

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140780.D
 Acq On : 06 Dec 2024 21:10
 Operator : RC/JU
 Sample : P5112-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 10TH-ST-SOILMS

Quant Time: Dec 06 21:57:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	69805	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	258221	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	131159	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	206862	20.000	ng	0.00
76) Chrysene-d12	14.057	240	144601	20.000	ng	0.00
86) Perylene-d12	15.557	264	118347	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	479754	117.264	ng	0.01
7) Phenol-d6	6.516	99	617571	114.181	ng	0.00
23) Nitrobenzene-d5	7.434	82	398848	79.007	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	153689	109.562	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	739404	83.995	ng	-0.01
79) Terphenyl-d14	12.986	244	622115	66.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	76075	44.226	ng	98
3) Pyridine	3.469	79	181454	47.944	ng	99
4) n-Nitrosodimethylamine	3.422	42	101941	45.828	ng	95
6) Aniline	6.539	93	104176	27.365	ng	# 32
8) 2-Chlorophenol	6.663	128	231575	52.612	ng	96
9) Benzaldehyde	6.428	77	70554	24.641	ng	99
10) Phenol	6.534	94	291619	52.795	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	222023	52.527	ng	99
12) 1,3-Dichlorobenzene	6.810	146	246479	49.836	ng	98
13) 1,4-Dichlorobenzene	6.886	146	249712	49.865	ng	100
14) 1,2-Dichlorobenzene	7.039	146	236351	50.368	ng	99
15) Benzyl Alcohol	7.016	79	199133	49.646	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	263833	52.835	ng	64
17) 2-Methylphenol	7.139	107	179096	50.831	ng	93
18) Hexachloroethane	7.375	117	90808	48.551	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	165669	51.828	ng	97
20) 3+4-Methylphenols	7.292	107	240614	53.130	ng	# 68
22) Acetophenone	7.281	105	318476	50.589	ng	# 93
24) Nitrobenzene	7.457	77	245585	47.069	ng	96
25) Isophorone	7.692	82	446510	53.029	ng	99
26) 2-Nitrophenol	7.769	139	123914	53.592	ng	96
27) 2,4-Dimethylphenol	7.810	122	170881	61.768	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	268753	52.393	ng	99
29) 2,4-Dichlorophenol	8.022	162	192725	52.574	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	205081	48.998	ng	98
31) Naphthalene	8.175	128	715648	53.805	ng	100
32) Benzoic acid	7.951	122	89314	38.732	ng	93
33) 4-Chloroaniline	8.239	127	39048	9.805	ng	99
34) Hexachlorobutadiene	8.281	225	141982	51.215	ng	98
35) Caprolactam	8.598	113	57979	51.108	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	202348	49.301	ng	99
37) 2-Methylnaphthalene	8.863	142	457956	54.209	ng	99
38) 1-Methylnaphthalene	8.963	142	426554	51.512	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	211135	54.988	ng	100
41) Hexachlorocyclopentadiene	9.010	237	55710	65.957	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	131134	54.427	ng	99

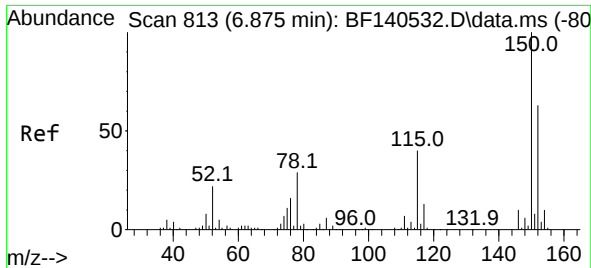
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	131630	50.339	ng	98
46) 1,1'-Biphenyl	9.328	154	540409	55.186	ng	99
47) 2-Chloronaphthalene	9.351	162	396081	53.381	ng	99
48) 2-Nitroaniline	9.457	65	121168	50.875	ng	96
49) Acenaphthylene	9.769	152	651419	58.105	ng	100
50) Dimethylphthalate	9.627	163	486793	56.354	ng	100
51) 2,6-Dinitrotoluene	9.698	165	100491	51.295	ng	92
52) Acenaphthene	9.939	154	431031	60.509	ng	99
53) 3-Nitroaniline	9.869	138	61090	31.883	ng	96
54) 2,4-Dinitrophenol	9.992	184	54335	56.139	ng	95
55) Dibenzofuran	10.116	168	614414	56.547	ng	100
56) 4-Nitrophenol	10.057	139	87028	66.599	ng	93
57) 2,4-Dinitrotoluene	10.104	165	126412	48.552	ng	94
58) Fluorene	10.457	166	508665	58.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	100101	49.811	ng	93
60) Diethylphthalate	10.327	149	477581	54.416	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	224764	52.514	ng	98
62) 4-Nitroaniline	10.486	138	85376	42.484	ng	94
63) Azobenzene	10.604	77	455072	54.754	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	48452	45.836	ng	97
66) n-Nitrosodiphenylamine	10.569	169	384581	62.866	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	123268	57.862	ng	98
68) Hexachlorobenzene	11.010	284	132968	53.904	ng	99
69) Atrazine	11.098	200	113461	65.929	ng	99
70) Pentachlorophenol	11.216	266	88557	81.569	ng	100
71) Phenanthrene	11.427	178	1457178	146.544	ng	99
72) Anthracene	11.480	178	762241	78.365	ng	99
73) Carbazole	11.639	167	563151	60.184	ng	100
74) Di-n-butylphthalate	11.951	149	638201	59.077	ng	100
75) Fluoranthene	12.621	202	1695660	157.060	ng	98
77) Benzidine	12.745	184	138463	32.935	ng	99
78) Pyrene	12.857	202	1566168	117.139	ng	99
80) Butylbenzylphthalate	13.457	149	246729	51.226	ng	98
81) Benzo(a)anthracene	14.045	228	1105936	115.539	ng	97
82) 3,3'-Dichlorobenzidine	14.004	252	101927	35.467	ng	99
83) Chrysene	14.086	228	860669	98.334	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	369920	60.824	ng	99
85) Di-n-octyl phthalate	14.639	149	618045	74.360	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	472998	61.328	ng	98
88) Benzo(b)fluoranthene	15.121	252	885287	119.094	ng	98
89) Benzo(k)fluoranthene	15.121	252	885287	136.093	ng	98
90) Benzo(a)pyrene	15.498	252	633581	104.827	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	302339	47.867	ng	99
92) Benzo(g,h,i)perylene	17.539	276	366946	56.931	ng	99

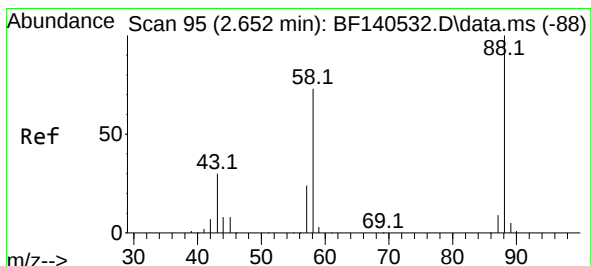
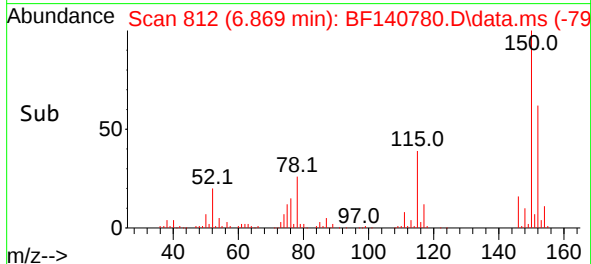
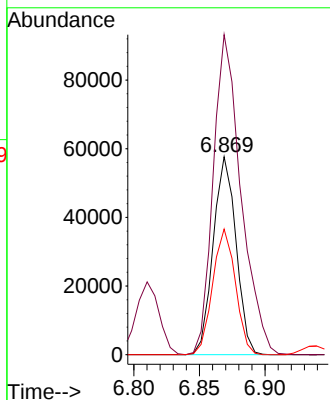
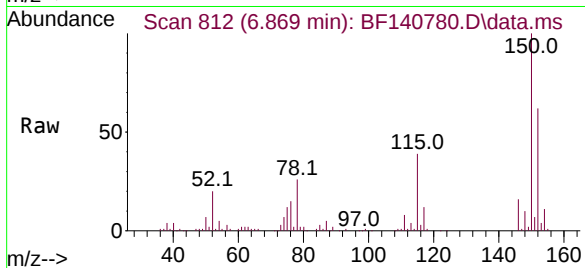
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140780.D
 Acq: 06 Dec 2024 21:10

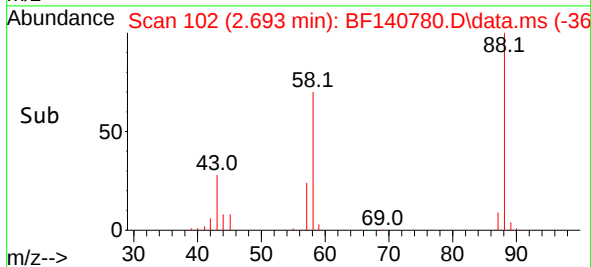
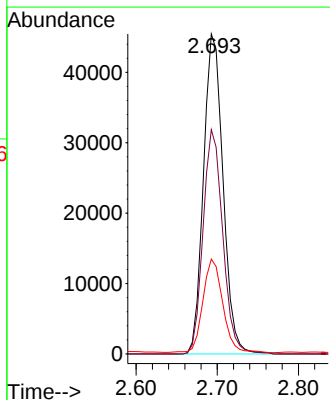
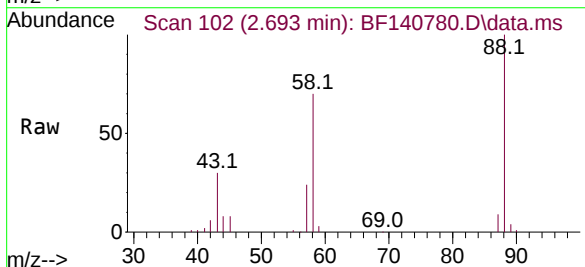
Instrument :
 BNA_F
 ClientSampleId :
 10TH-ST-SOILMS

Tgt Ion:152 Resp: 69805
 Ion Ratio Lower Upper
 152 100
 150 161.7 128.5 192.7
 115 63.4 50.2 75.4



#2
 1,4-Dioxane
 Concen: 44.226 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.041 min
 Lab File: BF140780.D
 Acq: 06 Dec 2024 21:10

Tgt Ion: 88 Resp: 76075
 Ion Ratio Lower Upper
 88 100
 58 70.4 57.4 86.2
 43 29.7 24.3 36.5





#3

Pyridine

Concen: 47.944 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

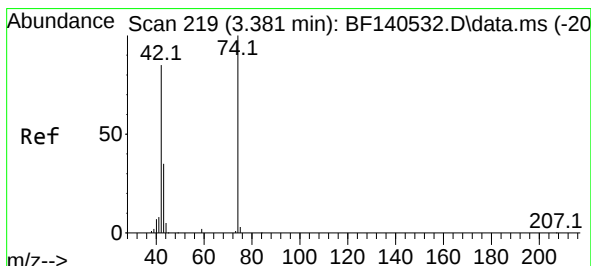
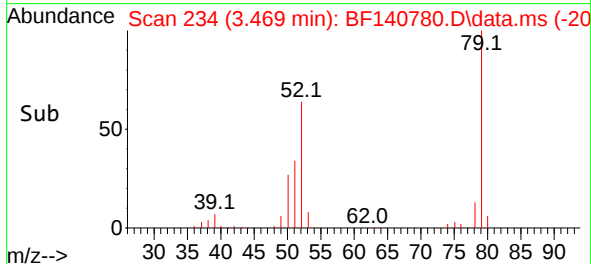
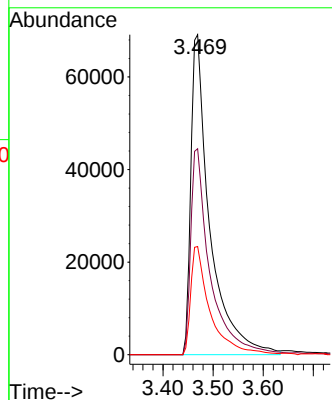
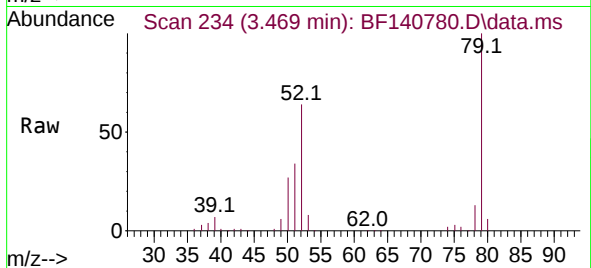
Tgt Ion: 79 Resp: 181454

Ion Ratio Lower Upper

79 100

52 64.4 52.1 78.1

51 33.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.828 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.041 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

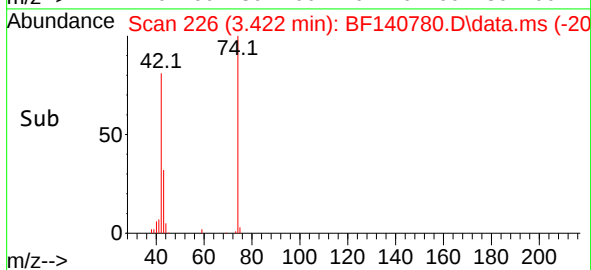
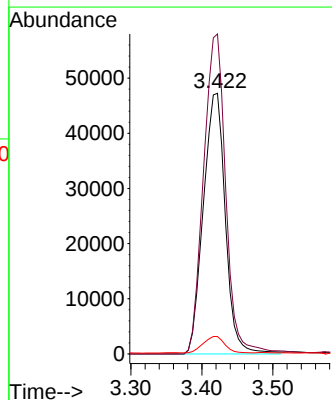
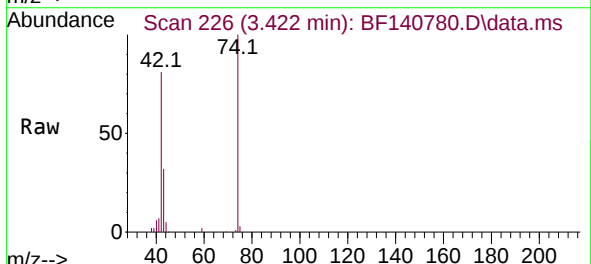
Tgt Ion: 42 Resp: 101941

Ion Ratio Lower Upper

42 100

74 122.8 93.8 140.6

44 6.7 4.6 6.8

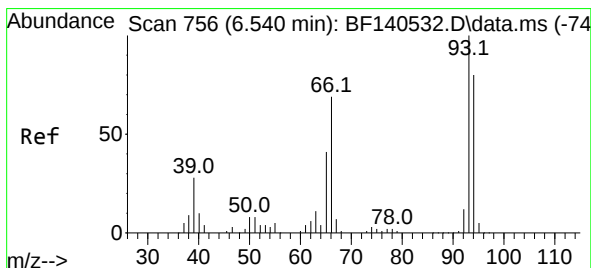
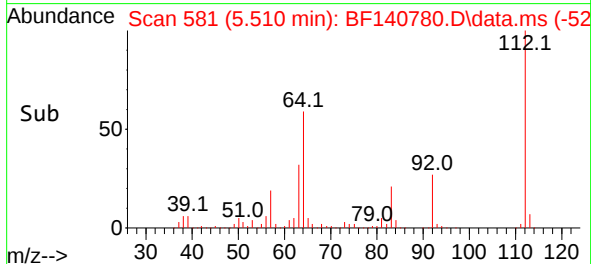
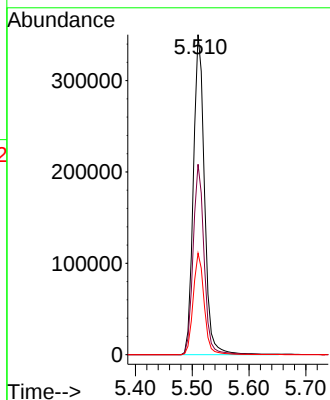
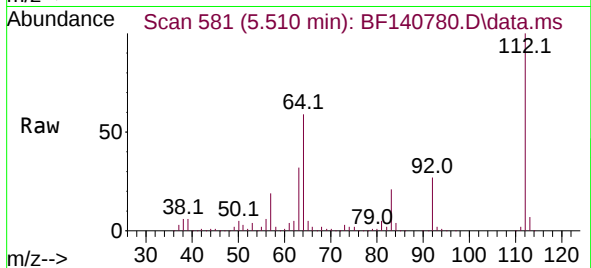




#5
2-Fluorophenol
Concen: 117.264 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

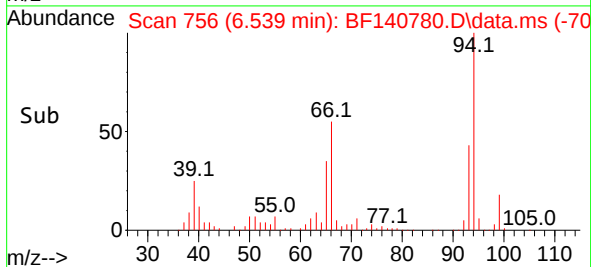
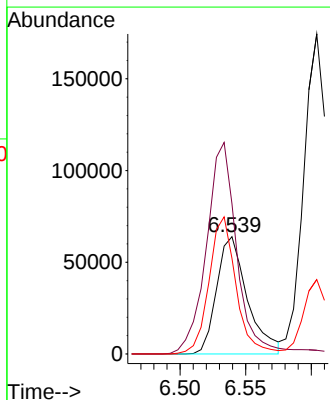
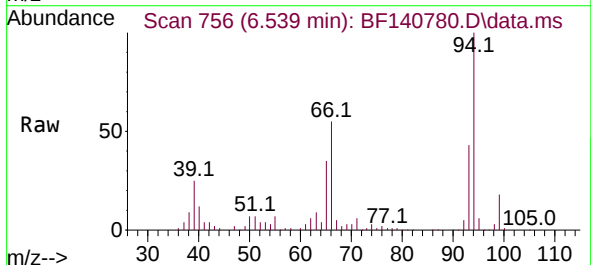
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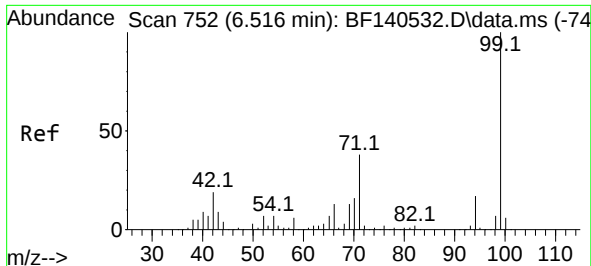
Tgt Ion:112 Resp: 479754
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.7 27.0 40.4



#6
Aniline
Concen: 27.365 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion: 93 Resp: 104176
Ion Ratio Lower Upper
93 100
66 128.1 56.5 84.7#
65 81.5 32.9 49.3#

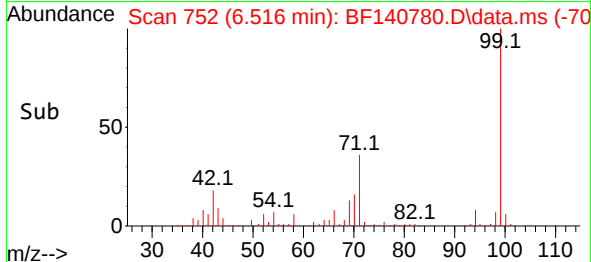
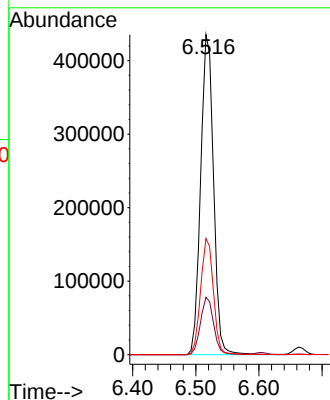
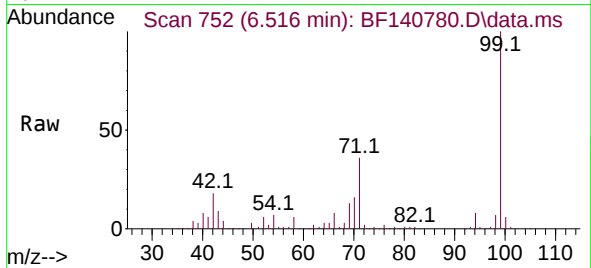




#7
Phenol-d6
Concen: 114.181 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

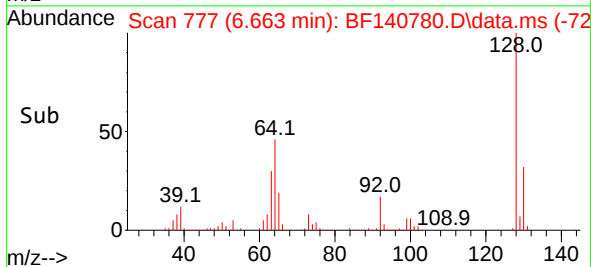
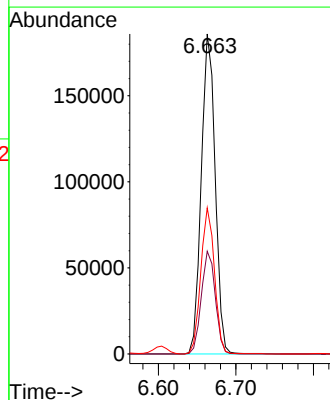
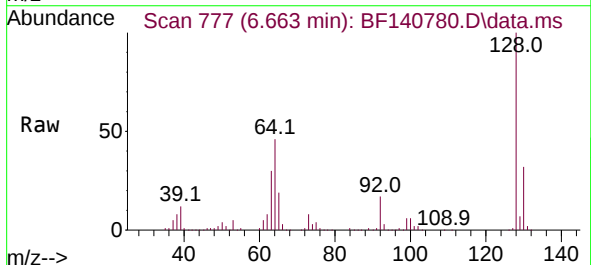
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion: 99 Resp: 617571
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.3 30.6 46.0



#8
2-Chlorophenol
Concen: 52.612 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:128 Resp: 231575
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 45.6 30.2 70.2





#9

Benzaldehyde

Concen: 24.641 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

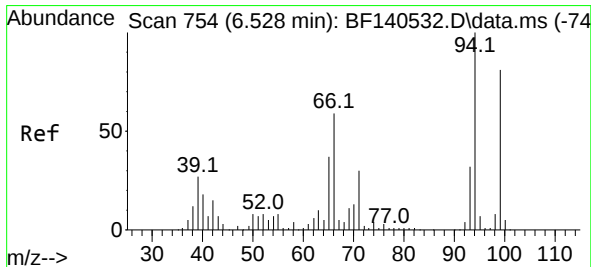
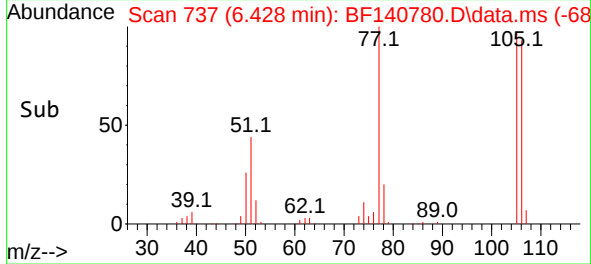
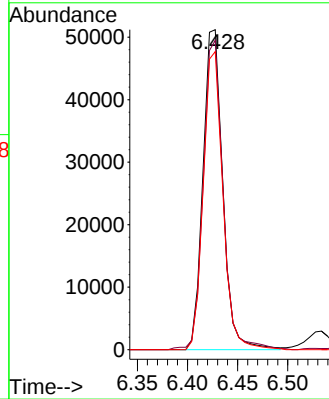
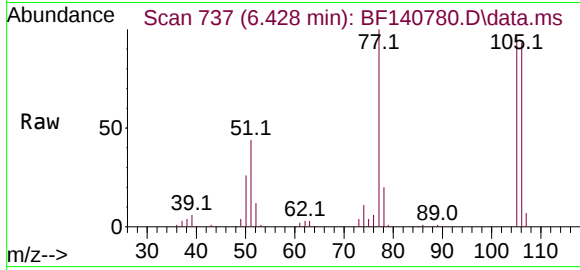
Tgt Ion: 77 Resp: 70554

