

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132779.D
 Acq On : 14 Mar 2023 15:40
 Operator : CG\JU
 Sample : 01877-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Quant Time: Mar 14 16:01:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	213712	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	783428	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	420055	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	795730	20.000	ng	0.00
76) Chrysene-d12	14.157	240	384931	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	449385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1280703	97.259	ng	0.02
7) Phenol-d6	6.604	99	1569763	91.343	ng	0.00
23) Nitrobenzene-d5	7.534	82	1125549	68.163	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	510993	112.642	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1815259	65.802	ng	0.00
79) Terphenyl-d14	13.092	244	2198116	96.549	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.005	88	241045	33.093	ng	# 83
3) Pyridine	3.728	79	484642	25.066	ng	92
4) n-Nitrosodimethylamine	3.657	42	245816	33.659	ng	84
6) Aniline	6.634	93	335887	14.523	ng	95
8) 2-Chlorophenol	6.757	128	578551	42.333	ng	96
9) Benzaldehyde	6.522	77	136365	14.705	ng	97
10) Phenol	6.616	94	661228	33.560	ng	93
11) bis(2-Chloroethyl)ether	6.698	93	621402	40.855	ng	95
12) 1,3-Dichlorobenzene	6.910	146	590533	40.265	ng	97
13) 1,4-Dichlorobenzene	6.987	146	593238	40.510	ng	97
14) 1,2-Dichlorobenzene	7.134	146	574043	40.845	ng	99
15) Benzyl Alcohol	7.110	79	529185	39.983	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	715221	36.875	ng	90
17) 2-Methylphenol	7.222	107	474537	37.205	ng	97
18) Hexachloroethane	7.475	117	225858	39.477	ng	98
19) n-Nitroso-di-n-propyla...	7.381	70	370686	35.048	ng	# 90
20) 3+4-Methylphenols	7.375	107	527699	32.024	ng	# 89
22) Acetophenone	7.375	105	734986	37.206	ng	# 91
24) Nitrobenzene	7.551	77	643348	36.430	ng	98
25) Isophorone	7.787	82	1199441	37.887	ng	99
26) 2-Nitrophenol	7.869	139	322591	41.401	ng	88
27) 2,4-Dimethylphenol	7.898	122	500806	40.723	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	744723	40.212	ng	100
29) 2,4-Dichlorophenol	8.110	162	497059	40.632	ng	100
30) 1,2,4-Trichlorobenzene	8.187	180	536390	40.380	ng	98
31) Naphthalene	8.275	128	1555331	38.780	ng	100
32) Benzoic acid	8.034	122	334124	35.559	ng	96
33) 4-Chloroaniline	8.322	127	104513	6.081	ng	# 90
34) Hexachlorobutadiene	8.381	225	330963	39.209	ng	99
35) Caprolactam	8.698	113	99297	24.621	ng	93
36) 4-Chloro-3-methylphenol	8.810	107	528619	39.347	ng	92
37) 2-Methylnaphthalene	8.963	142	1038372	37.991	ng	99
38) 1-Methylnaphthalene	9.063	142	968122	37.902	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	560918	40.814	ng	99
41) Hexachlorocyclopentadiene	9.116	237	571170	76.624	ng	99

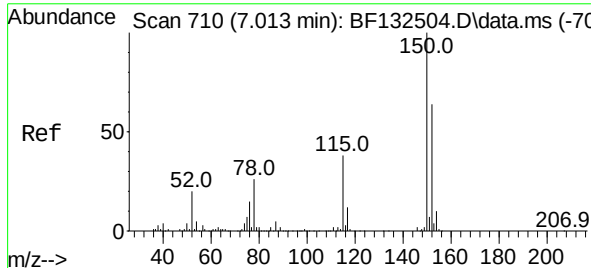
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.245	196	372662	40.012	ng	99
44) 2,4,5-Trichlorophenol	9.292	196	407587	37.495	ng	97
46) 1,1'-Biphenyl	9.428	154	1265793	39.813	ng	98
47) 2-Chloronaphthalene	9.457	162	1019915	40.461	ng	99
48) 2-Nitroaniline	9.557	65	338076	36.415	ng	# 84
49) Acenaphthylene	9.875	152	1562060	38.937	ng	100
50) Dimethylphthalate	9.728	163	1240714	40.566	ng	100
51) 2,6-Dinitrotoluene	9.792	165	287056	41.211	ng	95
52) Acenaphthene	10.045	154	919684	36.102	ng	99
53) 3-Nitroaniline	9.963	138	116293	14.925	ng	97
54) 2,4-Dinitrophenol	10.081	184	307663	70.321	ng	# 87
55) Dibenzofuran	10.216	168	1432757	38.580	ng	99
56) 4-Nitrophenol	10.134	139	368688	63.448	ng	96
57) 2,4-Dinitrotoluene	10.204	165	373537	40.310	ng	92
58) Fluorene	10.563	166	1128263	39.718	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	337909	41.847	ng	97
60) Diethylphthalate	10.428	149	1177639	39.424	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	587296	39.853	ng	92
62) 4-Nitroaniline	10.586	138	276457	36.145	ng	91
63) Azobenzene	10.710	77	1198756	37.893	ng	98
65) 4,6-Dinitro-2-methylph...	10.616	198	212333	39.418	ng	89
66) n-Nitrosodiphenylamine	10.669	169	993780	40.060	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	377970	41.992	ng	100
68) Hexachlorobenzene	11.110	284	418229	44.158	ng	95
69) Atrazine	11.192	200	308203	39.796	ng	99
70) Pentachlorophenol	11.310	266	401158	71.191	ng	99
71) Phenanthrene	11.533	178	1631914	39.588	ng	99
72) Anthracene	11.581	178	1672230	39.393	ng	99
73) Carbazole	11.739	167	1465787	38.298	ng	99
74) Di-n-butylphthalate	12.051	149	1796577	40.018	ng	100
75) Fluoranthene	12.722	202	1660993	36.858	ng	99
77) Benzidine	12.845	184	129681	13.840	ng	99
78) Pyrene	12.957	202	1675971	47.889	ng	100
80) Butylbenzylphthalate	13.563	149	617265	44.695	ng	93
81) Benzo(a)anthracene	14.145	228	1185695	41.168	ng	98
82) 3,3'-Dichlorobenzidine	14.104	252	199317	23.473	ng	99
83) Chrysene	14.186	228	1125436	41.787	ng	99
84) Bis(2-ethylhexyl)phtha...	14.116	149	762133	44.923	ng	99
85) Di-n-octyl phthalate	14.733	149	1159041	46.751	ng	97
87) Indeno(1,2,3-cd)pyrene	17.268	276	1358090	46.122	ng	99
88) Benzo(b)fluoranthene	15.233	252	1274606	42.324	ng	98
89) Benzo(k)fluoranthene	15.263	252	1114444	37.811	ng	98
90) Benzo(a)pyrene	15.621	252	1111015	39.418	ng	99
91) Dibenzo(a,h)anthracene	17.286	278	1117064	46.561	ng	98
92) Benzo(g,h,i)perylene	17.751	276	1105565	41.019	ng	100

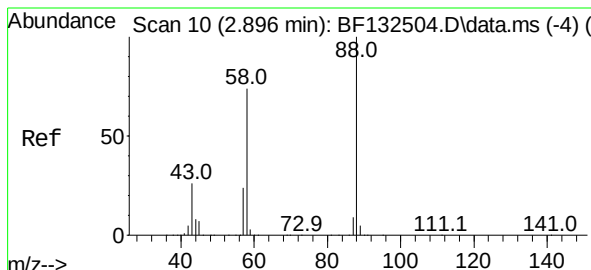
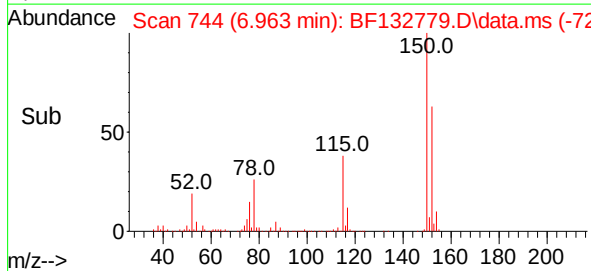
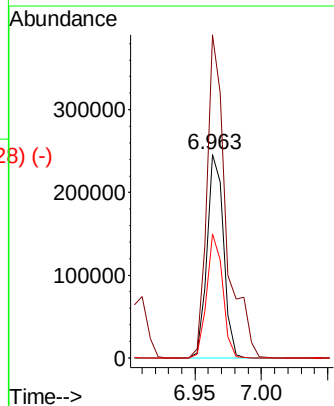
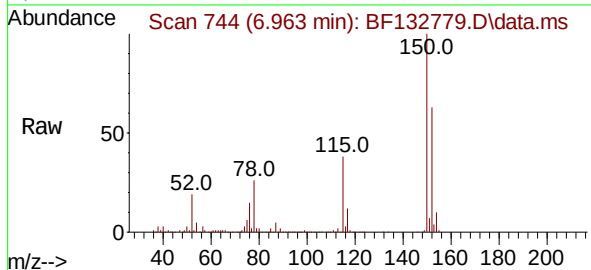
(#) = qualifier out of range (m) = manual integration (+) = signals summed



1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

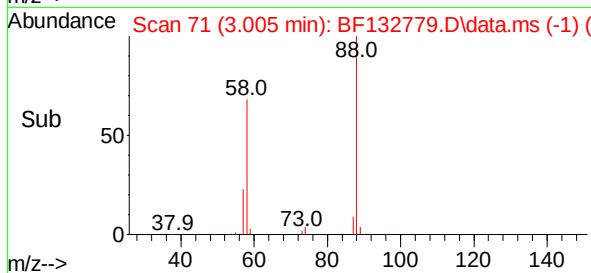
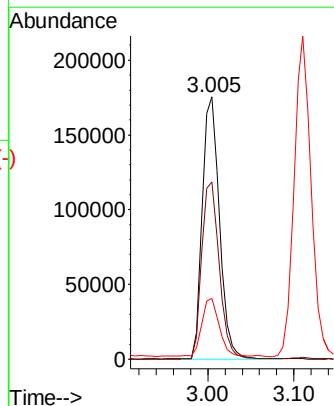
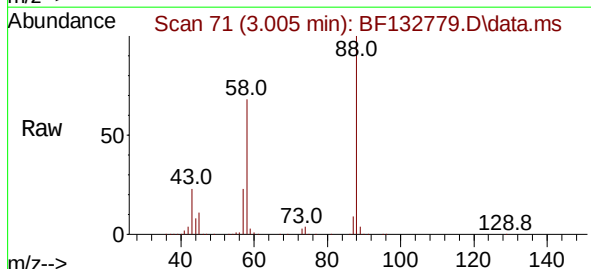
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

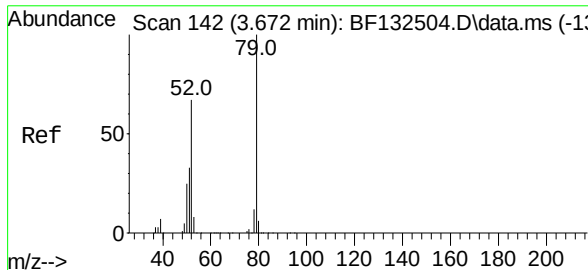
Tgt Ion:152 Resp: 213712
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.4 188.2
 115 61.0 47.8 71.6



1,4-Dioxane
 Concen: 33.093 ng
 RT: 3.005 min Scan# 71
 Delta R.T. 0.194 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion: 88 Resp: 241045
 Ion Ratio Lower Upper
 88 100
 58 68.6 58.3 87.5
 43 0.0 20.7 31.1#





Pyridine

Concen: 25.066 ng

RT: 3.728 min Scan# 1

Delta R.T. 0.135 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

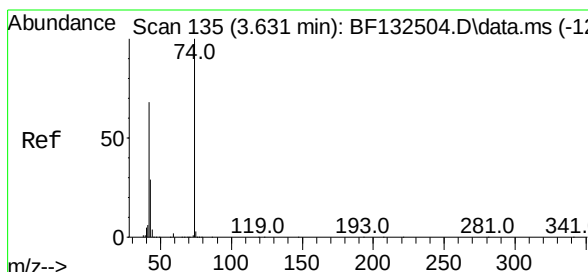
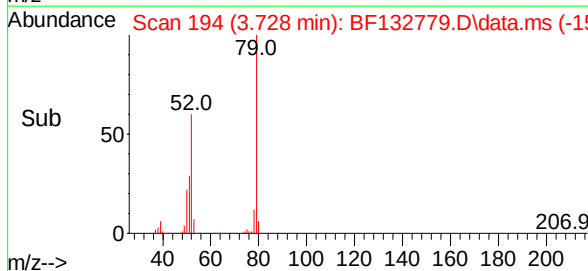
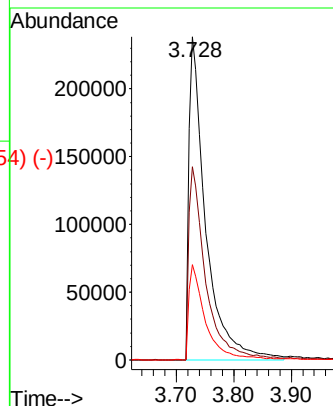
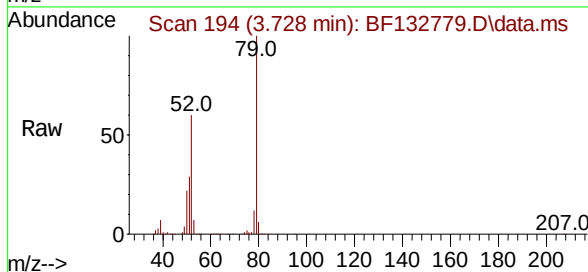
Tgt Ion: 79 Resp: 484642

Ion Ratio Lower Upper

79 100

52 59.8 53.7 80.5

51 29.4 26.6 40.0



n-Nitrosodimethylamine

Concen: 33.659 ng

RT: 3.657 min Scan# 182

Delta R.T. 0.100 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

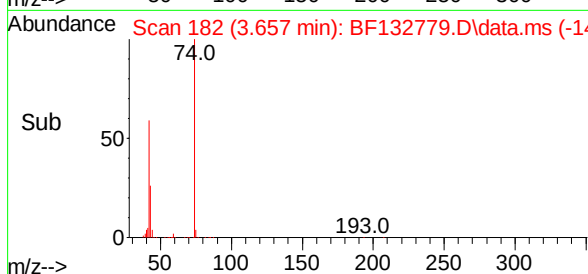
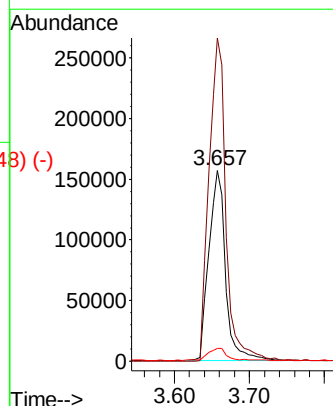
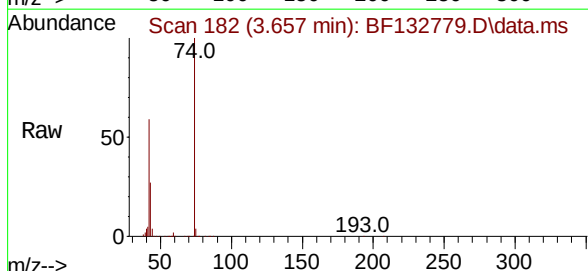
Tgt Ion: 42 Resp: 245816

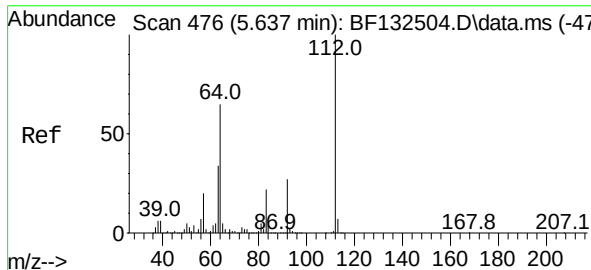
Ion Ratio Lower Upper

42 100

74 169.3 118.2 177.2

44 6.8 5.3 7.9





2-Fluorophenol

Concen: 97.259 ng

RT: 5.616 min Scan# 476

Delta R.T. 0.024 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

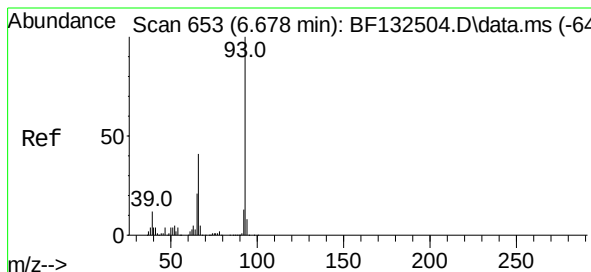
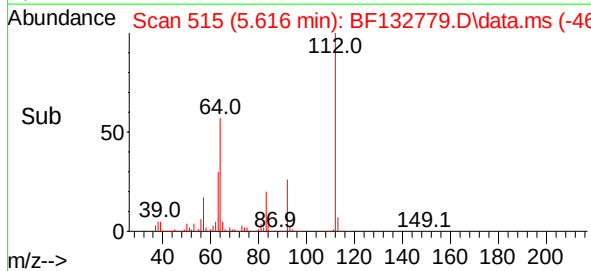
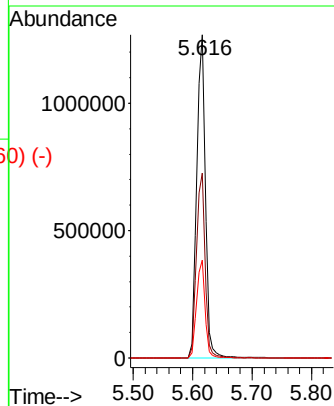
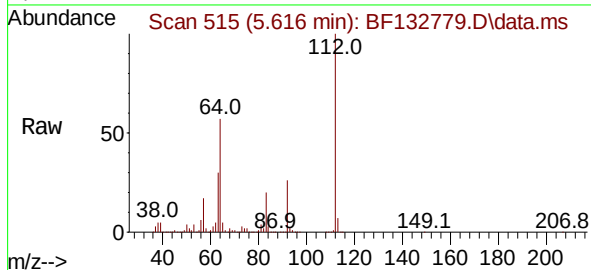
Tgt Ion:112 Resp: 1280703

Ion Ratio Lower Upper

112 100

64 57.2 51.6 77.4

63 30.3 27.4 41.2



Aniline

Concen: 14.523 ng

RT: 6.634 min Scan# 688

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

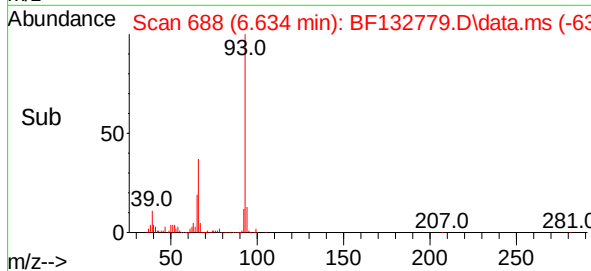
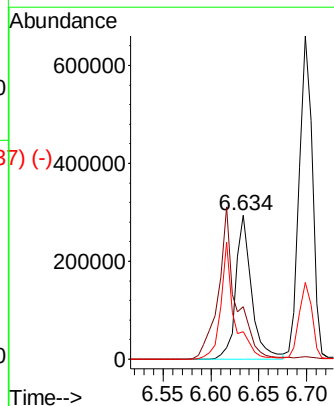
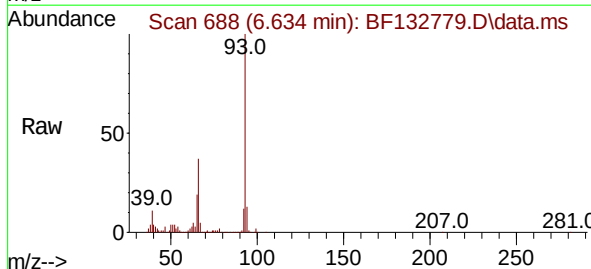
Tgt Ion: 93 Resp: 335887

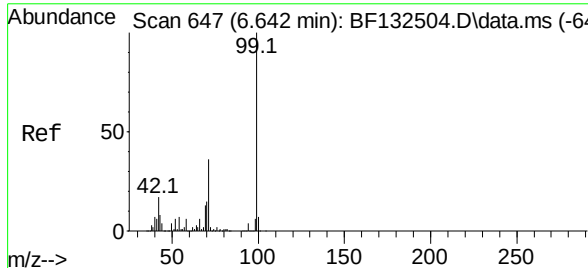
Ion Ratio Lower Upper

93 100

66 36.6 32.5 48.7

65 19.3 16.6 24.8



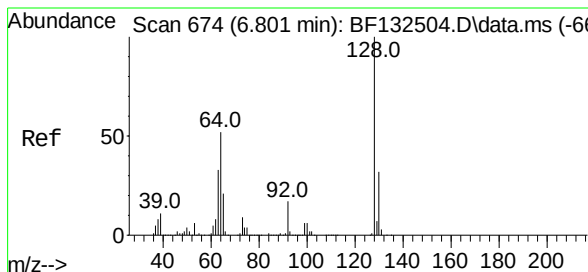
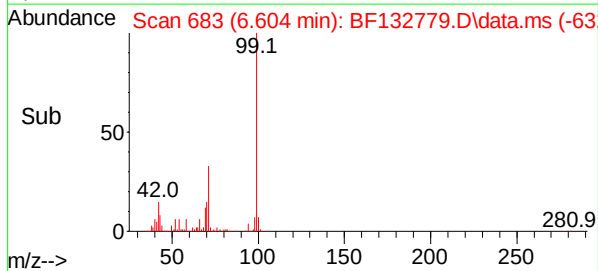
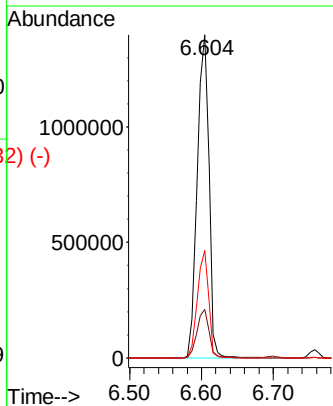
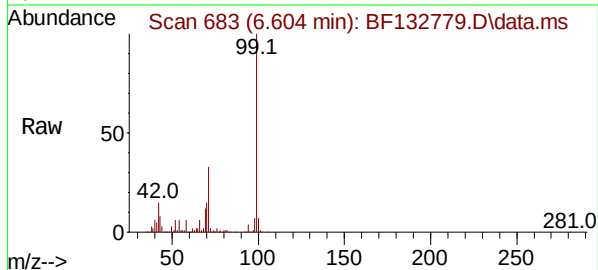


Phenol-d6
 Concen: 91.343 ng
 RT: 6.604 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Tgt Ion: 99 Resp: 1569763

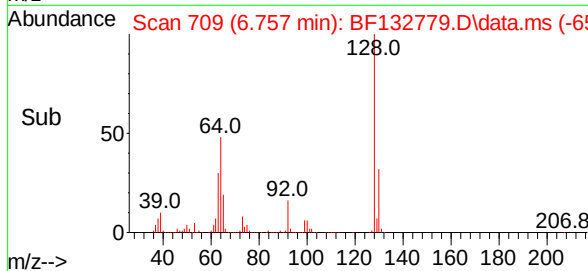
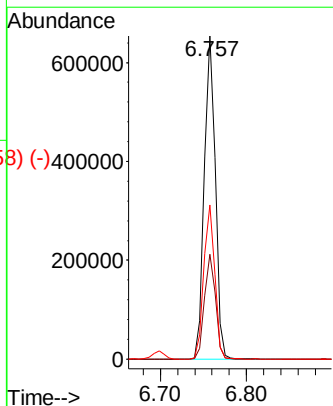
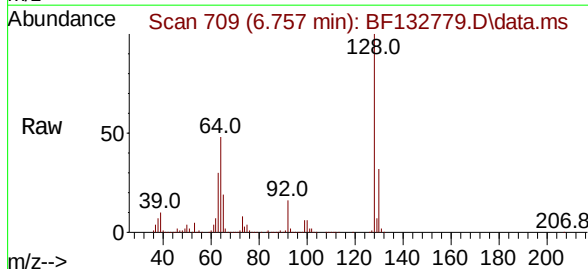
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.9	20.9
71	33.2	28.5	42.7

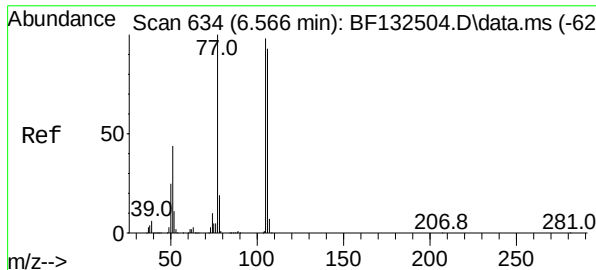


2-Chlorophenol
 Concen: 42.333 ng
 RT: 6.757 min Scan# 709
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion: 128 Resp: 578551

