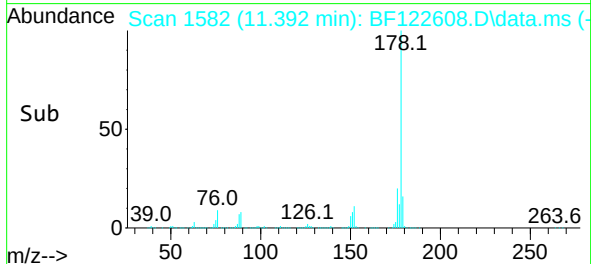
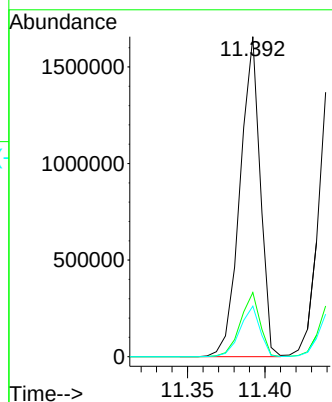
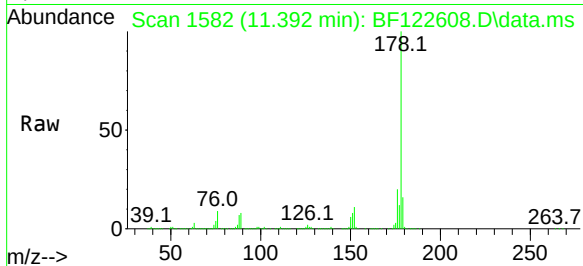




#71
Phenanthrene
Concen: 39.55 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

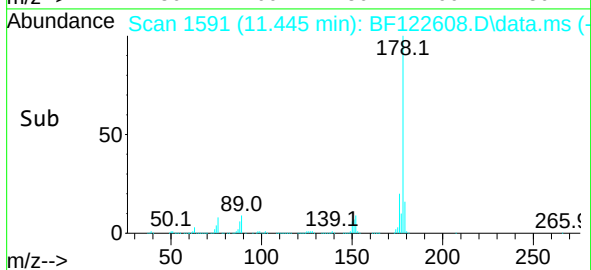
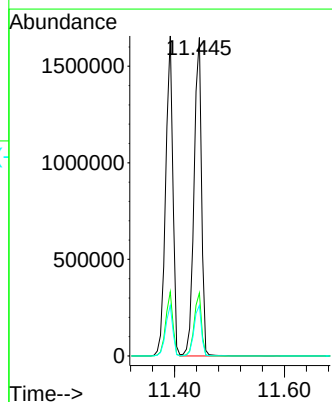
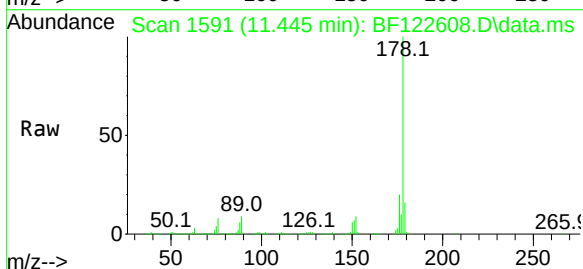
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

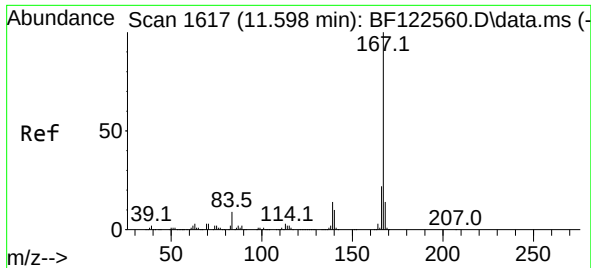
Tgt Ion:178 Resp: 1497736
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.8 12.7 19.1



#72
Anthracene
Concen: 41.21 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:178 Resp: 1547601
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.9 12.8 19.2



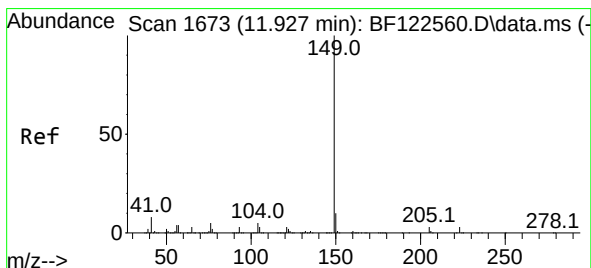
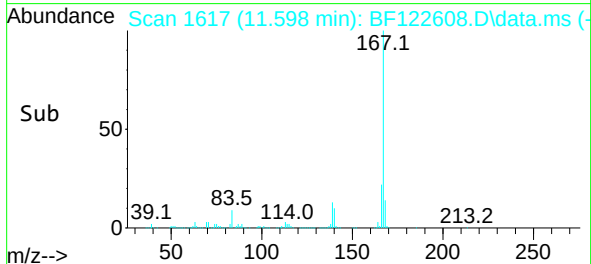
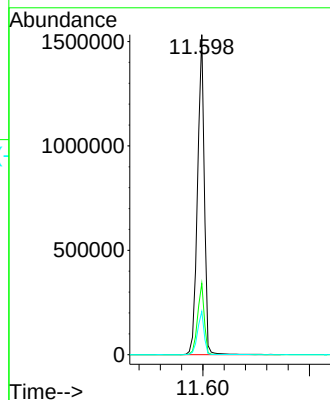
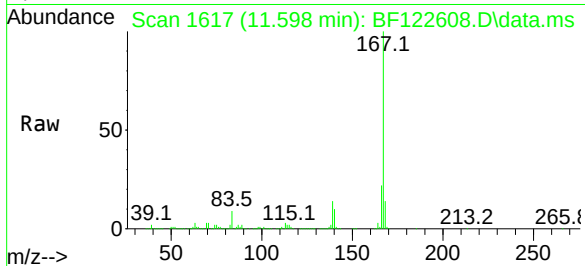