Ion Ratio Lower Upper

77 100

105 96.7 75.6 115.6

106 93.1 72.0 112.0



#10

Phenol

Concen: 52.795 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

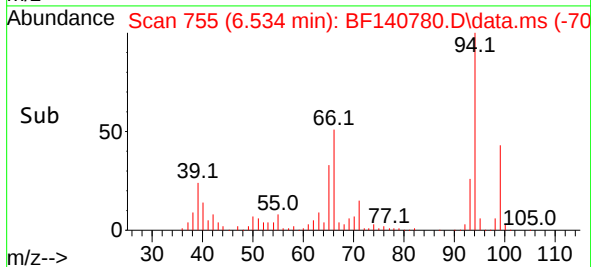
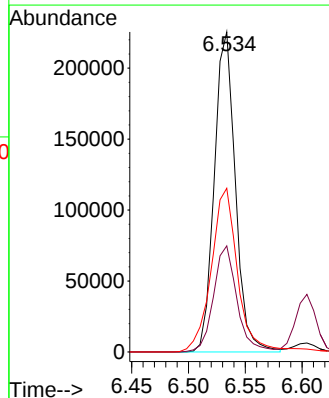
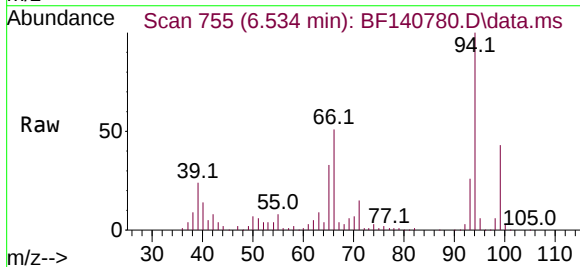
Tgt Ion: 94 Resp: 291619

Ion Ratio Lower Upper

94 100

65 33.2 17.2 57.2

66 51.1 39.2 79.2



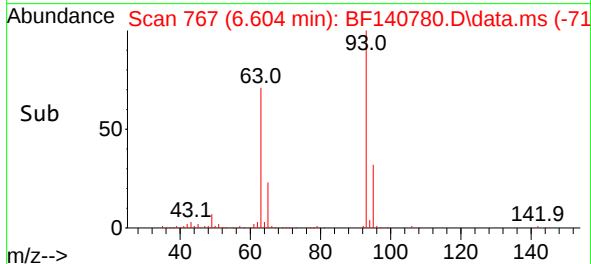
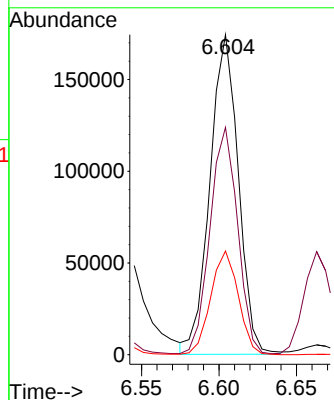
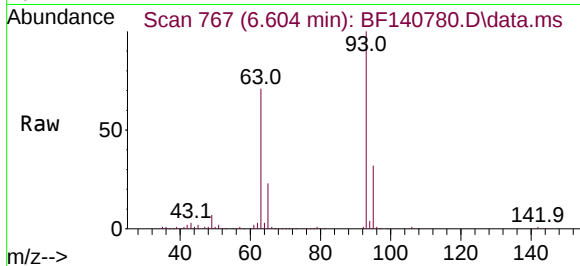


#11
bis(2-Chloroethyl)ether
Concen: 52.527 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion: 93 Resp: 222023

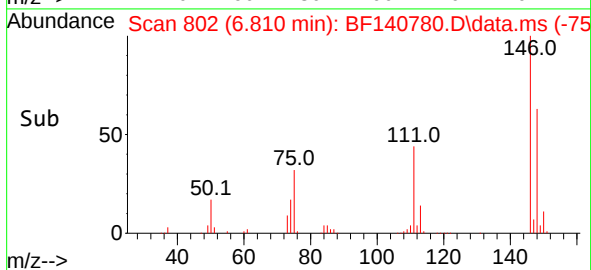
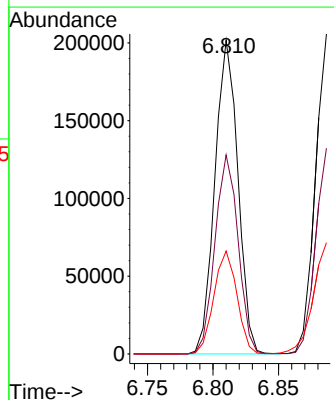
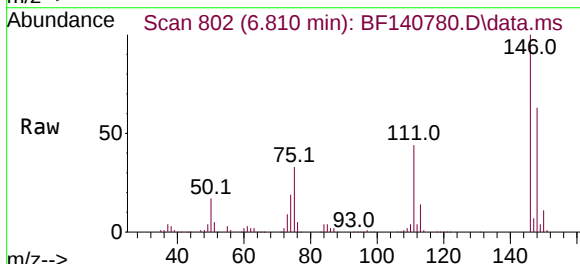
Ion	Ratio	Lower	Upper
93	100		
63	71.0	52.8	92.8
95	32.4	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 49.836 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion: 146 Resp: 246479

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
75	32.8	28.2	42.2

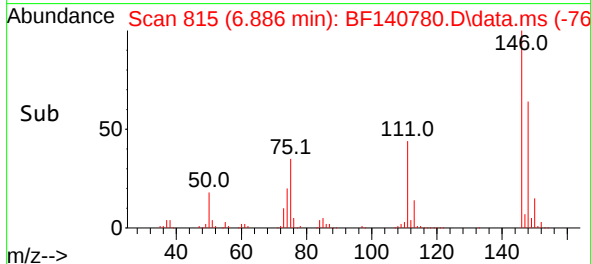
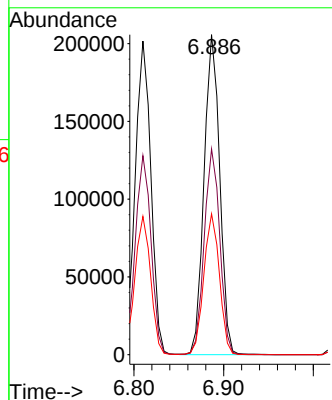
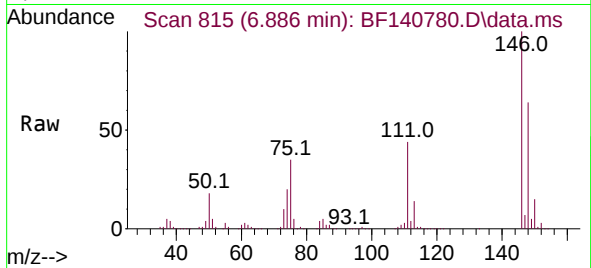




#13
1,4-Dichlorobenzene
Concen: 49.865 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

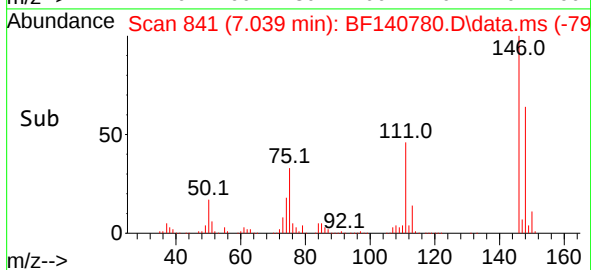
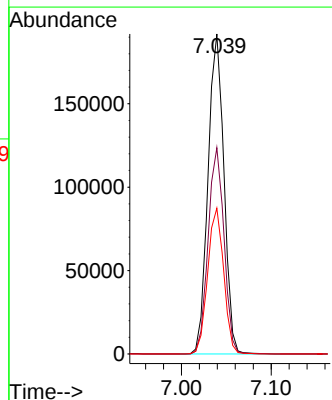
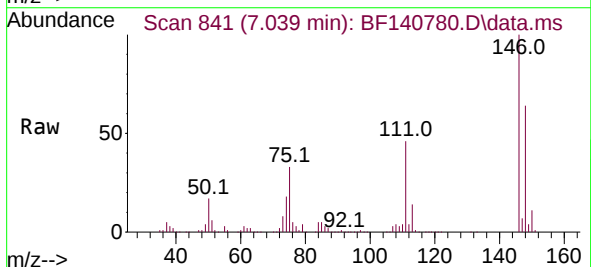
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion:146 Resp: 249712
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 44.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 50.368 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:146 Resp: 236351
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
111 45.6 36.7 55.1

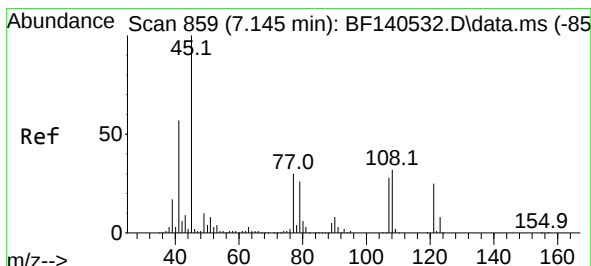
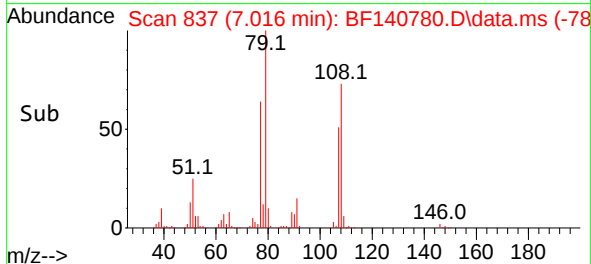
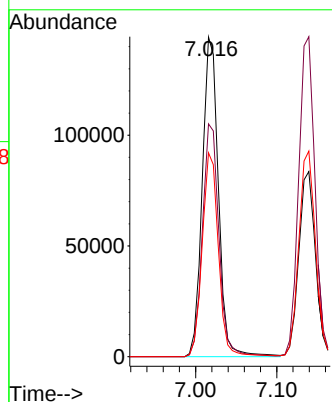
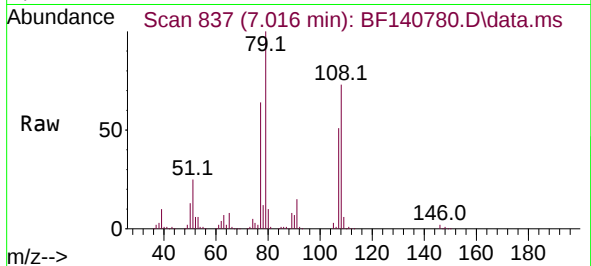




#15
Benzyl Alcohol
Concen: 49.646 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

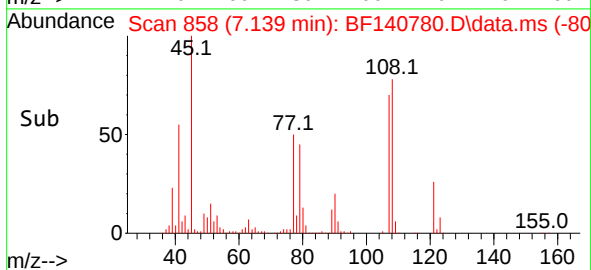
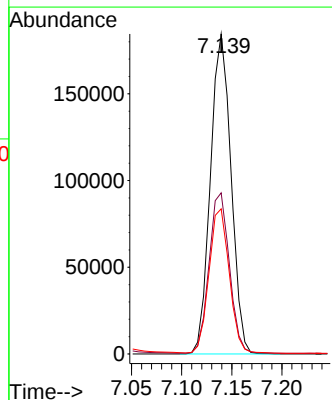
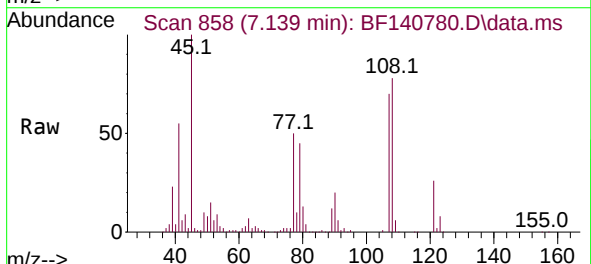
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

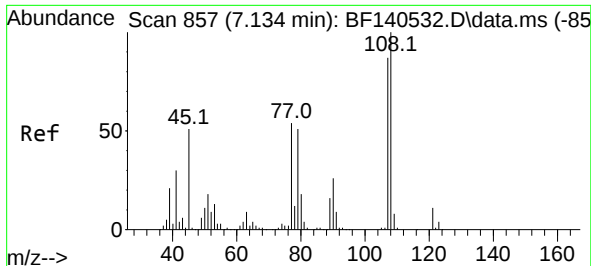
Tgt Ion: 79 Resp: 199133
Ion Ratio Lower Upper
79 100
108 72.8 55.0 82.6
77 63.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.835 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion: 45 Resp: 263833
Ion Ratio Lower Upper
45 100
77 50.3 10.7 50.7
79 45.3 7.0 47.0

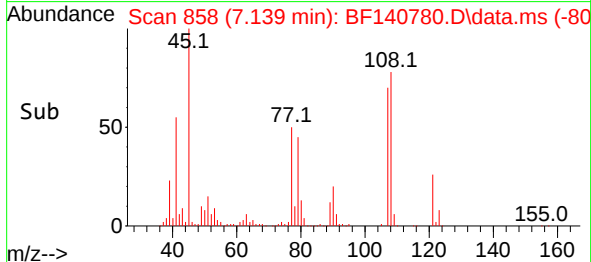
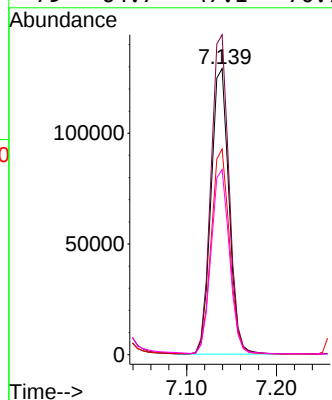
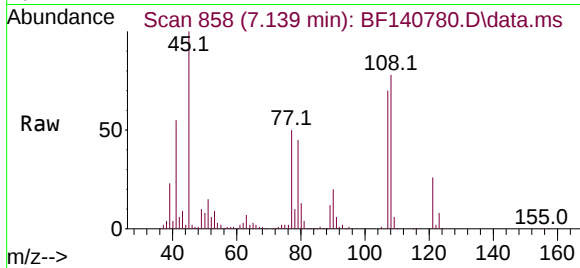




#17
2-Methylphenol
Concen: 50.831 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

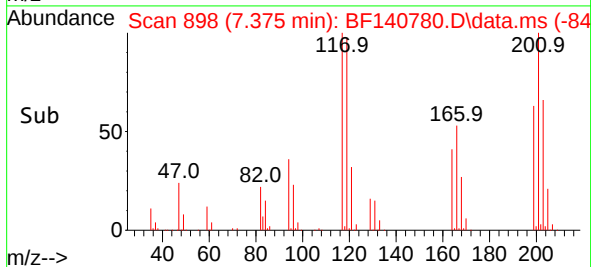
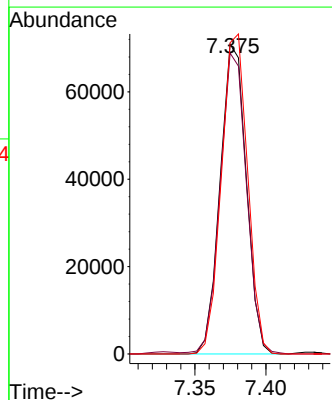
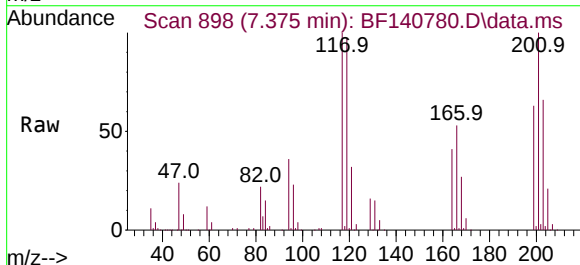
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

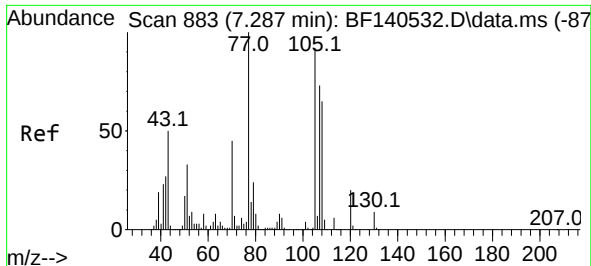
Tgt Ion:	107	Resp:	179096
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	71.9	49.3	73.9
79	64.7	47.1	70.7



#18
Hexachloroethane
Concen: 48.551 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:	117	Resp:	90808
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.1	115.7
201	100.5	81.1	121.7



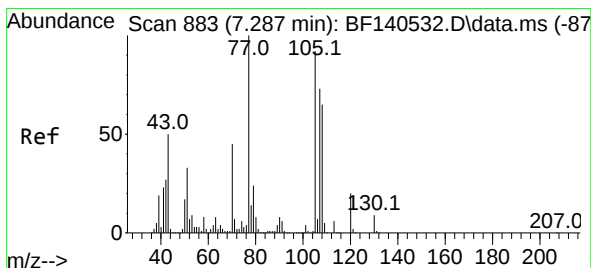
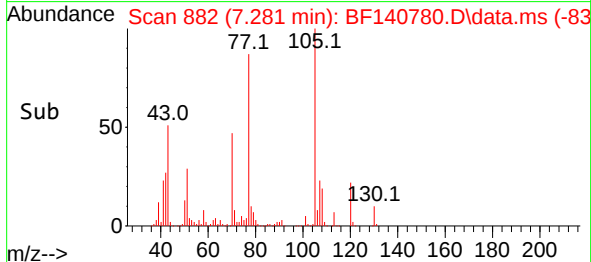
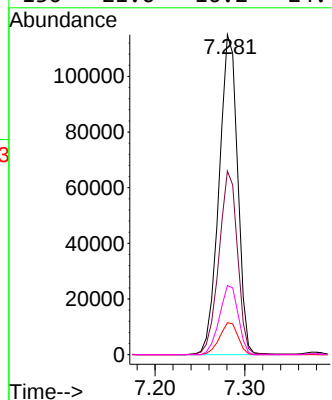
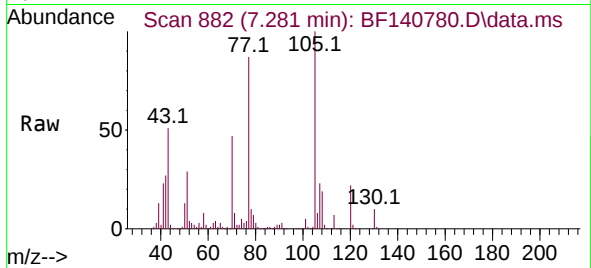


#19
n-Nitroso-di-n-propylamine
Concen: 51.828 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion: 70 Resp: 165669

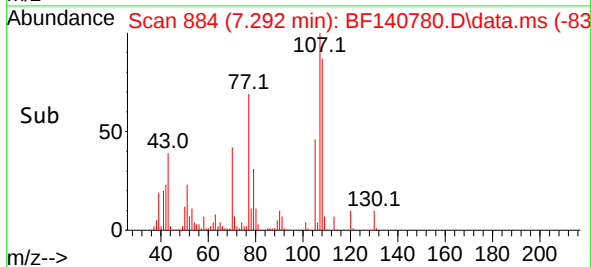
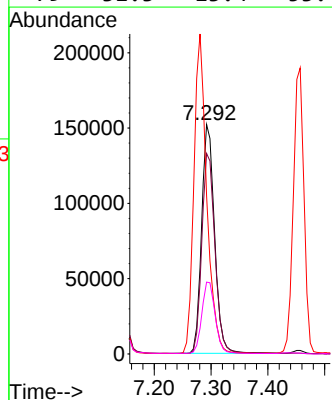
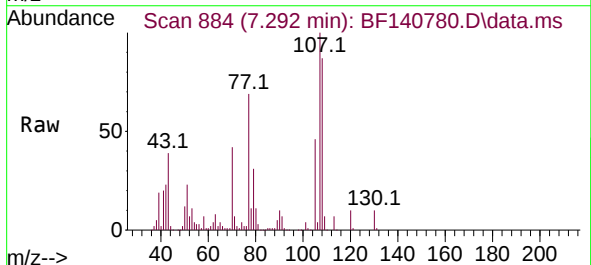
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.6	71.4
101	10.0	7.6	11.4
130	21.6	16.2	24.4



#20
3+4-Methylphenols
Concen: 53.130 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion: 107 Resp: 240614

Ion	Ratio	Lower	Upper
107	100		
108	87.4	69.9	109.9
77	68.8	117.7	157.7#
79	31.3	13.4	53.4

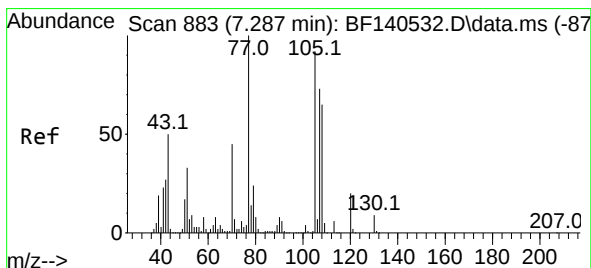
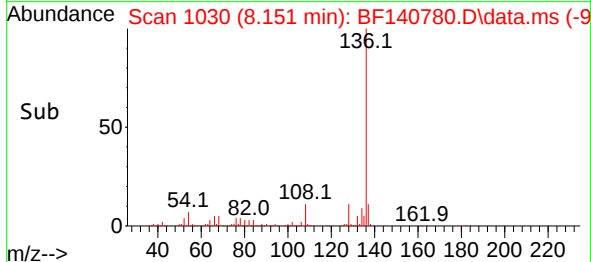
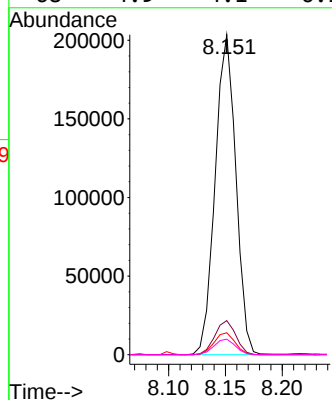
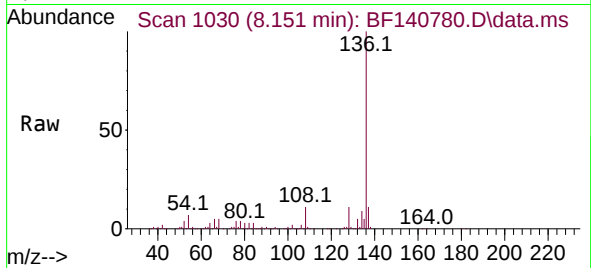




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

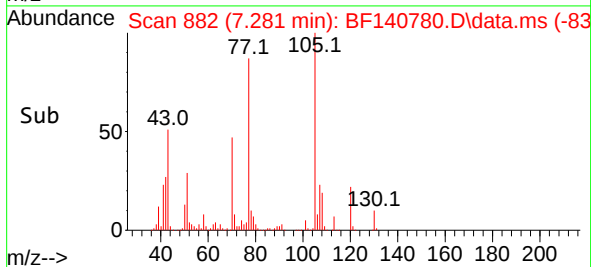
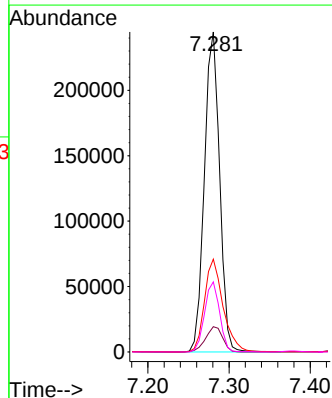
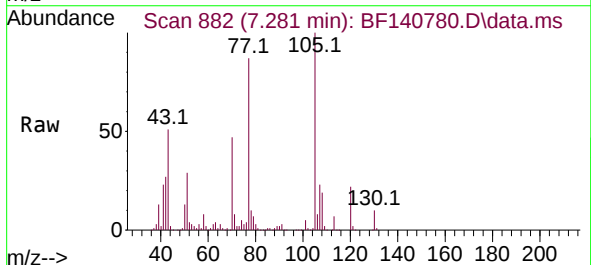
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion:	136	Resp:	258221
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	6.8	5.8	8.8
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 50.589 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:	105	Resp:	318476
Ion Ratio	Lower	Upper	
105	100		
71	7.9	6.2	9.2
51	29.0	29.0	43.6#
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 79.007 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