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	47.8	32.0	72.0





Benzaldehyde

Concen: 14.705 ng

RT: 6.522 min Scan#

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

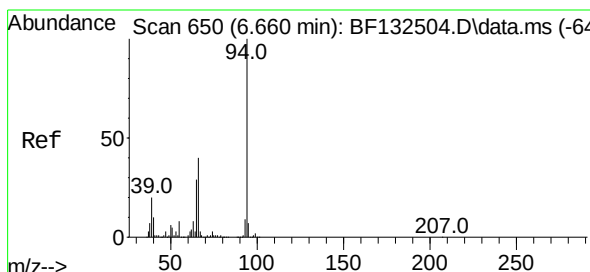
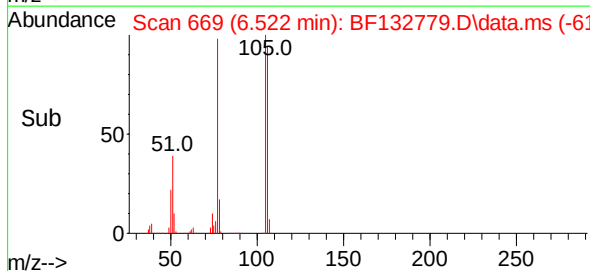
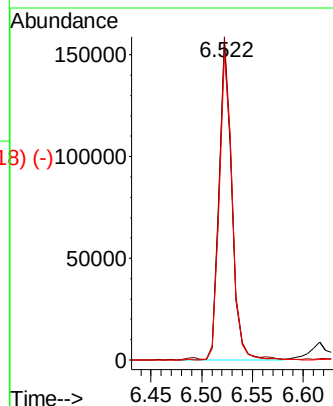
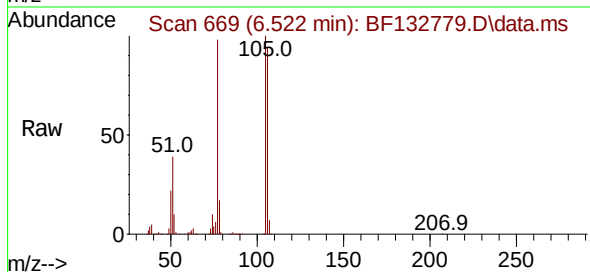
Tgt Ion: 77 Resp: 136365

Ion Ratio Lower Upper

77 100

105 101.7 77.9 117.9

106 96.1 73.4 113.4



Phenol

Concen: 33.560 ng

RT: 6.616 min Scan# 685

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

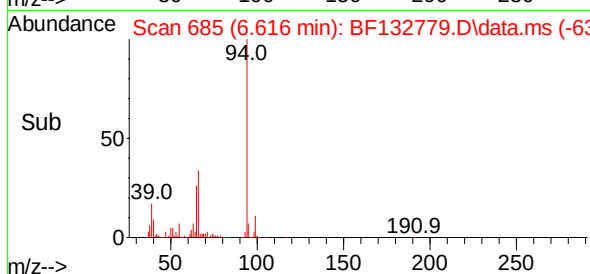
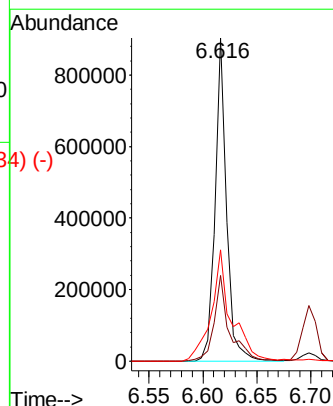
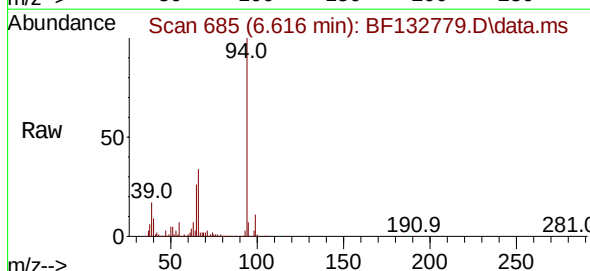
Tgt Ion: 94 Resp: 661228

Ion Ratio Lower Upper

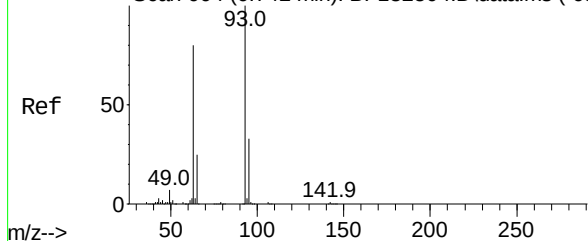
94 100

65 26.5 9.4 49.4

66 34.5 19.8 59.8



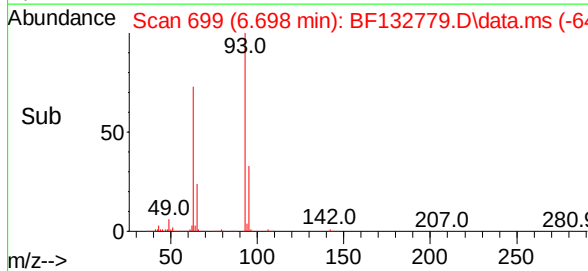
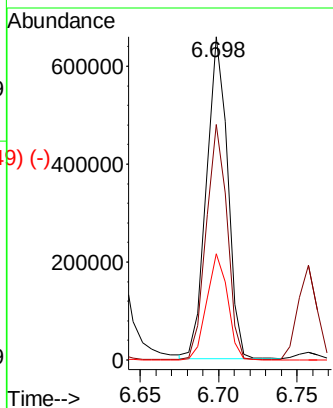
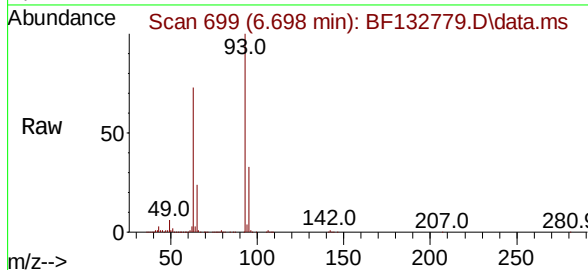
Abundance Scan 664 (6.742 min): BF132504.D\data.ms (-659) #1



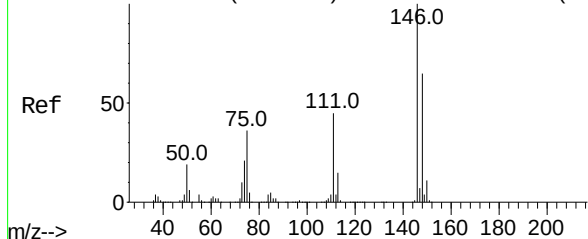
bis(2-Chloroethyl)ether
Concen: 40.855 ng
RT: 6.698 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

Tgt Ion:	93	Resp:	621402
Ion	Ratio	Lower	Upper
93	100		
63	72.9	59.6	99.6
95	32.8	12.8	52.8

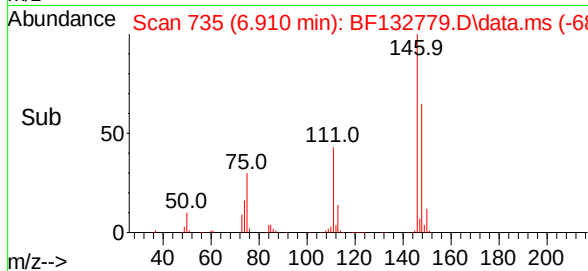
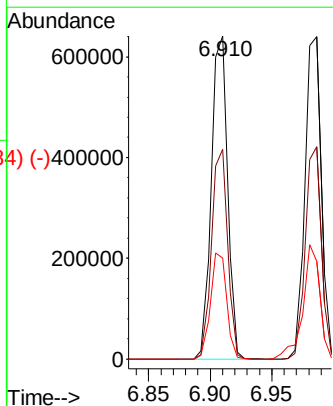
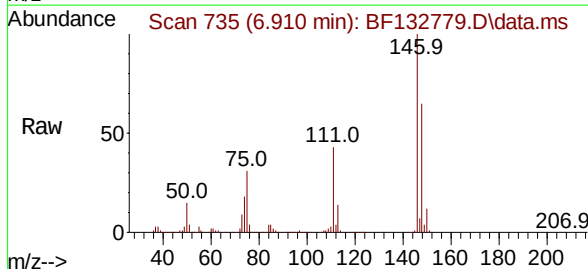


Abundance Scan 700 (6.954 min): BF132504.D\data.ms (-694) #2



1,3-Dichlorobenzene
Concen: 40.265 ng
RT: 6.910 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	146	Resp:	590533
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
75	31.2	28.9	43.3



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

1,4-Dichlorobenzene

Concen: 40.510 ng

RT: 6.987 min Scan#

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

Tgt Ion:146 Resp: 593238

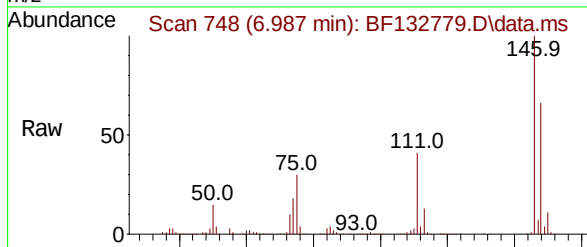
Ion Ratio Lower Upper

146 100

148 65.9 51.1 76.7

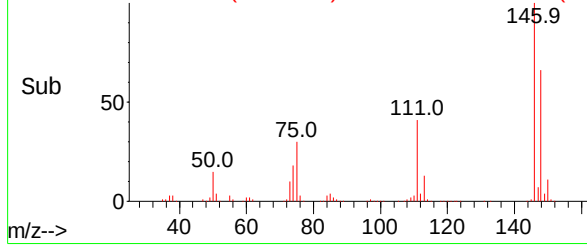
111 40.5 34.8 52.2

Abundance Scan 748 (6.987 min): BF132779.D\data.ms

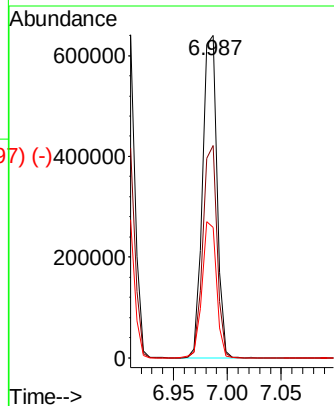


m/z-->

Abundance Scan 748 (6.987 min): BF132779.D\data.ms (-697) (-)



m/z-->



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

1,2-Dichlorobenzene

Concen: 40.845 ng

RT: 7.134 min Scan# 773

Delta R.T. -0.006 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Tgt Ion:146 Resp: 574043

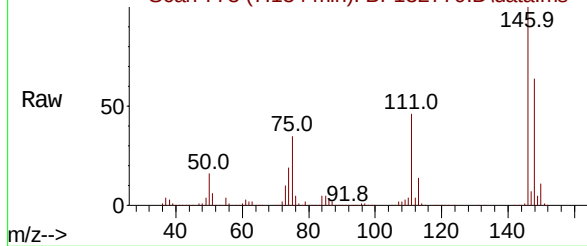
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

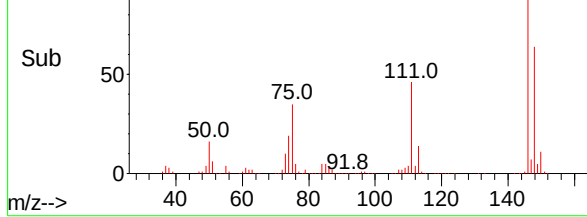
111 45.5 37.2 55.8

Abundance Scan 773 (7.134 min): BF132779.D\data.ms

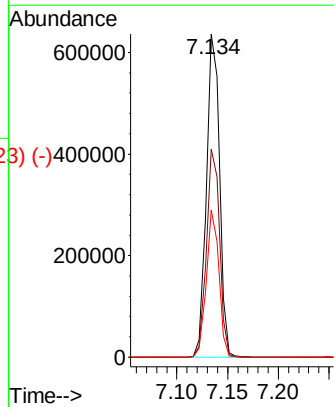


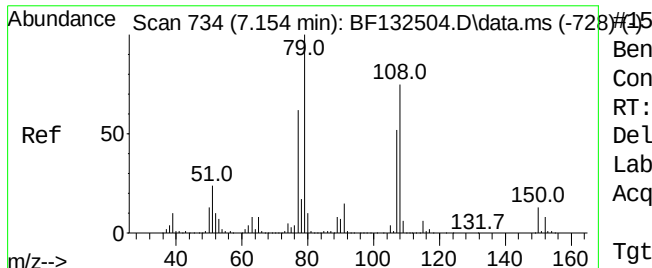
m/z-->

Abundance Scan 773 (7.134 min): BF132779.D\data.ms (-723) (-)



m/z-->

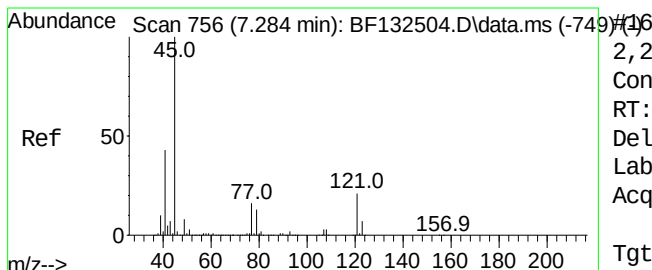
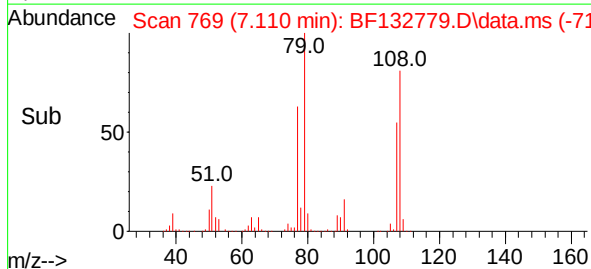
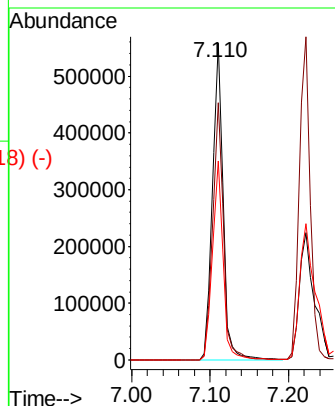
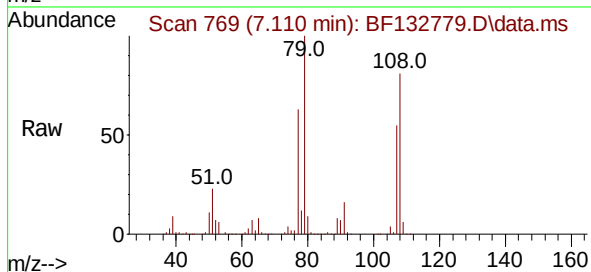




Benzyl Alcohol
 Concen: 39.983 ng
 RT: 7.110 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

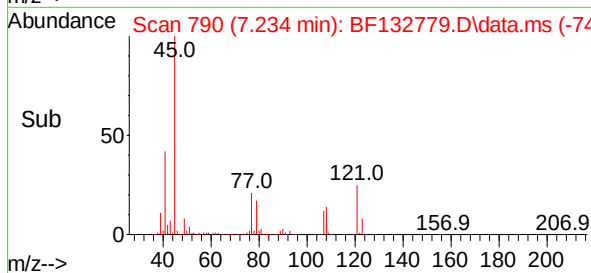
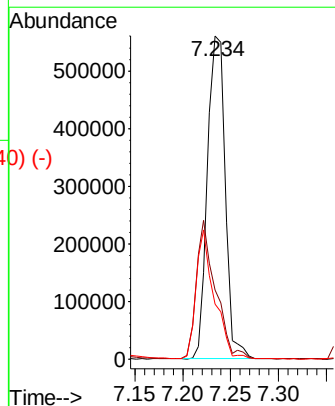
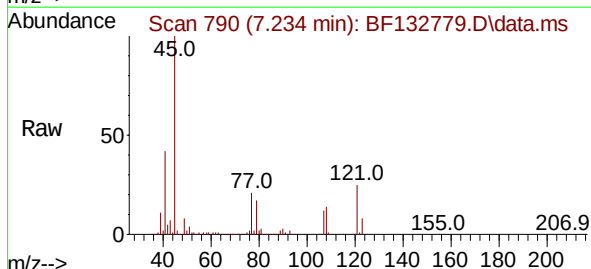
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Tgt Ion:	79	Resp:	529185
Ion	Ratio	Lower	Upper
79	100		
108	81.1	60.2	90.4
77	62.8	49.9	74.9



2,2'-oxybis(1-Chloropropane)
 Concen: 36.875 ng
 RT: 7.234 min Scan# 790
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:	45	Resp:	715221
Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	36.4
79	17.0	0.0	33.4



Abundance Scan 753 (7.266 min): BF132504.D\data.ms (-747) #17

2-Methylphenol

Concen: 37.205 ng

RT: 7.222 min Scan#

Delta R.T. 0.000 min

Lab File: BF132779.D

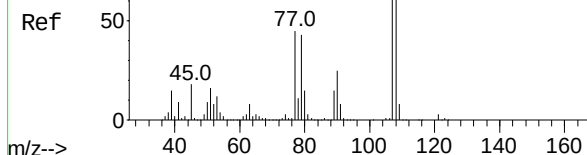
Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD



Tgt Ion:107 Resp: 474537

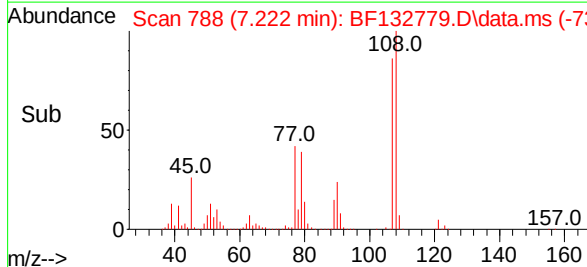
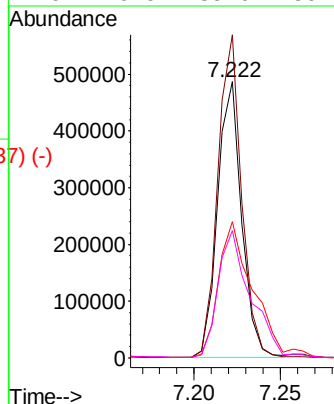
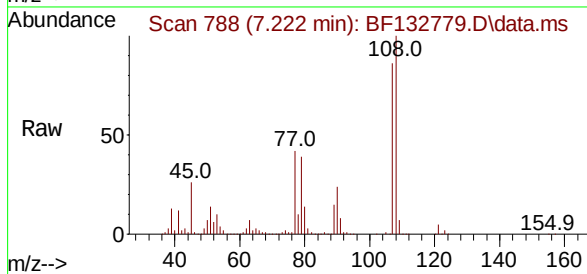
Ion Ratio Lower Upper

107 100

108 117.0 93.0 139.4

77 49.4 42.1 63.1

79 46.0 39.6 59.4



Abundance Scan 797 (7.525 min): BF132504.D\data.ms (-791) #18

Hexachloroethane

Concen: 39.477 ng

RT: 7.475 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

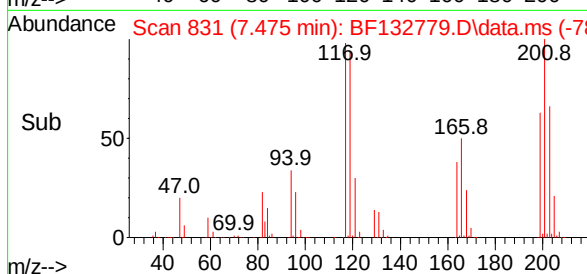
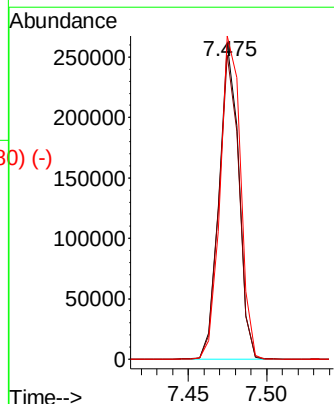
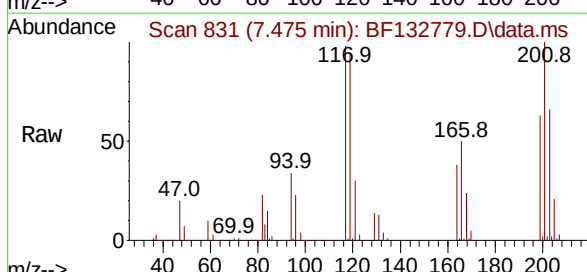
Tgt Ion:117 Resp: 225858

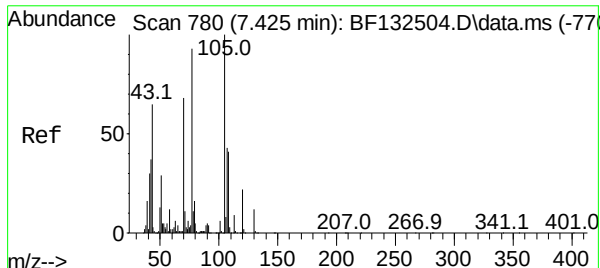
Ion Ratio Lower Upper

117 100

119 96.3 78.0 117.0

201 102.4 79.0 118.4

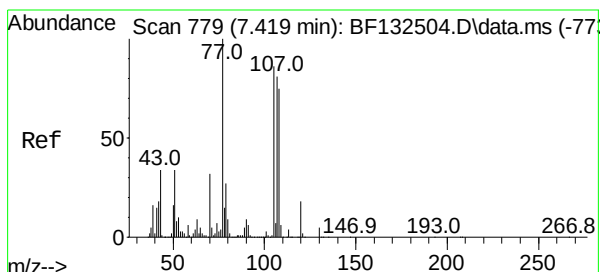
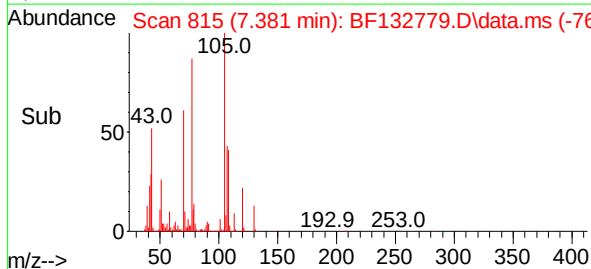
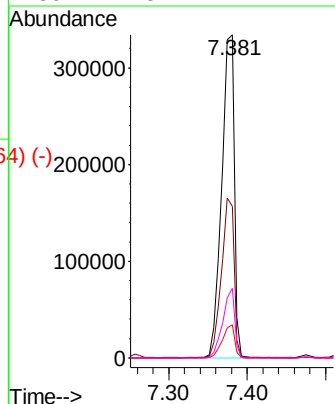
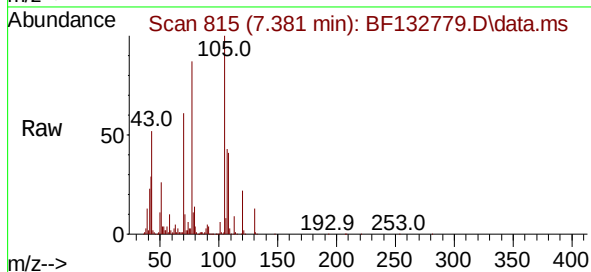




n-Nitroso-di-n-propylamine
 Concen: 35.048 ng
 RT: 7.381 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

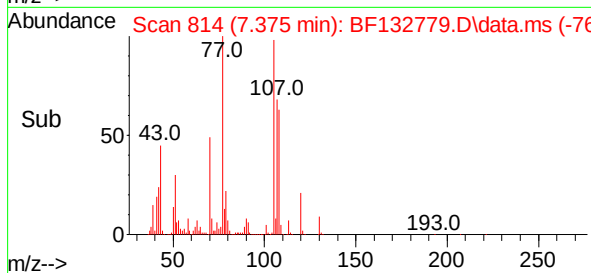
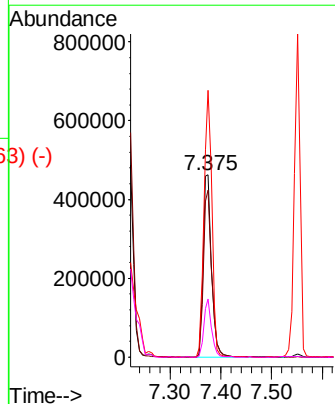
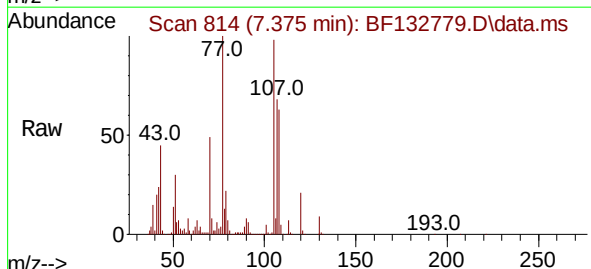
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Tgt Ion:	70	Resp:	370686
Ion	Ratio	Lower	Upper
70	100		
42	46.9	44.1	66.1
101	10.2	7.4	11.2
130	21.5	14.2	21.4#

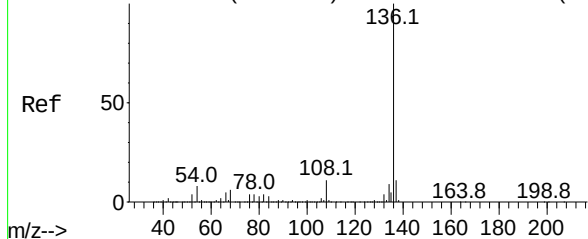


3+4-Methylphenols
 Concen: 32.024 ng
 RT: 7.375 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:	107	Resp:	527699
Ion	Ratio	Lower	Upper
107	100		
108	91.4	72.6	112.6
77	146.2	104.0	144.0#
79	31.8	14.1	54.1