#73
 Carbazole
 Concen: 39.89 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF122608.D
 Acq: 9 Dec 2020 12:30

Instrument :
 BNA_F
 ClientSampleId :
 HSD-SOILMS

Tgt Ion:167 Resp: 1358560

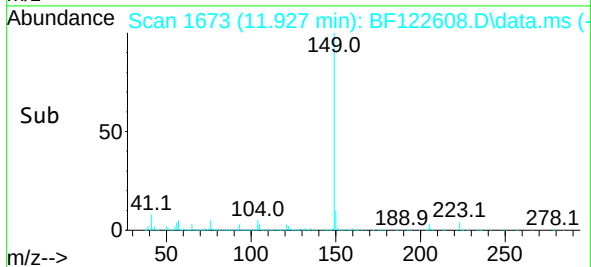
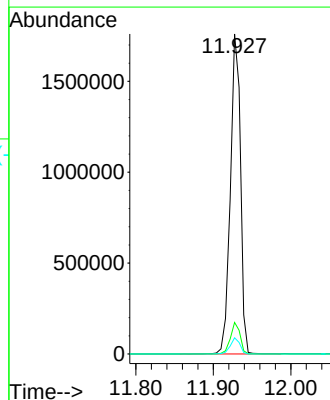
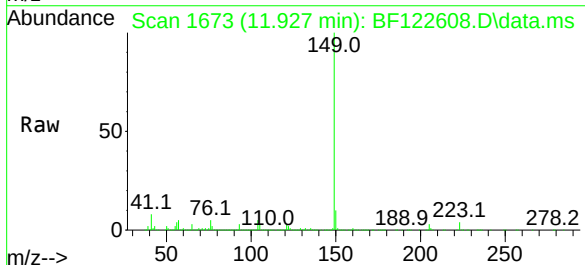
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.5	10.9	16.3

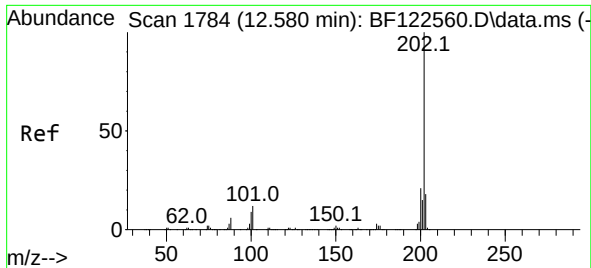


#74
 Di-n-butylphthalate
 Concen: 37.51 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF122608.D
 Acq: 9 Dec 2020 12:30

Tgt Ion:149 Resp: 1604999

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.0	4.2	6.4

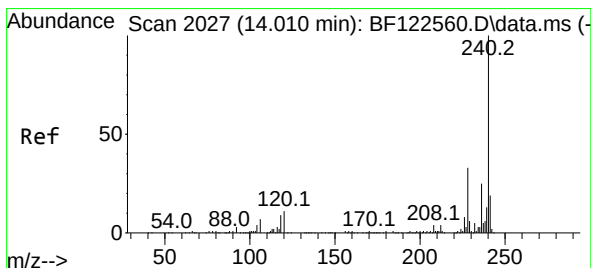
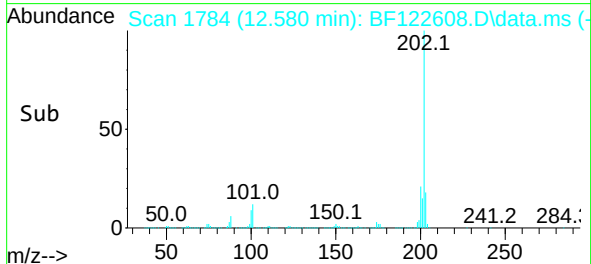
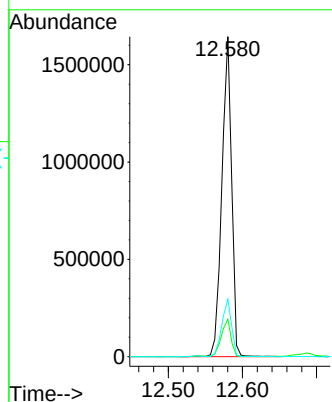
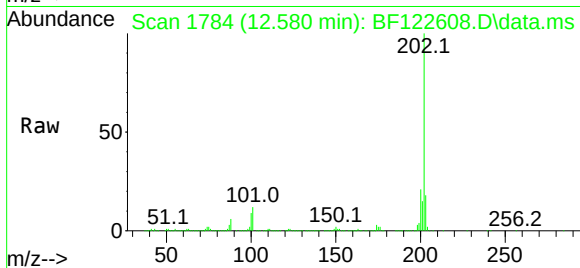




#75
Fluoranthene
Concen: 37.91 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

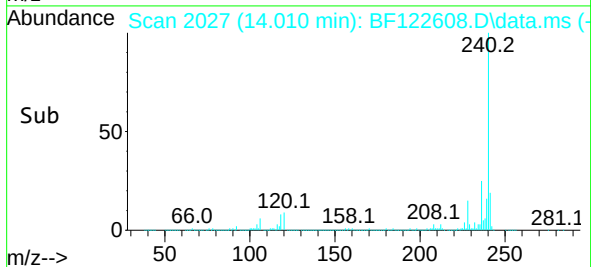
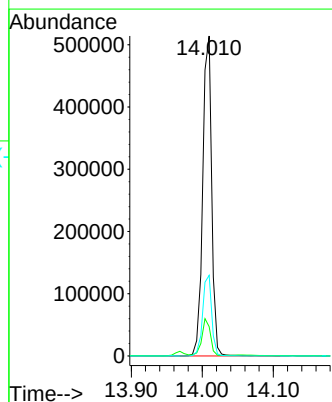
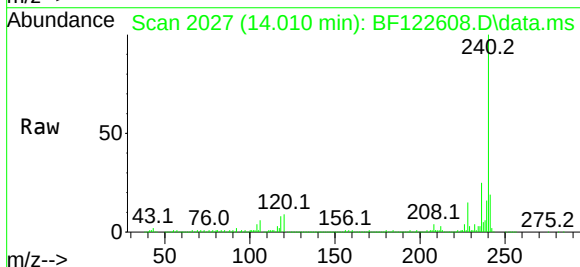
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