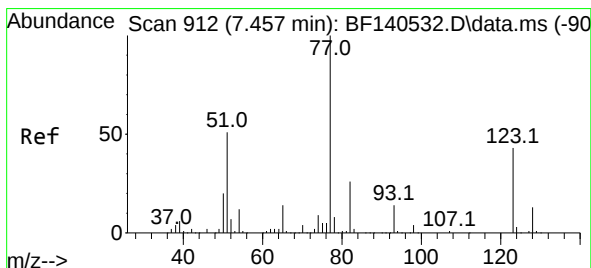
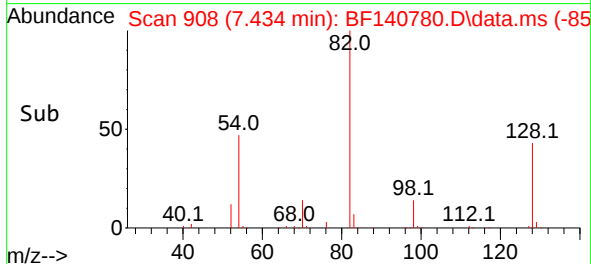
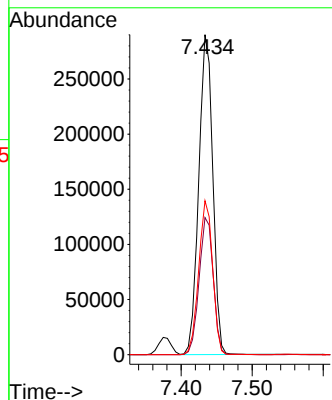
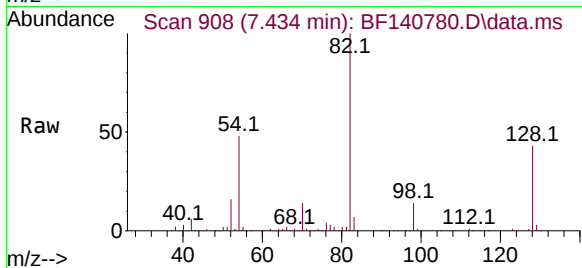
Tgt Ion: 82 Resp: 398848

Ion Ratio Lower Upper

82 100

128 42.9 33.0 49.4

54 48.1 39.5 59.3



#24

Nitrobenzene

Concen: 47.069 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

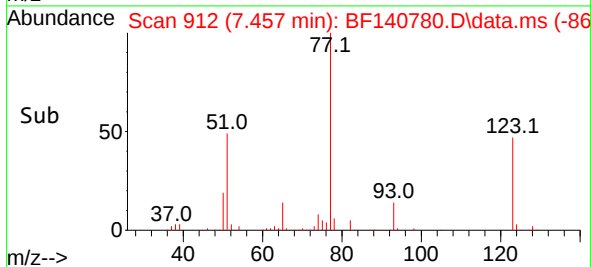
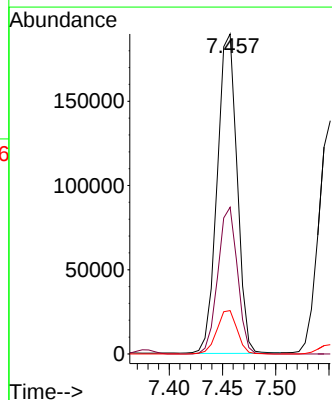
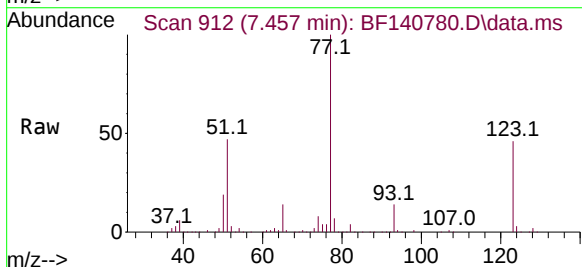
Tgt Ion: 77 Resp: 245585

Ion Ratio Lower Upper

77 100

123 45.9 34.3 51.5

65 13.6 11.2 16.8

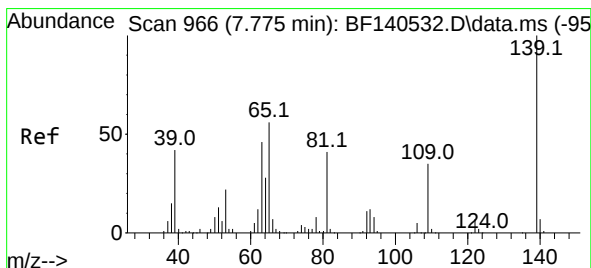
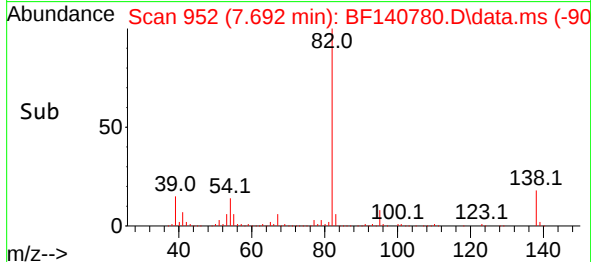
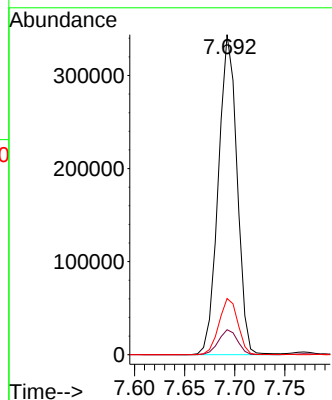
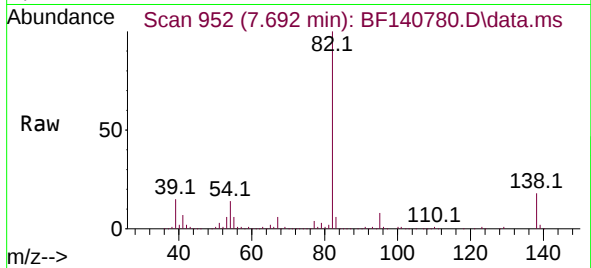




#25
Isophorone
Concen: 53.029 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

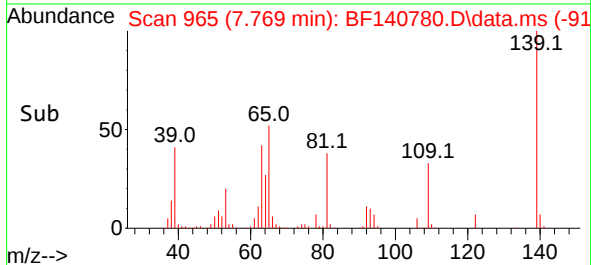
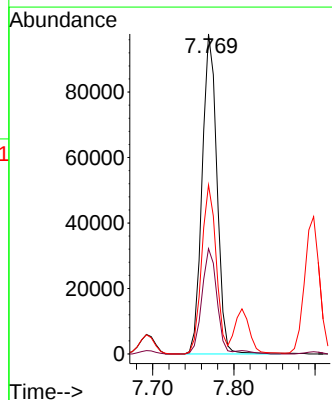
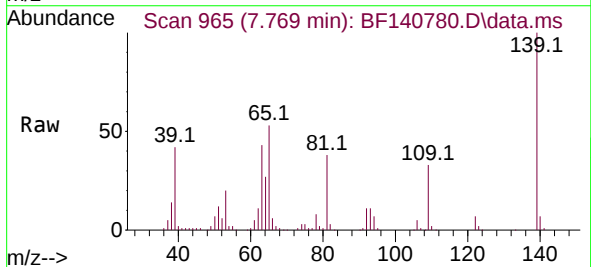
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion: 82 Resp: 446510
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.8 20.6



#26
2-Nitrophenol
Concen: 53.592 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:139 Resp: 123914
Ion Ratio Lower Upper
139 100
109 32.9 28.0 42.0
65 52.8 44.6 67.0

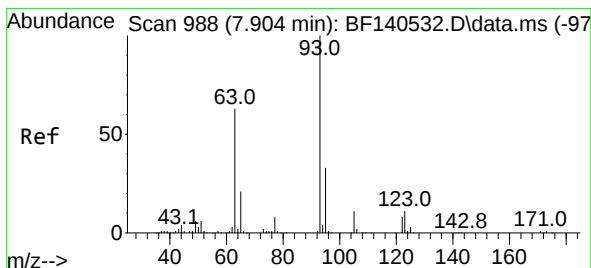
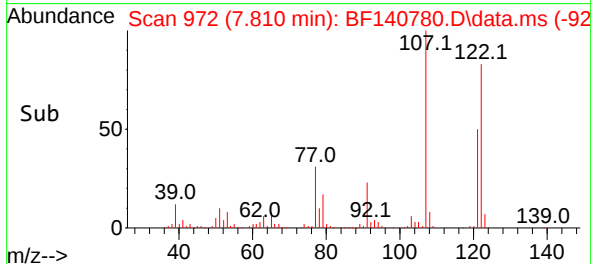
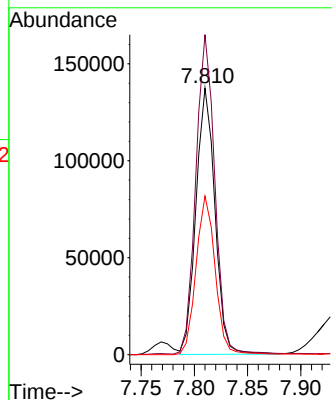
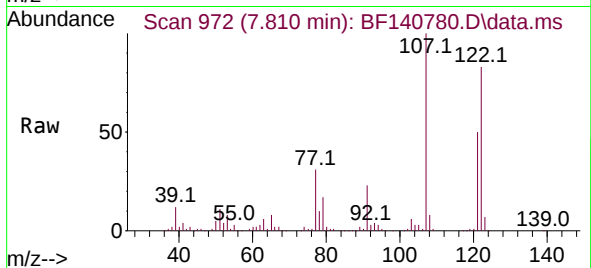




#27
2,4-Dimethylphenol
Concen: 61.768 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

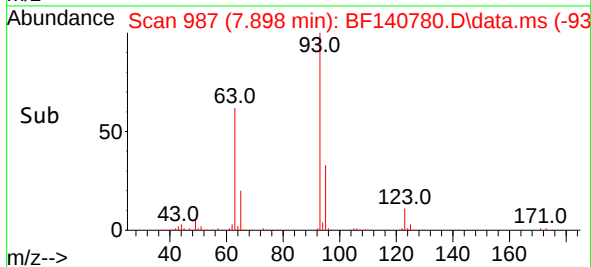
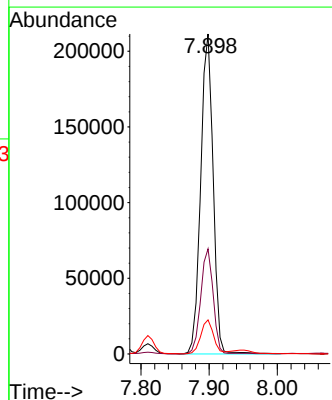
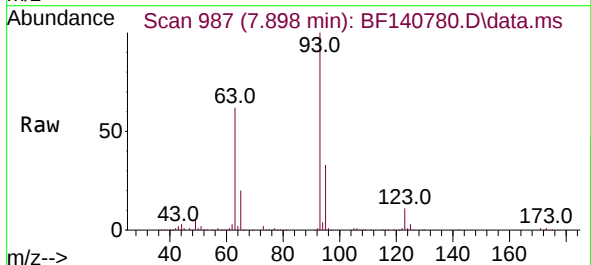
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion:122 Resp: 170881
Ion Ratio Lower Upper
122 100
107 120.1 96.8 145.2
121 59.5 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 52.393 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion: 93 Resp: 268753
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.574 ng

RT: 8.022 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

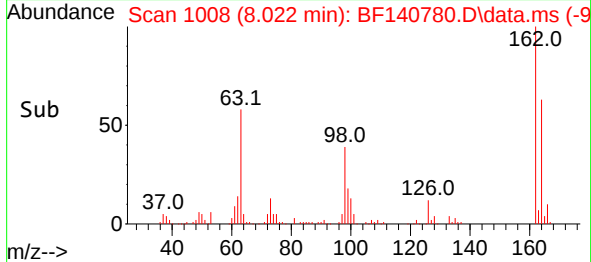
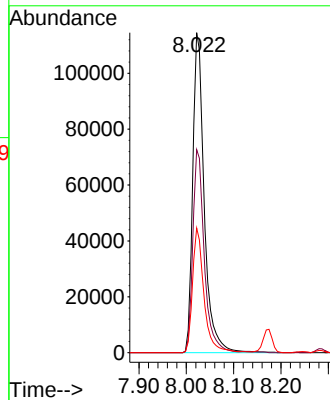
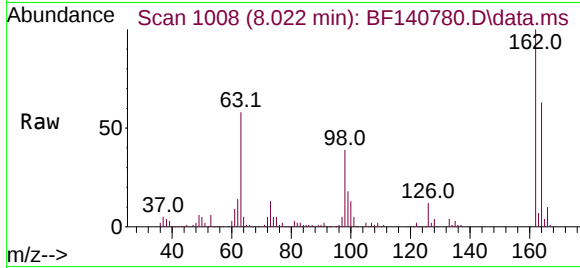
Tgt Ion:162 Resp: 192725

Ion Ratio Lower Upper

162 100

164 63.4 44.8 84.8

98 38.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.998 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

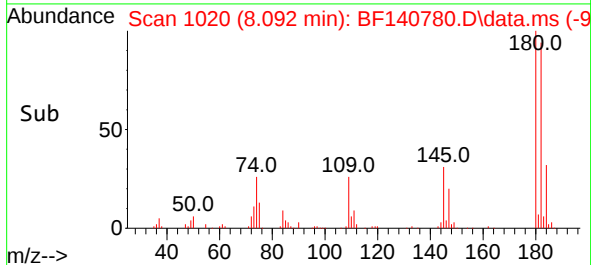
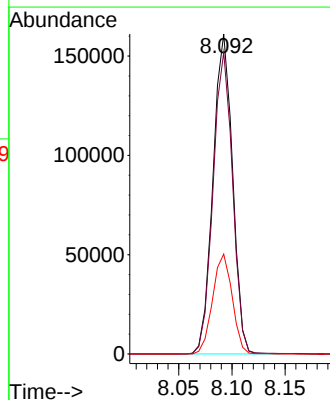
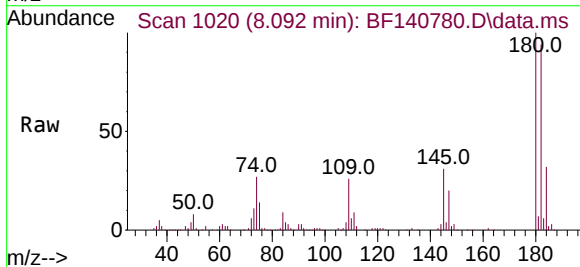
Tgt Ion:180 Resp: 205081

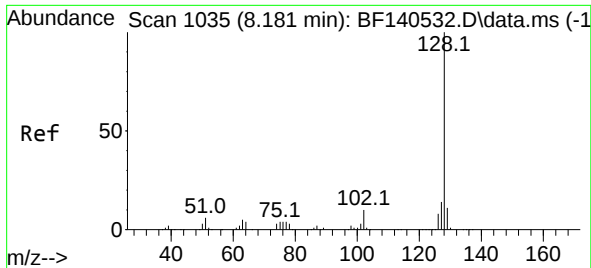
Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

145 31.2 25.9 38.9

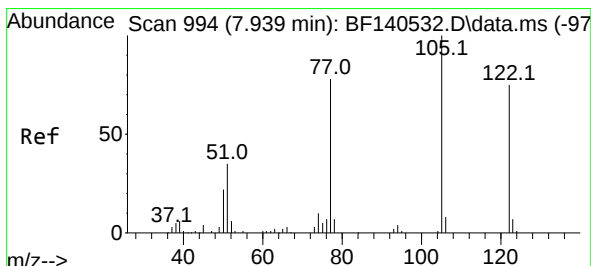
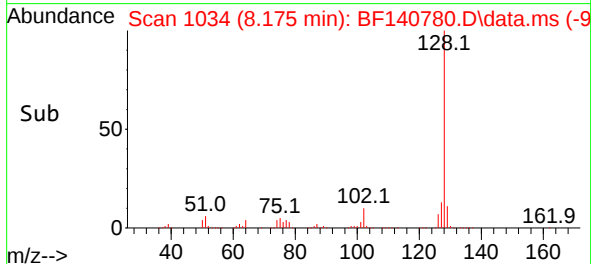
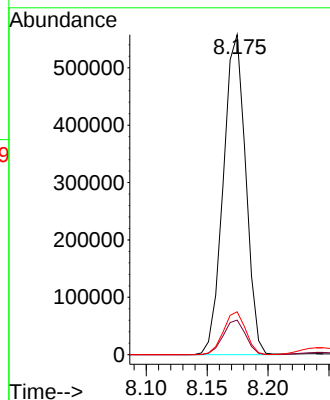
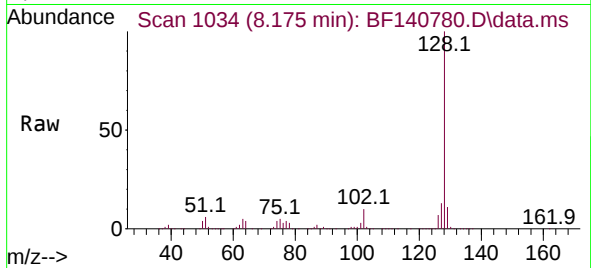




#31
Naphthalene
Concen: 53.805 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

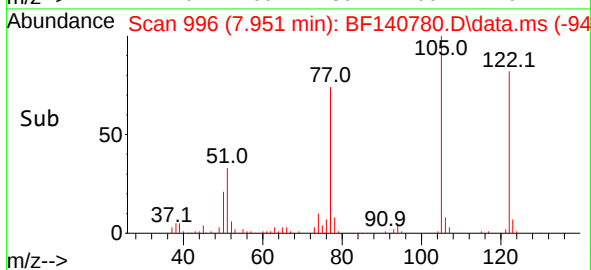
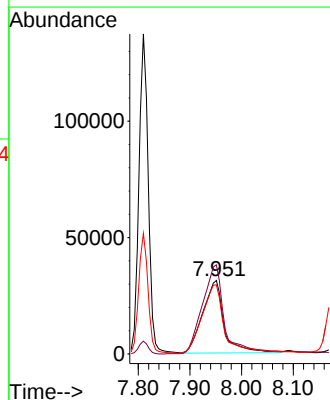
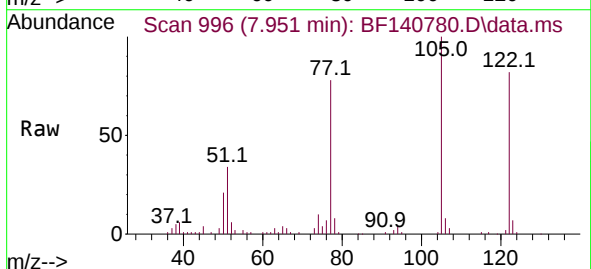
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

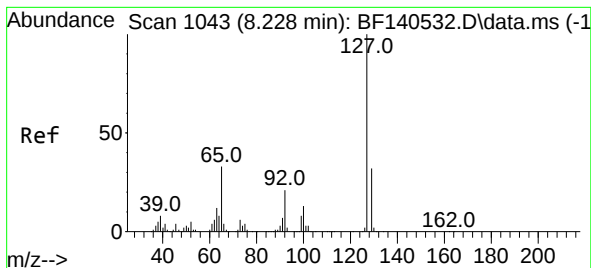
Tgt Ion:128 Resp: 715648
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 38.732 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:122 Resp: 89314
Ion Ratio Lower Upper
122 100
105 121.3 109.3 149.3
77 94.1 82.3 122.3





#33

4-Chloroaniline

Concen: 9.805 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.012 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

Tgt Ion:127 Resp: 39048

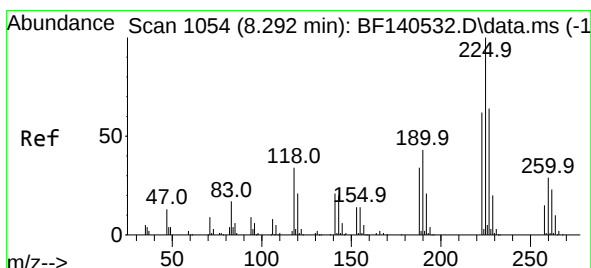
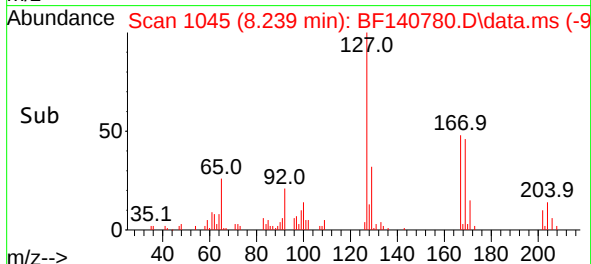
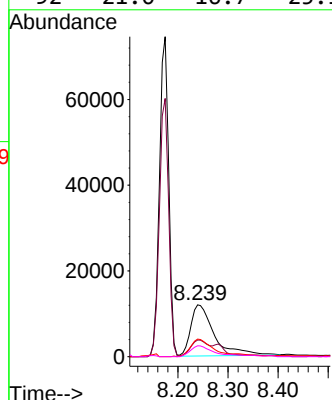
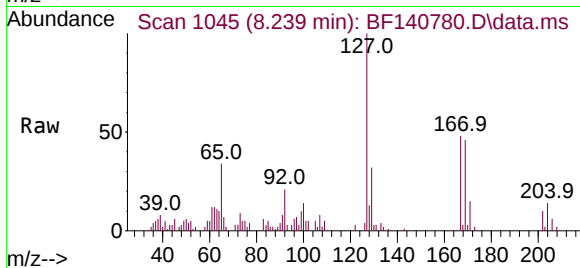
Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

65 33.9 26.0 39.0

92 21.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 51.215 ng

RT: 8.281 min Scan# 1052

Delta R.T. -0.012 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

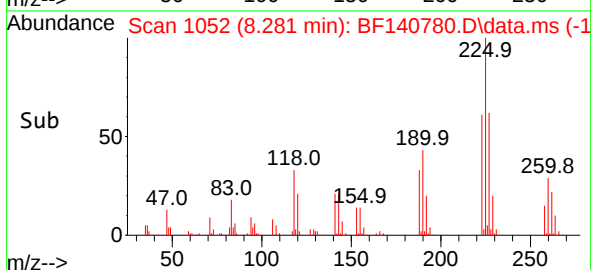
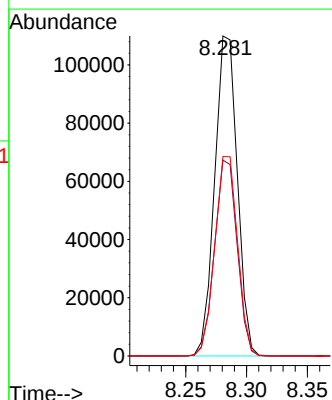
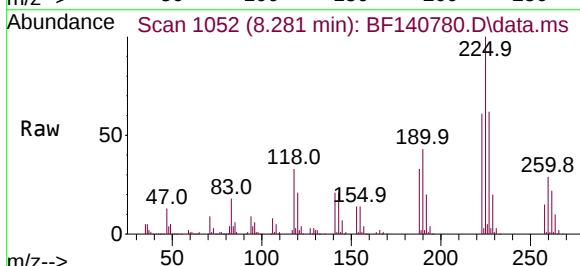
Tgt Ion:225 Resp: 141982