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



Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

Tgt Ion:136 Resp: 783428

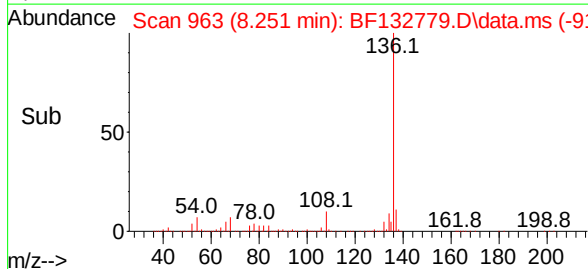
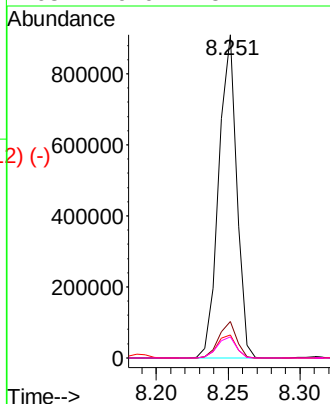
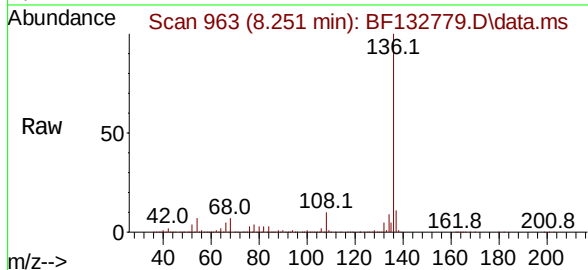
Ion Ratio Lower Upper

136 100

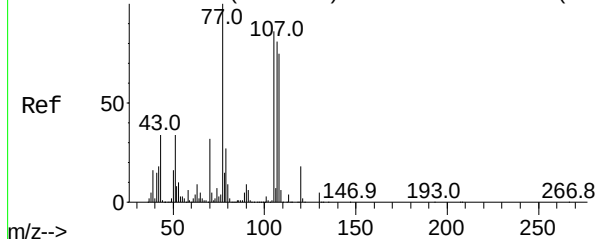
137 11.3 8.9 13.3

54 7.0 6.2 9.4

68 6.6 5.2 7.8



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



Acetophenone

Concen: 37.206 ng

RT: 7.375 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Tgt Ion:105 Resp: 734986

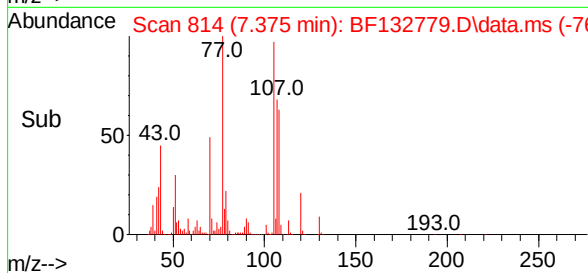
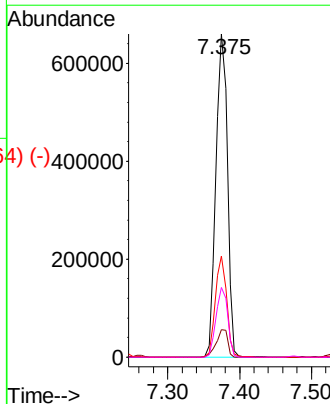
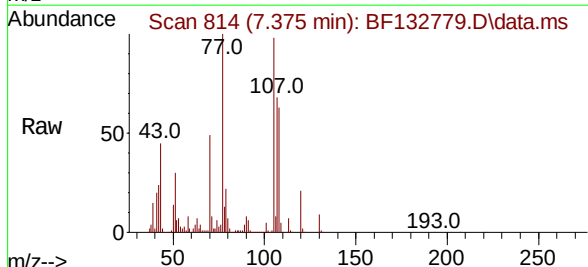
Ion Ratio Lower Upper

105 100

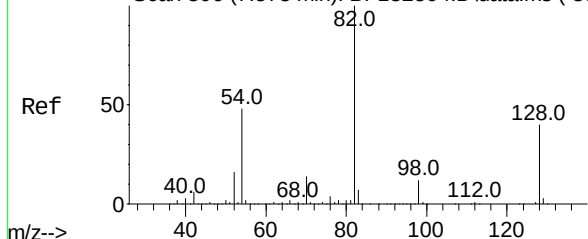
71 8.5 5.0 7.4#

51 31.2 31.5 47.3#

120 21.5 17.0 25.4



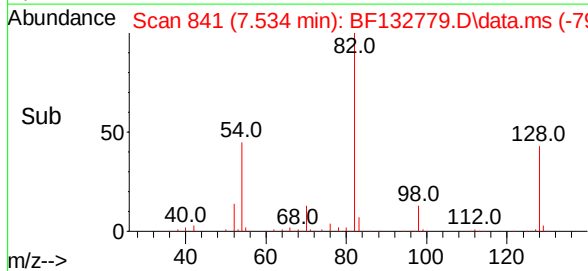
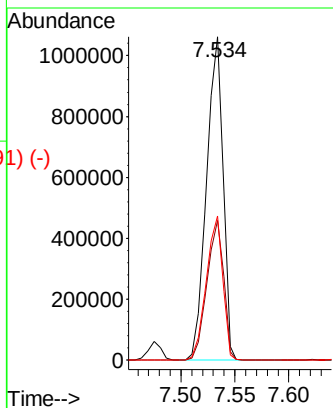
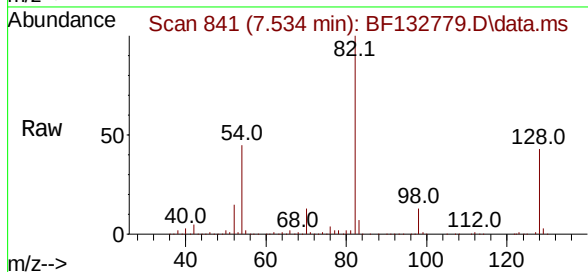
Abundance Scan 806 (7.578 min): BF132504.D\data.ms (-800) #23



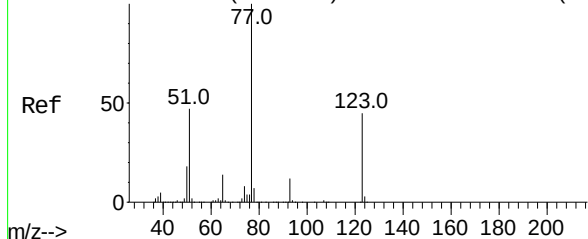
Nitrobenzene-d5
Concen: 68.163 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

Tgt Ion: 82 Resp: 1125549
Ion Ratio Lower Upper
82 100
128 43.1 32.2 48.2
54 44.6 38.4 57.6

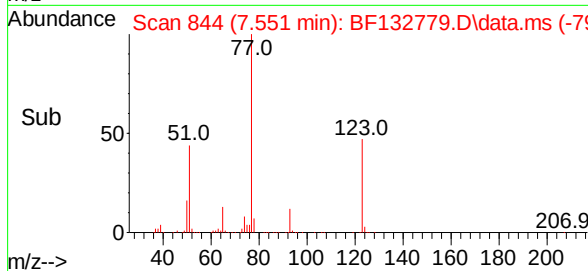
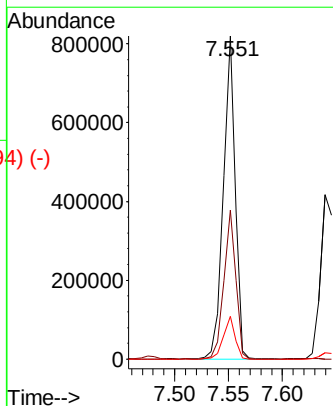
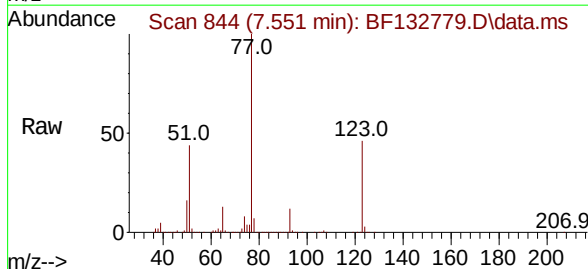


Abundance Scan 810 (7.601 min): BF132504.D\data.ms (-801) #24

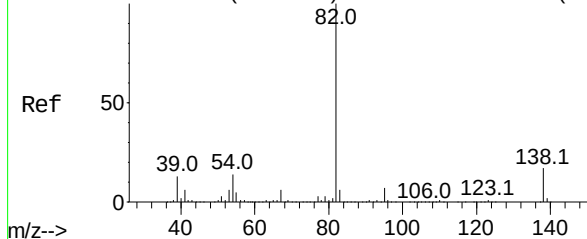


Nitrobenzene
Concen: 36.430 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion: 77 Resp: 643348
Ion Ratio Lower Upper
77 100
123 46.2 35.8 53.6
65 13.2 10.9 16.3



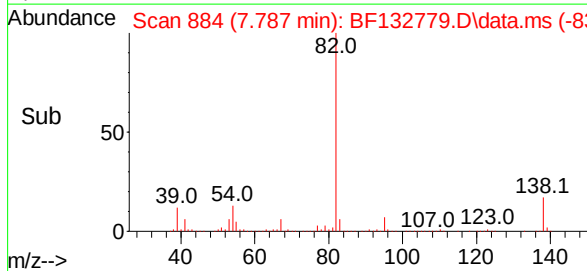
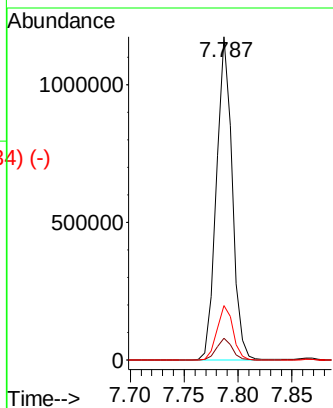
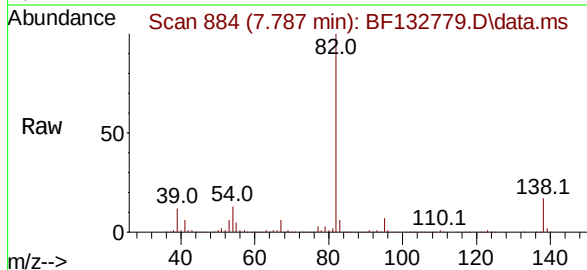
Abundance Scan 850 (7.836 min): BF132504.D\data.ms (-843) #25



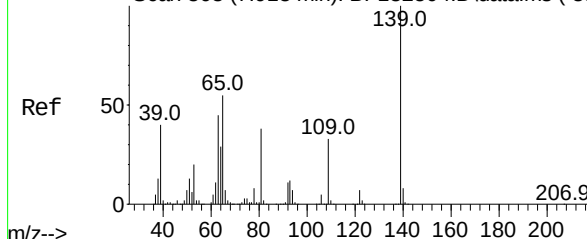
Isophorone
Concen: 37.887 ng
RT: 7.787 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

Tgt Ion: 82 Resp: 1199441
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 16.8 13.3 19.9

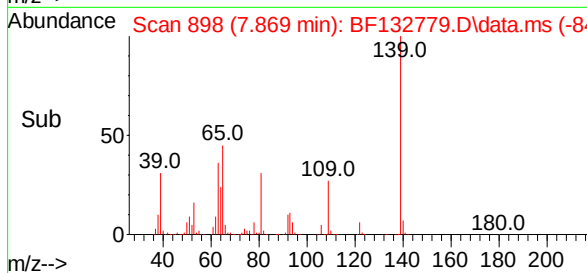
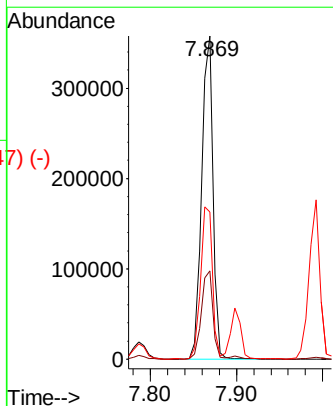
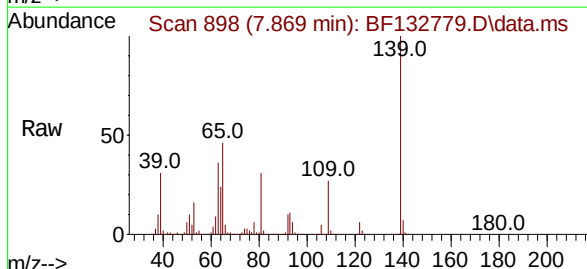


Abundance Scan 863 (7.913 min): BF132504.D\data.ms (-857) #26

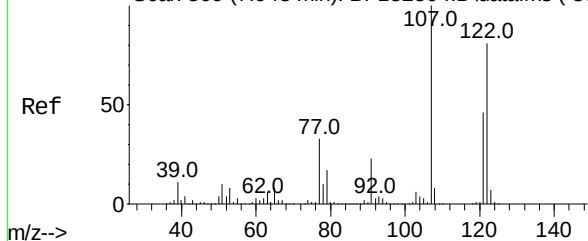


2-Nitrophenol
Concen: 41.401 ng
RT: 7.869 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion: 139 Resp: 322591
Ion Ratio Lower Upper
139 100
109 27.4 26.2 39.2
65 45.5 43.8 65.8



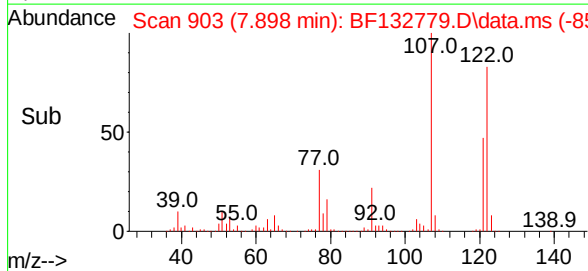
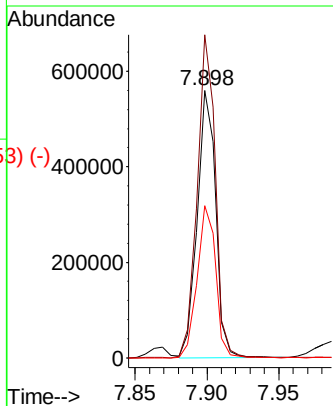
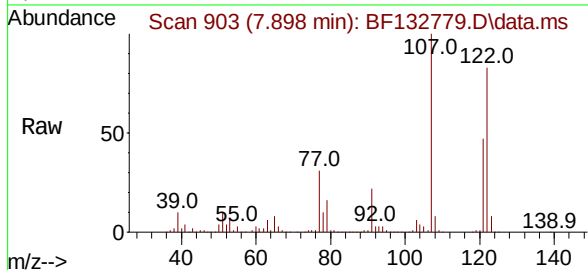
Abundance Scan 869 (7.948 min): BF132504.D\data.ms (-865) #27



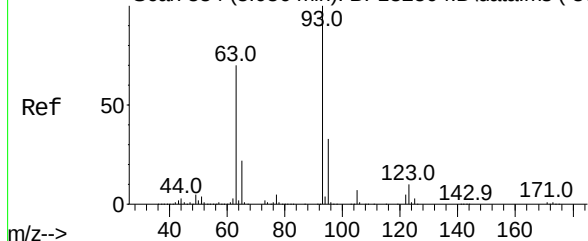
2,4-Dimethylphenol
Concen: 40.723 ng
RT: 7.898 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

Tgt Ion:	122	Resp:	500806
Ion	Ratio	Lower	Upper
122	100		
107	120.8	98.7	148.1
121	57.0	45.8	68.6

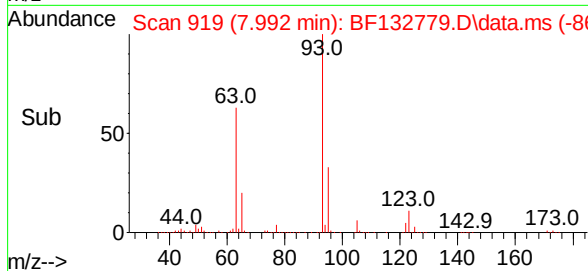
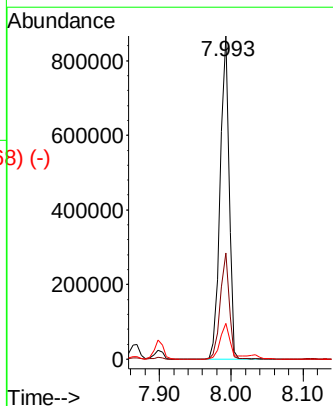
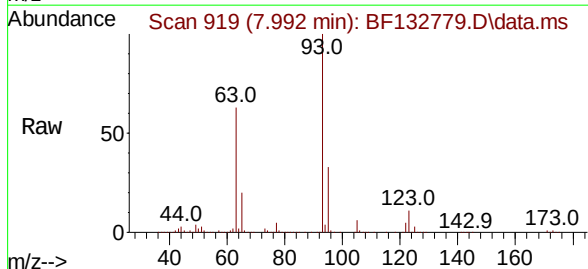


Abundance Scan 884 (8.036 min): BF132504.D\data.ms (-877) #28

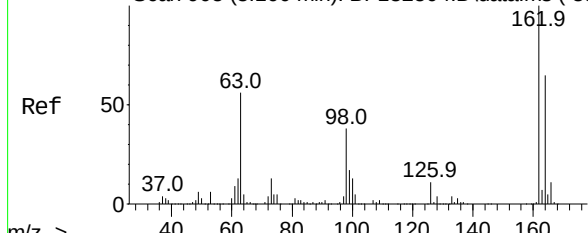


bis(2-Chloroethoxy)methane
Concen: 40.212 ng
RT: 7.992 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	93	Resp:	744723
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.1	8.3	12.5



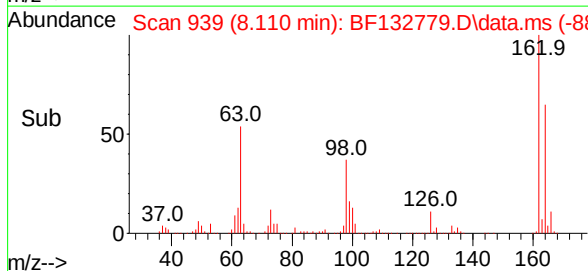
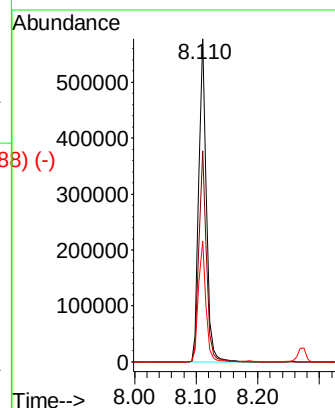
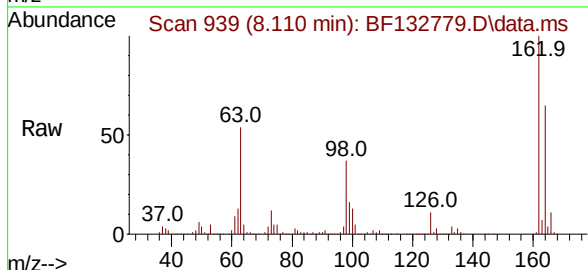
Abundance Scan 905 (8.160 min): BF132504.D\data.ms (-899) #29



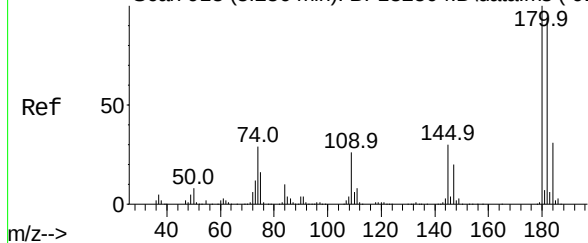
2,4-Dichlorophenol
Concen: 40.632 ng
RT: 8.110 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

Tgt Ion:	162	Resp:	497059
Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.3	85.3
98	37.5	17.9	57.9

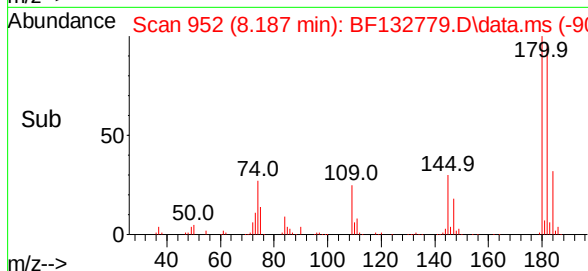
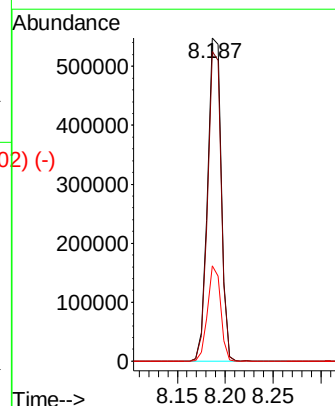
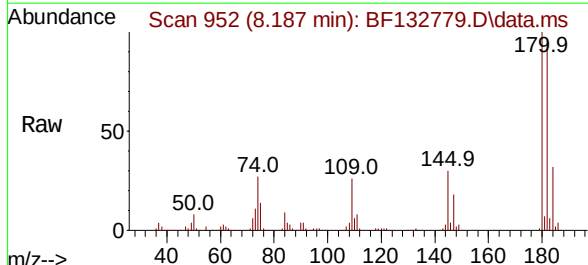


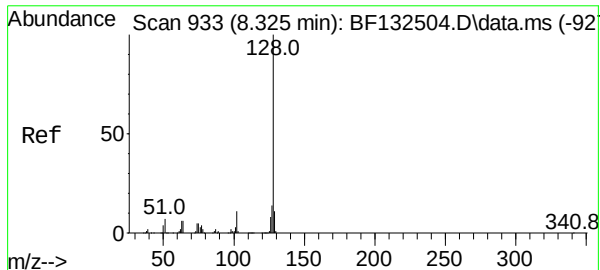
Abundance Scan 918 (8.236 min): BF132504.D\data.ms (-912) #30



1,2,4-Trichlorobenzene
Concen: 40.380 ng
RT: 8.187 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	180	Resp:	536390
Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.1	112.7
145	29.5	23.8	35.6

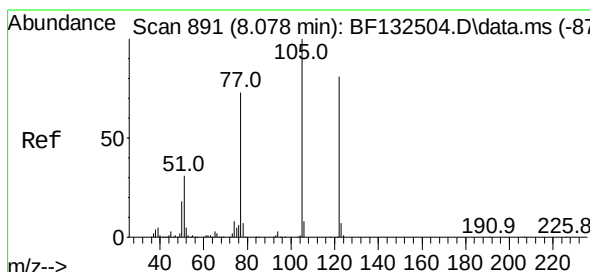
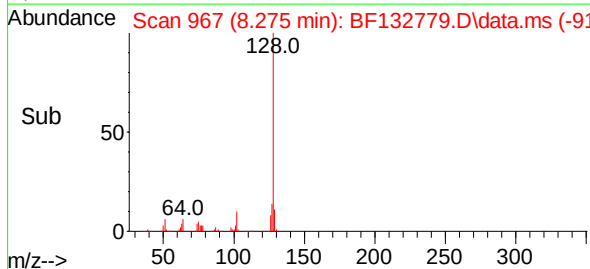
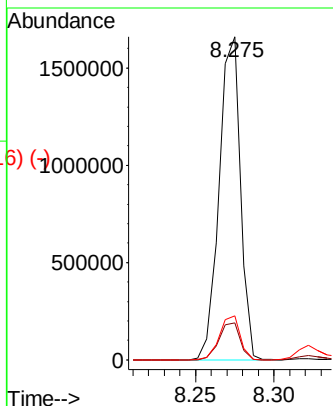
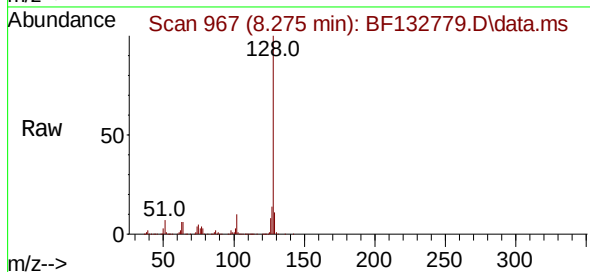




#31
Naphthalene
Concen: 38.780 ng
RT: 8.275 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

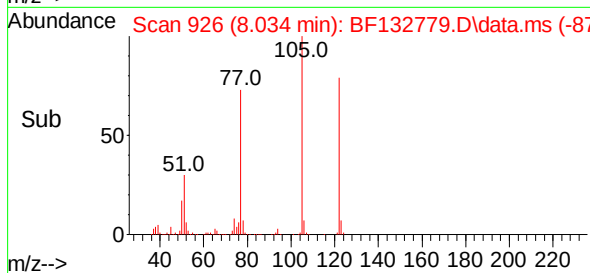
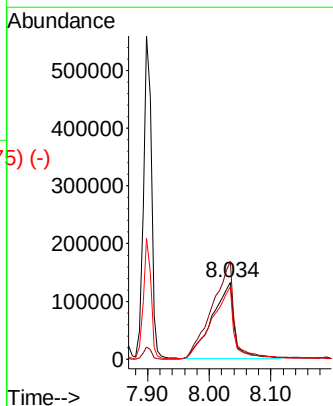
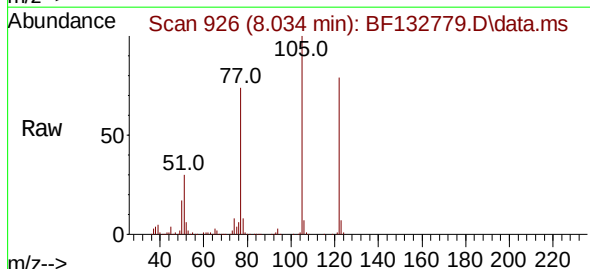
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