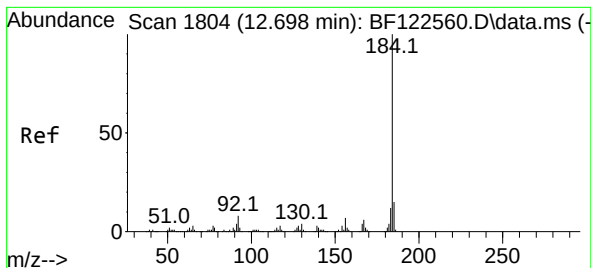
Tgt Ion:202 Resp: 1505527
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.2
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:240 Resp: 453137
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 25.2 20.3 30.5





#77

Benzidine

Concen: 23.84 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF122608.D

Acq: 9 Dec 2020 12:30

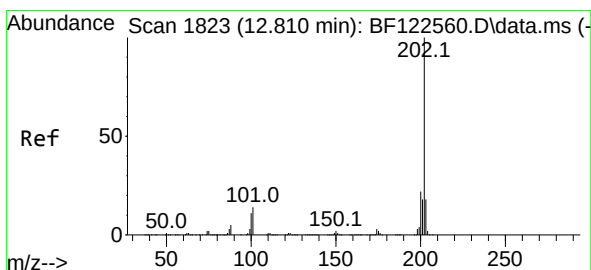
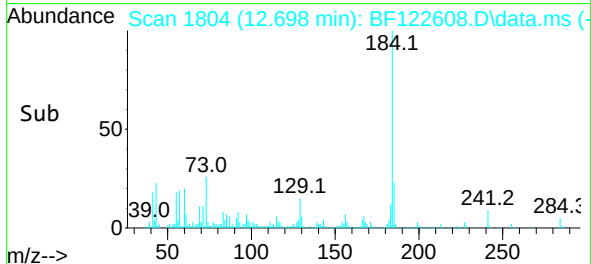
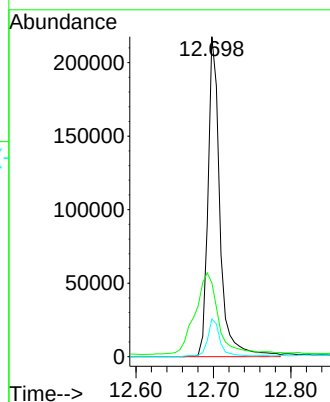
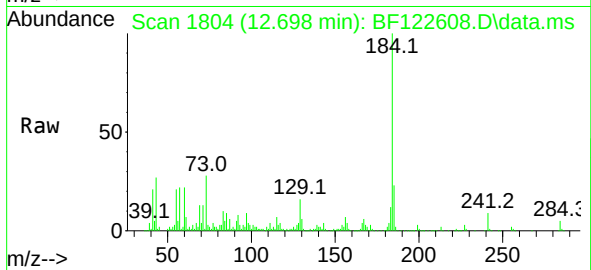
Tgt Ion:184 Resp: 233683

Ion Ratio Lower Upper

184 100

185 23.0 11.8 17.6#

183 11.8 9.7 14.5



#78

Pyrene

Concen: 42.44 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.000 min

Lab File: BF122608.D

Acq: 9 Dec 2020 12:30

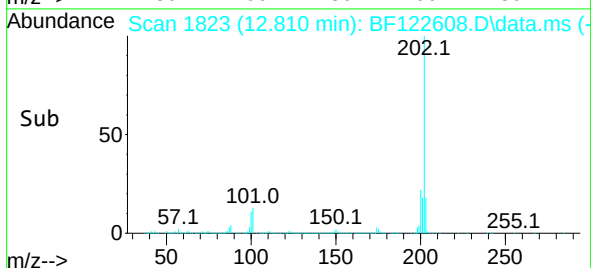
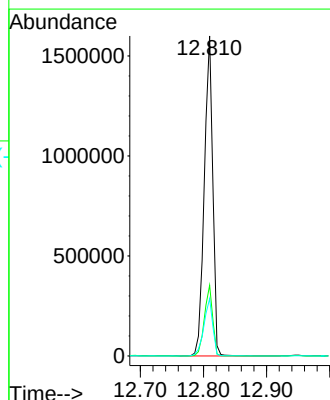
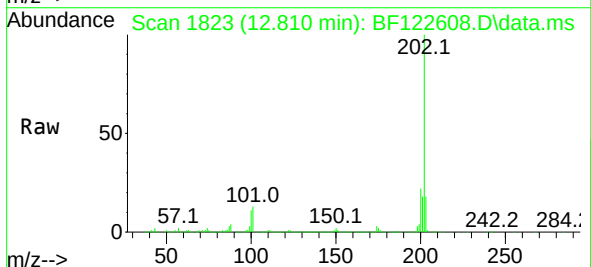
Tgt Ion:202 Resp: 1486802

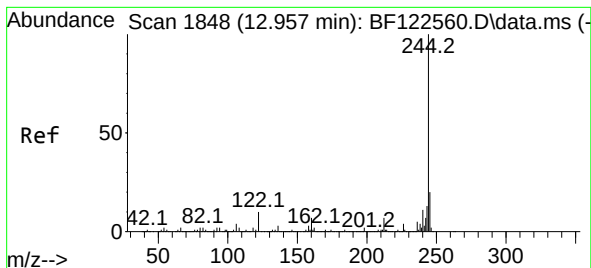
Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