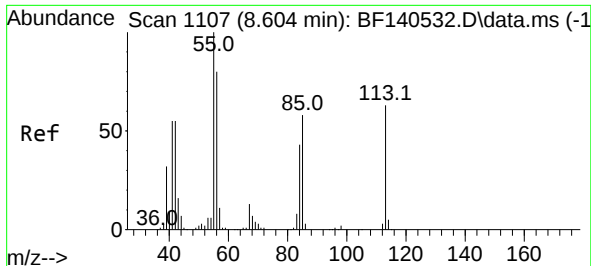
Ion Ratio Lower Upper

225 100

223 61.2 49.8 74.8

227 62.3 51.3 76.9

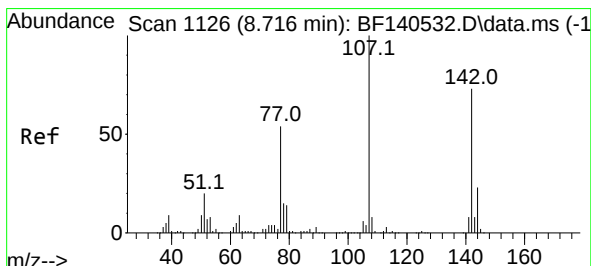
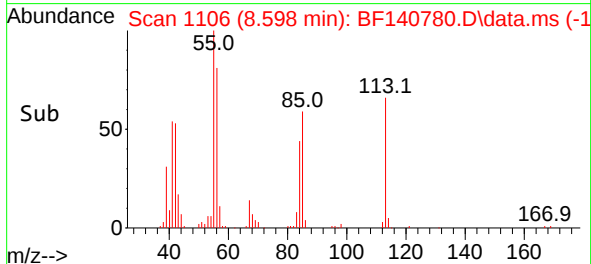
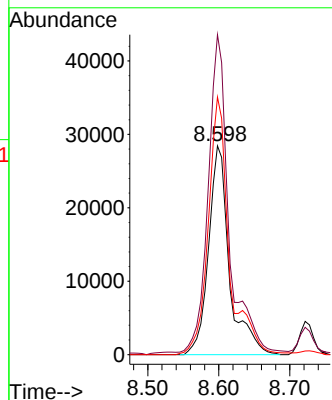
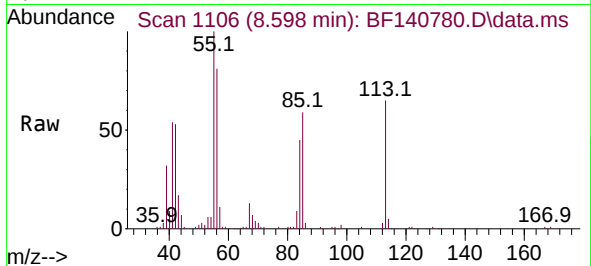




#35
 Caprolactam
 Concen: 51.108 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140780.D
 Acq: 06 Dec 2024 21:10

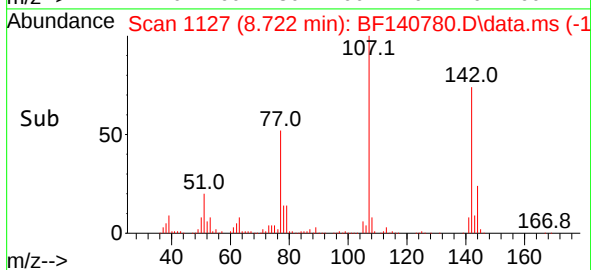
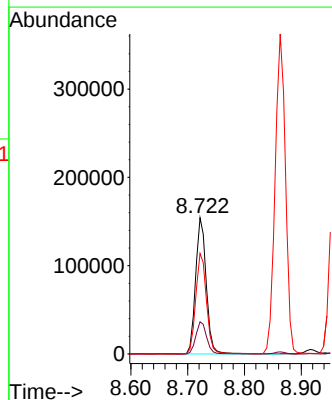
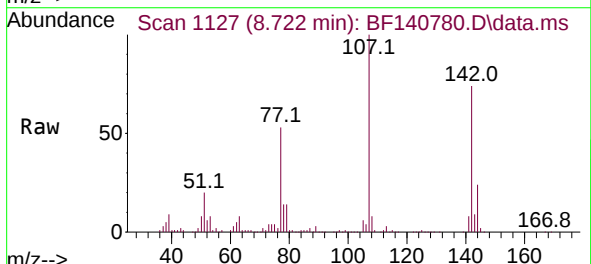
Instrument :
 BNA_F
 ClientSampleId :
 10TH-ST-SOILMS

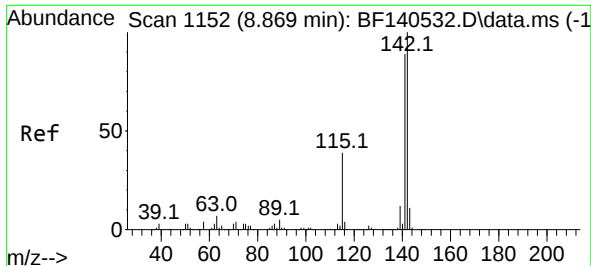
Tgt Ion:113 Resp: 57979
 Ion Ratio Lower Upper
 113 100
 55 153.2 137.7 177.7
 56 123.4 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.301 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF140780.D
 Acq: 06 Dec 2024 21:10

Tgt Ion:107 Resp: 202348
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.7 28.1
 142 73.8 58.3 87.5

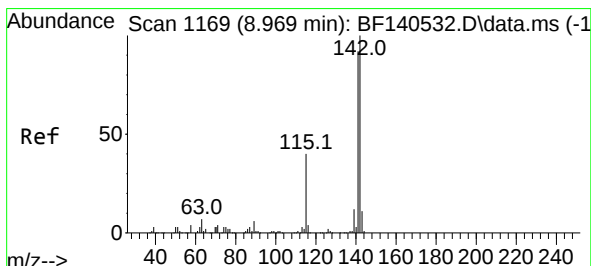
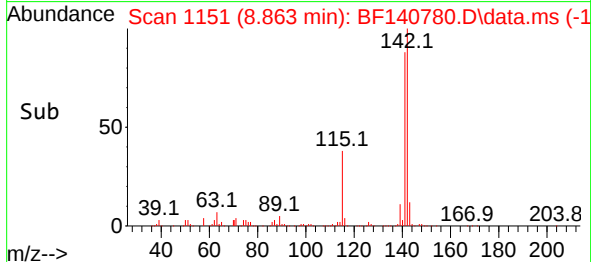
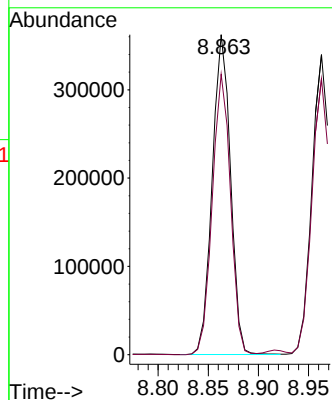
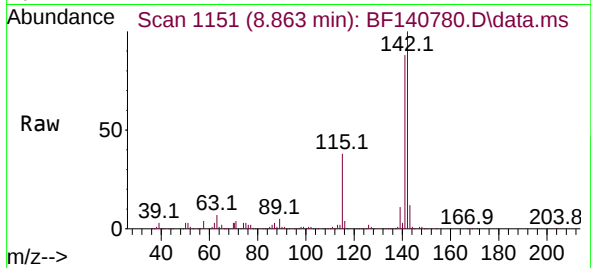




#37
2-Methylnaphthalene
Concen: 54.209 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

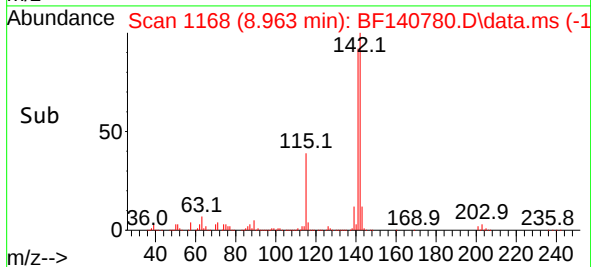
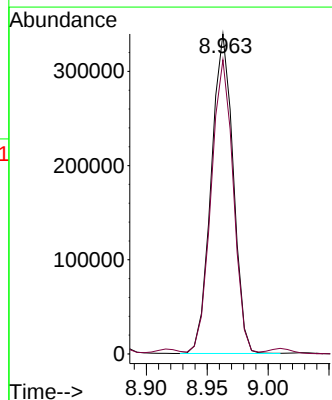
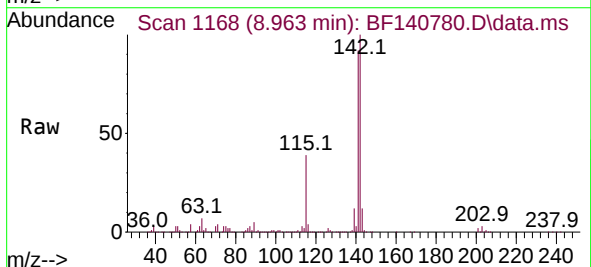
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

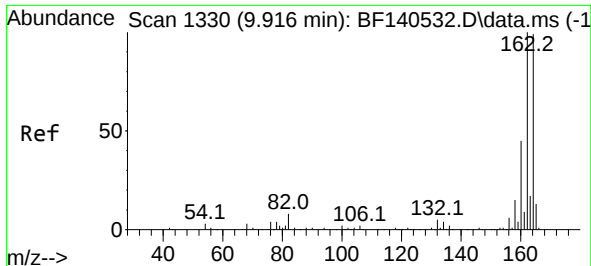
Tgt Ion:142 Resp: 457956
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6



#38
1-Methylnaphthalene
Concen: 51.512 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:142 Resp: 426554
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140780.D

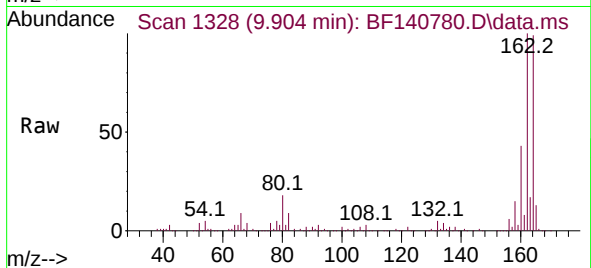
Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS



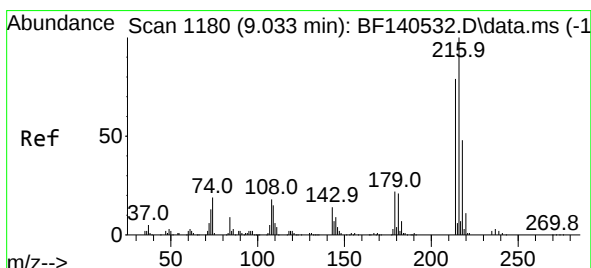
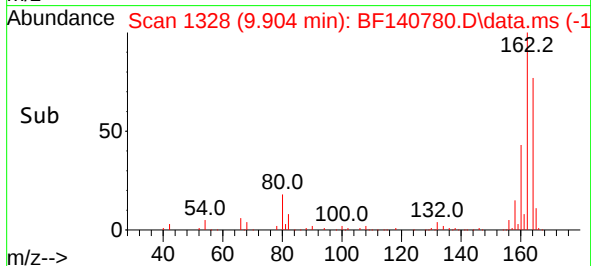
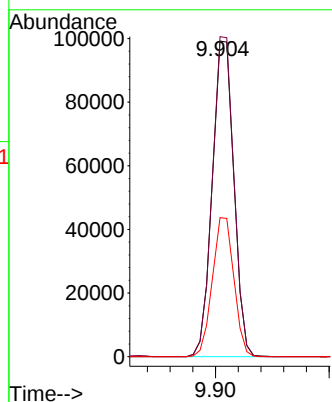
Tgt Ion:164 Resp: 131159

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 44.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.988 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Tgt Ion:216 Resp: 211135

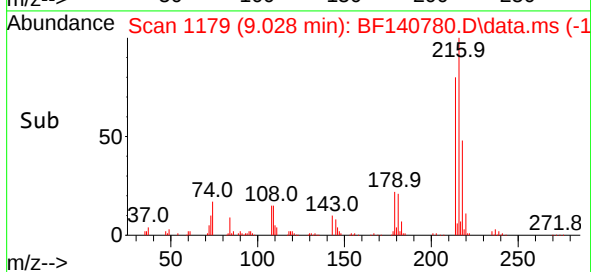
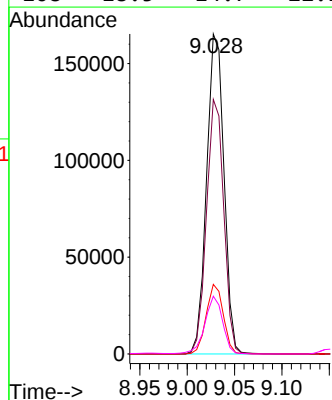
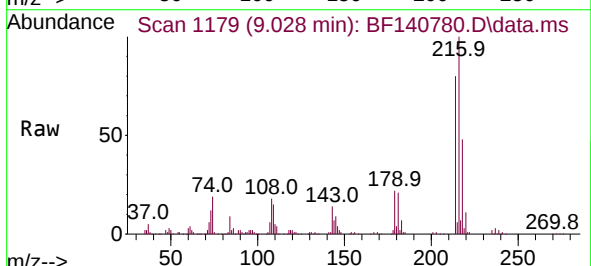
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 21.4 17.5 26.3

108 18.5 14.7 22.1

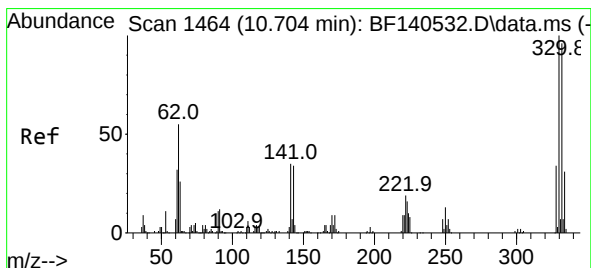
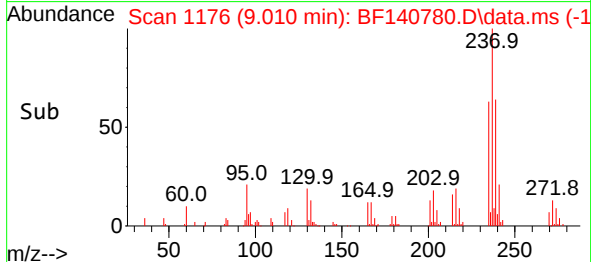
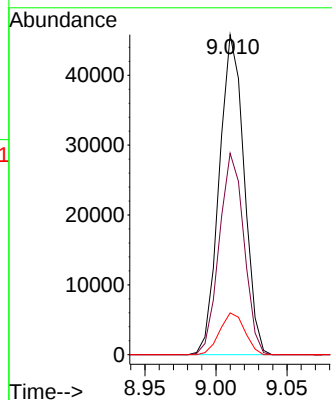
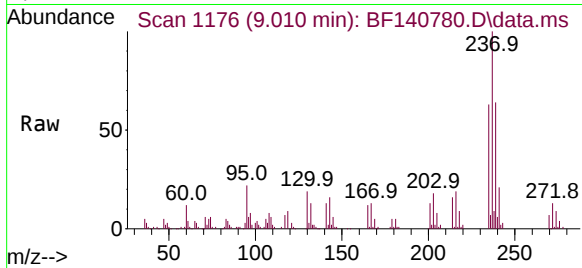




#41
Hexachlorocyclopentadiene
Concen: 65.957 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

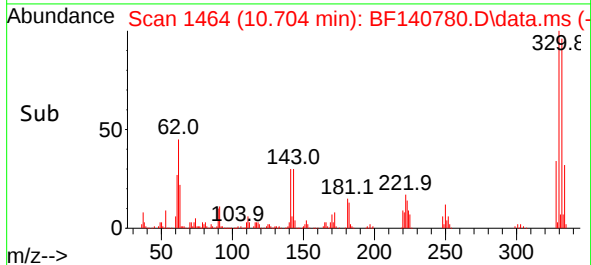
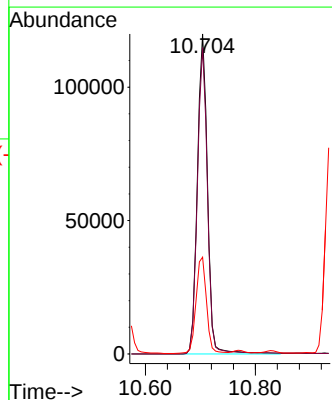
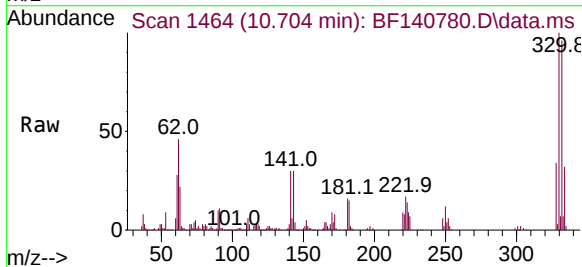
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion:237 Resp: 55710
Ion Ratio Lower Upper
237 100
235 63.0 41.1 81.1
272 13.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 109.562 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:330 Resp: 153689
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 31.1 26.7 40.1

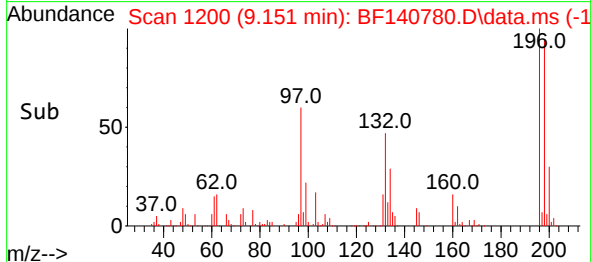
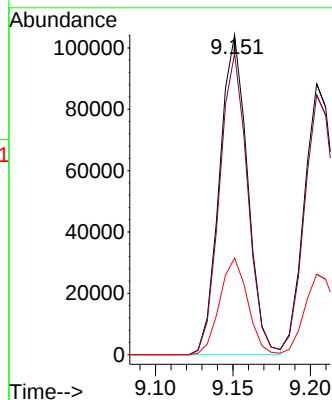
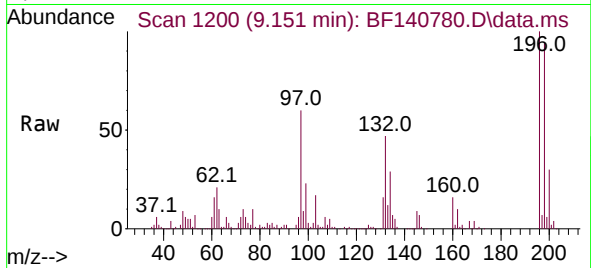




#43
 2,4,6-Trichlorophenol
 Concen: 54.427 ng
 RT: 9.151 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140780.D
 Acq: 06 Dec 2024 21:10

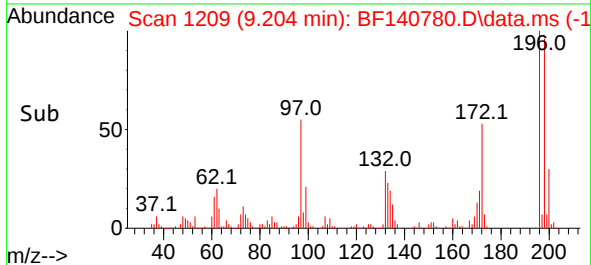
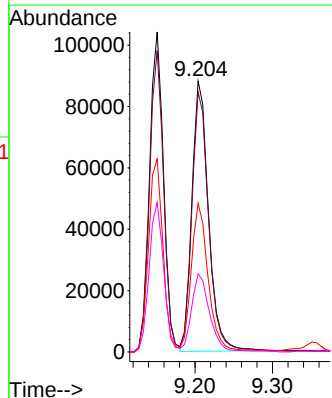
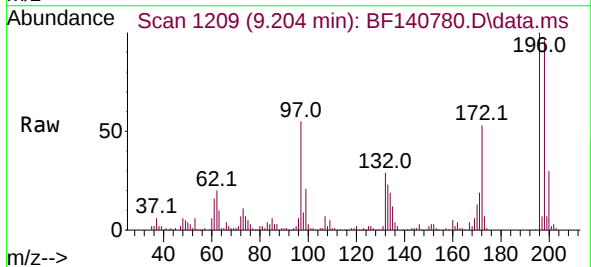
Instrument :
 BNA_F
 ClientSampleId :
 10TH-ST-SOILMS

Tgt Ion:196 Resp: 131134
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.8 115.2
 200 30.2 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 50.339 ng
 RT: 9.204 min Scan# 1209
 Delta R.T. 0.012 min
 Lab File: BF140780.D
 Acq: 06 Dec 2024 21:10

Tgt Ion:196 Resp: 131630
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.2 115.8
 97 54.8 47.1 70.7
 132 28.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 83.995 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

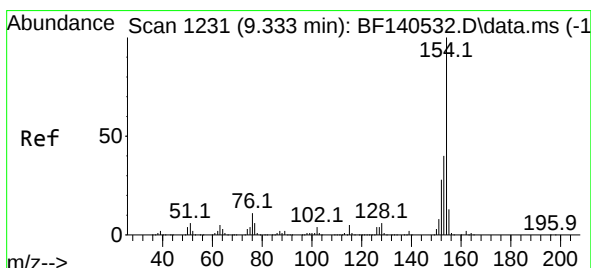
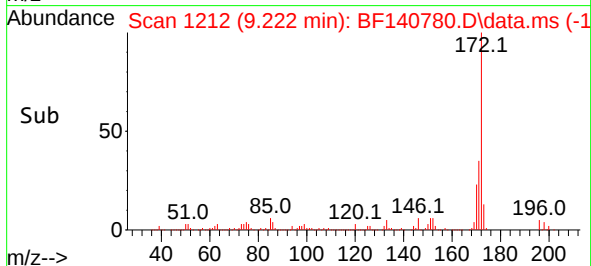
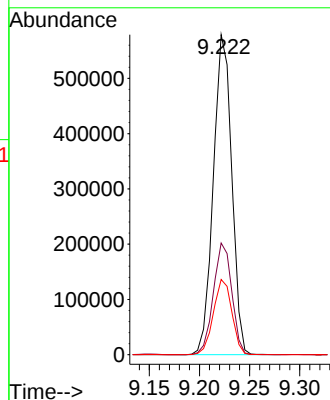
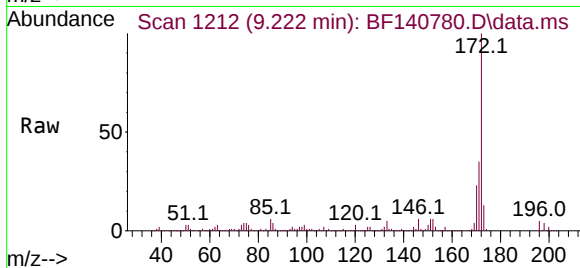
Tgt Ion:172 Resp: 739404

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 55.186 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

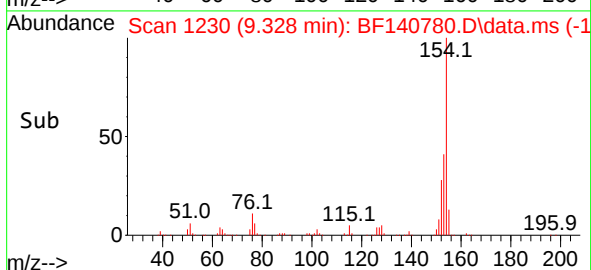
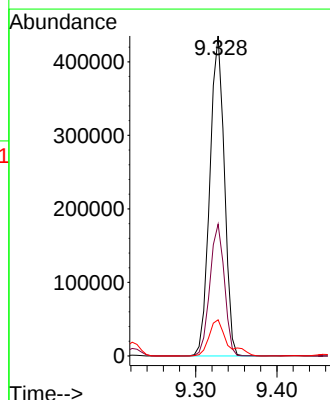
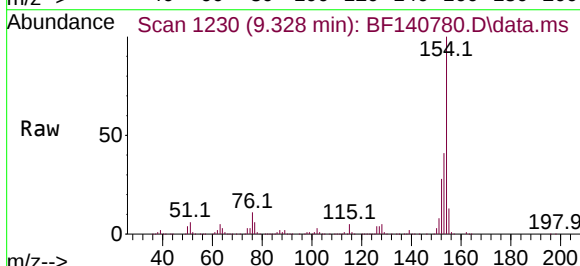
Tgt Ion:154 Resp: 540409