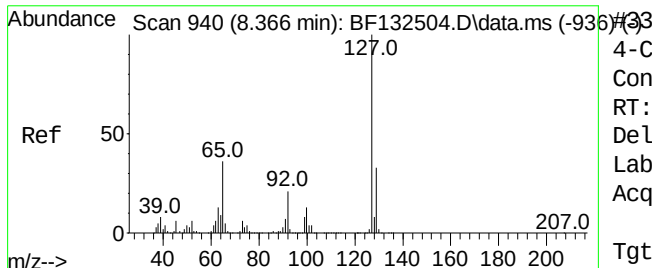
Tgt Ion:128 Resp: 1555331
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 35.559 ng
RT: 8.034 min Scan# 926
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:122 Resp: 334124
Ion Ratio Lower Upper
122 100
105 127.2 102.6 142.6
77 94.1 70.2 110.2





4-Chloroaniline

Concen: 6.081 ng

RT: 8.322 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

Tgt Ion:127 Resp: 104513

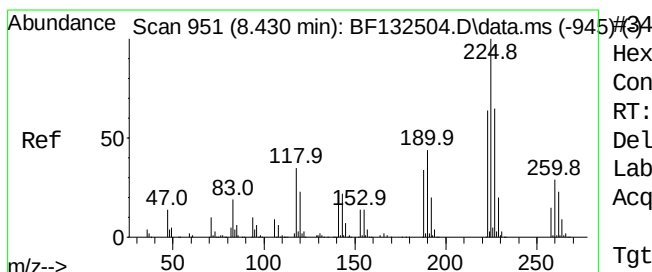
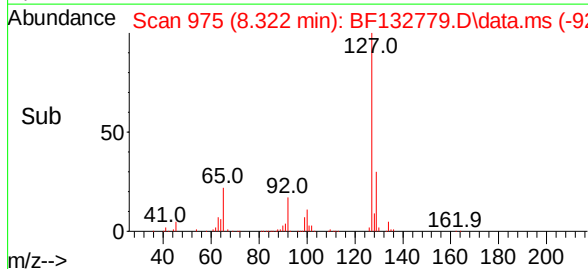
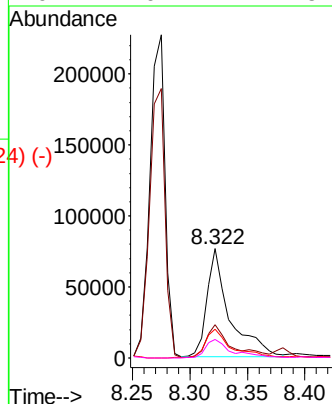
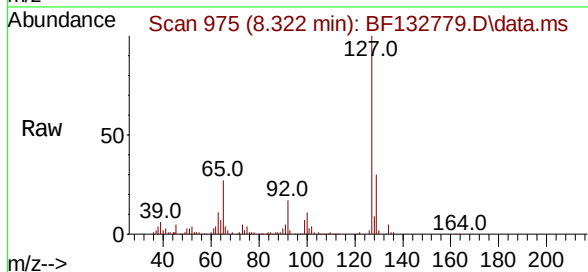
Ion Ratio Lower Upper

127 100

129 30.3 26.4 39.6

65 26.5 28.8 43.2#

92 17.0 17.1 25.7#



Hexachlorobutadiene

Concen: 39.209 ng

RT: 8.381 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

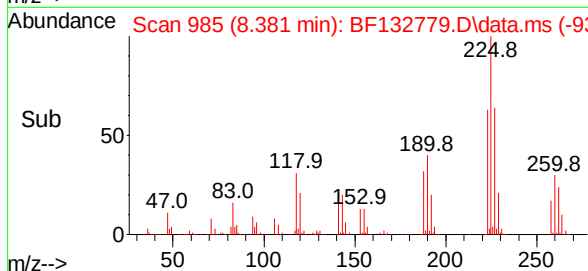
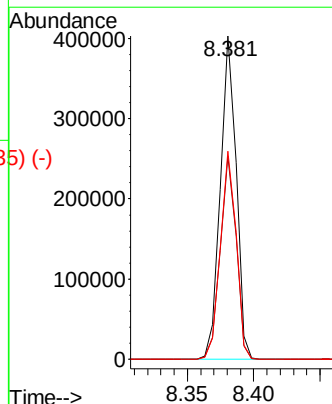
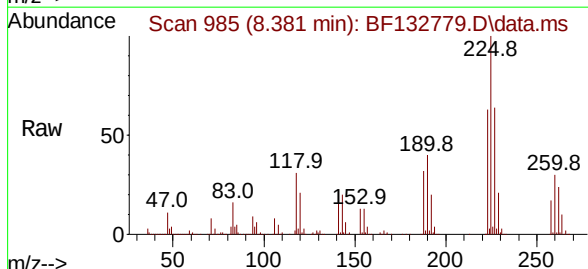
Tgt Ion:225 Resp: 330963

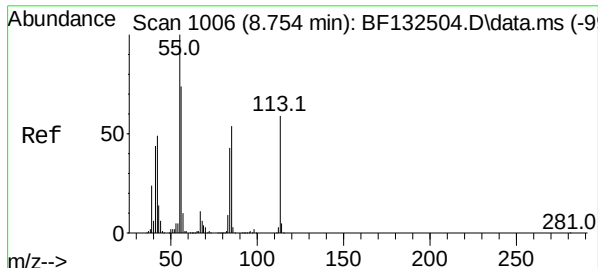
Ion Ratio Lower Upper

225 100

223 62.8 51.0 76.4

227 64.3 51.7 77.5





Caprolactam

Concen: 24.621 ng

RT: 8.698 min Scan#

Delta R.T. -0.012 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

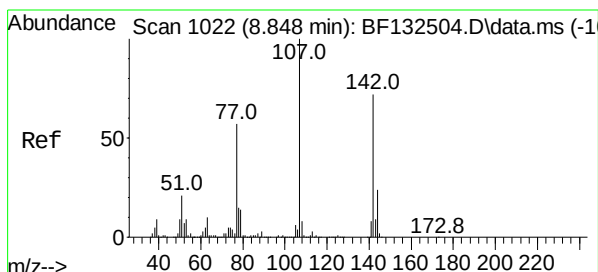
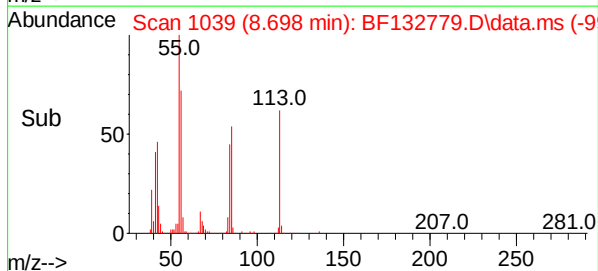
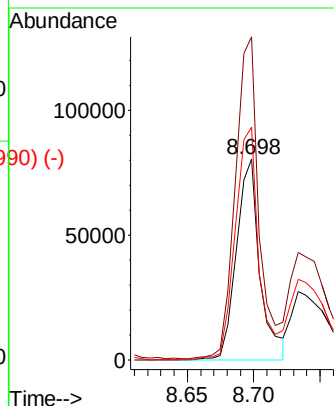
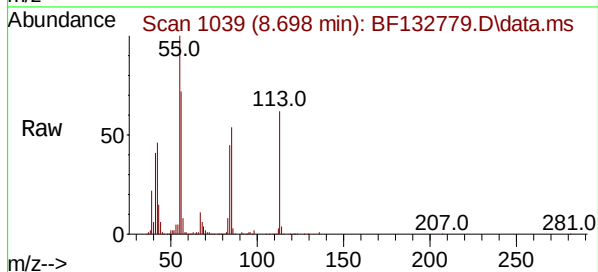
Tgt Ion:113 Resp: 99297

Ion Ratio Lower Upper

113 100

55 160.6 149.4 189.4

56 115.9 105.0 145.0



4-Chloro-3-methylphenol

Concen: 39.347 ng

RT: 8.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

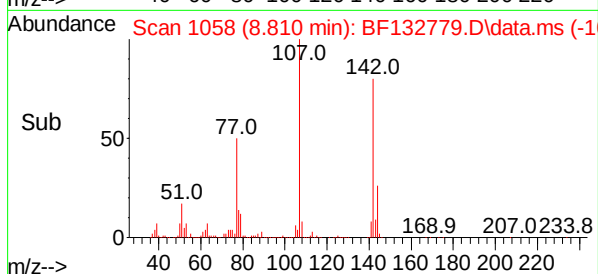
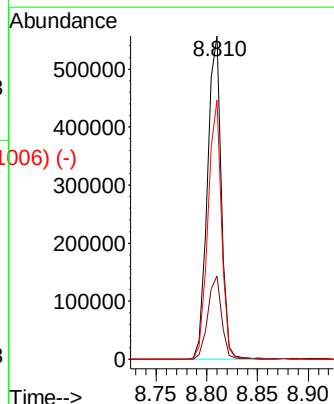
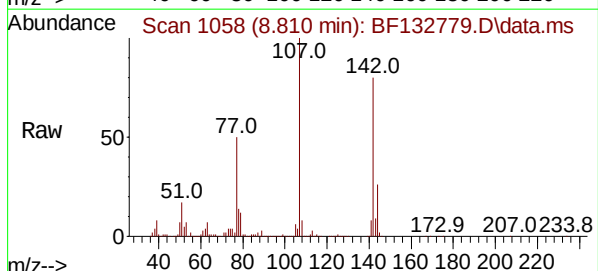
Tgt Ion:107 Resp: 528619

Ion Ratio Lower Upper

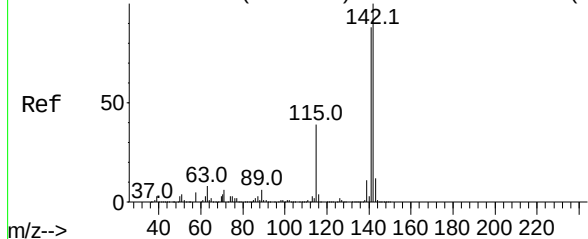
107 100

144 25.6 18.9 28.3

142 80.3 57.9 86.9



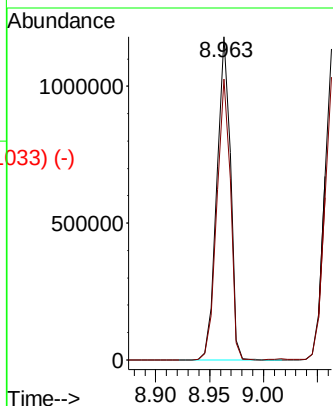
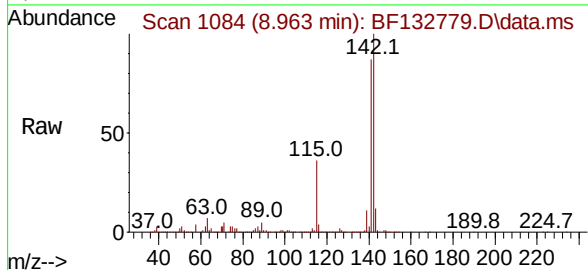
Abundance Scan 1050 (9.013 min): BF132504.D\data.ms (-10437-)



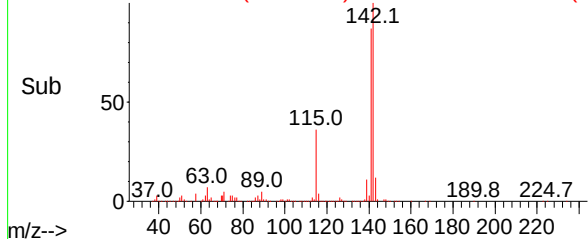
2-Methylnaphthalene
Concen: 37.991 ng
RT: 8.963 min Scan# 10437
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

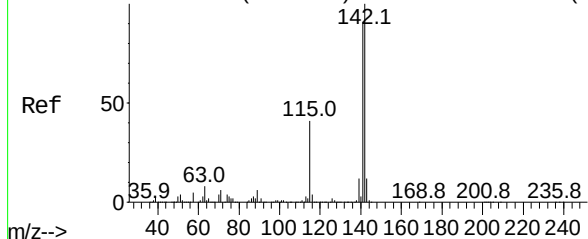
Tgt Ion:142 Resp: 1038372
Ion Ratio Lower Upper
142 100
141 87.0 70.2 105.2



Abundance Scan 1084 (8.963 min): BF132779.D\data.ms (-10333-)

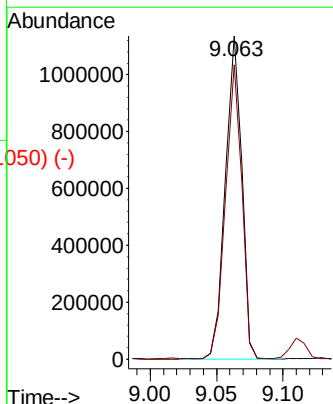
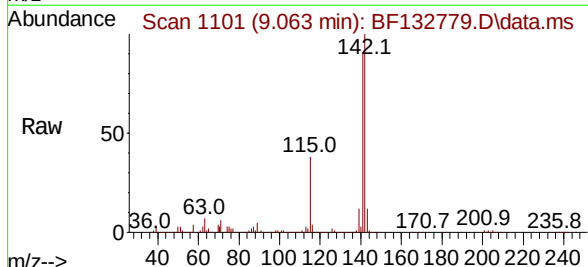


Abundance Scan 1067 (9.113 min): BF132504.D\data.ms (-106138-)

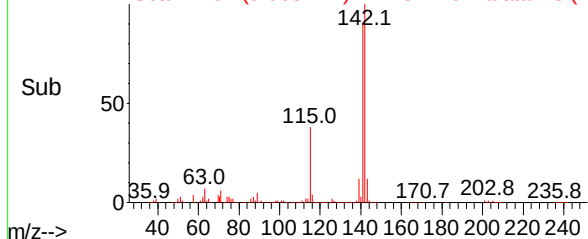


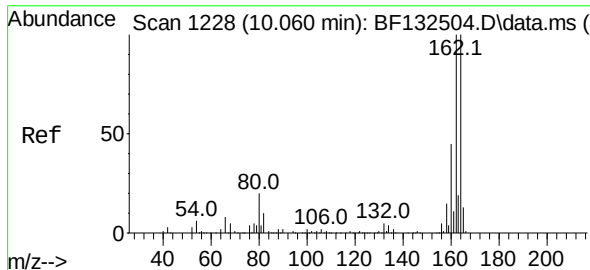
1-Methylnaphthalene
Concen: 37.902 ng
RT: 9.063 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:142 Resp: 968122
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6



Abundance Scan 1101 (9.063 min): BF132779.D\data.ms (-1050)-)





Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

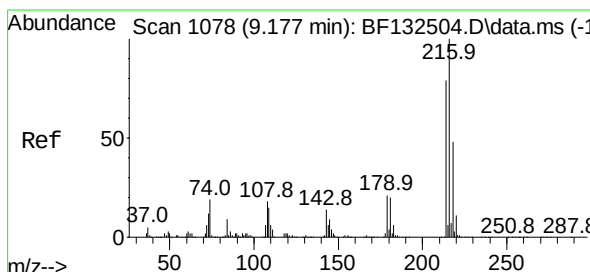
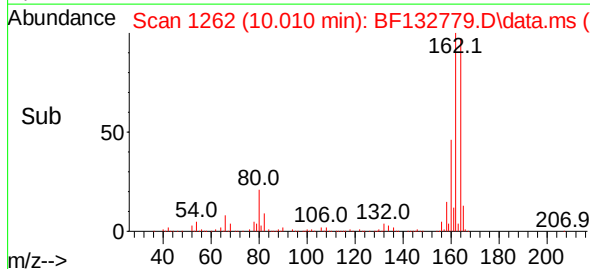
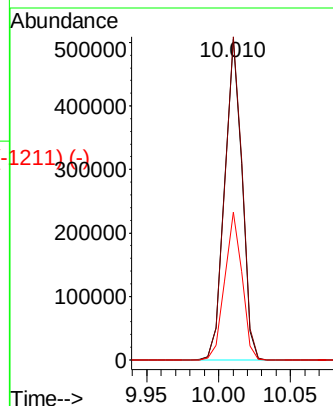
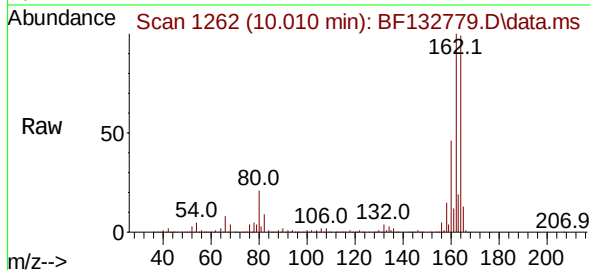
Tgt Ion:164 Resp: 420055

Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.8

160 46.1 35.8 53.6



1,2,4,5-Tetrachlorobenzene

Concen: 40.814 ng

RT: 9.128 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Tgt Ion:216 Resp: 560918

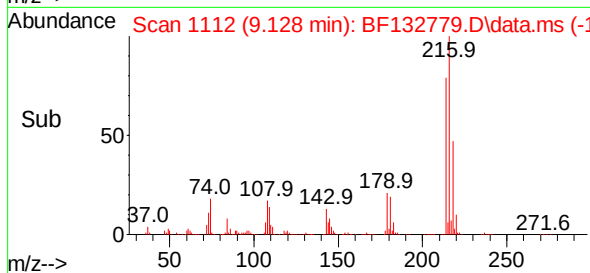
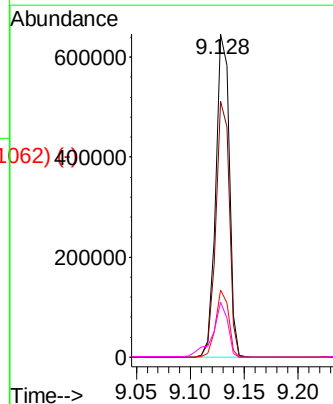
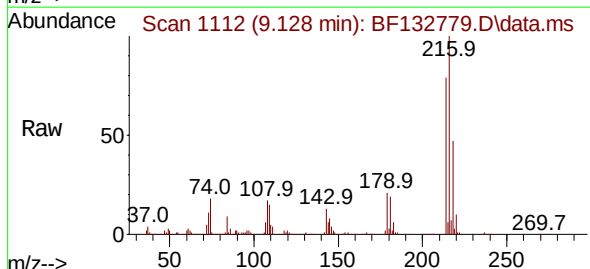
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.6

179 19.9 16.6 24.8

108 19.1 15.4 23.0



Abundance Scan 1076 (9.166 min): BF132504.D\data.ms (-10761-)

Hexachlorocyclopentadiene

Concen: 76.624 ng

RT: 9.116 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF132779.D

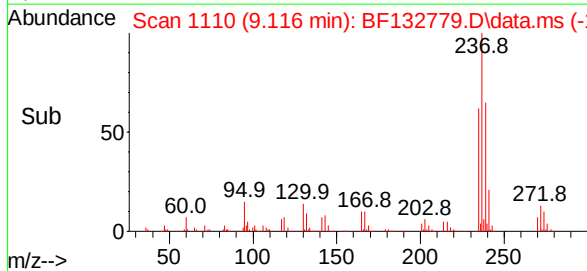
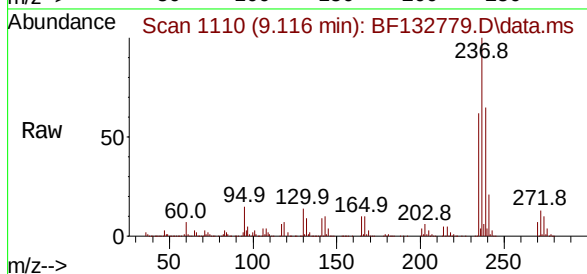
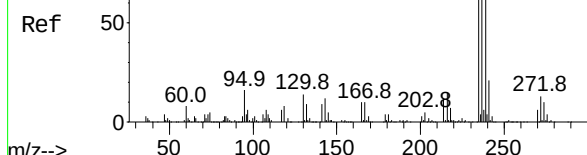
Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD



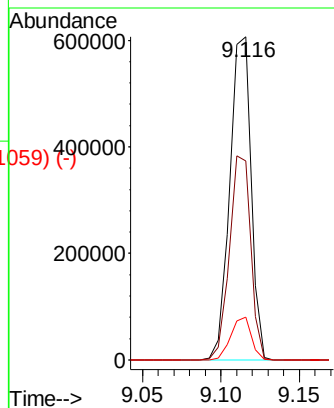
Tgt Ion:237 Resp: 571170

Ion Ratio Lower Upper

237 100

235 61.6 42.4 82.4

272 13.2 0.0 32.7



Abundance Scan 1364 (10.860 min): BF132504.D\data.ms (-13642-)

2,4,6-Tribromophenol

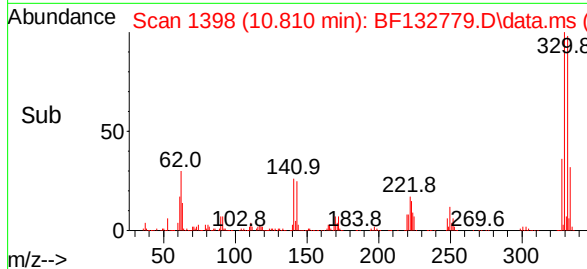
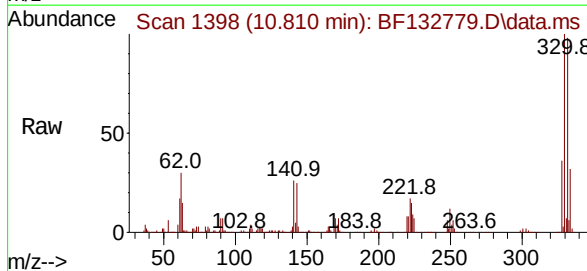
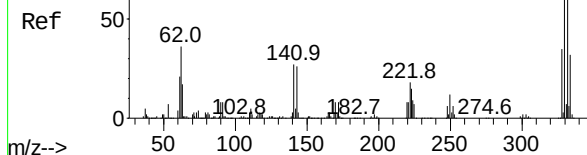
Concen: 112.642 ng

RT: 10.810 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40



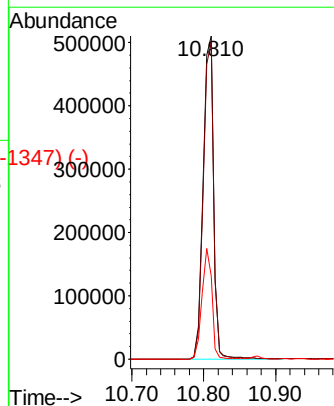
Tgt Ion:330 Resp: 510993

Ion Ratio Lower Upper

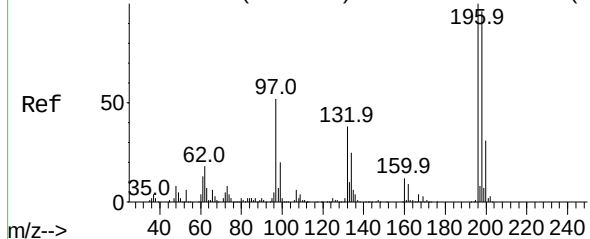
330 100

332 96.8 76.2 114.4

141 32.4 28.4 42.6



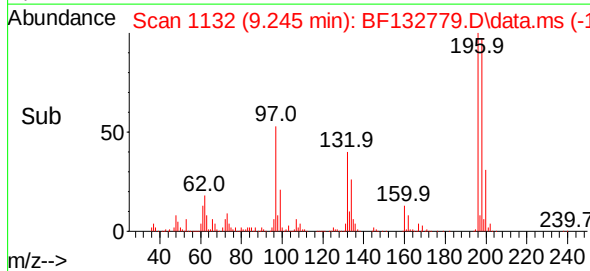
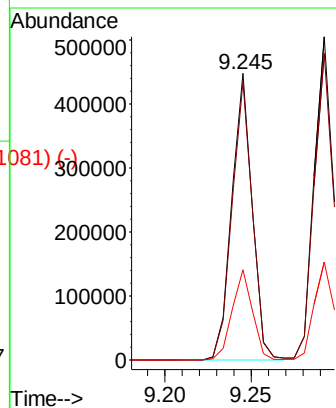
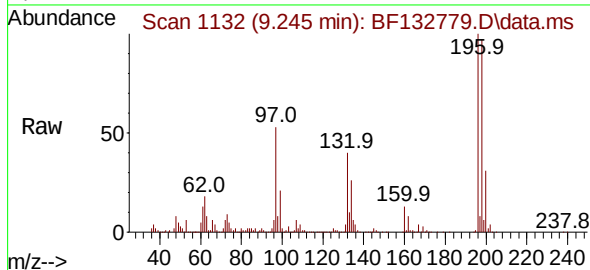
Abundance Scan 1098 (9.295 min): BF132504.D\data.ms (-109213)



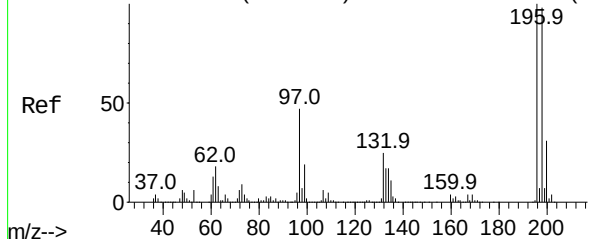
2,4,6-Trichlorophenol
Concen: 40.012 ng
RT: 9.245 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

Tgt Ion:	196	Resp:	372662
Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.1	115.7
200	31.4	25.0	37.4