203 17.9 14.6 21.8





#79

Terphenyl-d14

Concen: 46.01 ng

RT: 12.951 min Scan# 1847

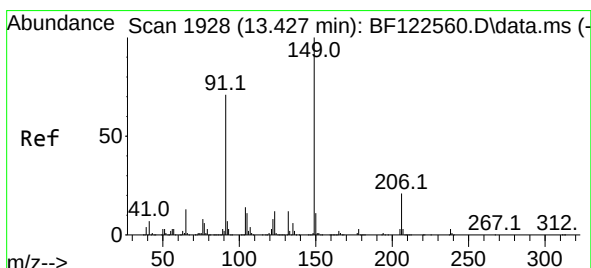
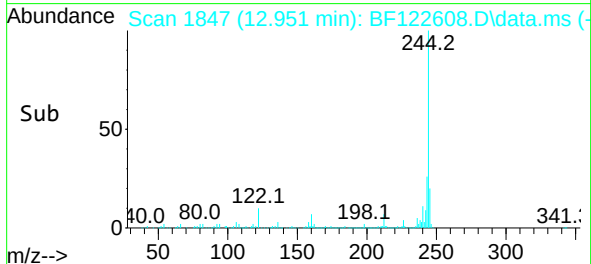
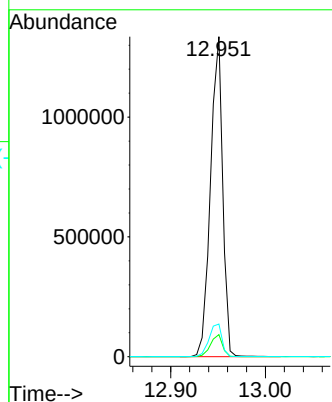
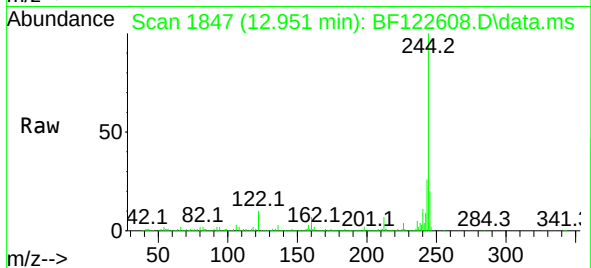
Delta R.T. -0.006 min

Lab File: BF122608.D

Acq: 9 Dec 2020 12:30

Tgt Ion:244 Resp: 1191166

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.2	8.3	12.5



#80

Butylbenzylphthalate

Concen: 39.74 ng

RT: 13.427 min Scan# 1928

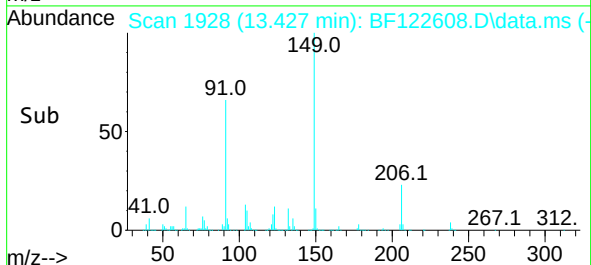
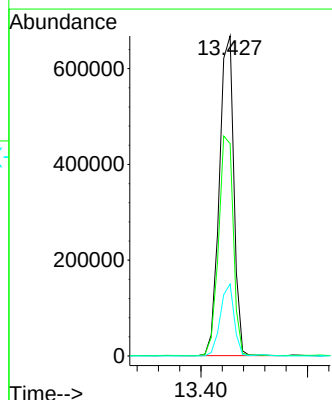
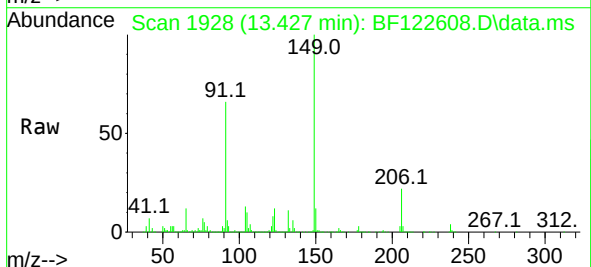
Delta R.T. -0.000 min

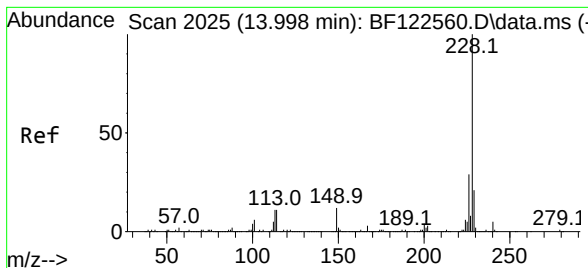
Lab File: BF122608.D

Acq: 9 Dec 2020 12:30

Tgt Ion:149 Resp: 627181

Ion	Ratio	Lower	Upper
149	100		
91	66.3	56.5	84.7
206	22.5	17.0	25.6

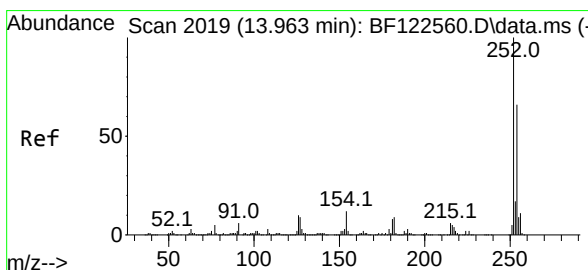
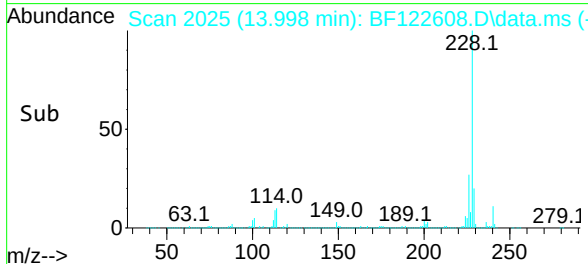
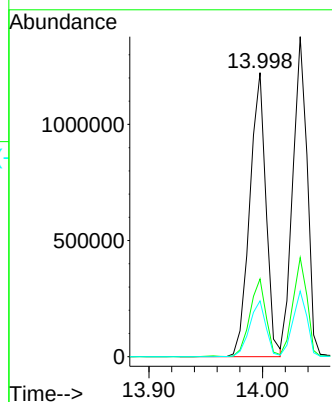
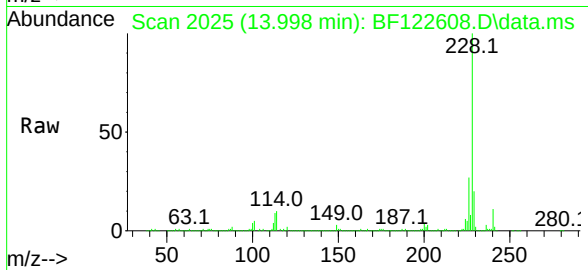