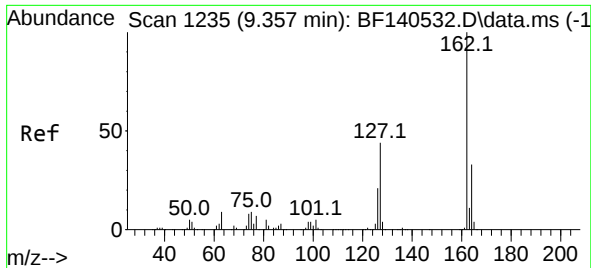
Ion Ratio Lower Upper

154 100

153 41.2 20.4 60.4

76 11.3 0.0 31.2

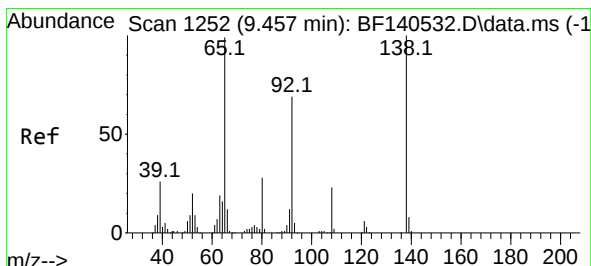
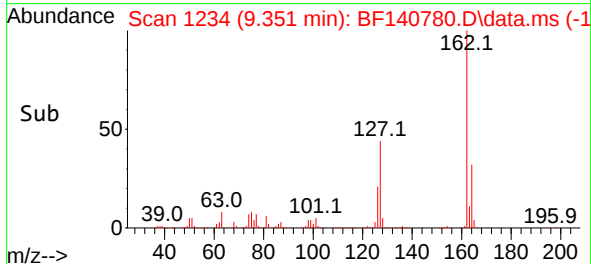
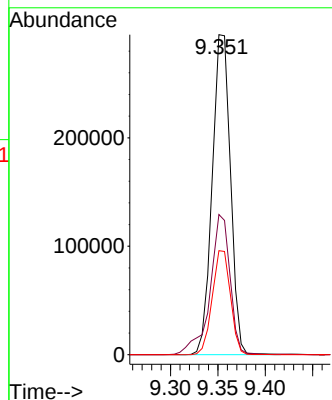
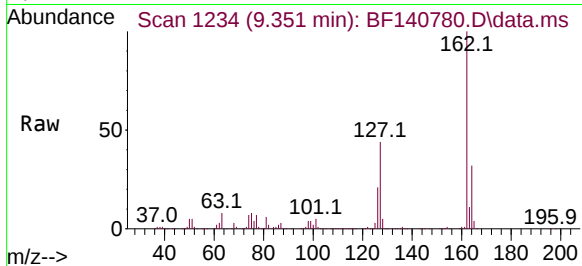




#47
2-Chloronaphthalene
Concen: 53.381 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

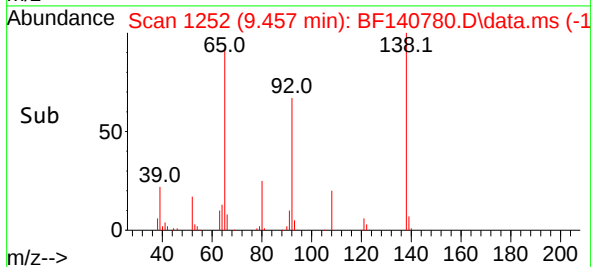
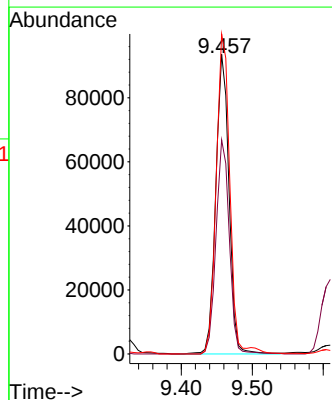
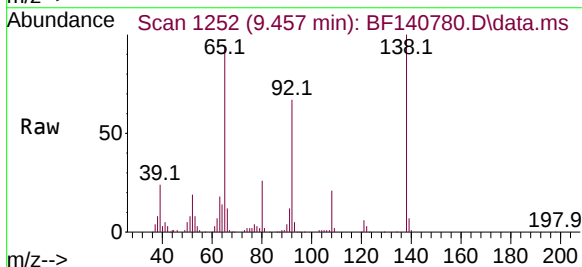
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

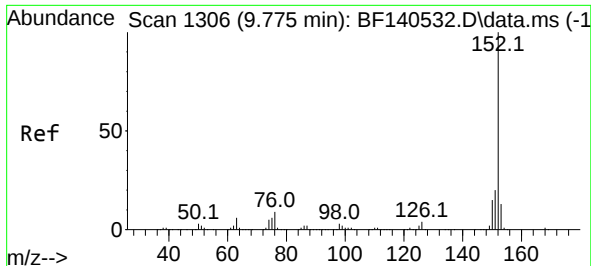
Tgt Ion:162 Resp: 396081
Ion Ratio Lower Upper
162 100
127 43.8 35.7 53.5
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 50.875 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion: 65 Resp: 121168
Ion Ratio Lower Upper
65 100
92 71.4 56.1 84.1
138 106.8 81.0 121.6





#49

Acenaphthylene

Concen: 58.105 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

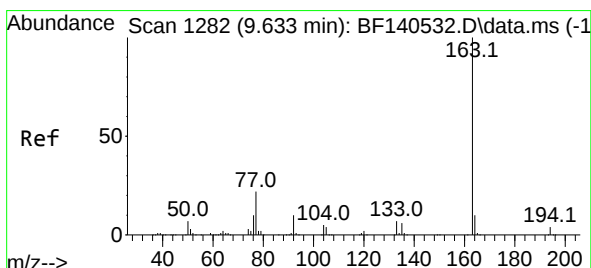
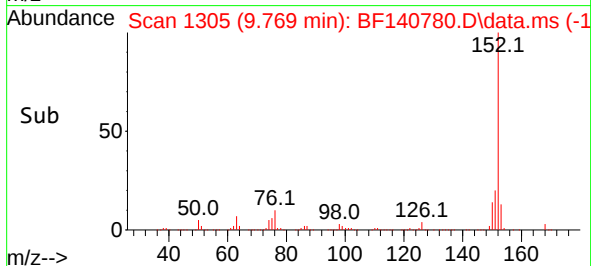
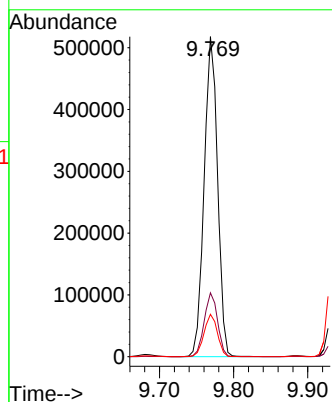
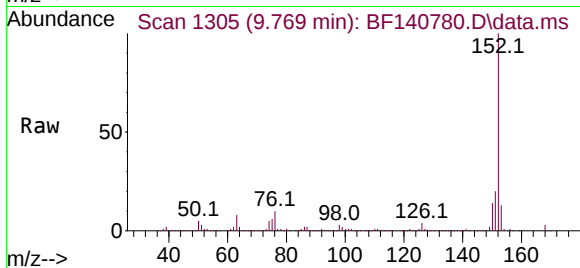
Tgt Ion:152 Resp: 651419

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 56.354 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

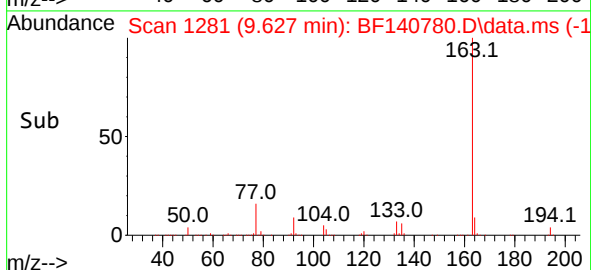
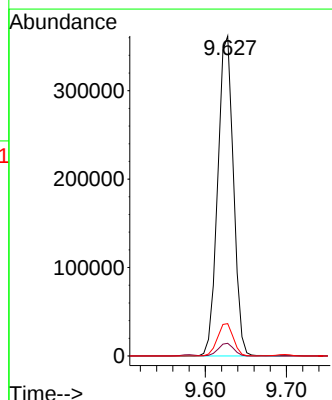
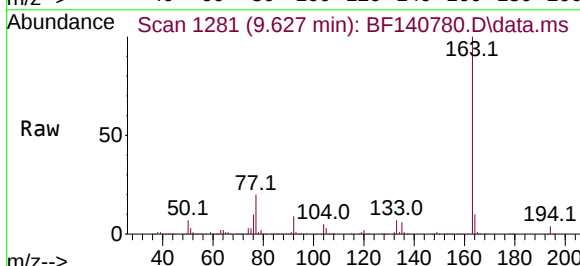
Tgt Ion:163 Resp: 486793

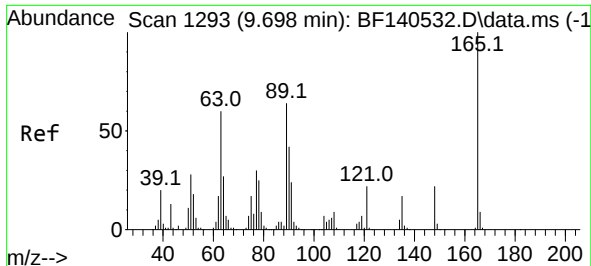
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.2

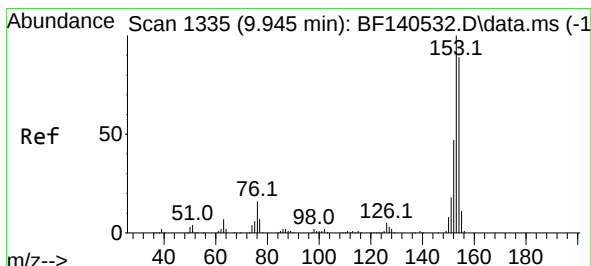
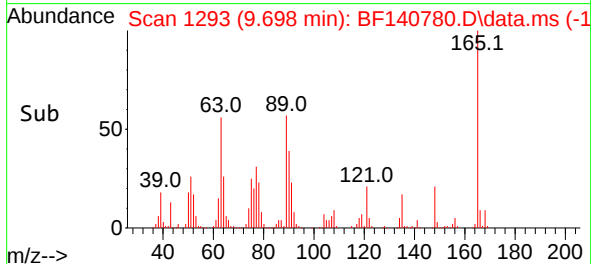
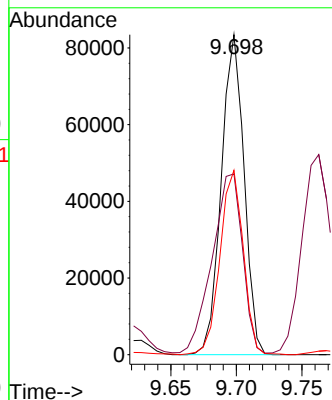
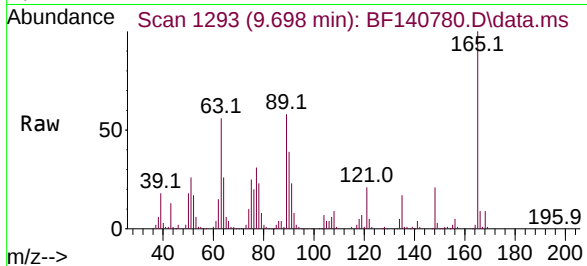




#51
2,6-Dinitrotoluene
Concen: 51.295 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

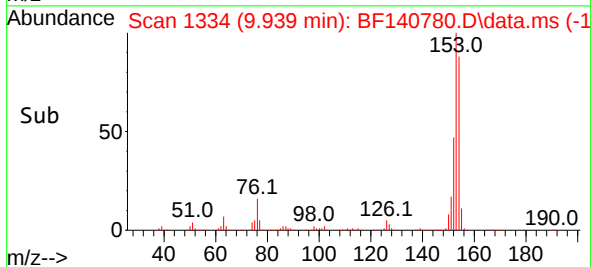
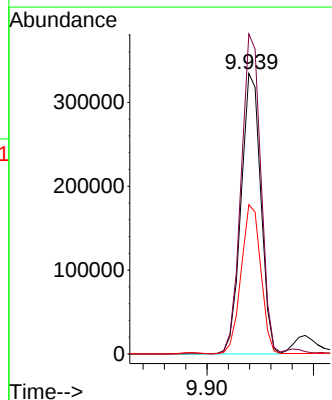
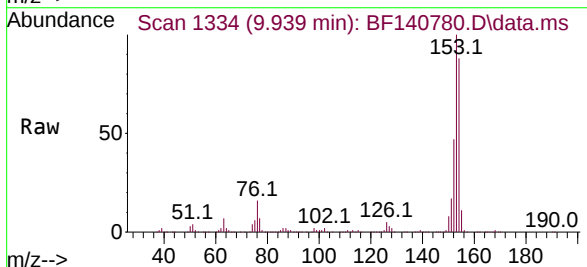
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

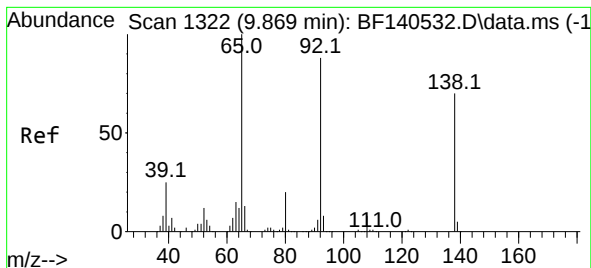
Tgt Ion:165 Resp: 100491
Ion Ratio Lower Upper
165 100
63 56.5 49.9 74.9
89 57.6 50.9 76.3



#52
Acenaphthene
Concen: 60.509 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:154 Resp: 431031
Ion Ratio Lower Upper
154 100
153 114.1 89.7 134.5
152 53.2 42.5 63.7





#53

3-Nitroaniline

Concen: 31.883 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

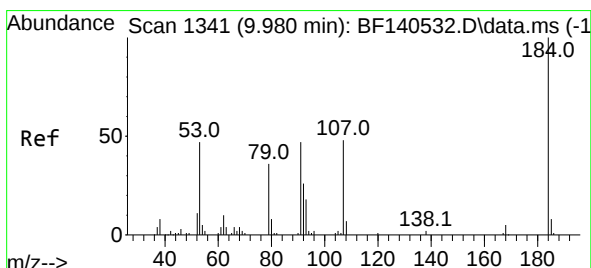
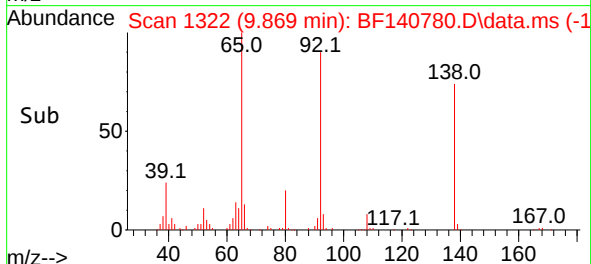
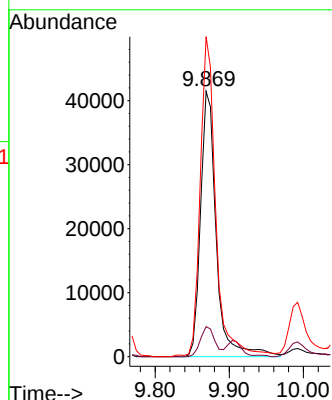
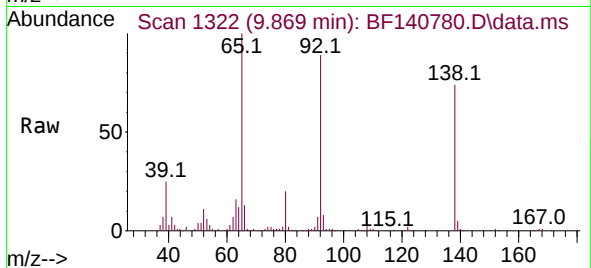
Tgt Ion:138 Resp: 61090

Ion Ratio Lower Upper

138 100

108 11.4 9.2 13.8

92 120.6 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 56.139 ng

RT: 9.992 min Scan# 1343

Delta R.T. 0.012 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

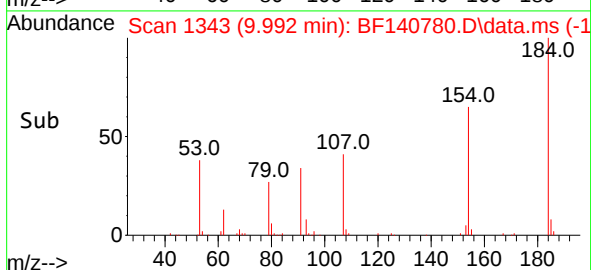
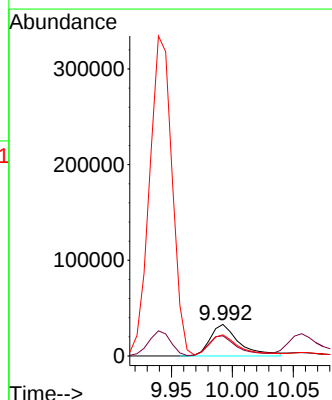
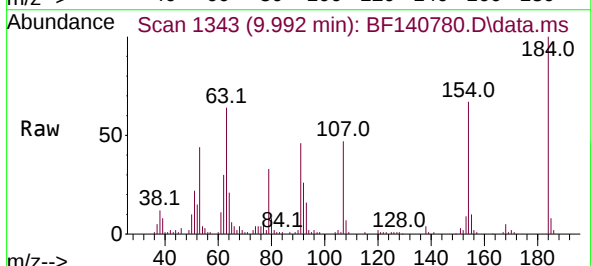
Tgt Ion:184 Resp: 54335

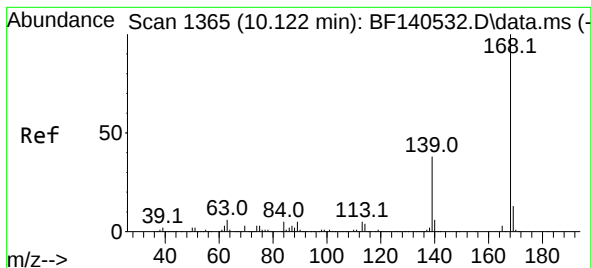
Ion Ratio Lower Upper

184 100

63 64.1 54.1 81.1

154 67.4 57.4 86.0





#55

Dibenzenofuran

Concen: 56.547 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

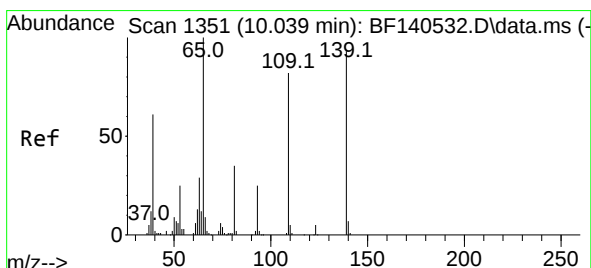
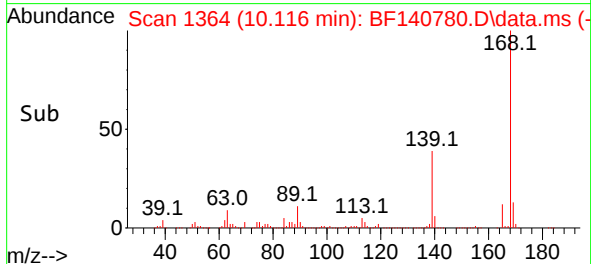
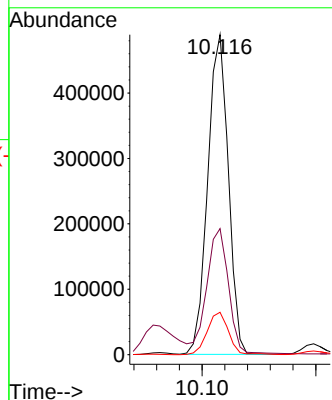
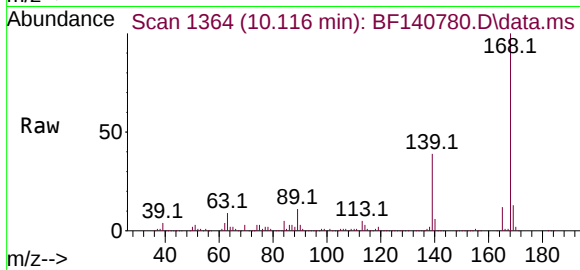
Tgt Ion:168 Resp: 614414

Ion Ratio Lower Upper

168 100

139 39.4 31.3 46.9

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 66.599 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

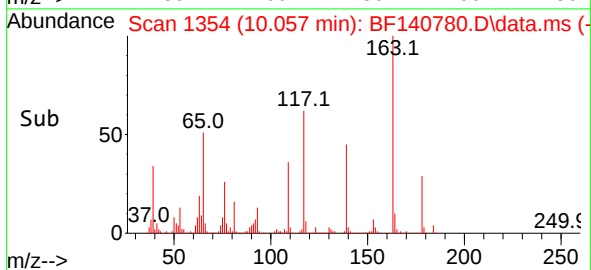
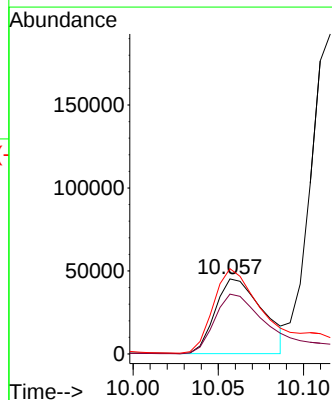
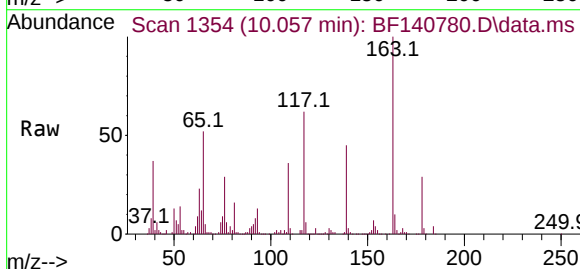
Tgt Ion:139 Resp: 87028

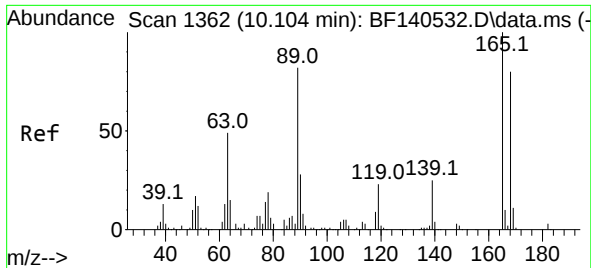
Ion Ratio Lower Upper

139 100

109 79.8 68.4 108.4

65 113.5 88.6 128.6

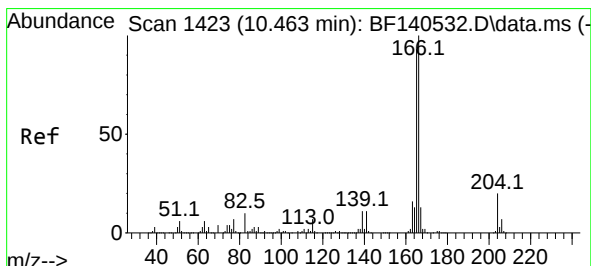
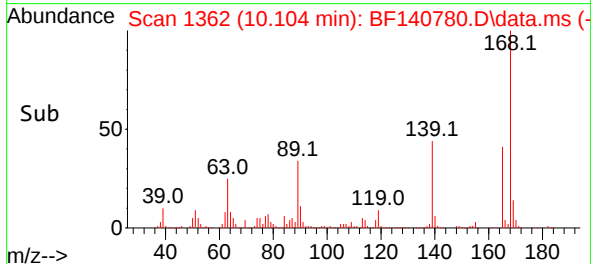
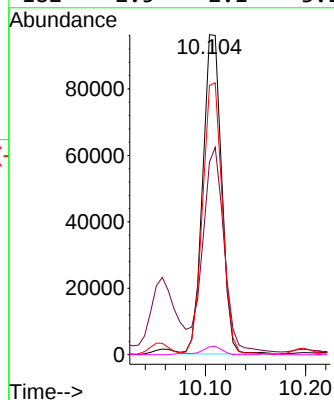
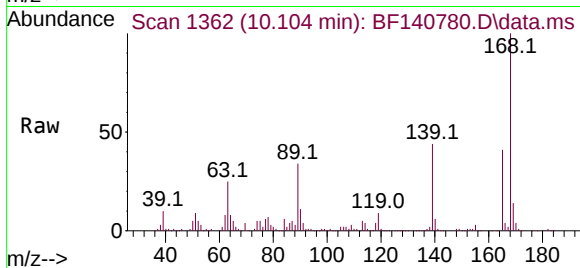