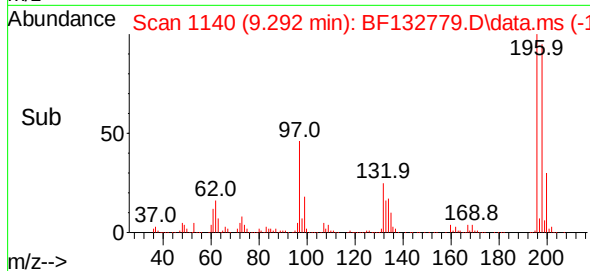
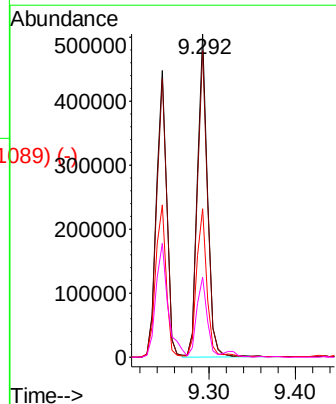
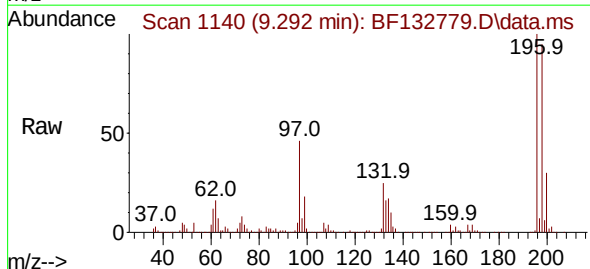


Abundance Scan 1106 (9.342 min): BF132504.D\data.ms (-110214)

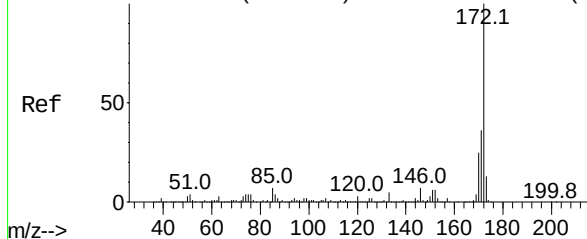


2,4,5-Trichlorophenol
Concen: 37.495 ng
RT: 9.292 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	196	Resp:	407587
Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.3	117.5
97	46.0	38.1	57.1
132	24.7	20.2	30.4



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



2-Fluorobiphenyl

Concen: 65.802 ng

RT: 9.328 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

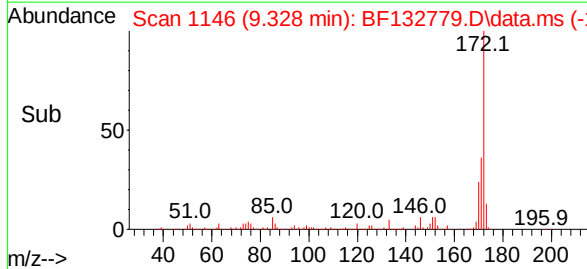
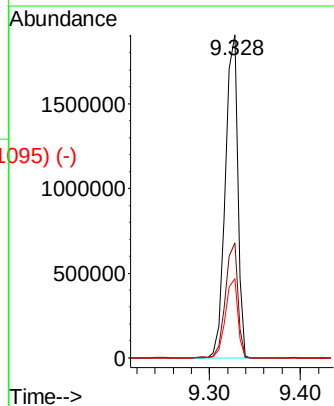
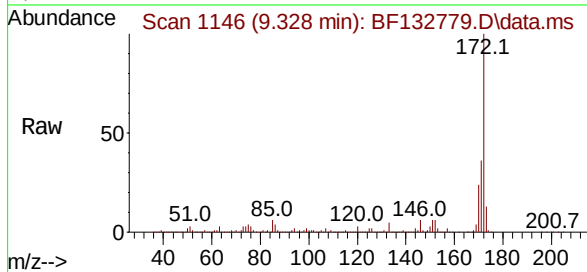
Tgt Ion:172 Resp: 1815259

Ion Ratio Lower Upper

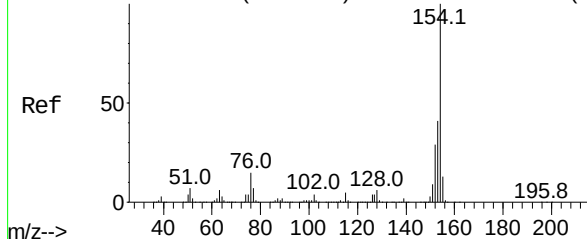
172 100

171 35.6 28.8 43.2

170 24.5 19.7 29.5



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



1,1'-Biphenyl

Concen: 39.813 ng

RT: 9.428 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

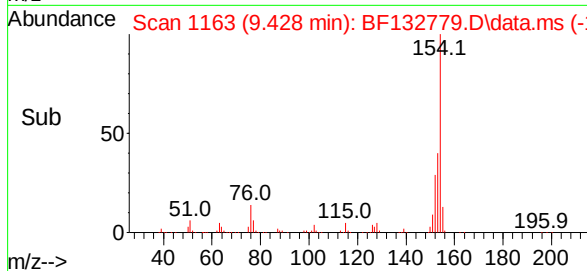
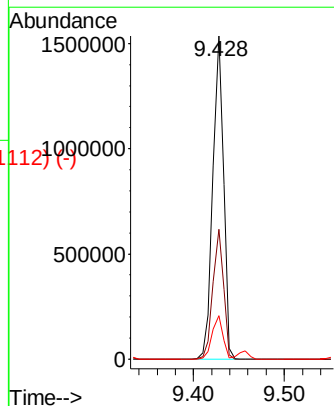
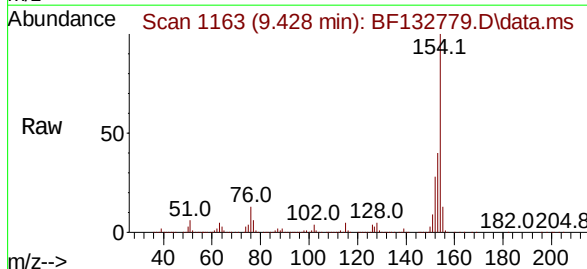
Tgt Ion:154 Resp: 1265793

Ion Ratio Lower Upper

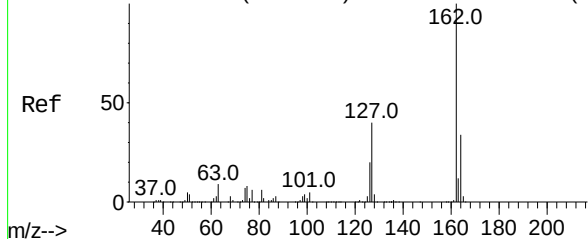
154 100

153 40.1 20.9 60.9

76 13.5 0.0 34.7



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



2-Chloronaphthalene

Concen: 40.461 ng

RT: 9.457 min Scan#

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

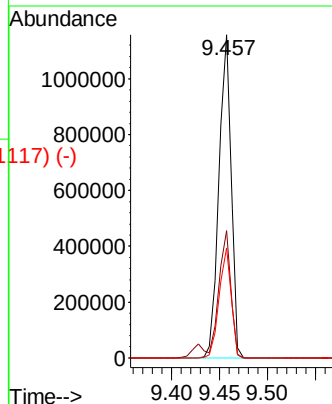
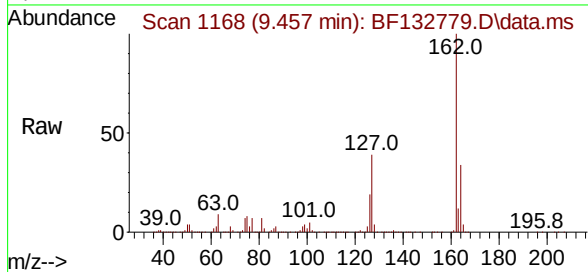
Tgt Ion:162 Resp: 1019915

Ion Ratio Lower Upper

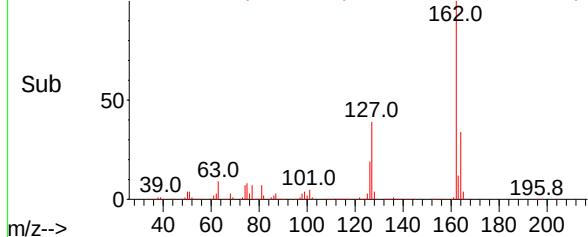
162 100

127 39.4 32.3 48.5

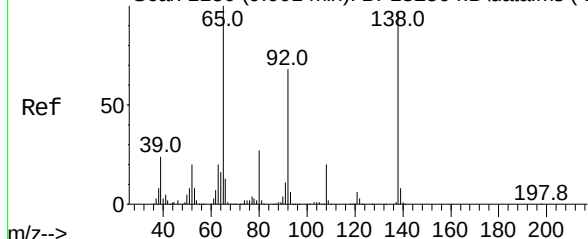
164 34.0 26.9 40.3



Abundance Scan 1168 (9.457 min): BF132779.D\data.ms (-117) (-)



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



2-Nitroaniline

Concen: 36.415 ng

RT: 9.557 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

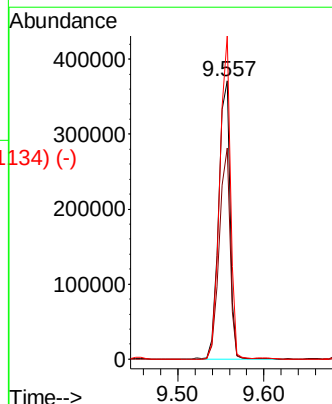
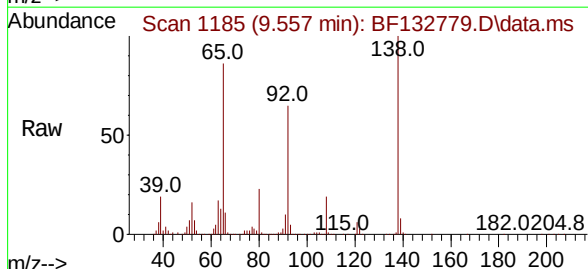
Tgt Ion: 65 Resp: 338076

Ion Ratio Lower Upper

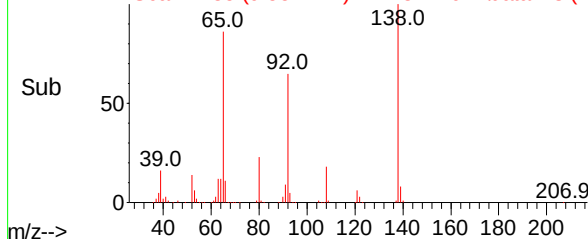
65 100

92 75.8 54.5 81.7

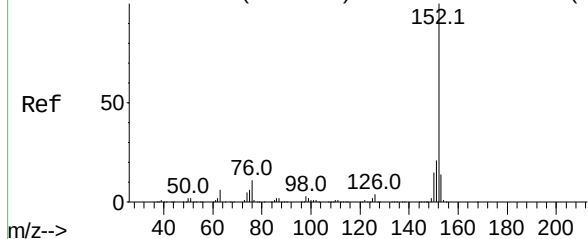
138 116.0 77.2 115.8#



Abundance Scan 1185 (9.557 min): BF132779.D\data.ms (-1134) (-)



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



Acenaphthylene

Concen: 38.937 ng

RT: 9.875 min Scan#

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

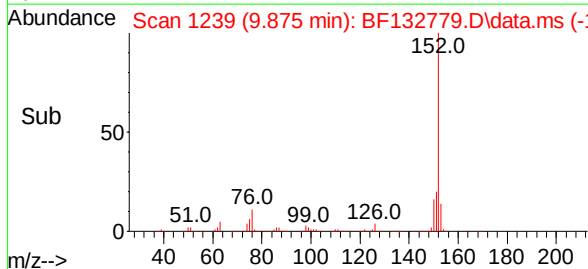
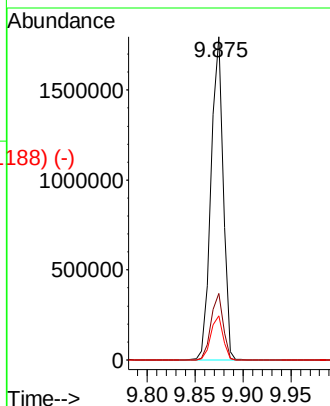
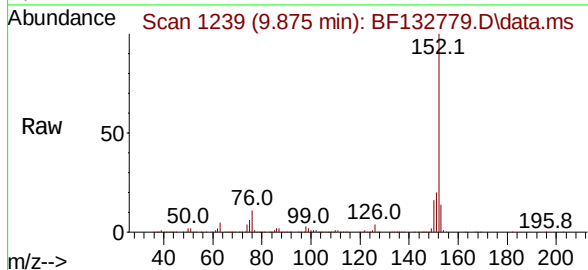
Tgt Ion:152 Resp: 1562060

Ion Ratio Lower Upper

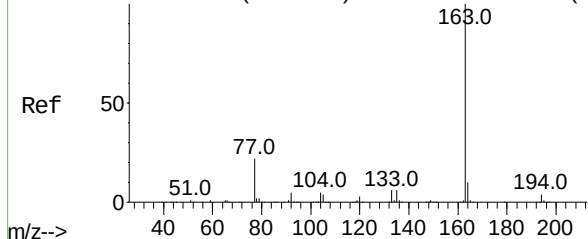
152 100

151 20.5 16.4 24.6

153 13.7 11.0 16.6



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



Dimethylphthalate

Concen: 40.566 ng

RT: 9.728 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

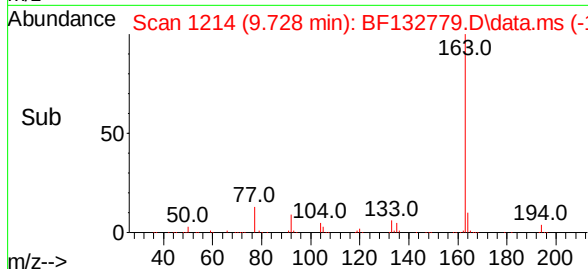
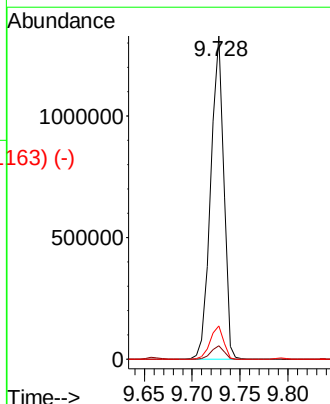
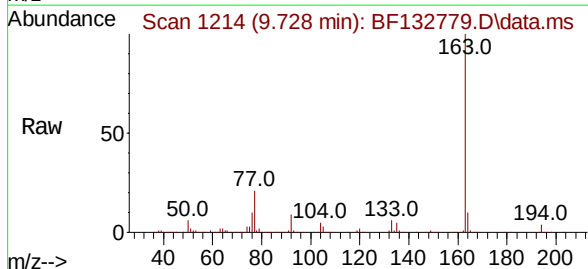
Tgt Ion:163 Resp: 1240714

Ion Ratio Lower Upper

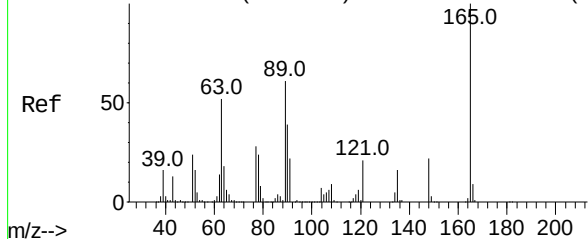
163 100

194 4.1 3.3 4.9

164 10.3 8.3 12.5



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



2,6-Dinitrotoluene

Concen: 41.211 ng

RT: 9.792 min Scan#

Delta R.T. -0.006 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

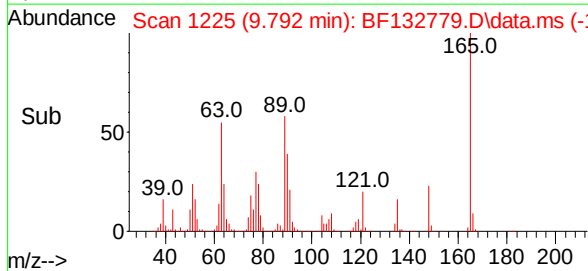
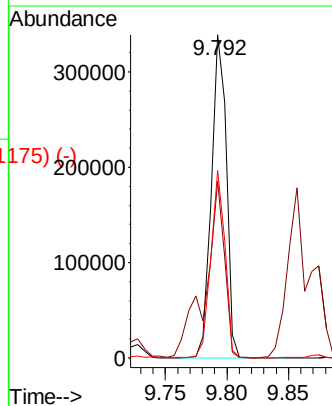
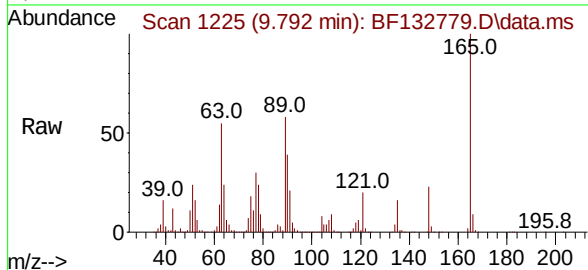
Tgt Ion:165 Resp: 287056

Ion Ratio Lower Upper

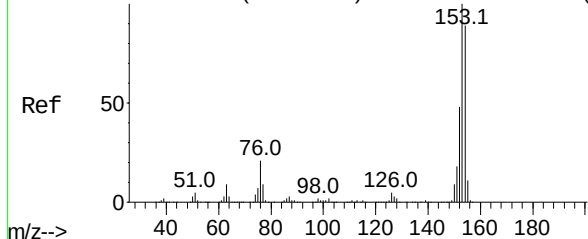
165 100

63 54.6 47.3 70.9

89 58.0 48.9 73.3



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



Acenaphthene

Concen: 36.102 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

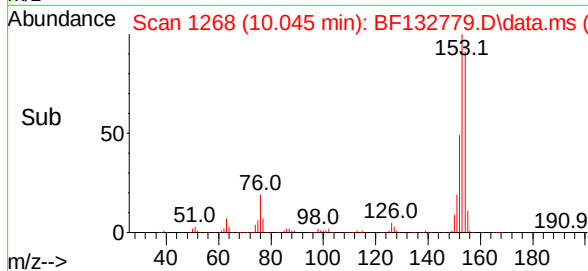
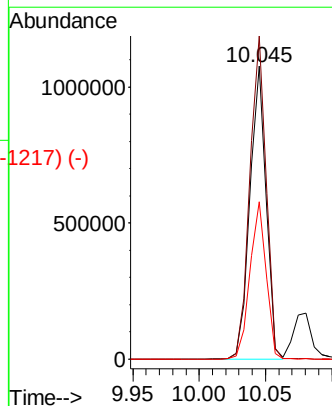
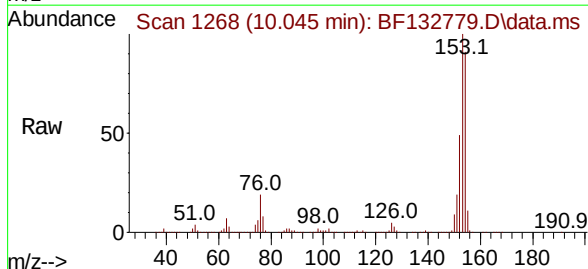
Tgt Ion:154 Resp: 919684

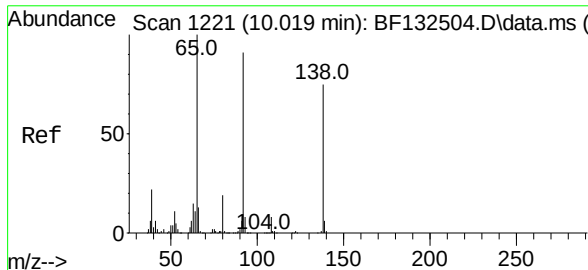
Ion Ratio Lower Upper

154 100

153 110.3 89.8 134.8

152 53.8 43.3 64.9

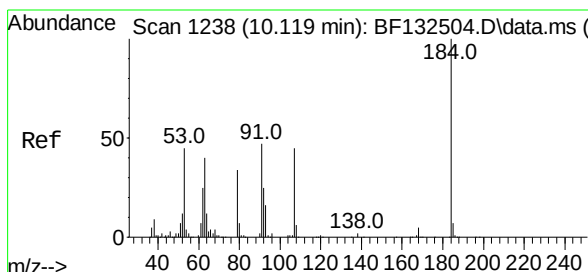
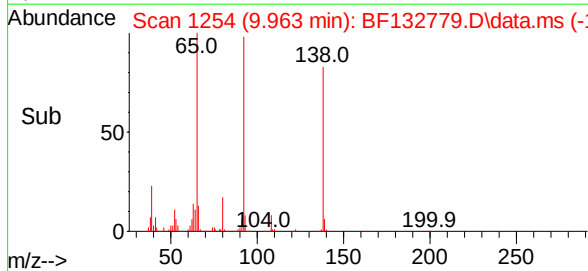
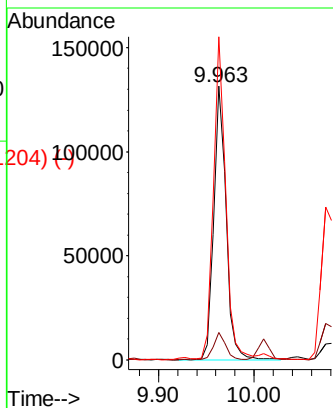
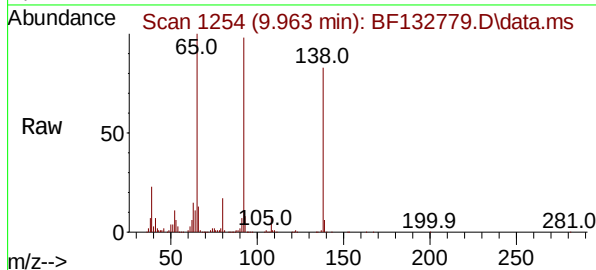




3-Nitroaniline
Concen: 14.925 ng
RT: 9.963 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

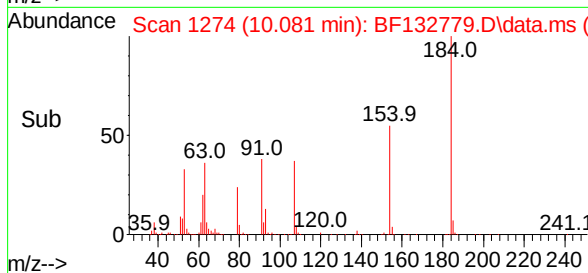
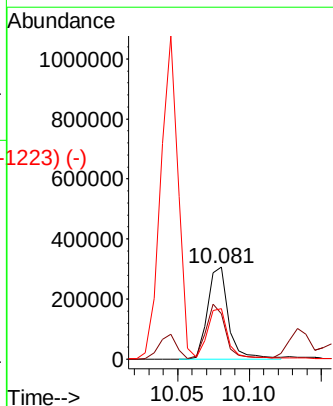
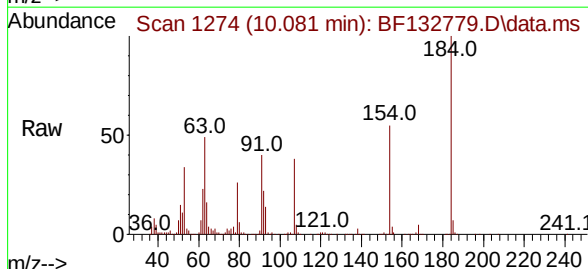
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

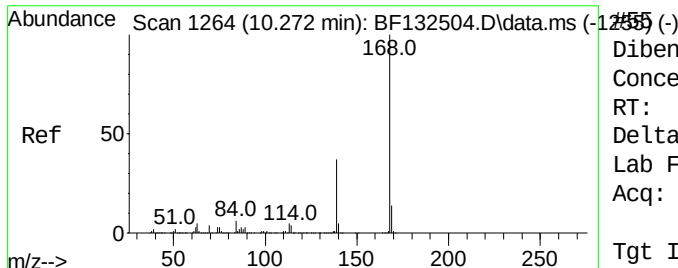
Tgt Ion:138 Resp: 116293
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 118.0 97.2 145.8



2,4-Dinitrophenol
Concen: 70.321 ng
RT: 10.081 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:184 Resp: 307663
Ion Ratio Lower Upper
184 100
63 49.2 51.4 77.2#
154 54.9 48.3 72.5





Dibenzofuran

Concen: 38.580 ng

RT: 10.216 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

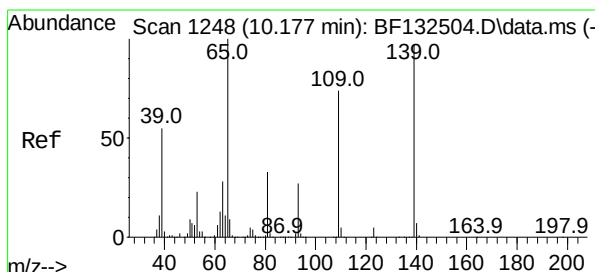
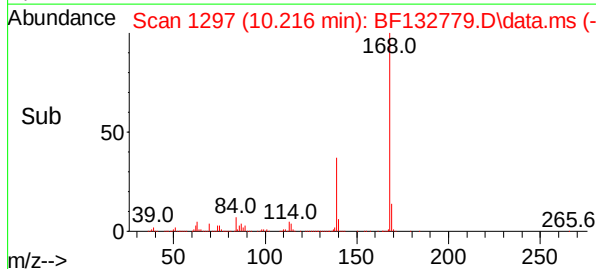
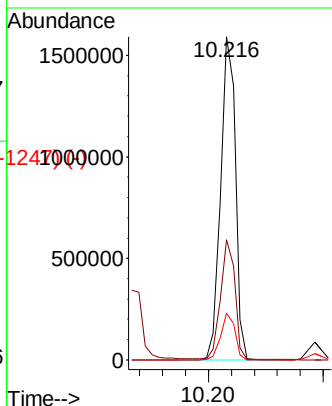
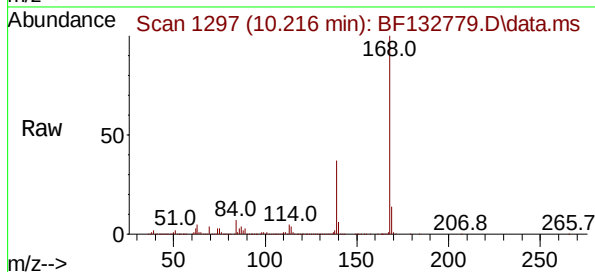
Tgt Ion:168 Resp: 1432757