#81
Benzo(a)anthracene
Concen: 40.11 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

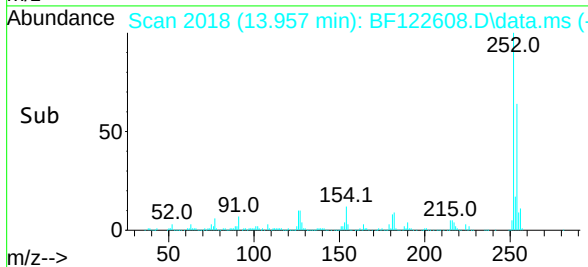
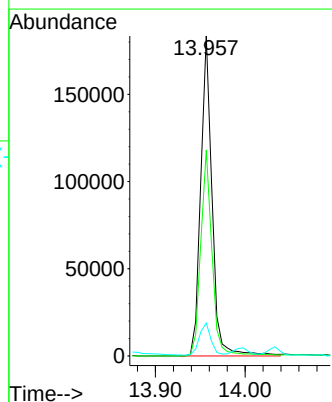
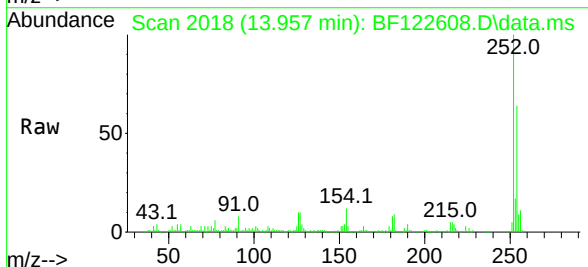
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

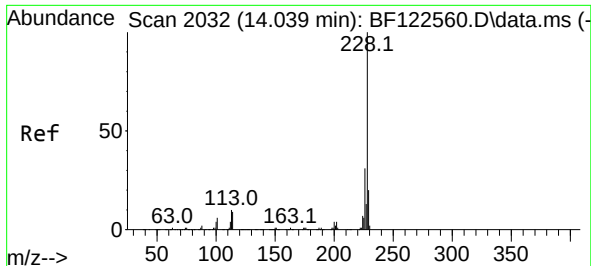
Tgt Ion:228 Resp: 1214805
Ion Ratio Lower Upper
228 100
226 27.4 23.0 34.4
229 19.7 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 14.93 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:252 Resp: 161941
Ion Ratio Lower Upper
252 100
254 64.4 52.7 79.1
126 10.3 8.0 12.0

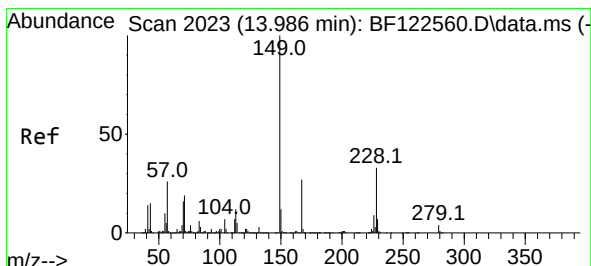
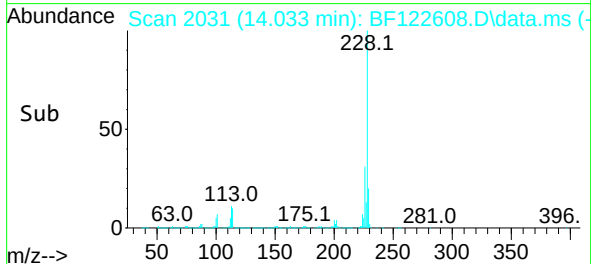
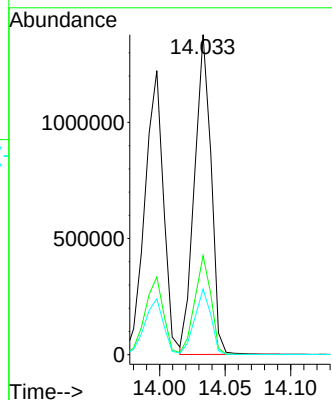
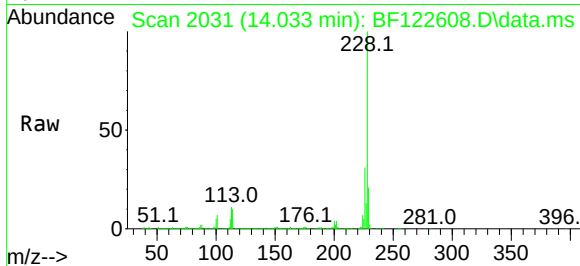