#57
2,4-Dinitrotoluene
Concen: 48.552 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

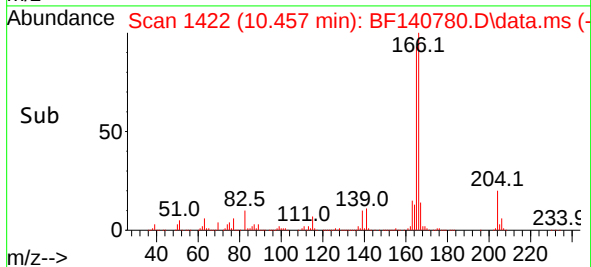
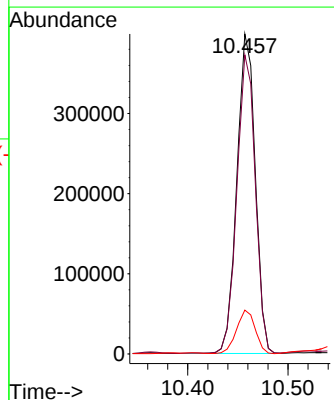
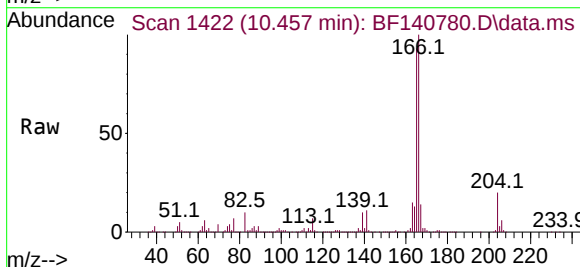
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion:165 Resp: 126412
Ion Ratio Lower Upper
165 100
63 60.2 41.7 62.5
89 84.2 65.8 98.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 58.324 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:166 Resp: 508665
Ion Ratio Lower Upper
166 100
165 93.5 74.6 111.8
167 13.7 10.6 16.0

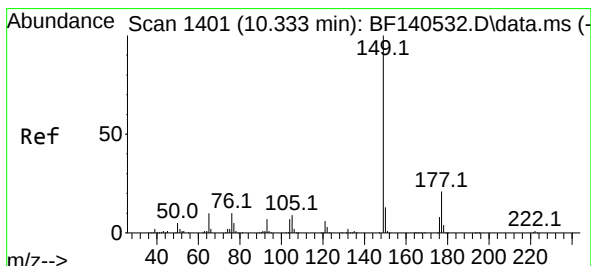
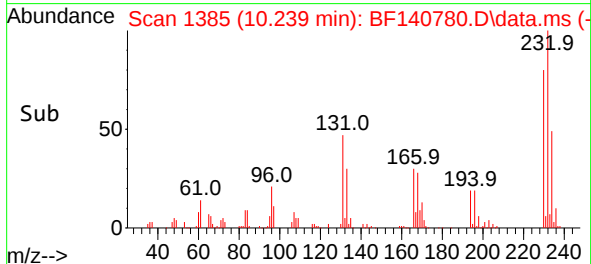
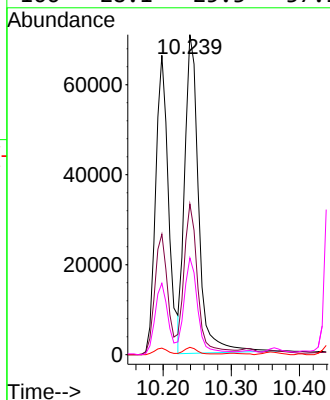
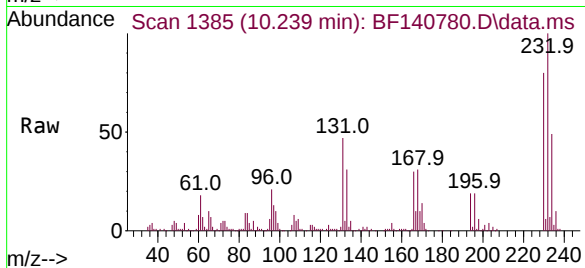




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.811 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

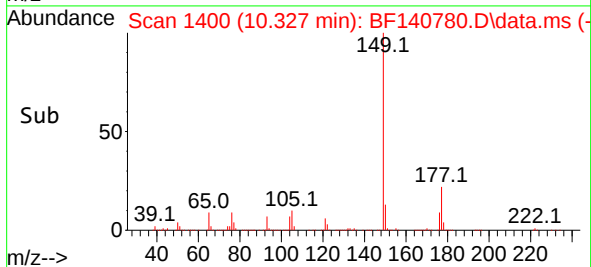
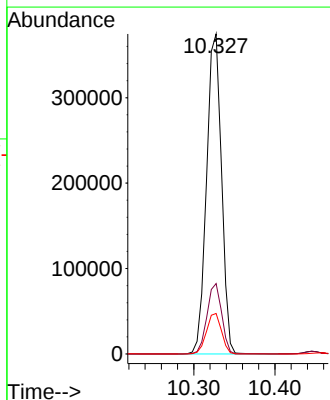
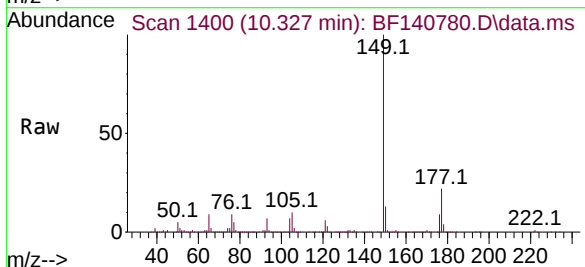
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BNA_F
ClientSampleId :
10TH-ST-SOILMS

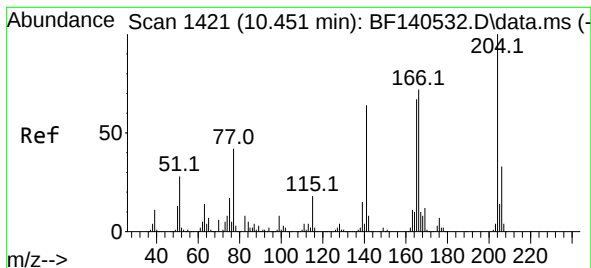
Tgt Ion:232 Resp: 100101
Ion Ratio Lower Upper
232 100
131 44.3 39.6 59.4
130 2.5 1.9 2.9
166 28.1 25.3 37.9



#60
Diethylphthalate
Concen: 54.416 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:149 Resp: 477581
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.6 10.1 15.1

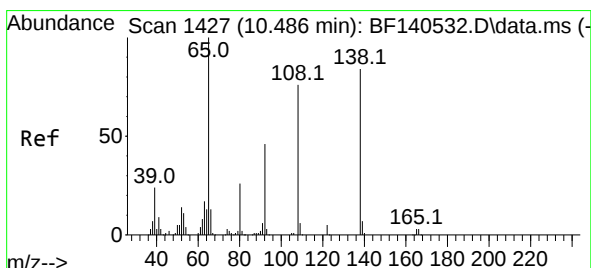
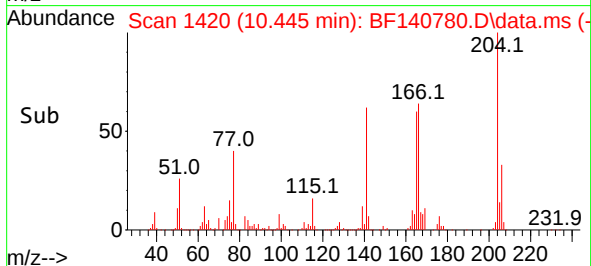
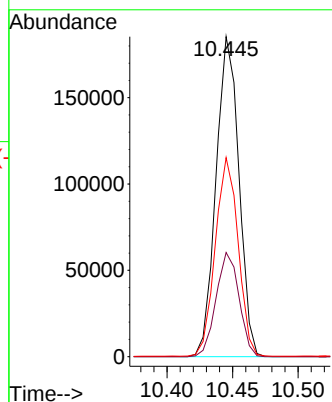
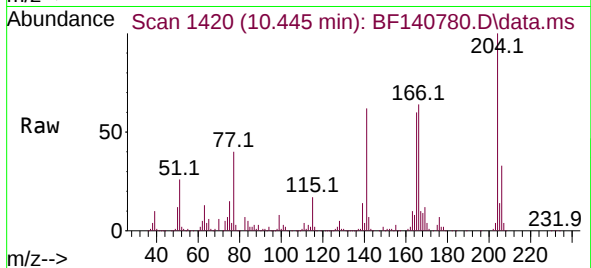




#61
4-Chlorophenyl-phenylether
Concen: 52.514 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

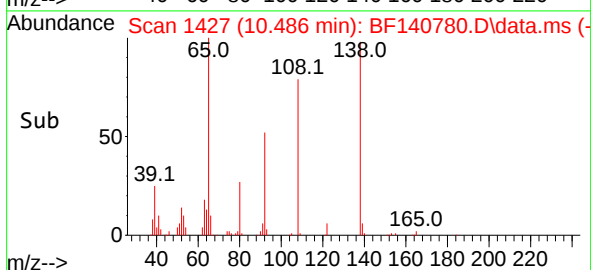
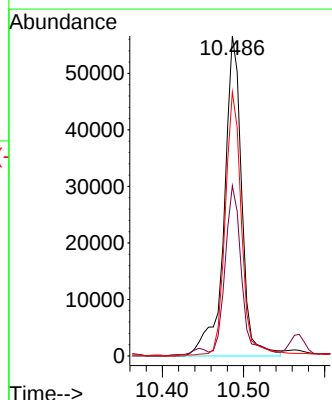
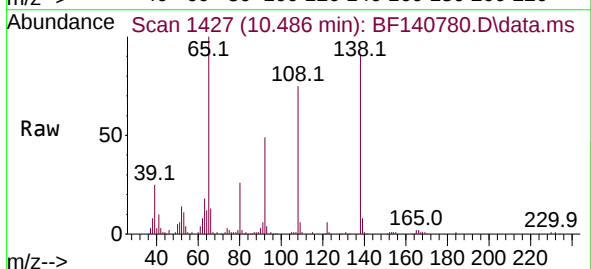
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

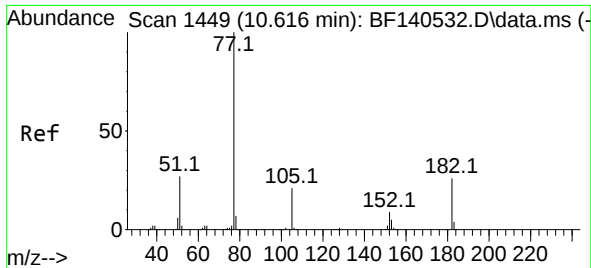
Tgt Ion:204 Resp: 224764
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 62.2 51.1 76.7



#62
4-Nitroaniline
Concen: 42.484 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:138 Resp: 85376
Ion Ratio Lower Upper
138 100
92 53.2 34.5 74.5
108 82.5 70.6 110.6

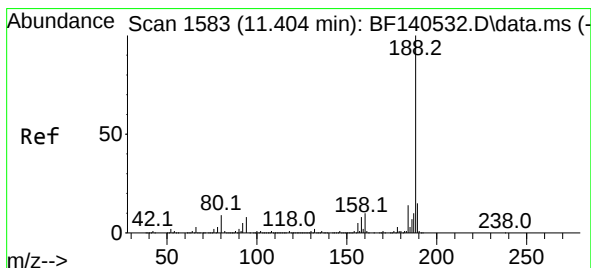
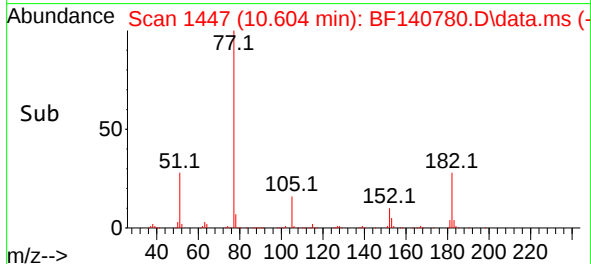
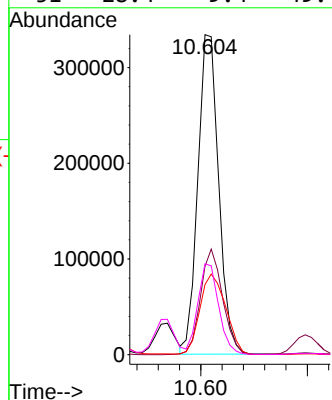
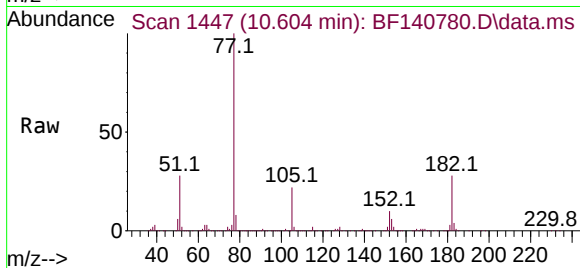




#63
Azobenzene
Concen: 54.754 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

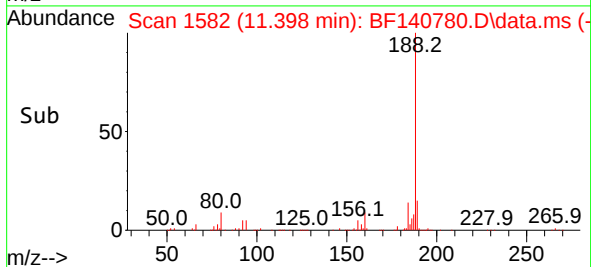
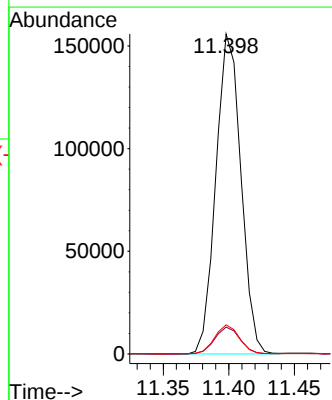
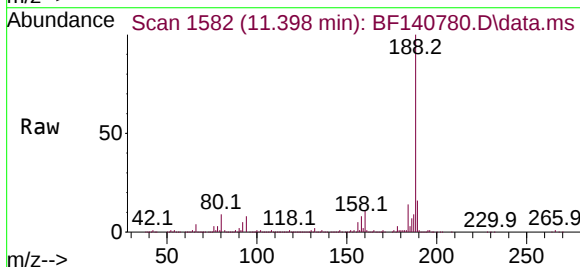
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BNA_F
ClientSampleId :
10TH-ST-SOILMS

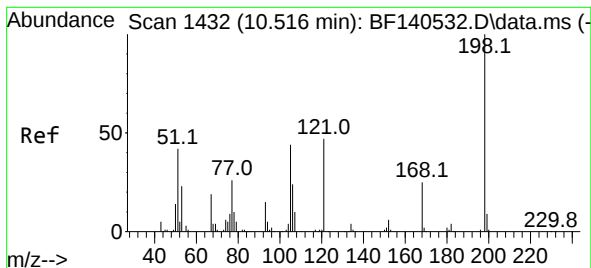
Tgt Ion: 77	Resp: 455072
Ion Ratio	Lower Upper
77 100	
182 27.6	5.3 45.3
105 21.9	0.3 40.3
51 28.4	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:188	Resp: 206862
Ion Ratio	Lower Upper
188 100	
94 8.4	6.4 9.6
80 9.1	6.9 10.3

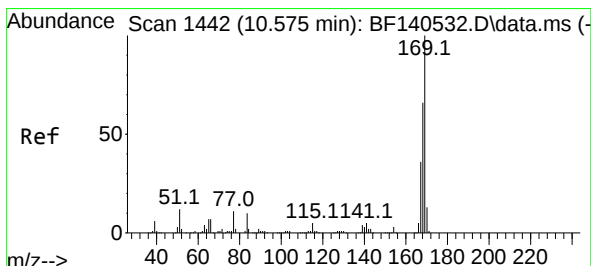
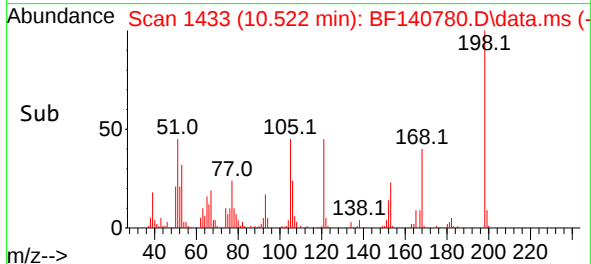
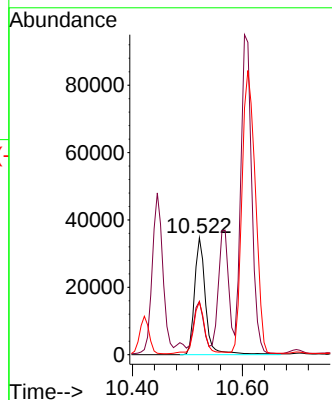
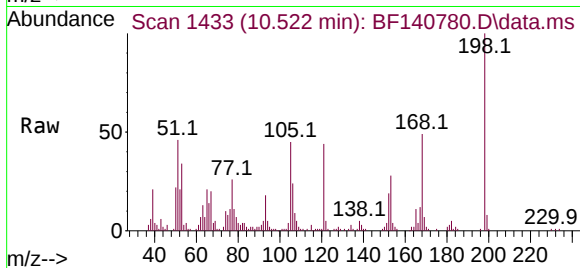




#65
4,6-Dinitro-2-methylphenol
Concen: 45.836 ng
RT: 10.522 min Scan# 141
Delta R.T. 0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

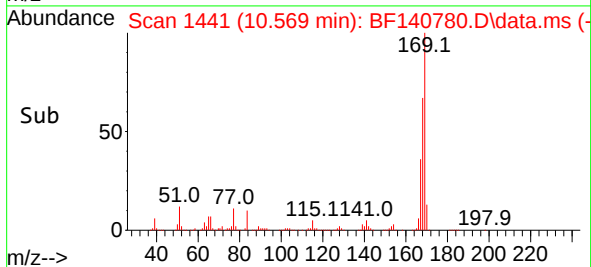
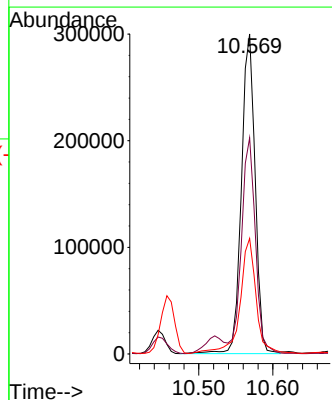
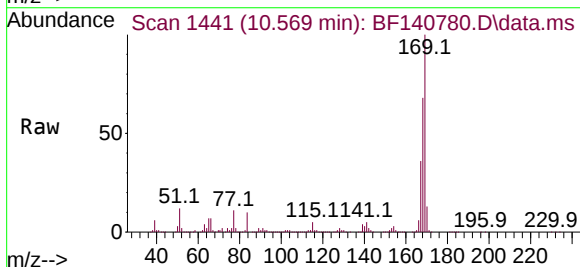
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

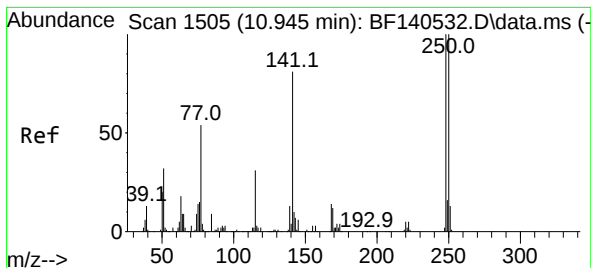
Tgt Ion:198 Resp: 48452
Ion Ratio Lower Upper
198 100
51 45.6 29.4 69.4
105 45.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 62.866 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:169 Resp: 384581
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 36.1 29.0 43.6

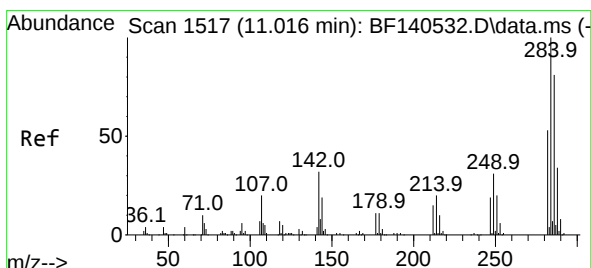
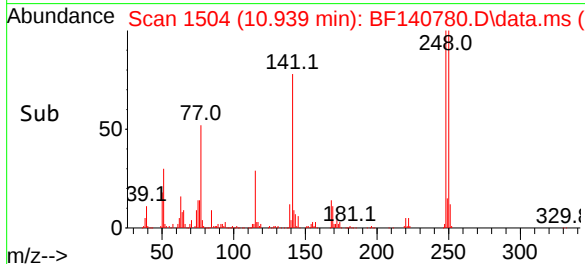
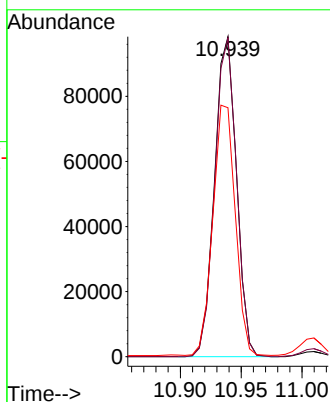
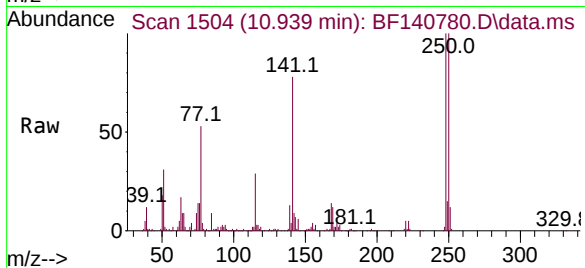




#67
4-Bromophenyl-phenylether
Concen: 57.862 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

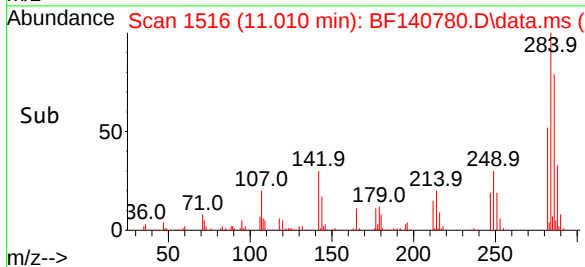
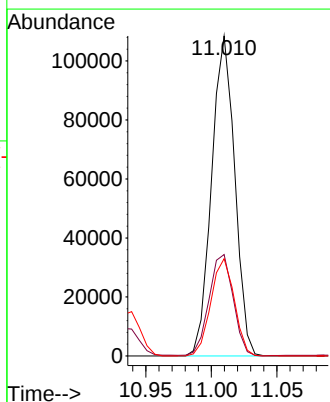
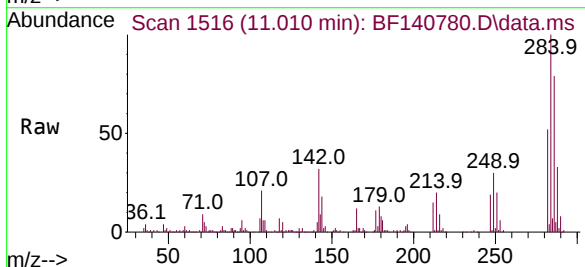
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion:248 Resp: 123268
Ion Ratio Lower Upper
248 100
250 99.6 79.8 119.8
141 77.8 64.7 97.1



#68
Hexachlorobenzene
Concen: 53.904 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:284 Resp: 132968
Ion Ratio Lower Upper
284 100
142 31.7 25.3 37.9
249 30.4 24.8 37.2