Ion Ratio Lower Upper

168 100

139 37.1 29.8 44.6

169 14.4 10.9 16.3



4-Nitrophenol

Concen: 63.448 ng

RT: 10.134 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

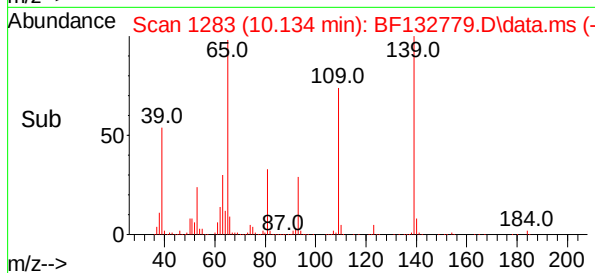
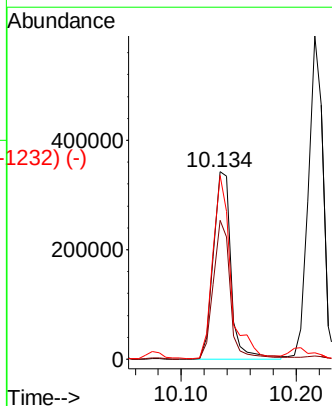
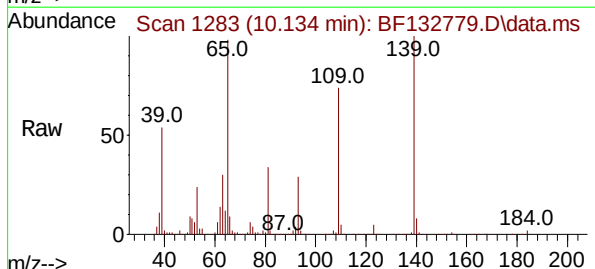
Tgt Ion:139 Resp: 368688

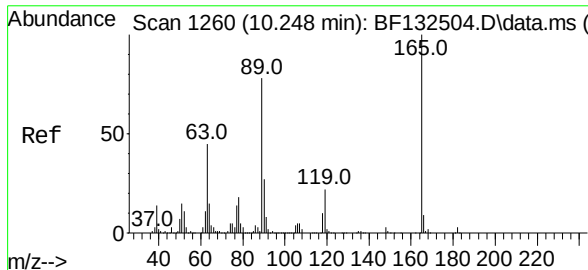
Ion Ratio Lower Upper

139 100

109 74.3 56.7 96.7

65 97.9 83.5 123.5

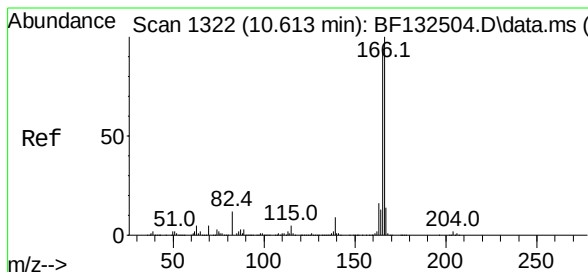
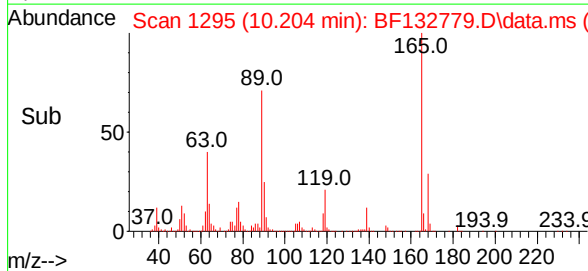
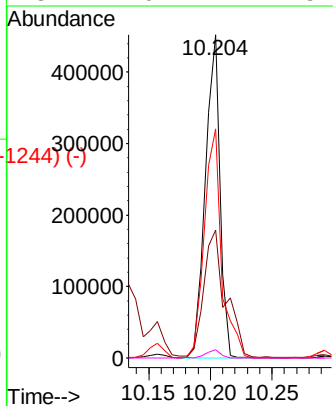
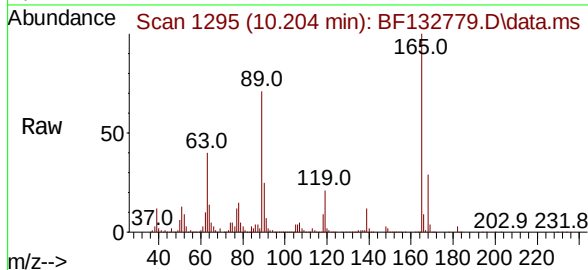




Scan 1260 (10.248 min): BF132504.D\data.ms (-1254) (-)
 2,4-Dinitrotoluene
 Concen: 40.310 ng
 RT: 10.204 min Scan# 1254
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

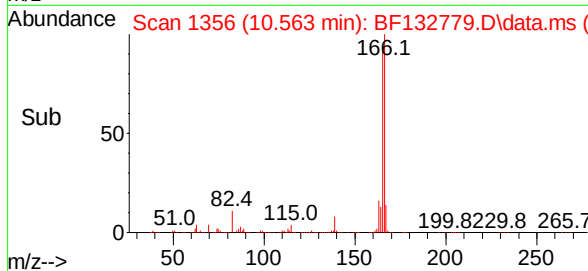
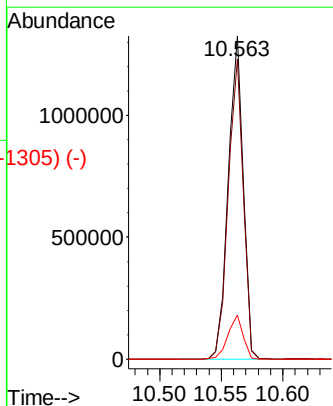
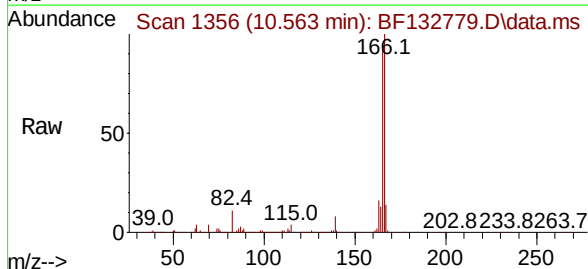
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

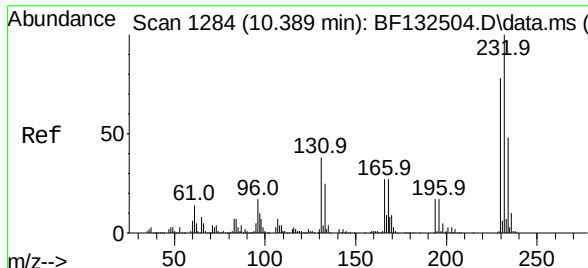
Tgt Ion:	165	Resp:	373537
Ion	Ratio	Lower	Upper
165	100		
63	39.6	36.5	54.7
89	70.9	62.4	93.6
182	2.6	2.1	3.1



Scan 1322 (10.613 min): BF132504.D\data.ms (-1356) (-)
 Fluorene
 Concen: 39.718 ng
 RT: 10.563 min Scan# 1356
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:	166	Resp:	1128263
Ion	Ratio	Lower	Upper
166	100		
165	92.9	74.2	111.4
167	13.7	11.1	16.7

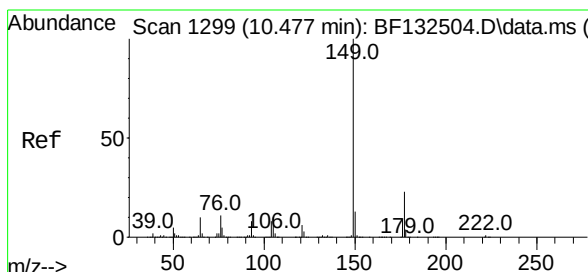
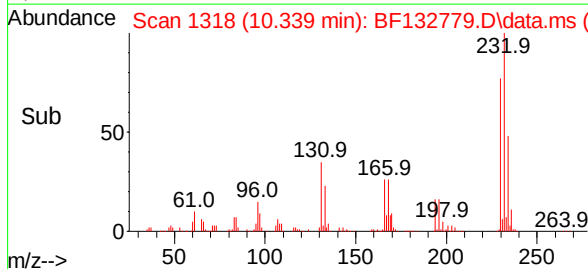
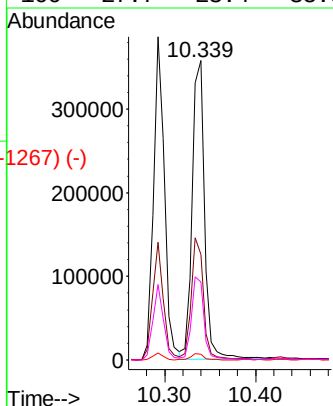
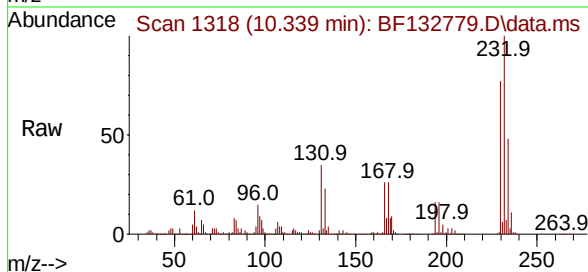




Scan 1284 (10.389 min): BF132504.D\data.ms (-1267) (-)
 2,3,4,6-Tetrachlorophenol
 Concen: 41.847 ng
 RT: 10.339 min Scan# 1284
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

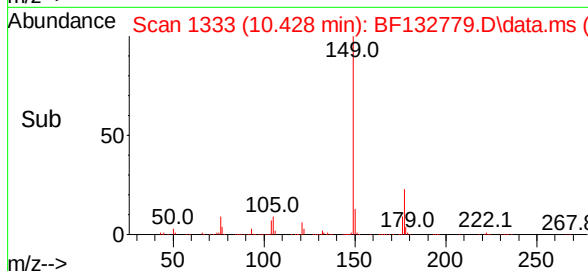
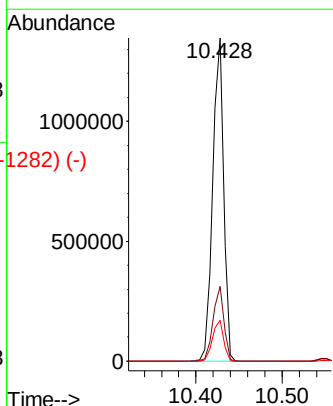
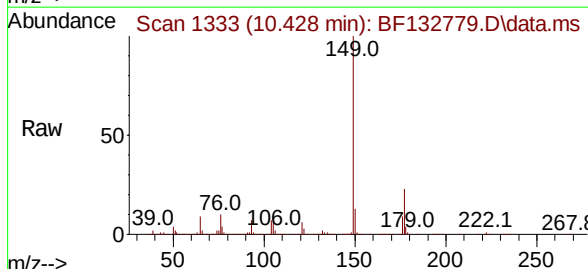
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

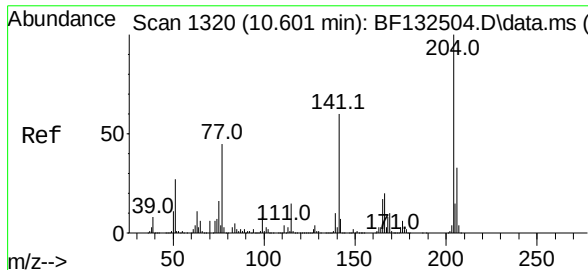
Tgt Ion:	232	Resp:	337909
Ion	Ratio	Lower	Upper
232	100		
131	39.8	33.8	50.8
130	2.0	1.7	2.5
166	27.7	23.4	35.0



Scan 1299 (10.477 min): BF132504.D\data.ms (-1267) (-)
 Diethylphthalate
 Concen: 39.424 ng
 RT: 10.428 min Scan# 1333
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:	149	Resp:	1177639
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.1	27.1
150	12.7	10.2	15.2

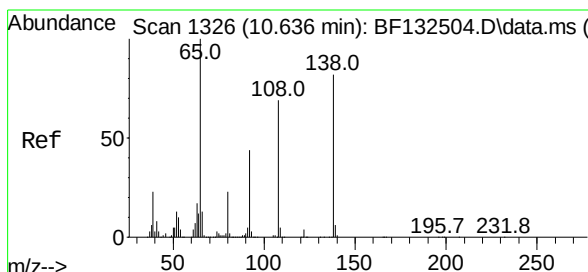
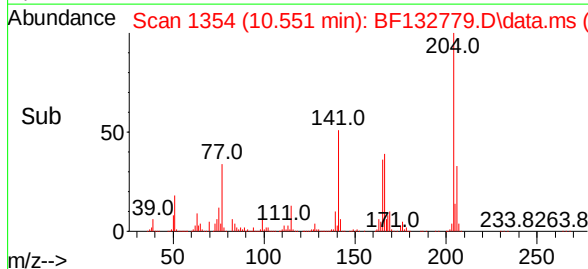
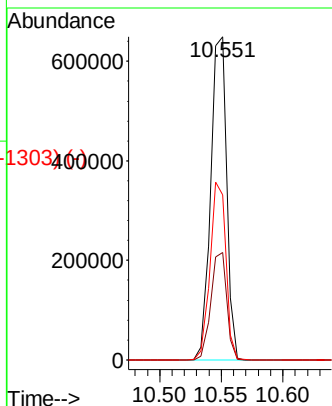
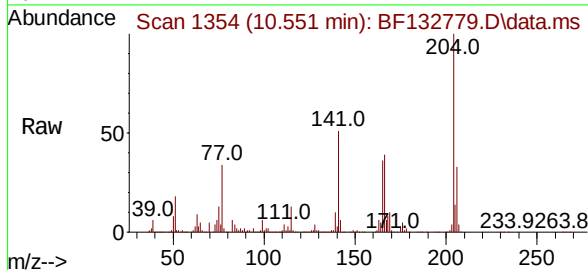




4-Chlorophenyl-phenylether
Concen: 39.853 ng
RT: 10.551 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

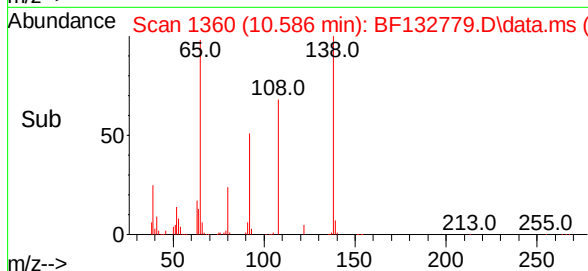
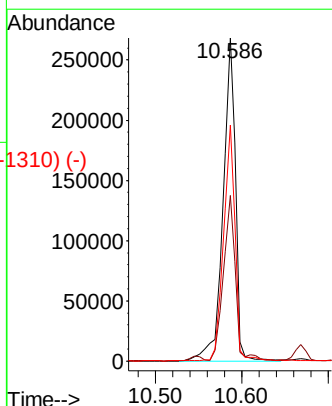
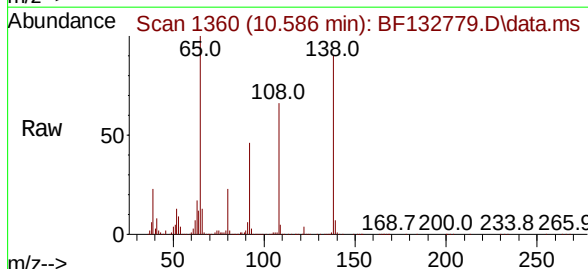
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

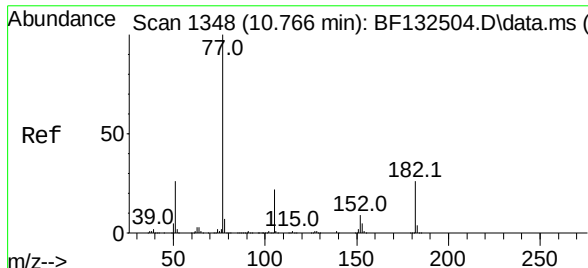
Tgt Ion:	204	Resp:	587296
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	51.0	47.8	71.8



4-Nitroaniline
Concen: 36.145 ng
RT: 10.586 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	138	Resp:	276457
Ion	Ratio	Lower	Upper
138	100		
92	51.3	33.8	73.8
108	73.0	63.7	103.7



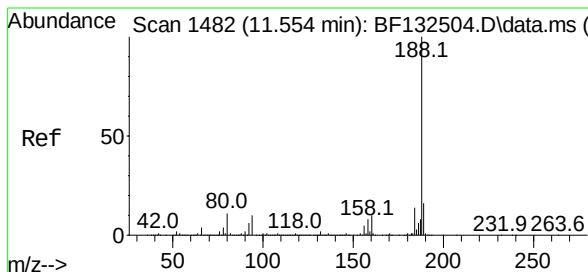
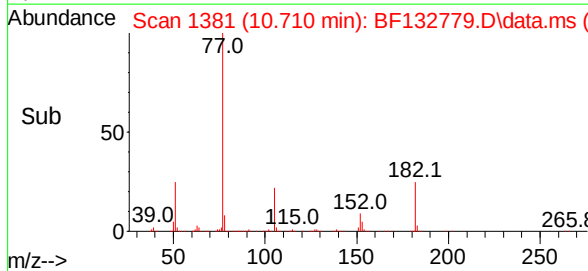
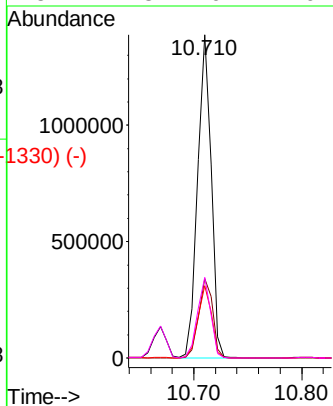
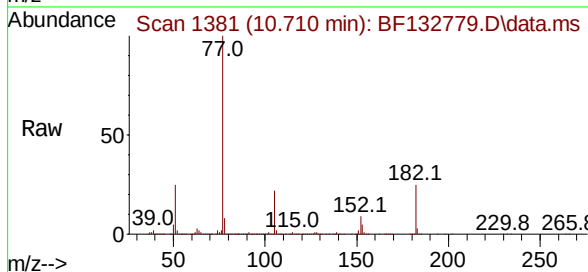


Azobenzene
Concen: 37.893 ng
RT: 10.710 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

Tgt Ion: 77 Resp: 1198756

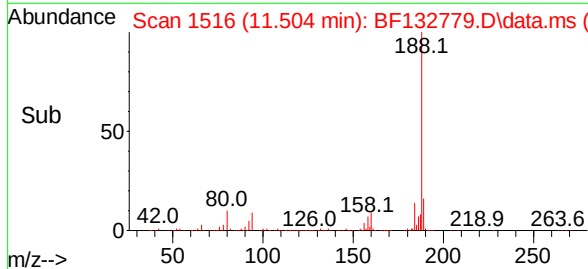
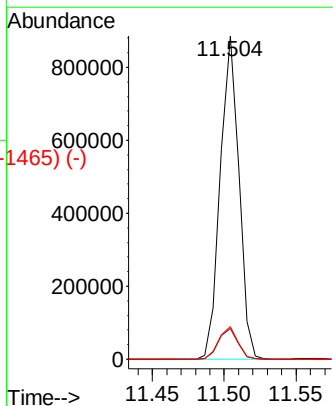
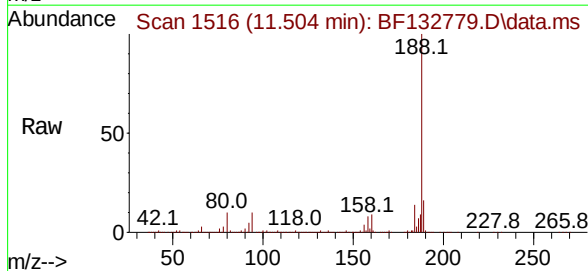
Ion	Ratio	Lower	Upper
77	100		
182	24.5	5.5	45.5
105	22.3	1.8	41.8
51	24.8	6.4	46.4

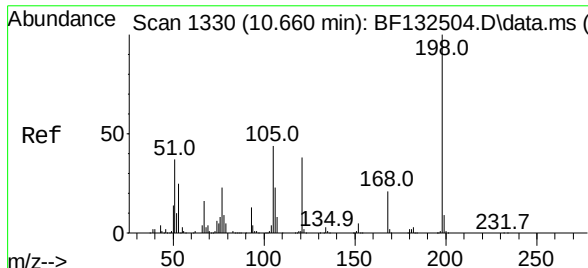


Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion: 188 Resp: 795730

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.3	12.5
80	10.1	8.7	13.1

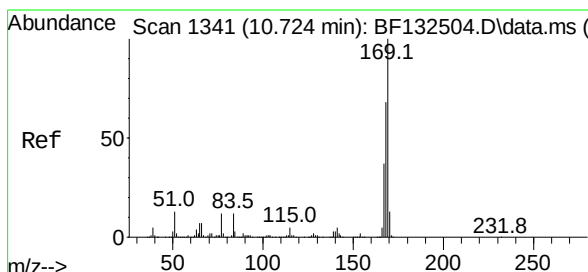
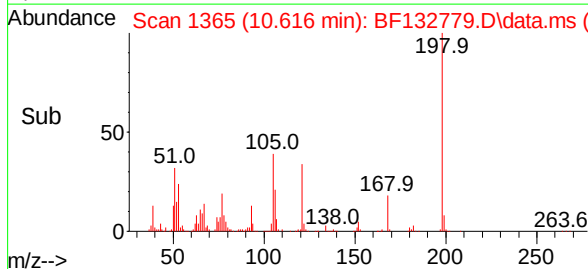
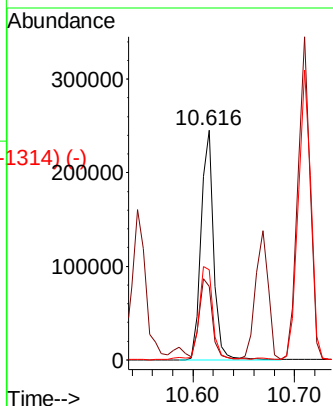
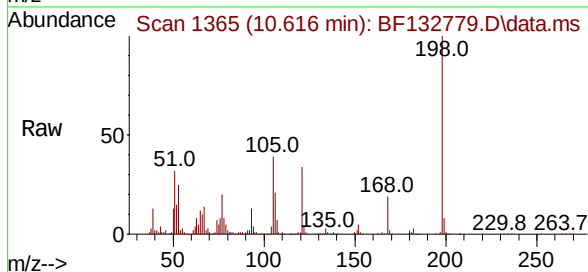




4,6-Dinitro-2-methylphenol
 Concen: 39.418 ng
 RT: 10.616 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

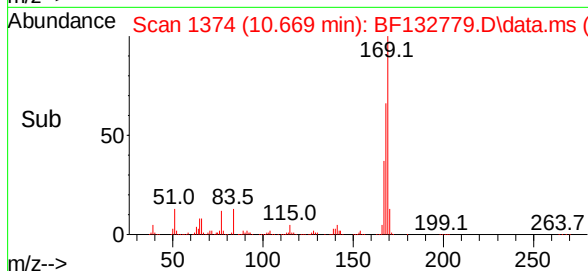
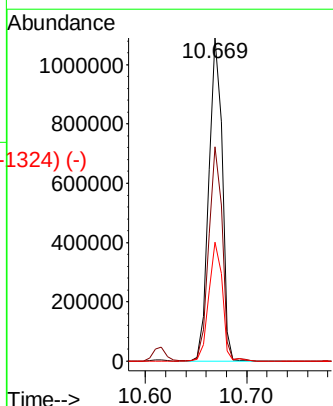
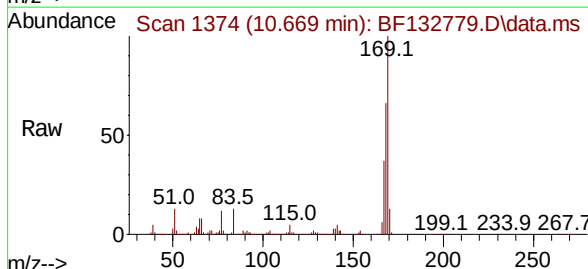
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

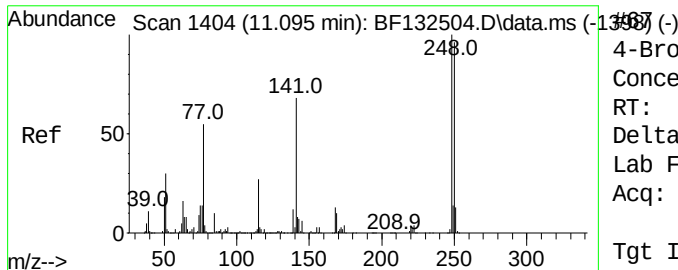
Tgt Ion:	198	Resp:	212333
Ion	Ratio	Lower	Upper
198	100		
51	32.0	20.6	60.6
105	39.3	24.3	64.3



n-Nitrosodiphenylamine
 Concen: 40.060 ng
 RT: 10.669 min Scan# 1374
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:	169	Resp:	993780
Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.2	81.4
167	36.9	29.6	44.4