#83
Chrysene
Concen: 40.10 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

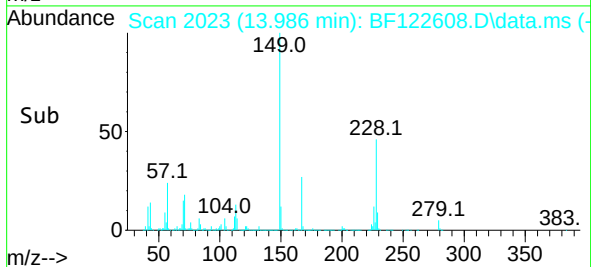
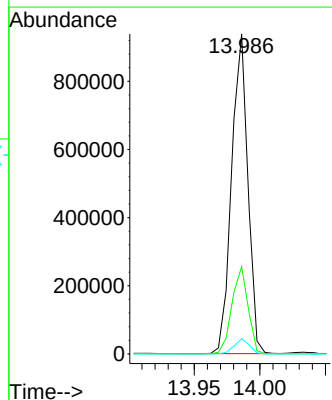
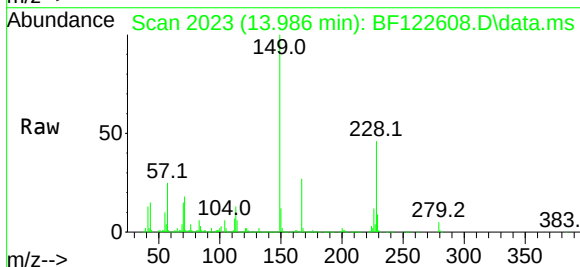
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

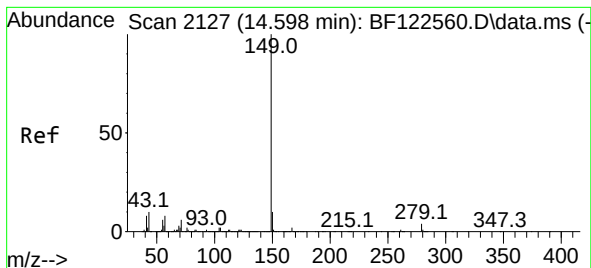
Tgt Ion:228 Resp: 1208418
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 20.5 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.41 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:149 Resp: 808449
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.7 3.4 5.0

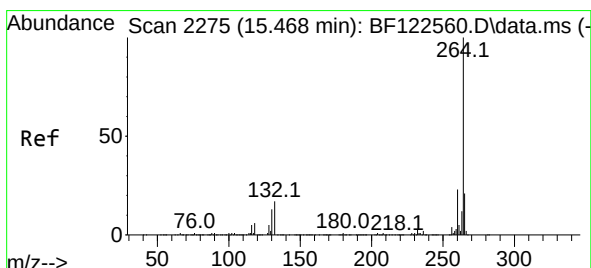
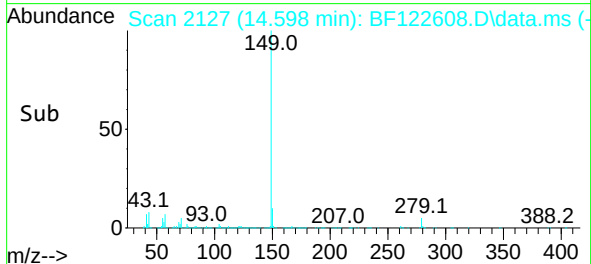
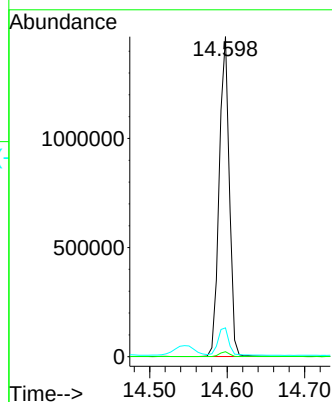
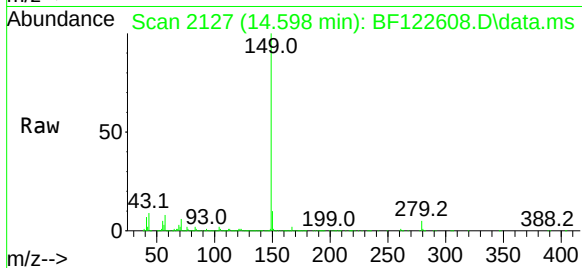




#85
Di-n-octyl phthalate
Concen: 36.97 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

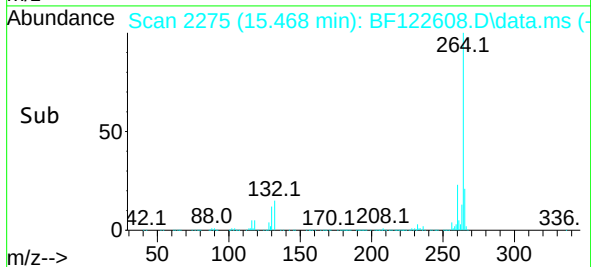
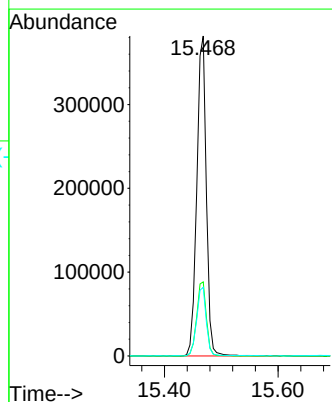
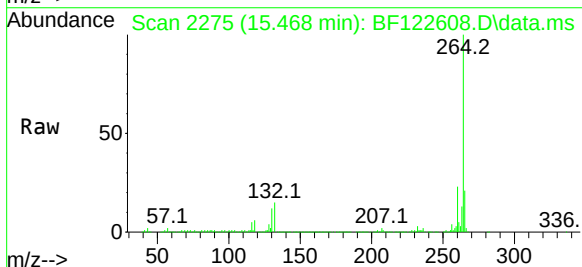
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

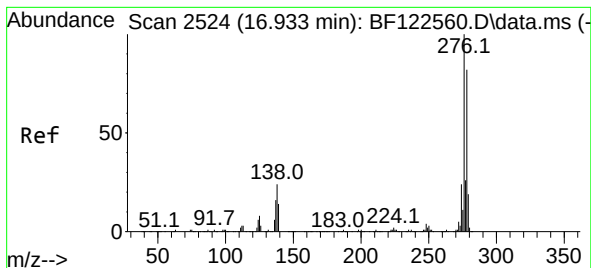
Tgt Ion:149 Resp: 1325283
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.4 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:264 Resp: 447534
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.39 ng