#69

Atrazine

Concen: 65.929 ng

RT: 11.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

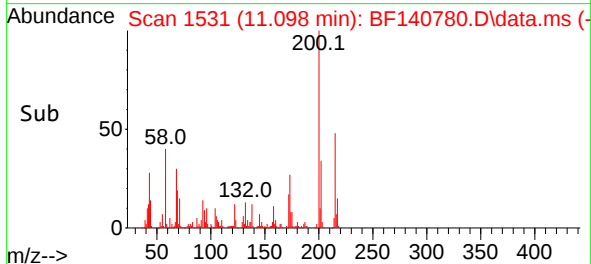
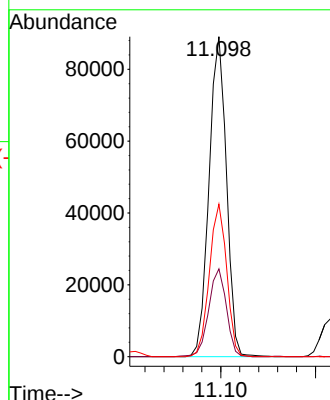
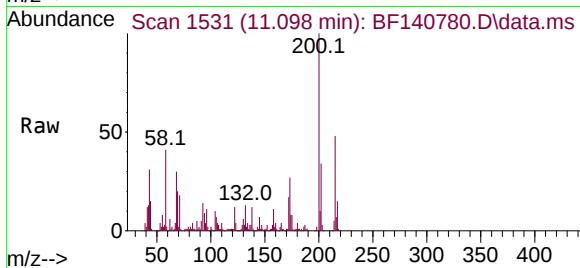
Tgt Ion:200 Resp: 113461

Ion Ratio Lower Upper

200 100

173 27.4 7.0 47.0

215 47.7 26.7 66.7



#70

Pentachlorophenol

Concen: 81.569 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

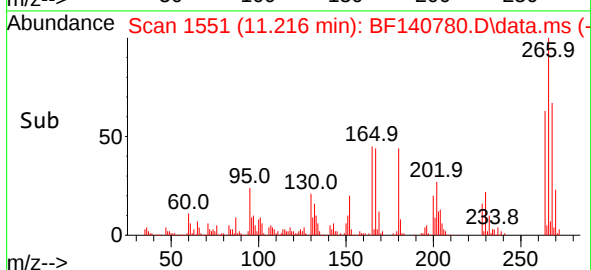
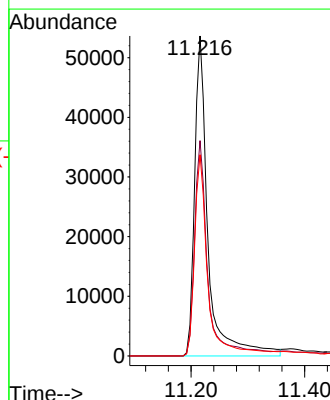
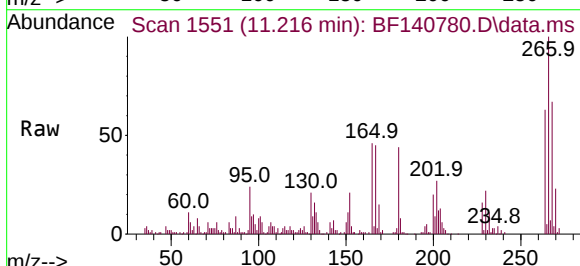
Tgt Ion:266 Resp: 88557

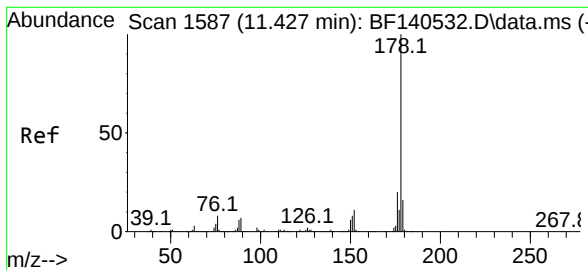
Ion Ratio Lower Upper

266 100

268 67.3 53.7 80.5

264 62.9 49.8 74.8

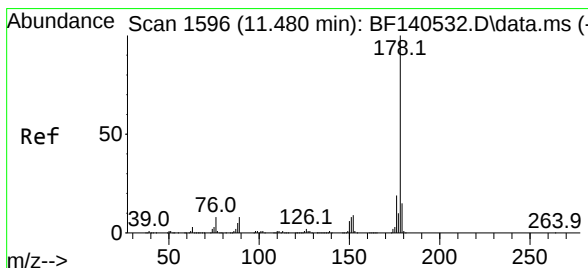
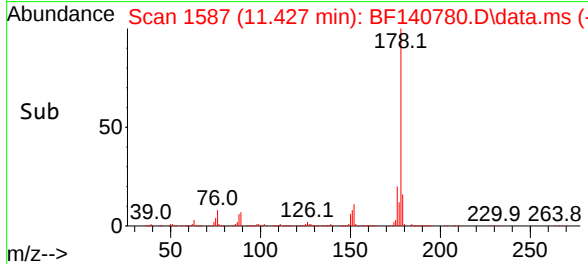
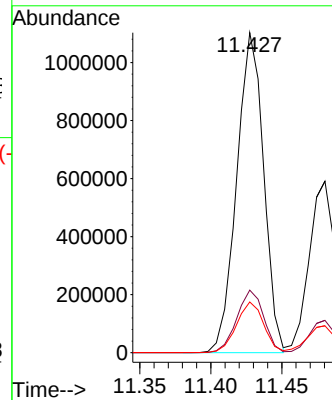
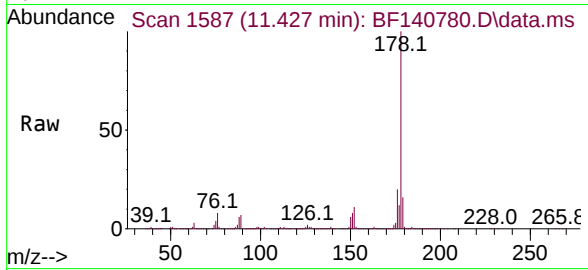




#71
Phenanthrene
Concen: 146.544 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

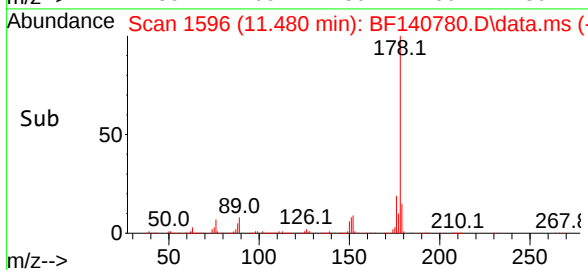
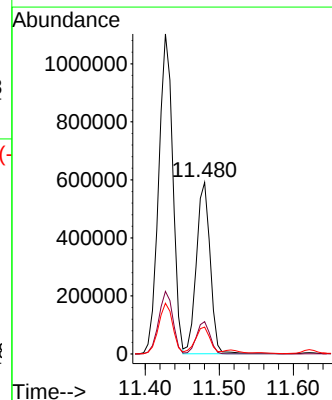
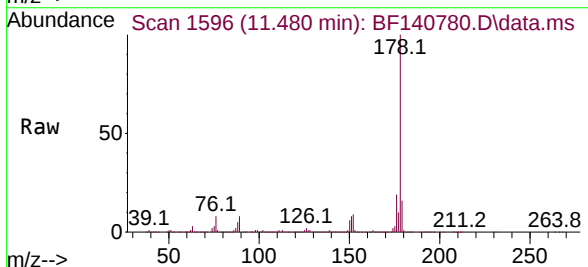
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

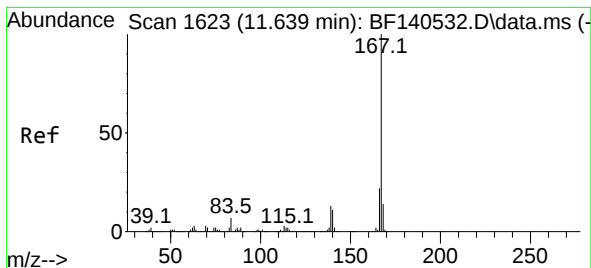
Tgt Ion:178 Resp: 1457178
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.9 12.4 18.6



#72
Anthracene
Concen: 78.365 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:178 Resp: 762241
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.2 18.4





#73

Carbazole

Concen: 60.184 ng

RT: 11.639 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

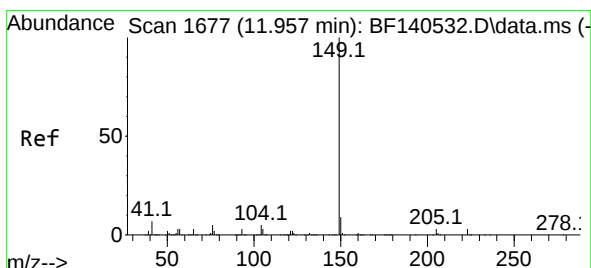
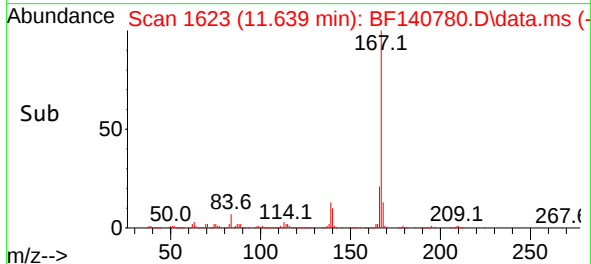
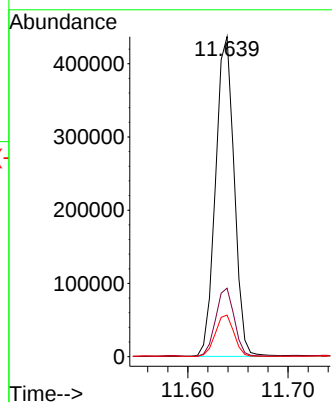
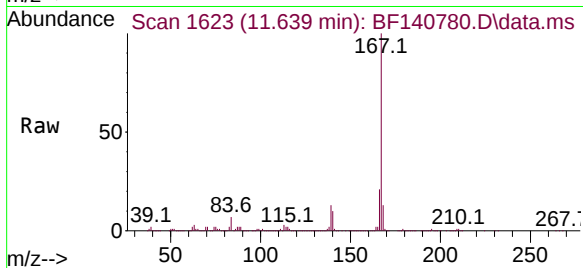
Tgt Ion:167 Resp: 563151

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 59.077 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

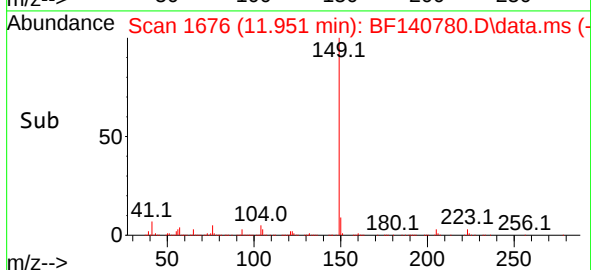
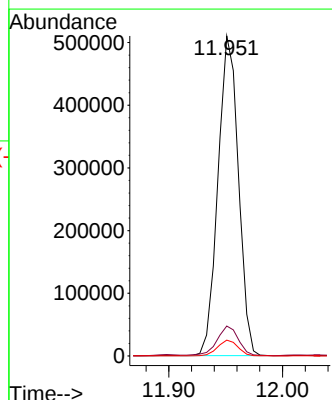
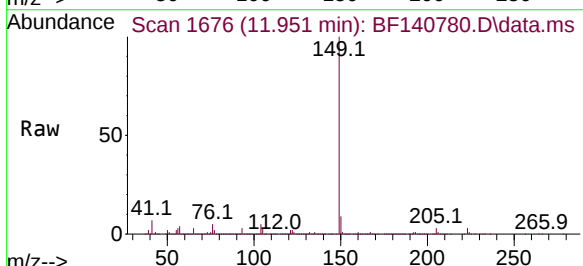
Tgt Ion:149 Resp: 638201

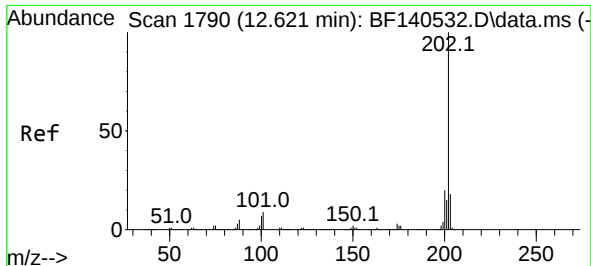
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1

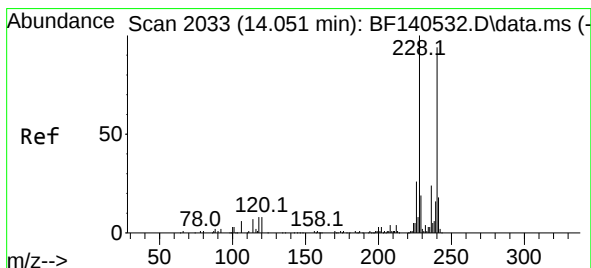
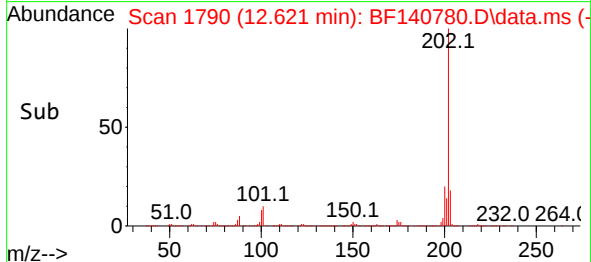
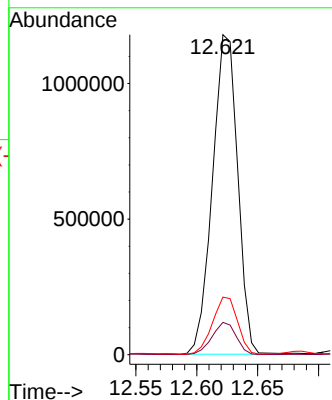
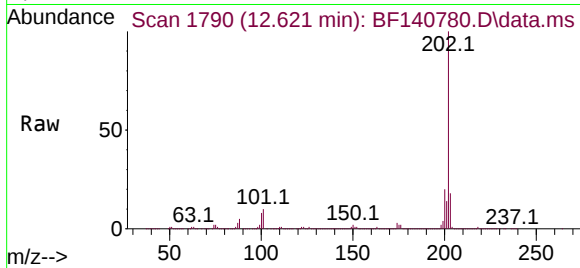




#75
Fluoranthene
Concen: 157.060 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

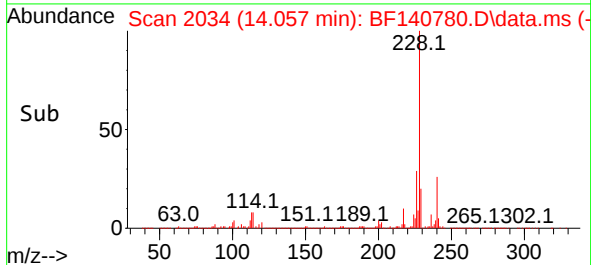
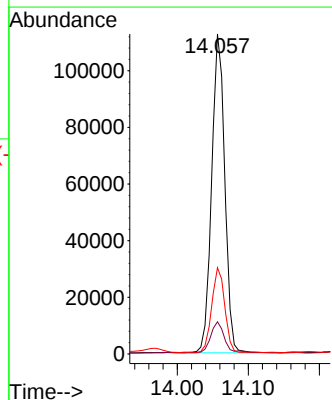
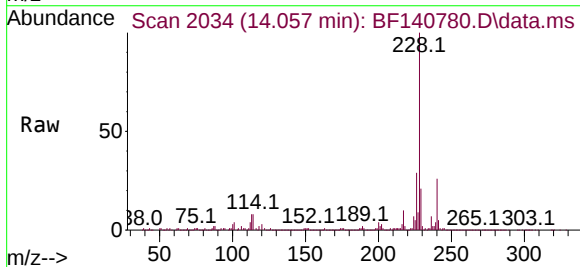
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

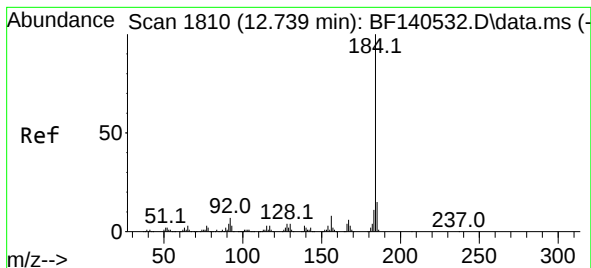
Tgt Ion:202 Resp: 1695660
Ion Ratio Lower Upper
202 100
101 10.1 0.0 28.9
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:240 Resp: 144601
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 26.9 20.6 31.0





#77

Benzidine

Concen: 32.935 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

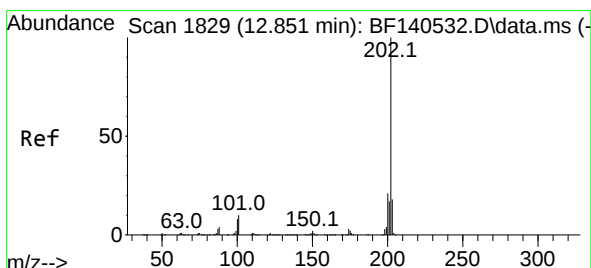
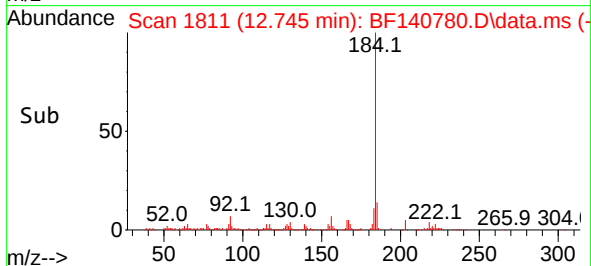
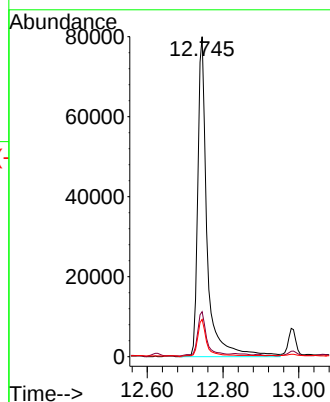
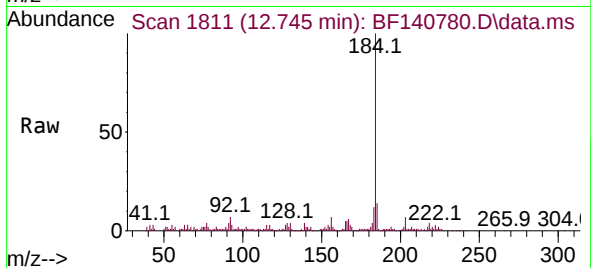
Tgt Ion:184 Resp: 138463

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 11.6 8.8 13.2



#78

Pyrene

Concen: 117.139 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

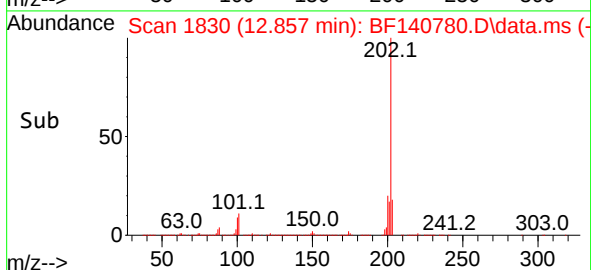
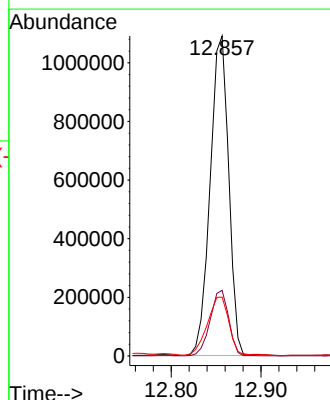
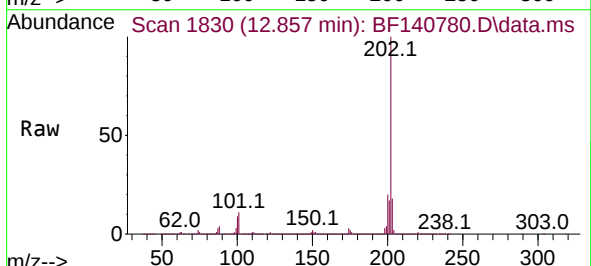
Tgt Ion:202 Resp: 1566168

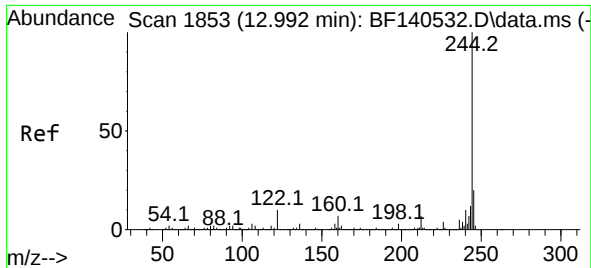
Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

203 18.4 14.2 21.4

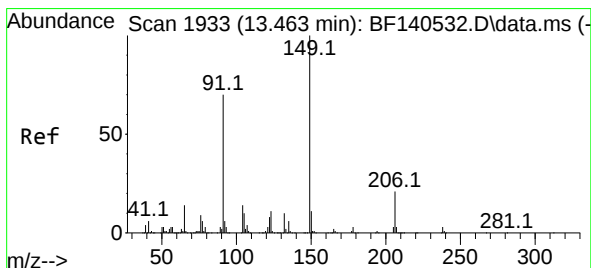
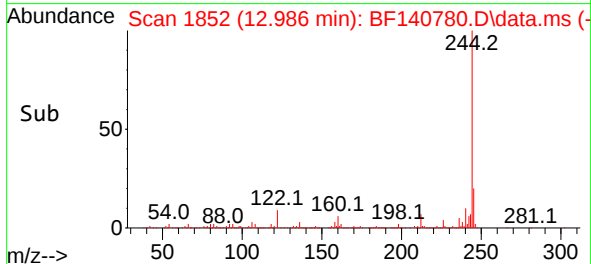
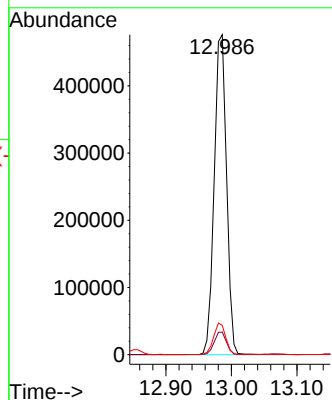
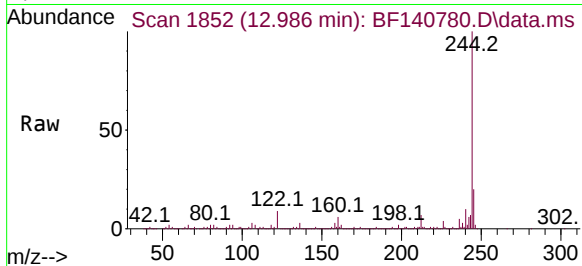




#79
 Terphenyl-d14
 Concen: 66.992 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140780.D
 Acq: 06 Dec 2024 21:10

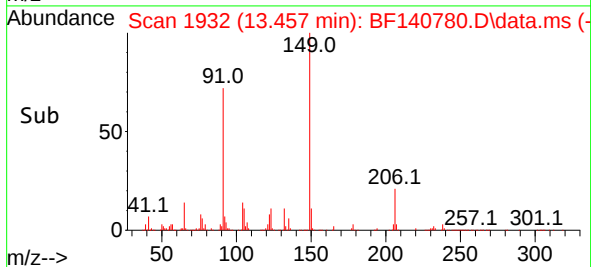
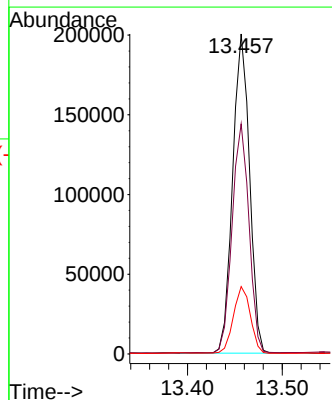
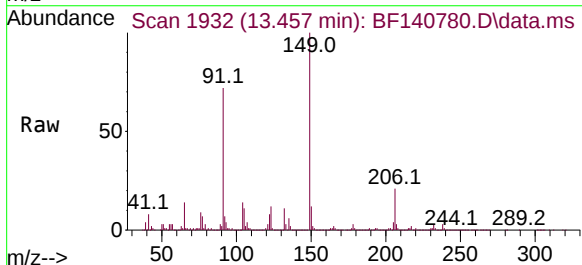
Instrument :
 BNA_F
 ClientSampleId :
 10TH-ST-SOILMS