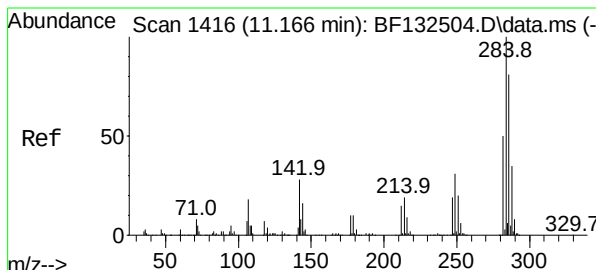
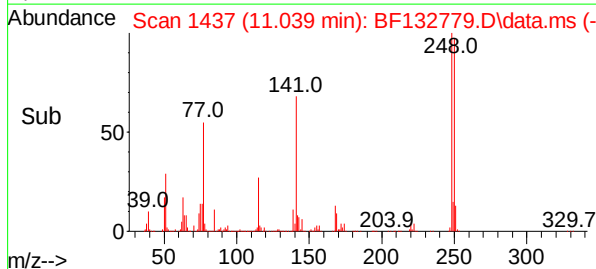
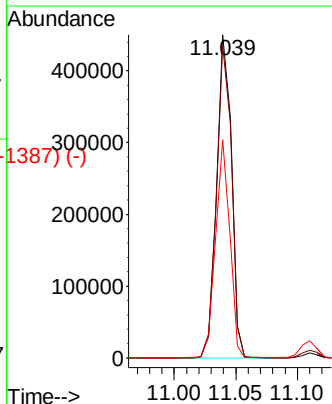
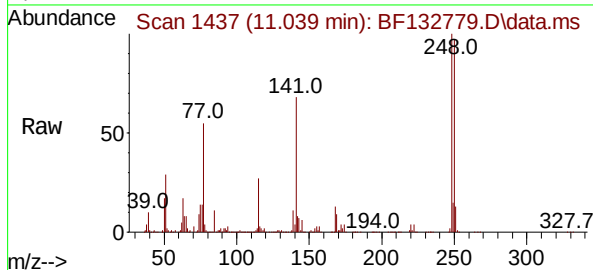




4-Bromophenyl-phenylether
Concen: 41.992 ng
RT: 11.039 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

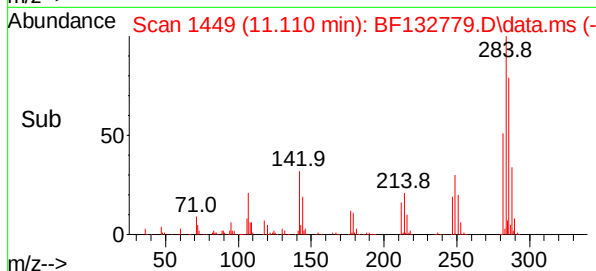
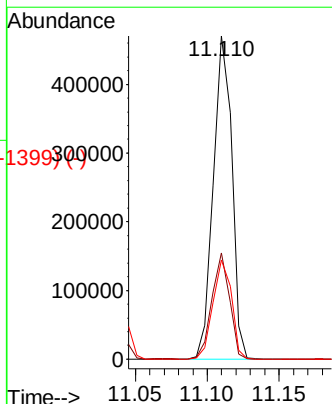
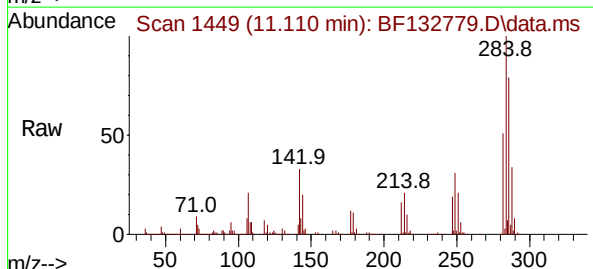
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

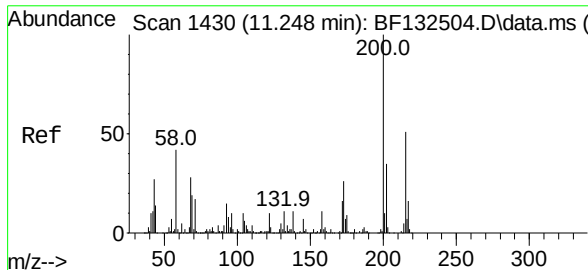
Tgt Ion:	248	Resp:	377970
Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.0	115.4
141	67.6	54.2	81.2



Hexachlorobenzene
Concen: 44.158 ng
RT: 11.110 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	284	Resp:	418229
Ion	Ratio	Lower	Upper
284	100		
142	32.9	22.2	33.4
249	30.6	24.9	37.3

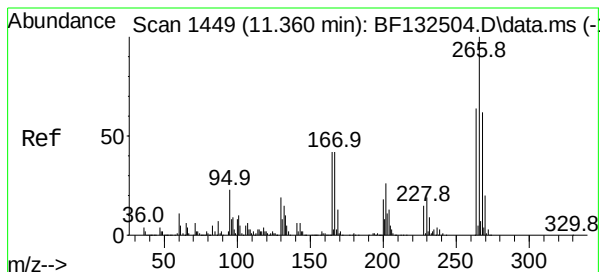
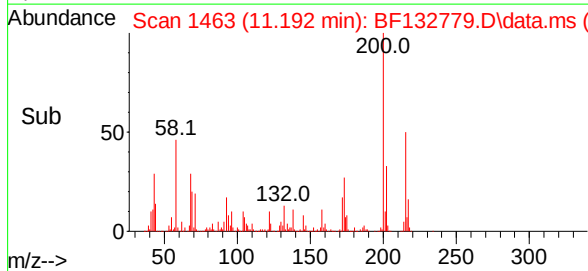
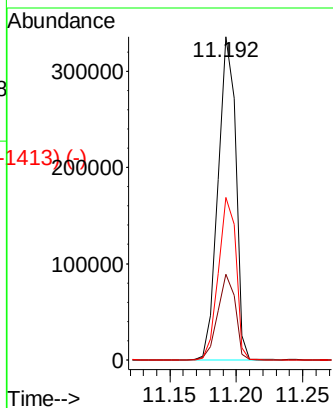
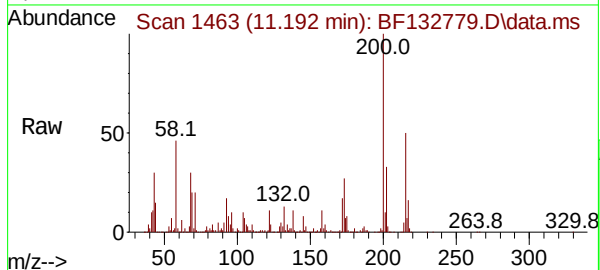




Atrazine
Concen: 39.796 ng
RT: 11.192 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

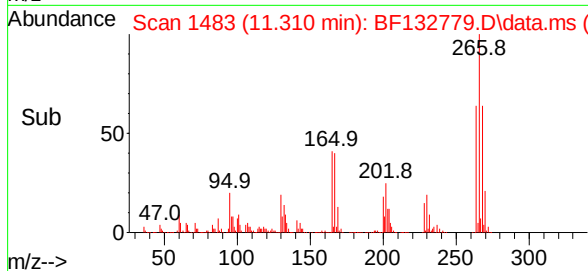
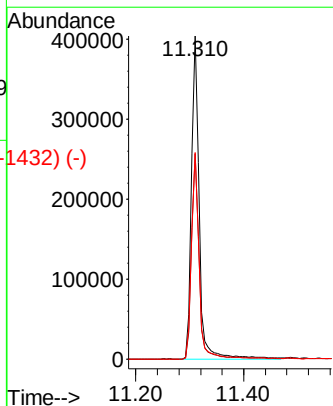
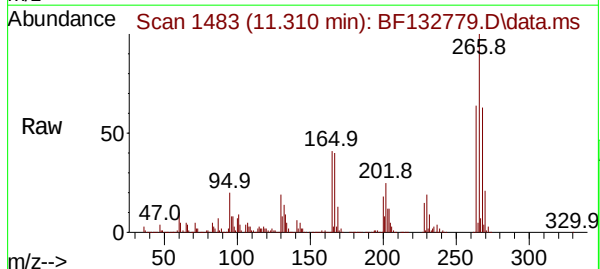
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

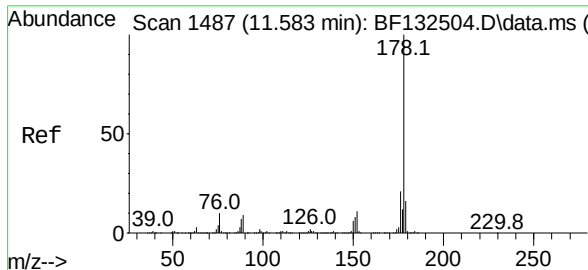
Tgt Ion:200 Resp: 308203
Ion Ratio Lower Upper
200 100
173 26.6 6.4 46.4
215 50.2 31.0 71.0



Pentachlorophenol
Concen: 71.191 ng
RT: 11.310 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:266 Resp: 401158
Ion Ratio Lower Upper
266 100
268 63.5 49.8 74.6
264 64.0 50.9 76.3



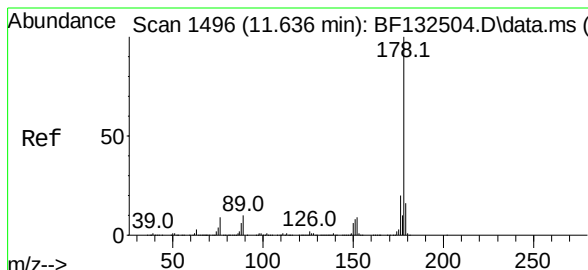
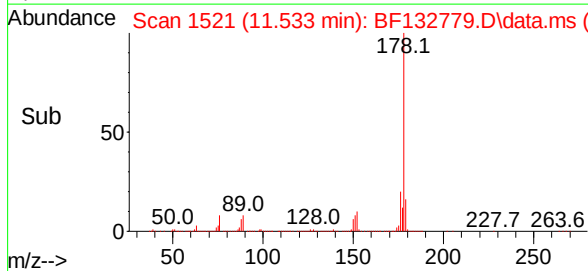
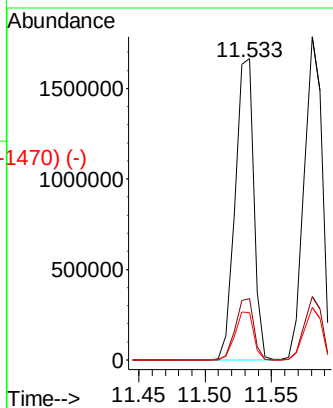
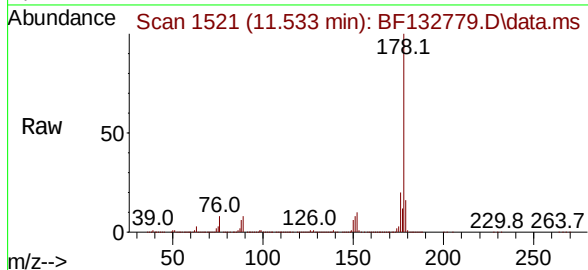


Scan 1487 (11.583 min): BF132504.D\data.ms (-1479) (-)
 Phenanthrene
 Concen: 39.588 ng
 RT: 11.533 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Tgt Ion:178 Resp: 1631914

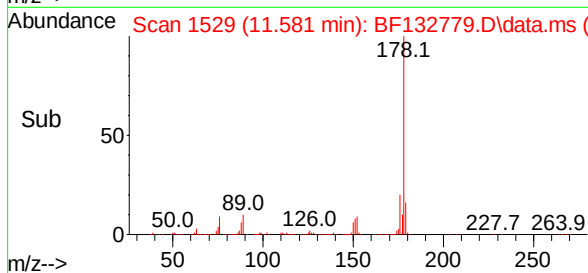
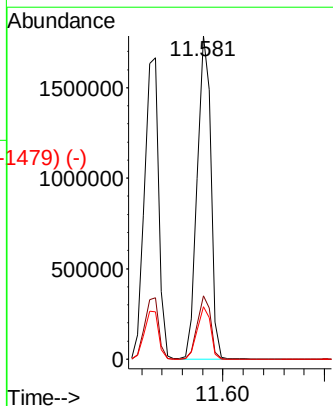
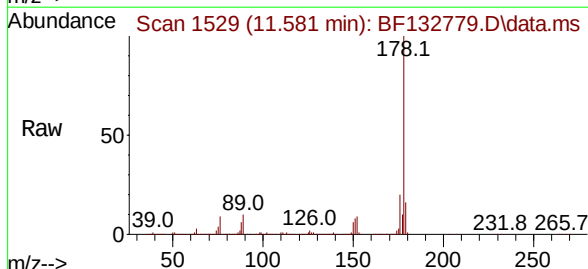
Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.5	24.7
179	15.6	13.0	19.6

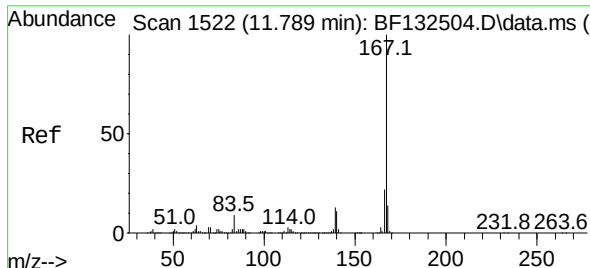


Scan 1496 (11.636 min): BF132504.D\data.ms (-1479) (-)
 Anthracene
 Concen: 39.393 ng
 RT: 11.581 min Scan# 1529
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:178 Resp: 1672230

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.3	12.5	18.7



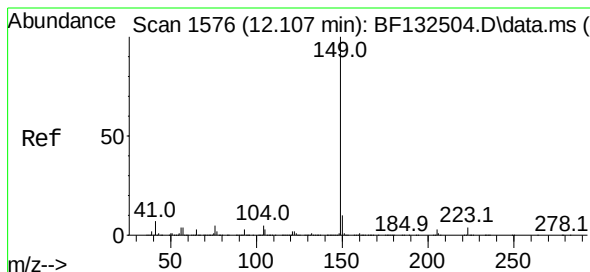
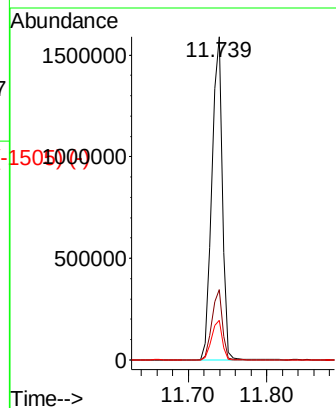
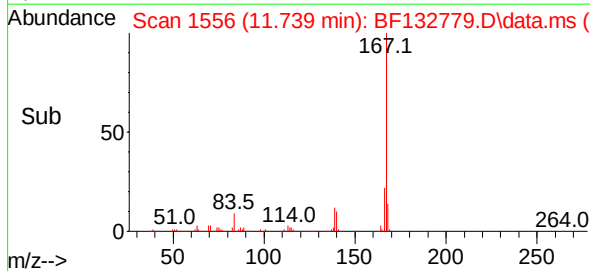
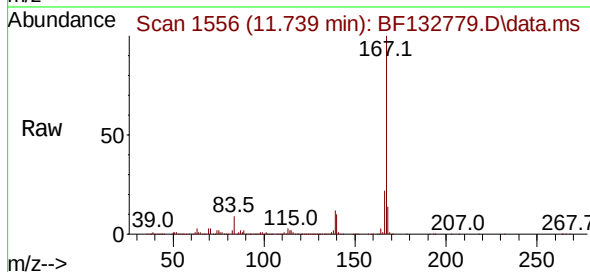


Scan 1522 (11.789 min): BF132504.D\data.ms (-1573)
 Carbazole
 Concen: 38.298 ng
 RT: 11.739 min Scan# 1573
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Tgt Ion:167 Resp: 1465787

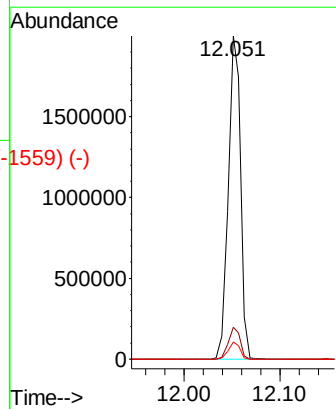
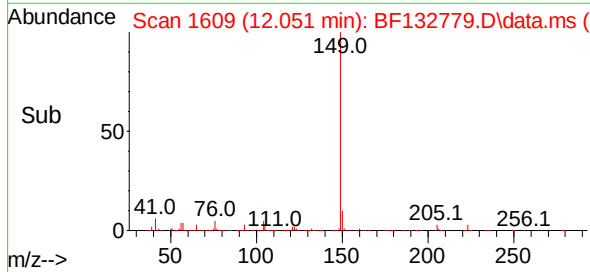
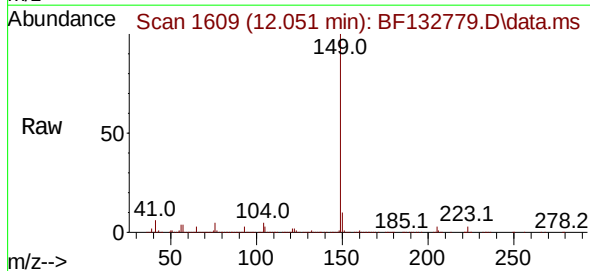
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	12.2	10.5	15.7

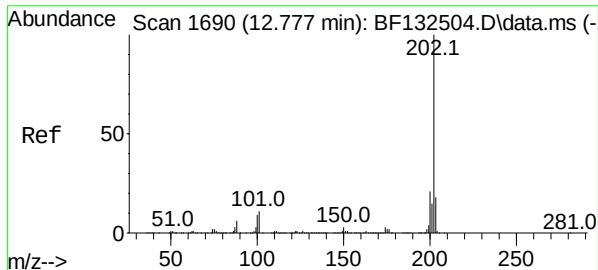


Scan 1576 (12.107 min): BF132504.D\data.ms (-1576)
 Di-n-butylphthalate
 Concen: 40.018 ng
 RT: 12.051 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:149 Resp: 1796577

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.8
104	5.3	4.3	6.5

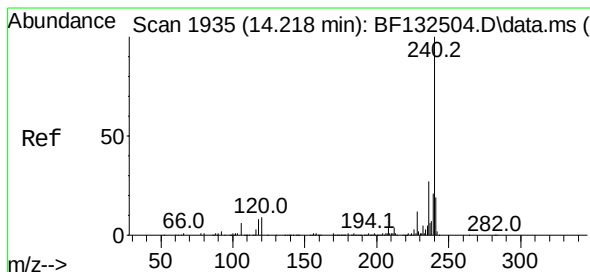
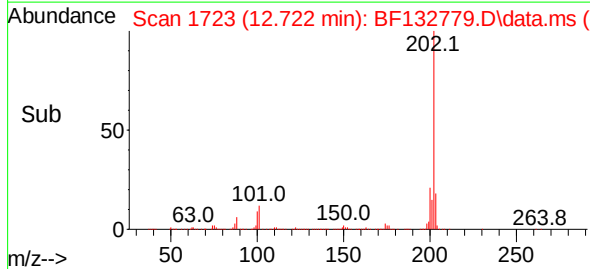
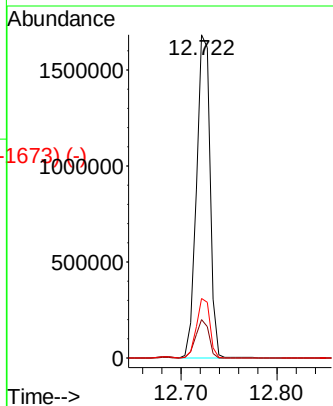
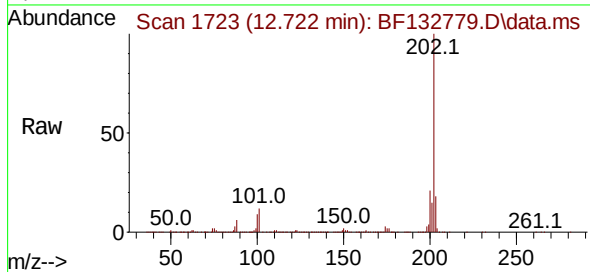




Fluoranthene
Concen: 36.858 ng
RT: 12.722 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

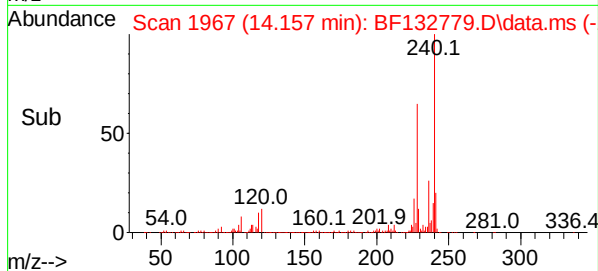
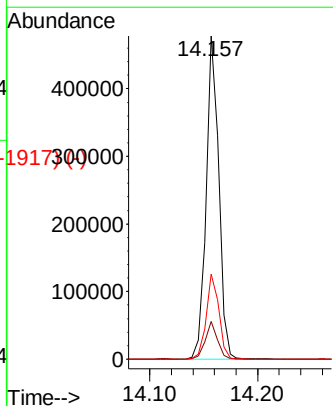
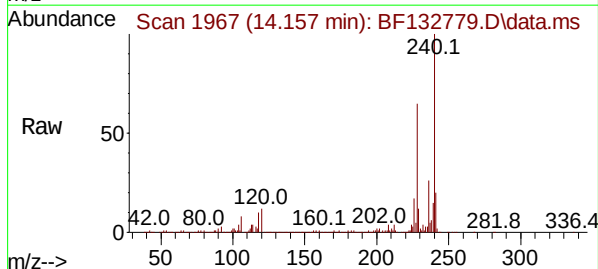
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

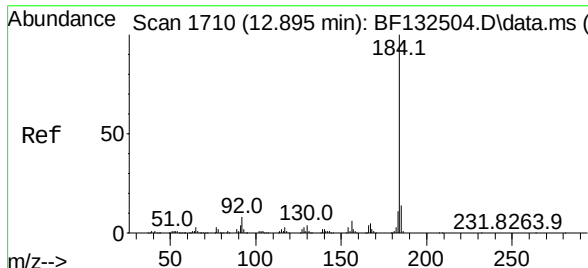
Tgt Ion:202 Resp: 1660993
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 18.4 0.0 38.0



Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:240 Resp: 384931
Ion Ratio Lower Upper
240 100
120 11.6 7.2 10.8#
236 26.4 21.8 32.6

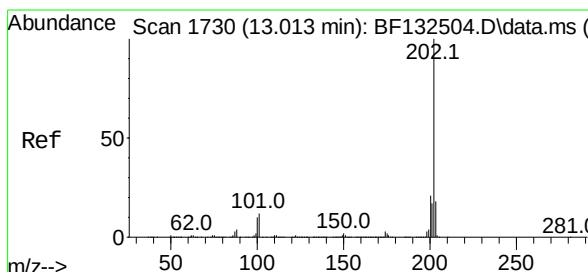
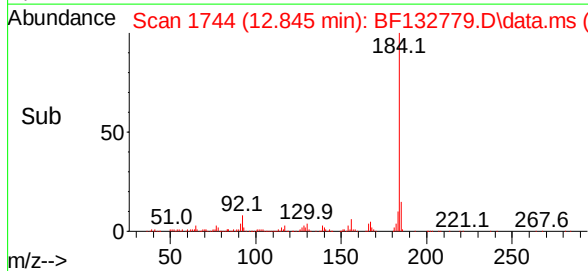
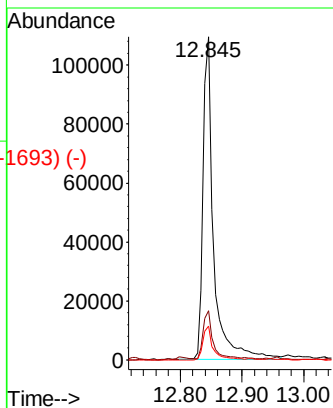
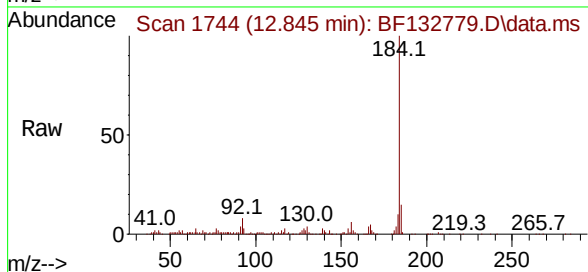




Benzidine
Concen: 13.840 ng
RT: 12.845 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

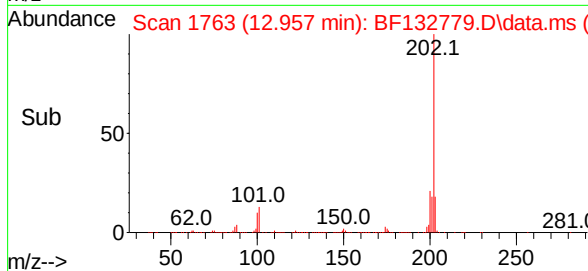
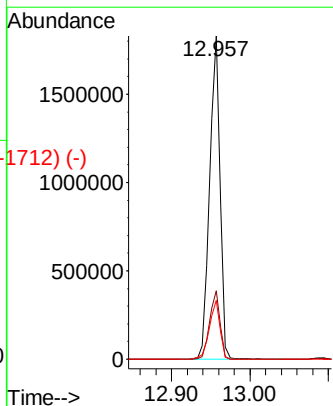
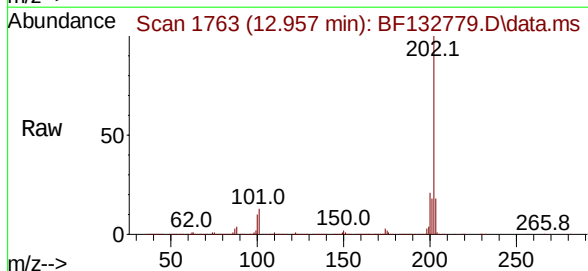
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