RT: 16.927 min Scan# 2523

Delta R.T. -0.006 min

Lab File: BF122608.D

Acq: 9 Dec 2020 12:30

Instrument :

BNA_F

ClientSampleId :

HSD-SOILMS

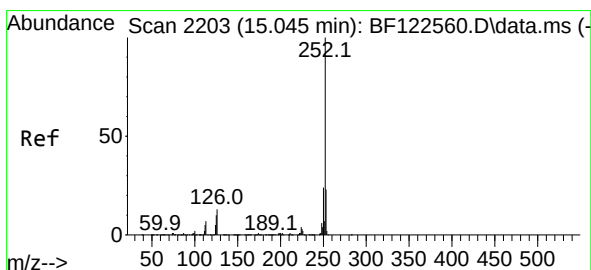
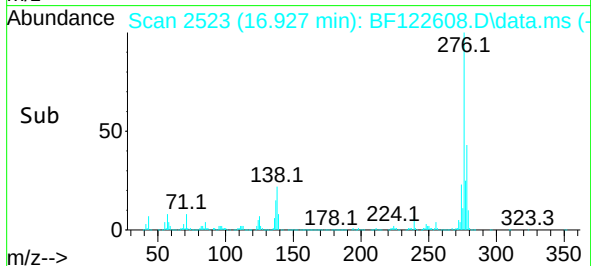
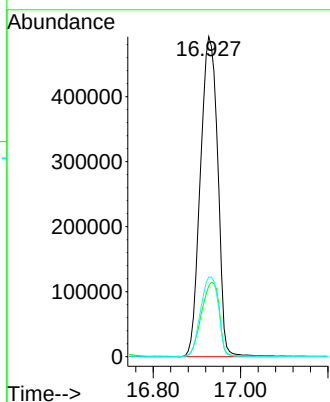
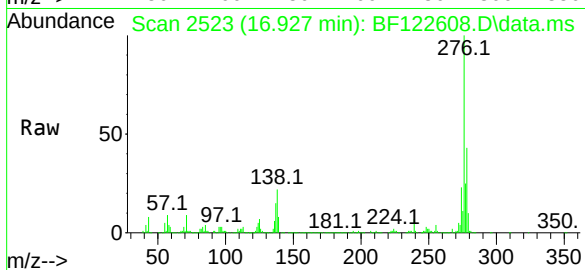
Tgt Ion:276 Resp: 1362816

Ion Ratio Lower Upper

276 100

138 23.8 18.7 28.1

277 25.8 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 38.70 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BF122608.D

Acq: 9 Dec 2020 12:30

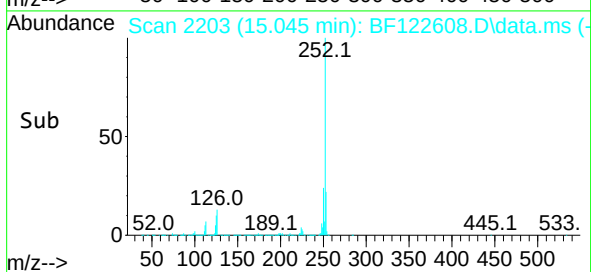
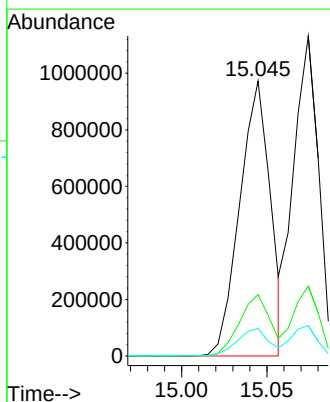
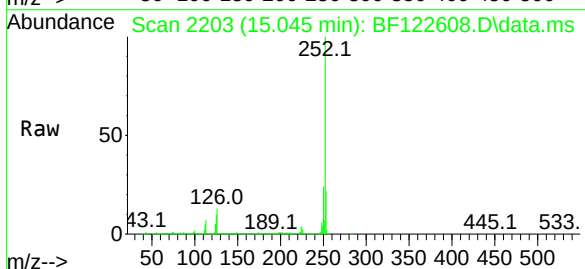
Tgt Ion:252 Resp: 1215086

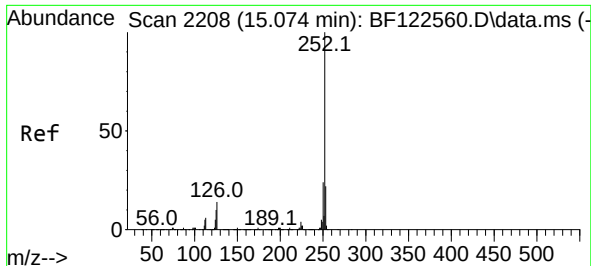
Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