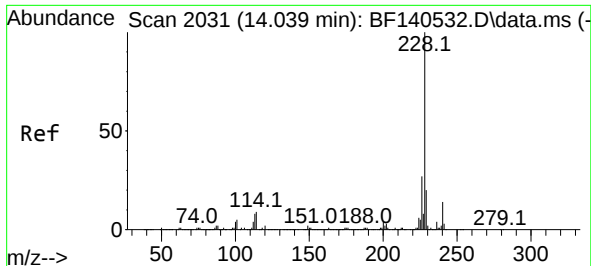
Tgt Ion:244 Resp: 622115
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.2 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 51.226 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140780.D
 Acq: 06 Dec 2024 21:10

Tgt Ion:149 Resp: 246729
 Ion Ratio Lower Upper
 149 100
 91 71.9 56.2 84.2
 206 21.0 16.4 24.6

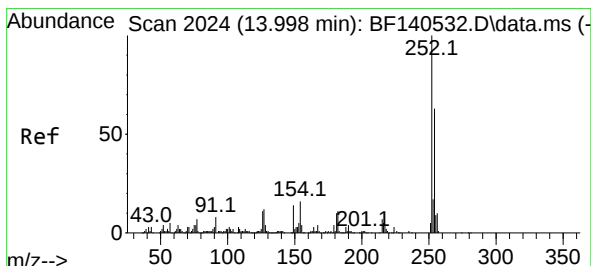
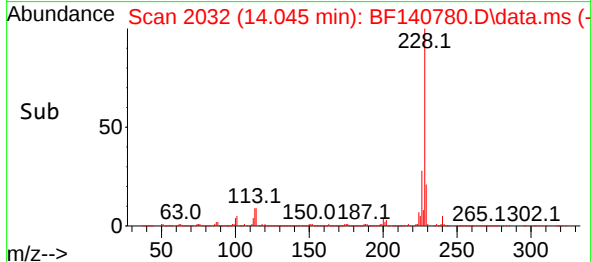
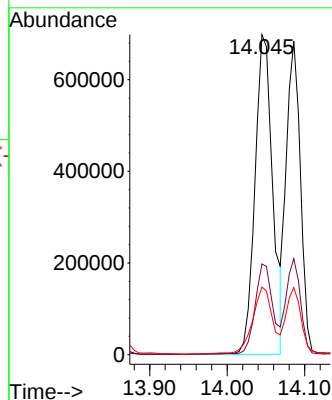
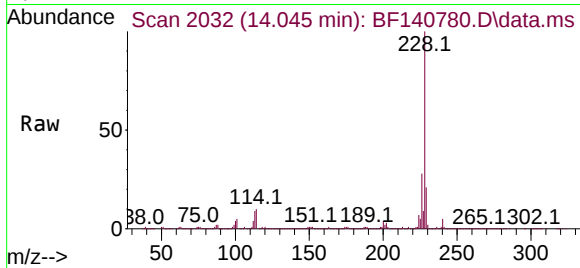




#81
Benzo(a)anthracene
Concen: 115.539 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

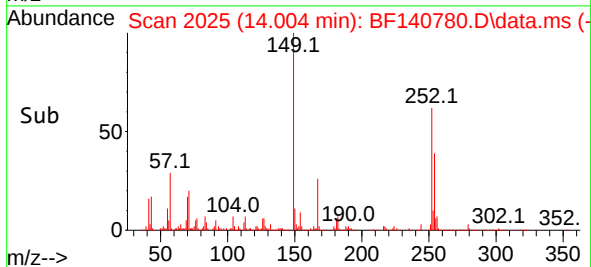
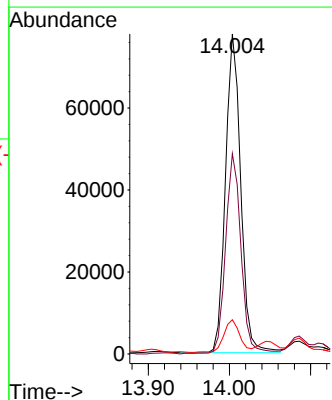
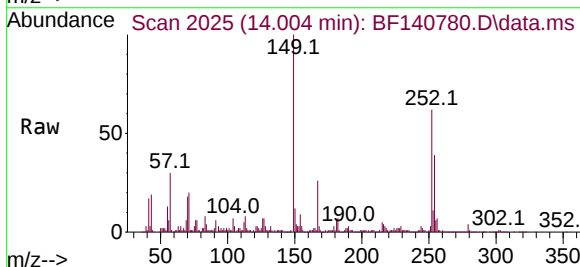
Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion:228 Resp: 1105936
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.8
229 21.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.467 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:252 Resp: 101927
Ion Ratio Lower Upper
252 100
254 62.6 50.8 76.2
126 10.7 8.6 13.0





#83

Chrysene

Concen: 98.334 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

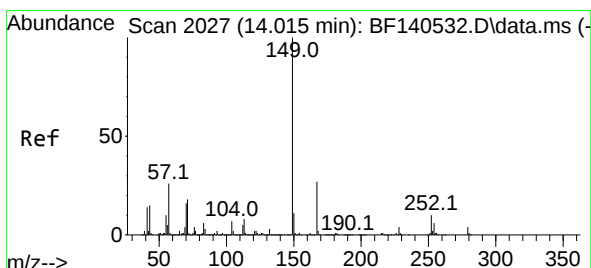
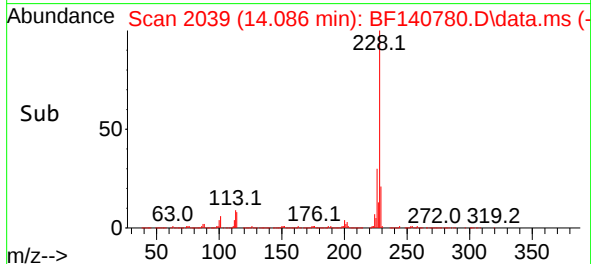
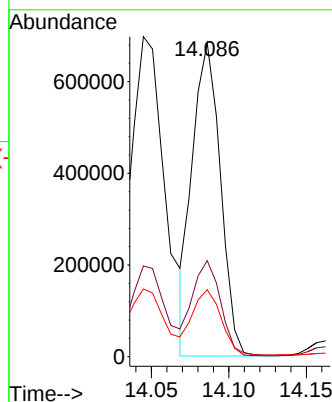
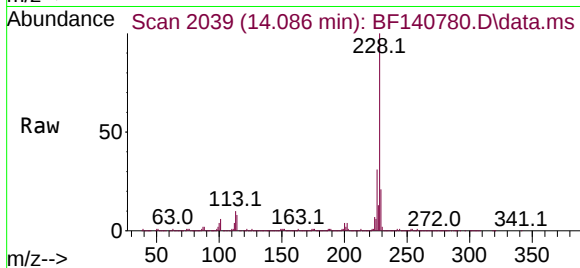
Tgt Ion:228 Resp: 860669

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 21.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.824 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

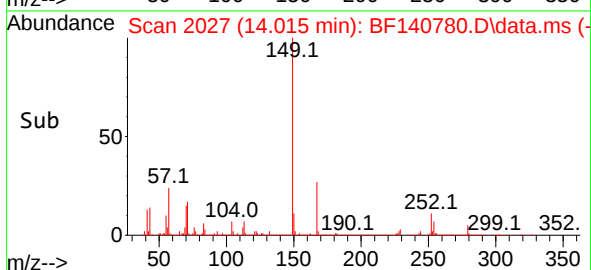
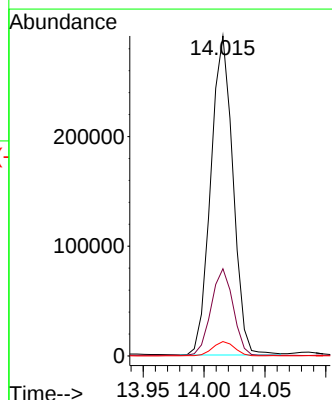
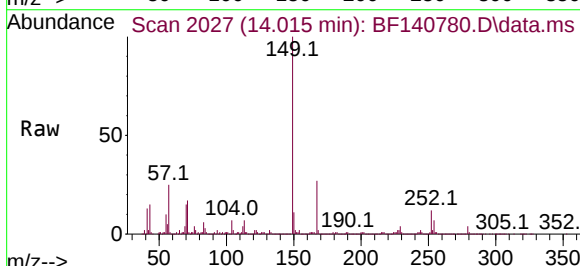
Tgt Ion:149 Resp: 369920

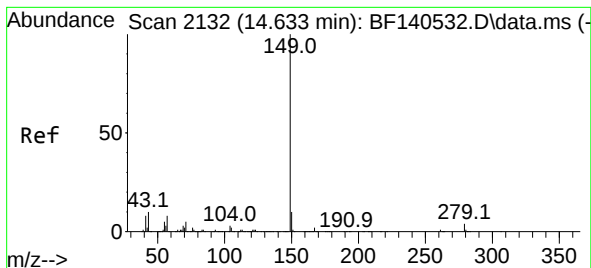
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 74.360 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

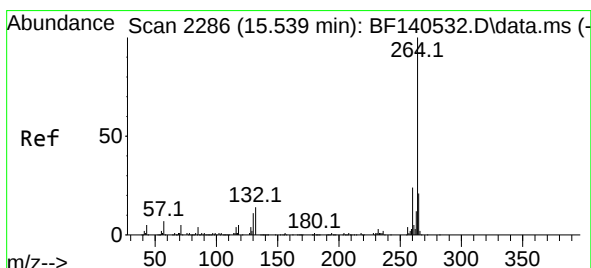
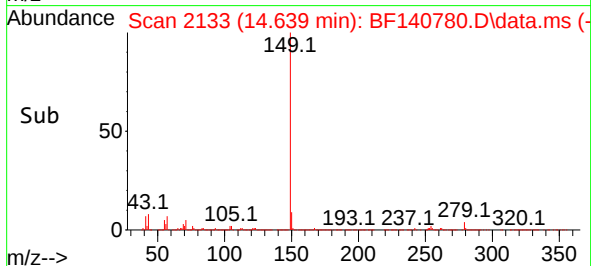
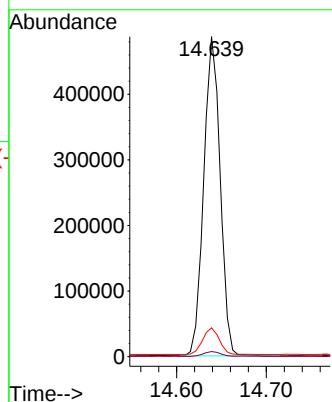
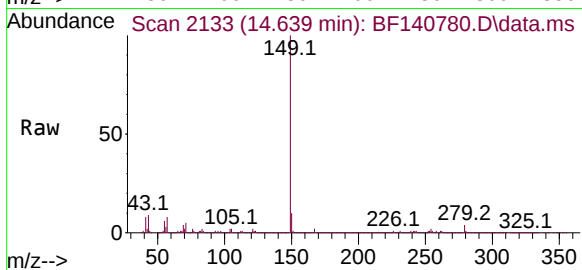
Tgt Ion:149 Resp: 618045

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

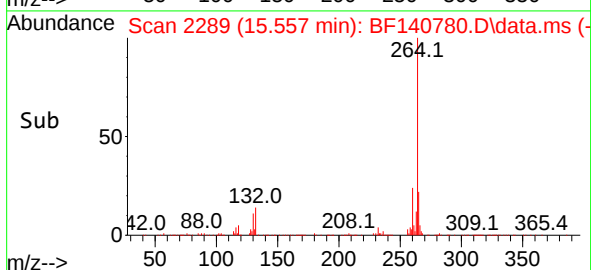
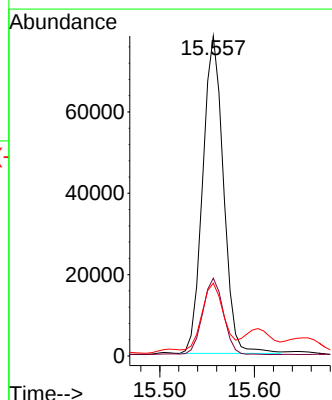
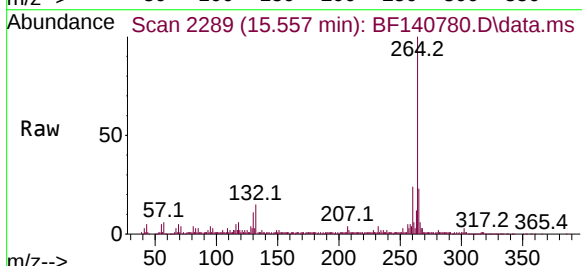
Tgt Ion:264 Resp: 118347

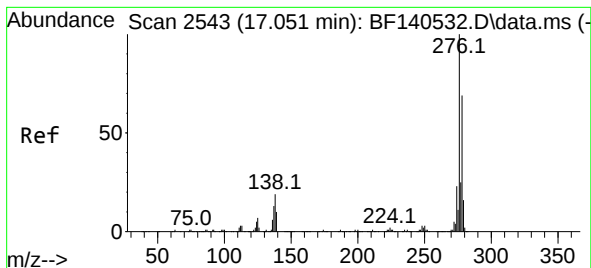
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 22.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.328 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

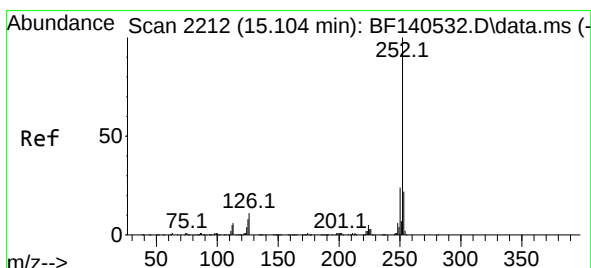
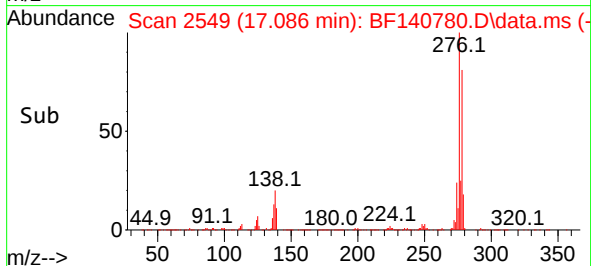
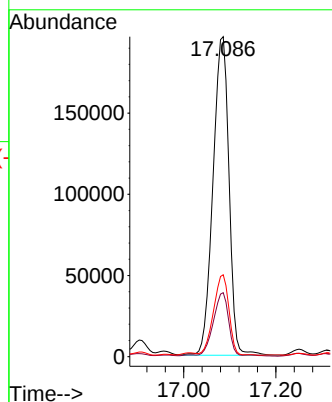
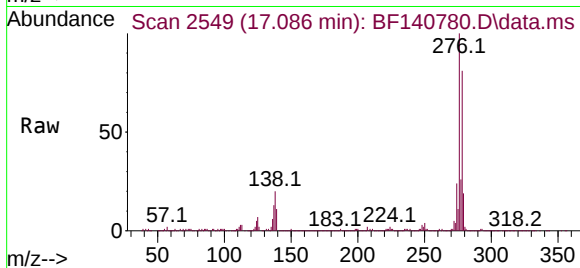
Tgt Ion:276 Resp: 472998

Ion Ratio Lower Upper

276 100

138 18.3 15.5 23.3

277 24.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 119.094 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

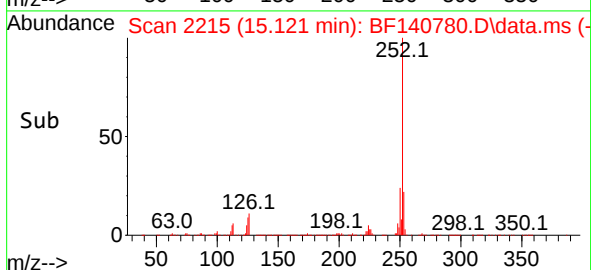
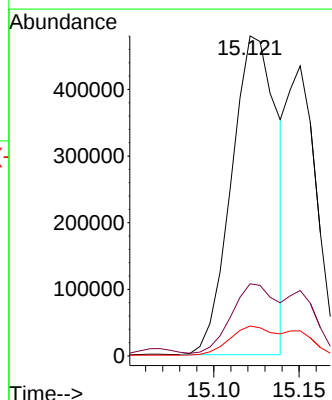
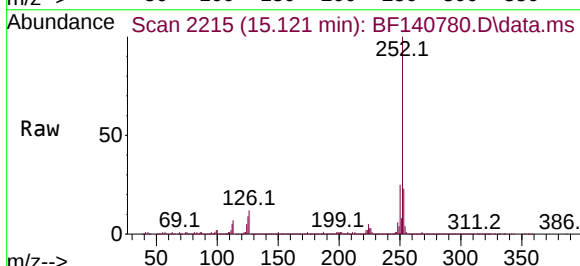
Tgt Ion:252 Resp: 885287

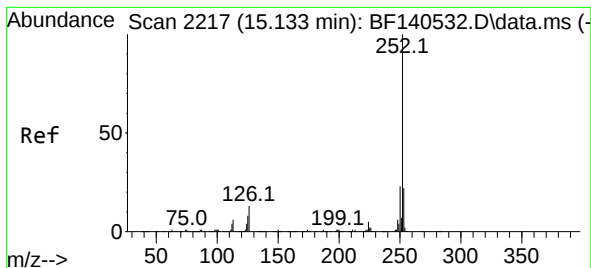
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 9.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 136.093 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

Instrument :

BNA_F

ClientSampleId :

10TH-ST-SOILMS

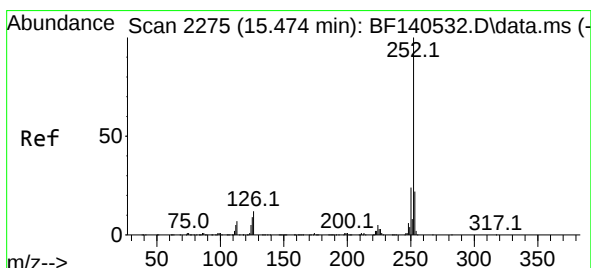
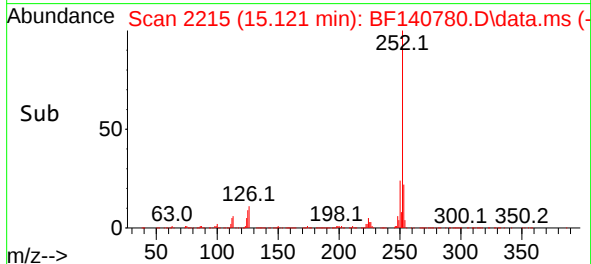
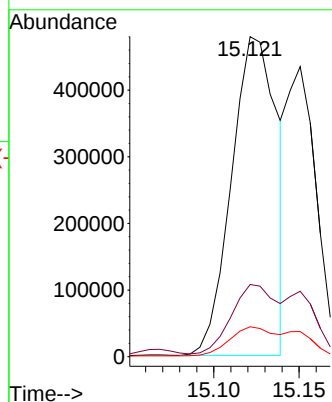
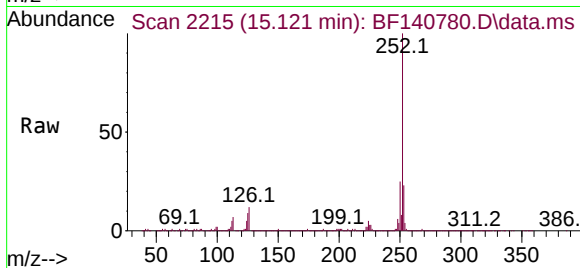
Tgt Ion:252 Resp: 885287

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 9.4 6.5 9.7



#90

Benzo(a)pyrene

Concen: 104.827 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.023 min

Lab File: BF140780.D

Acq: 06 Dec 2024 21:10

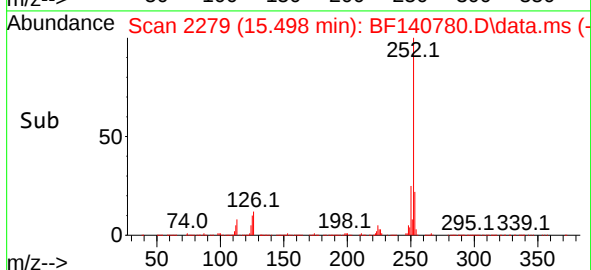
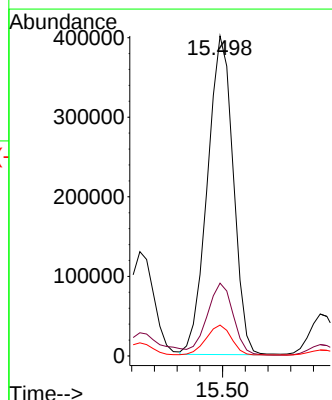
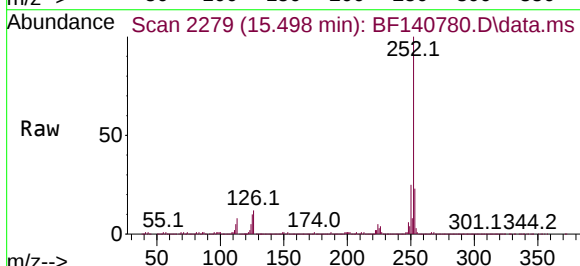
Tgt Ion:252 Resp: 633581

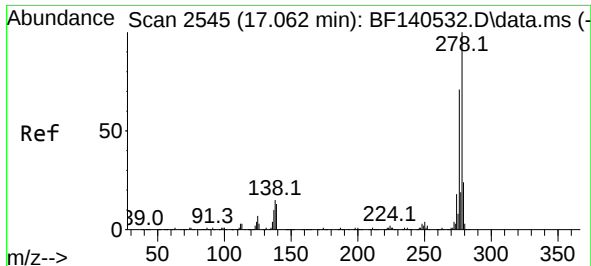
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 9.6 7.0 10.6

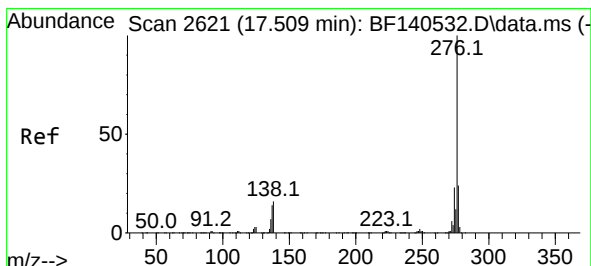
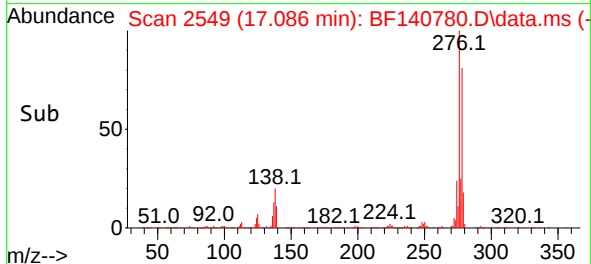
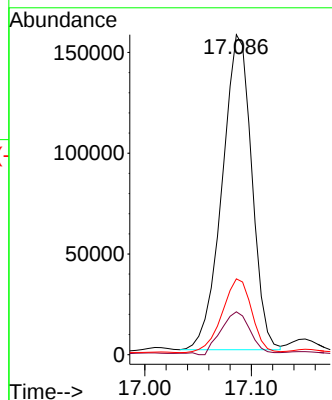
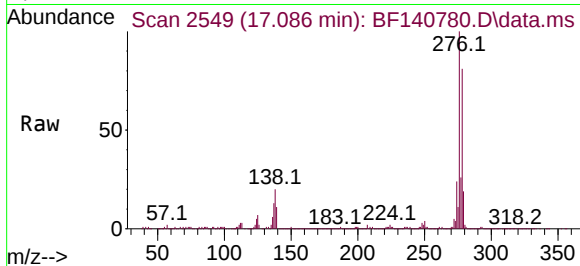




#91
Dibenzo(a,h)anthracene
Concen: 47.867 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Instrument :
BNA_F
ClientSampleId :
10TH-ST-SOILMS

Tgt Ion:278 Resp: 302339
Ion Ratio Lower Upper
278 100
139 13.4 10.2 15.4
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 56.931 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.029 min
Lab File: BF140780.D
Acq: 06 Dec 2024 21:10

Tgt Ion:276 Resp: 366946
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 17.9 13.2 19.8