125 10.0 8.1 12.1

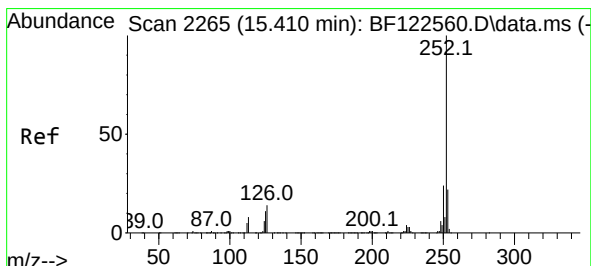
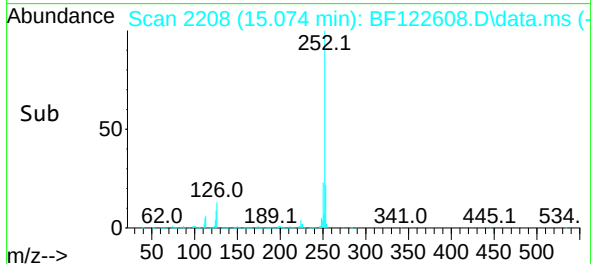
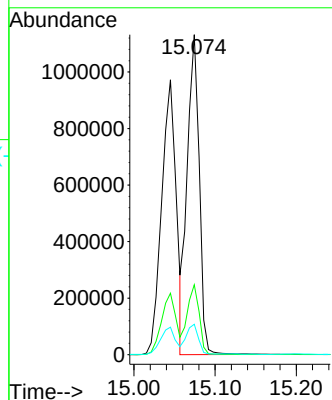
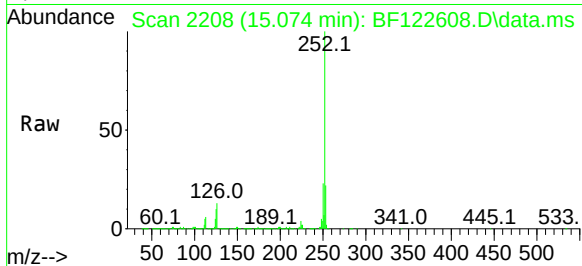




#89
Benzo(k)fluoranthene
Concen: 40.61 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

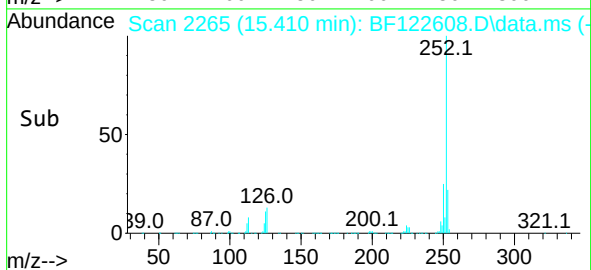
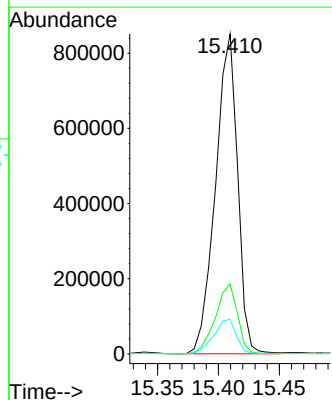
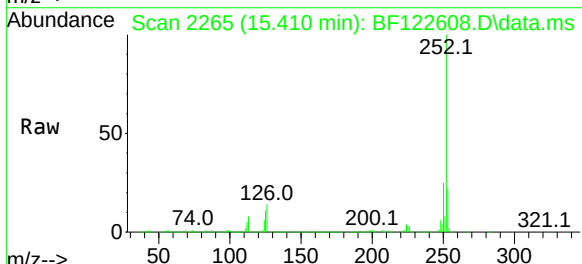
Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

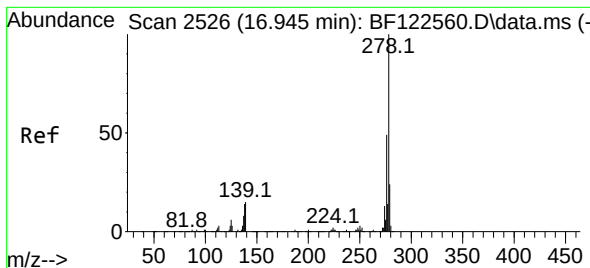
Tgt Ion:252 Resp: 1165882
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 39.01 ng
RT: 15.410 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:252 Resp: 1071573
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.8 8.6 12.8

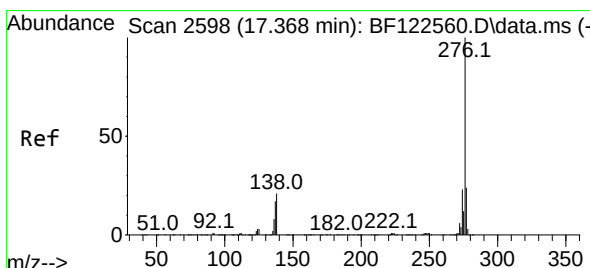
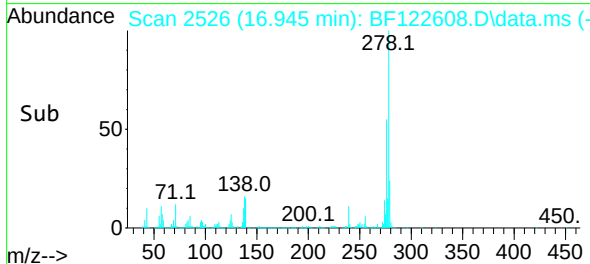
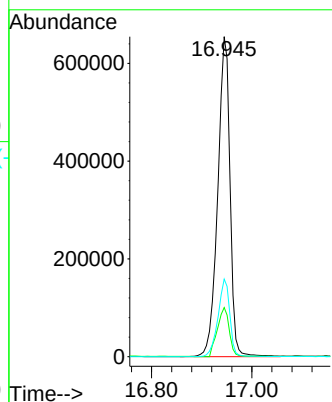
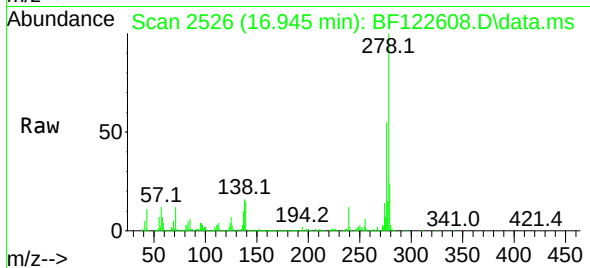




#91
Dibenzo(a,h)anthracene
Concen: 46.20 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

Tgt Ion:278 Resp: 1110860
Ion Ratio Lower Upper
278 100
139 15.3 12.0 18.0
279 24.3 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 51.80 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.006 min
Lab File: BF122608.D
Acq: 9 Dec 2020 12:30

Tgt Ion:276 Resp: 1205381
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 19.8 16.6 24.8