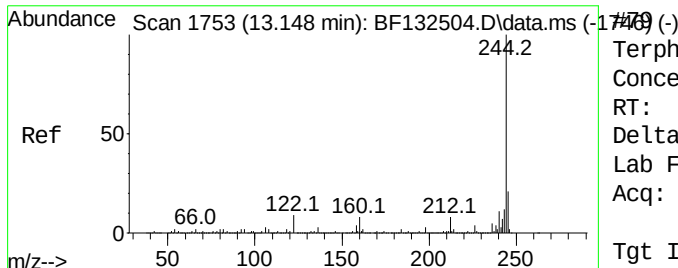
Tgt Ion:	184	Resp:	129681
Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.7	17.5
183	10.4	8.7	13.1



Pyrene
Concen: 47.889 ng
RT: 12.957 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	202	Resp:	1675971
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	18.1	14.6	21.8





Terphenyl-d14

Concen: 96.549 ng

RT: 13.092 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMSD

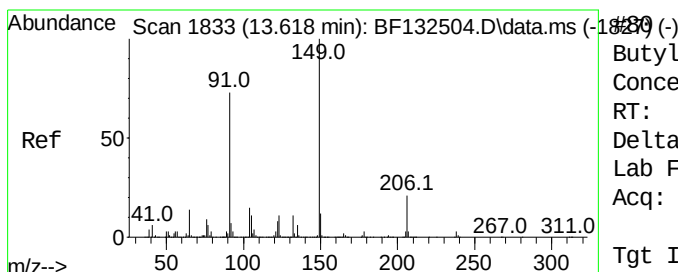
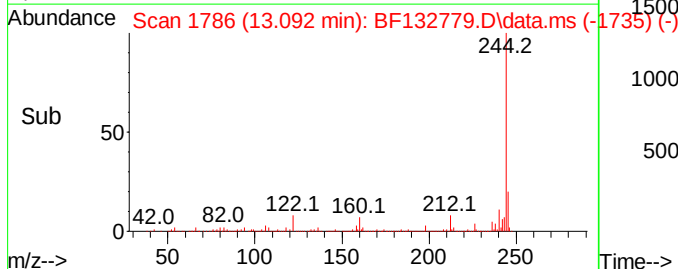
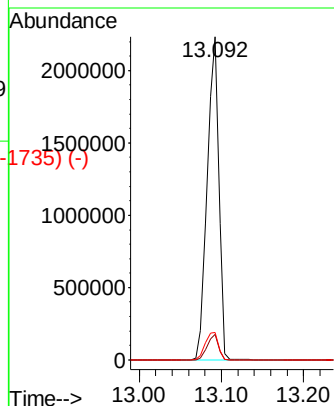
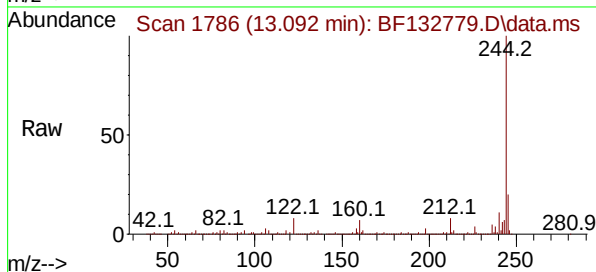
Tgt Ion:244 Resp: 2198116

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 8.5 7.5 11.3



Butylbenzylphthalate

Concen: 44.695 ng

RT: 13.563 min Scan# 1866

Delta R.T. 0.000 min

Lab File: BF132779.D

Acq: 14 Mar 2023 15:40

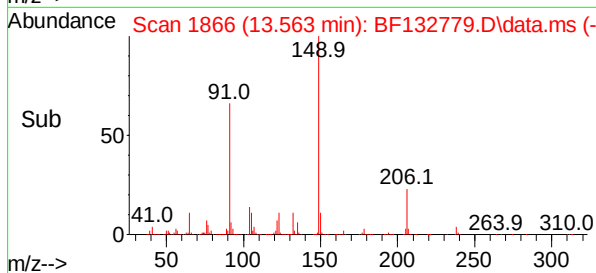
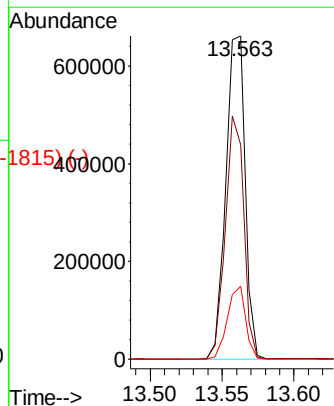
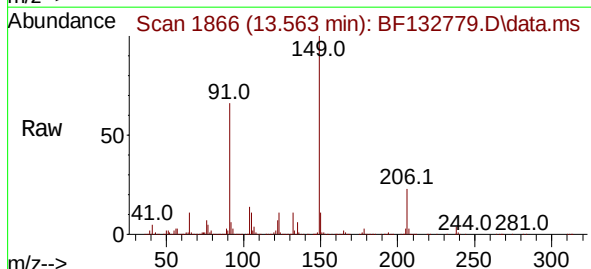
Tgt Ion:149 Resp: 617265

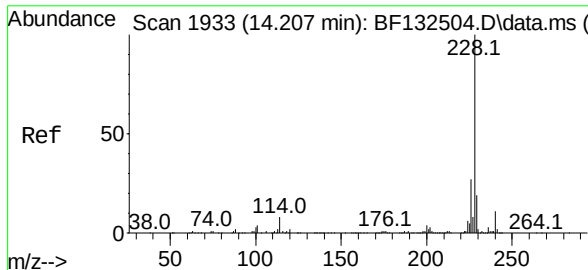
Ion Ratio Lower Upper

149 100

91 66.4 58.4 87.6

206 22.6 16.8 25.2



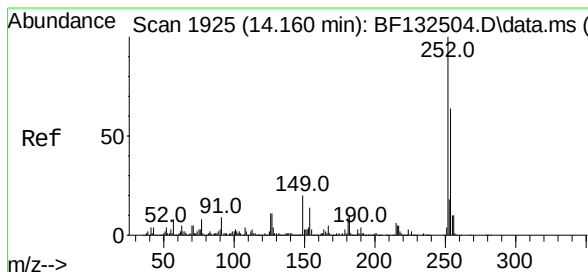
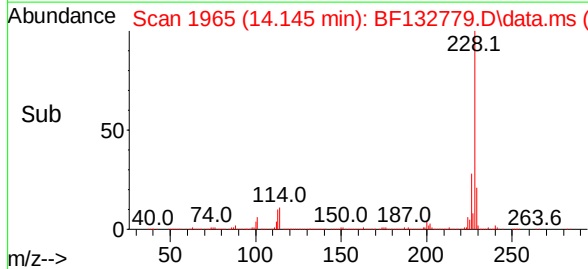
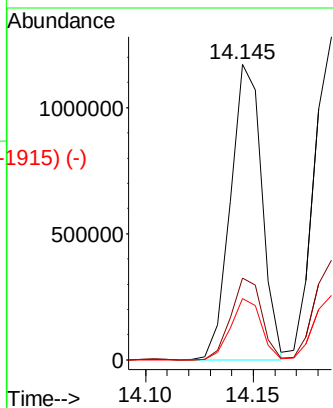
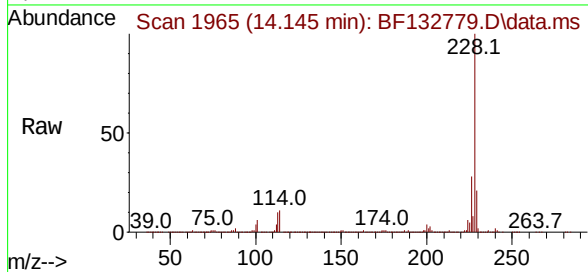


Scan 1933 (14.207 min): BF132504.D\data.ms (-1933)
 Benzo(a)anthracene
 Concen: 41.168 ng
 RT: 14.145 min Scan# 1933
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Tgt Ion:228 Resp: 1185695

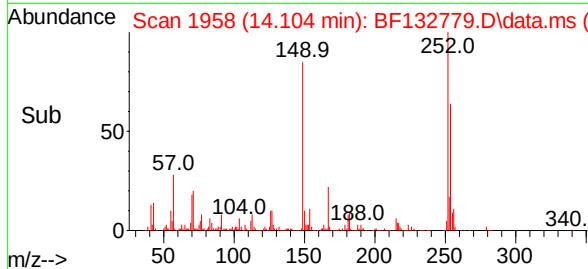
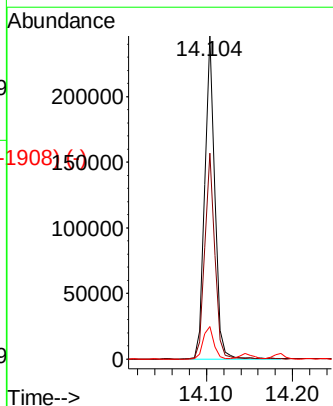
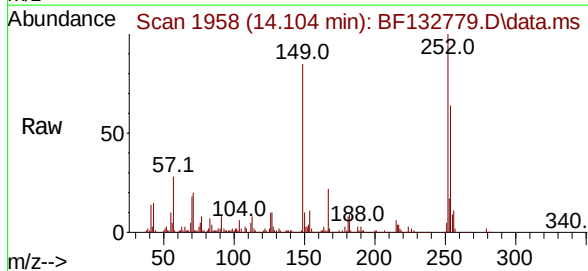
Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	20.6	15.4	23.2

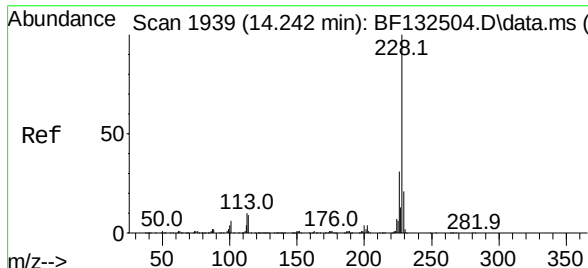


Scan 1925 (14.160 min): BF132504.D\data.ms (-1925)
 3,3'-Dichlorobenzidine
 Concen: 23.473 ng
 RT: 14.104 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:252 Resp: 199317

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.2
126	10.2	8.9	13.3



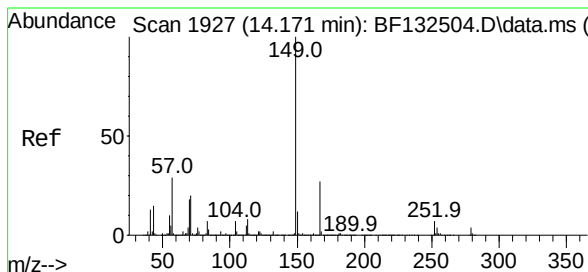
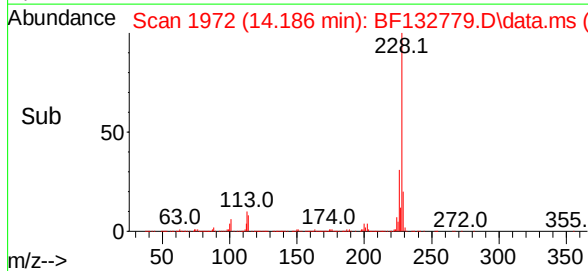
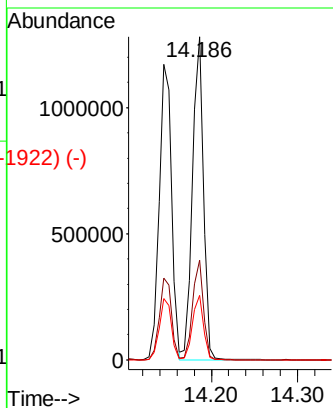
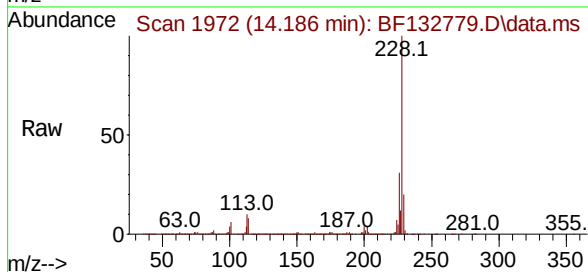


Scan 1939 (14.242 min): BF132504.D\data.ms (-1939) (-)
 Chrysene
 Concen: 41.787 ng
 RT: 14.186 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Tgt Ion: 228 Resp: 1125436

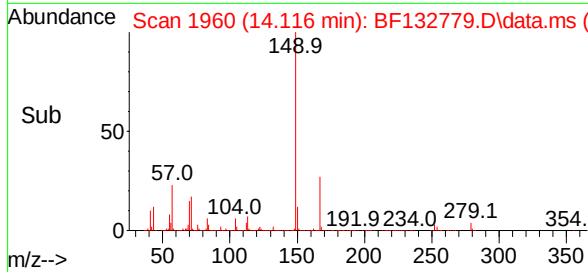
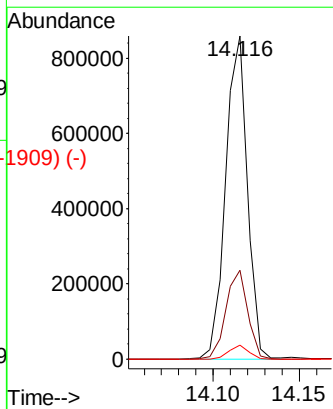
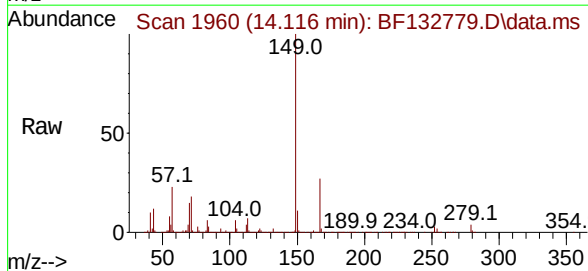
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.9	16.4	24.6

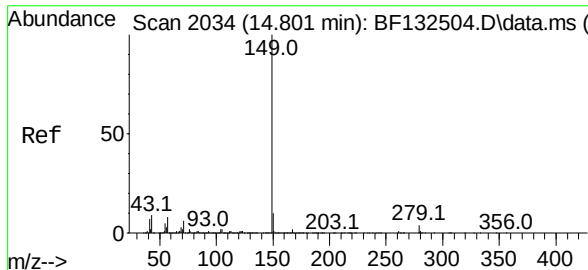


Scan 1927 (14.171 min): BF132504.D\data.ms (-1927) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 44.923 ng
 RT: 14.116 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion: 149 Resp: 762133

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.3	3.0	4.6



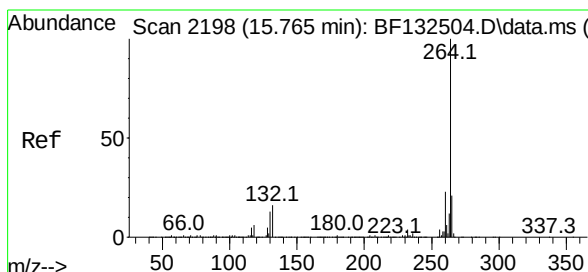
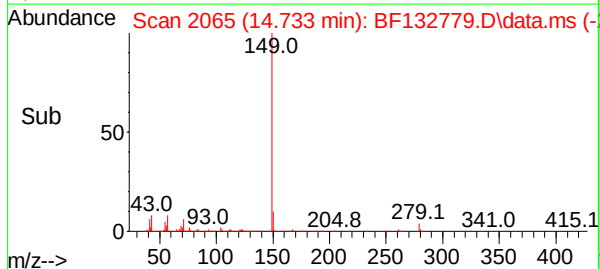
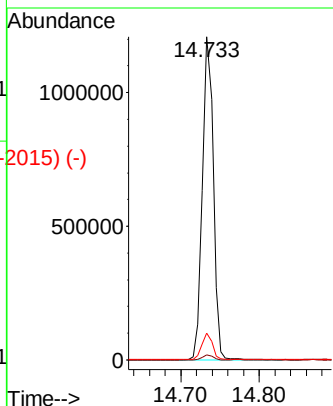
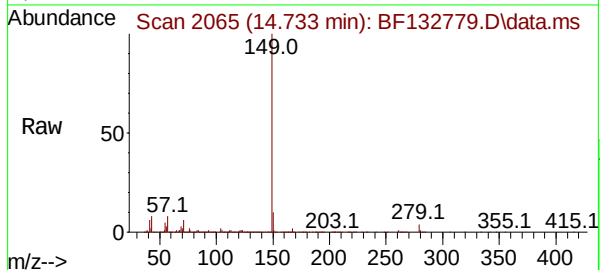


Di-n-octyl phthalate
 Concen: 46.751 ng
 RT: 14.733 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

Tgt Ion:149 Resp: 1159041

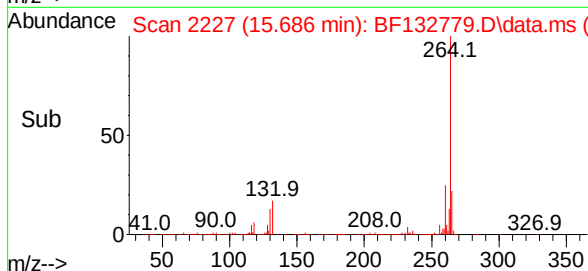
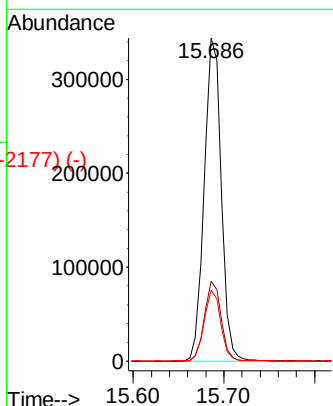
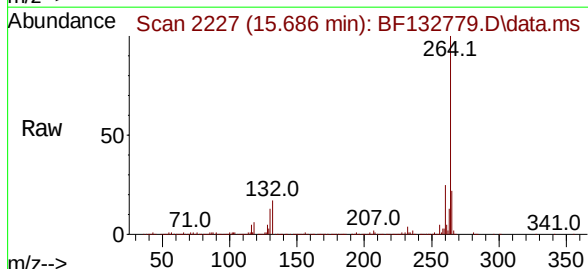
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	7.2	10.8

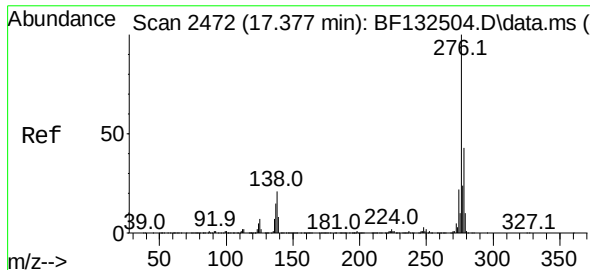


Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2227
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:264 Resp: 449385

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.9	17.1	25.7

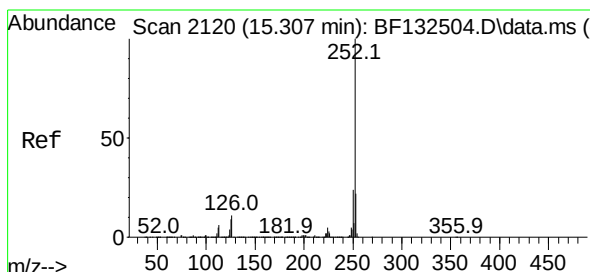
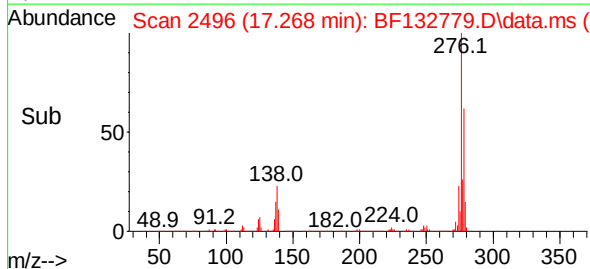
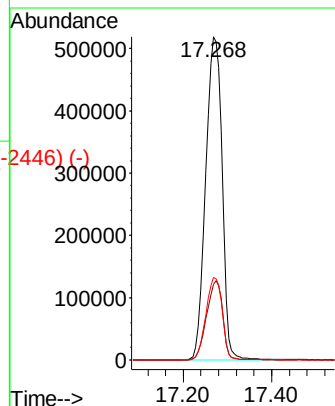
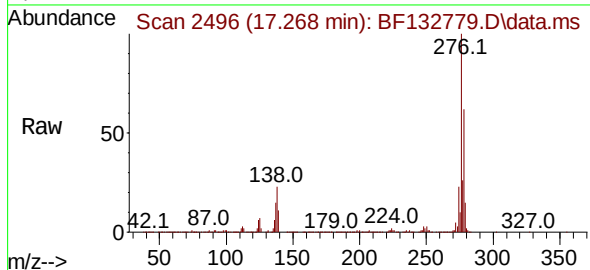




Indeno(1,2,3-cd)pyrene
Concen: 46.122 ng
RT: 17.268 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

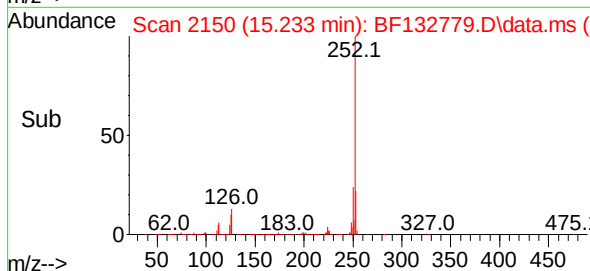
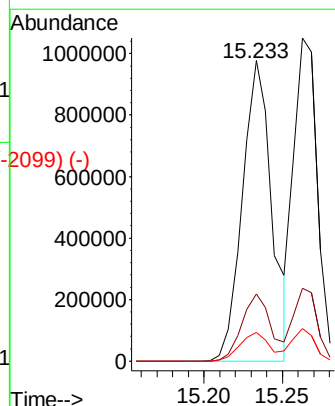
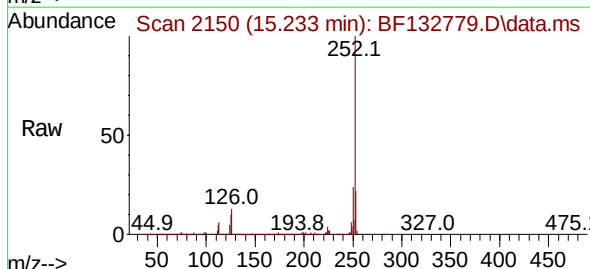
Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

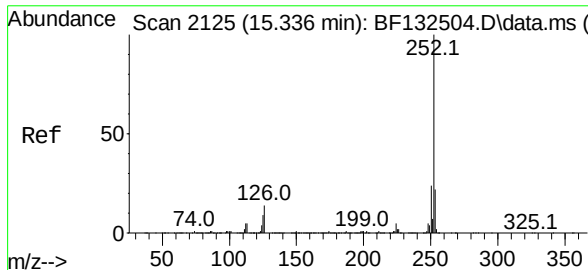
Tgt Ion:	276	Resp:	1358090
Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.4
277	25.2	20.0	30.0



Benzo(b)fluoranthene
Concen: 42.324 ng
RT: 15.233 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	252	Resp:	1274606
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	9.7	7.0	10.6

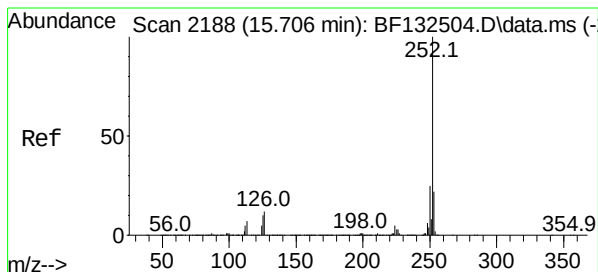
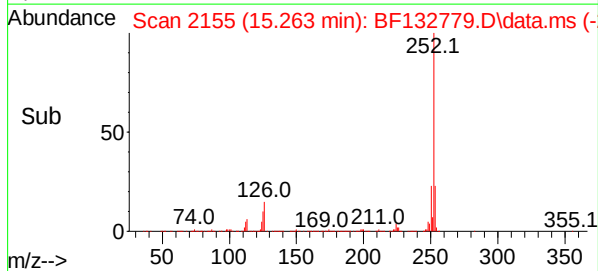
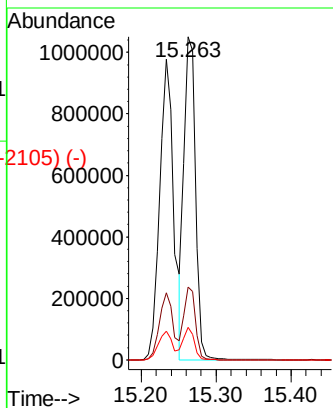
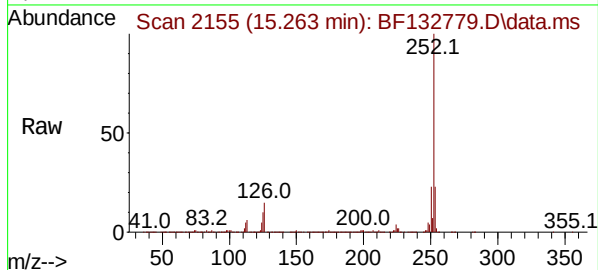




Scan 2125 (15.336 min): BF132504.D\data.ms (-2125) (-)
 Benzo(k)fluoranthene
 Concen: 37.811 ng
 RT: 15.263 min Scan# 2125
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

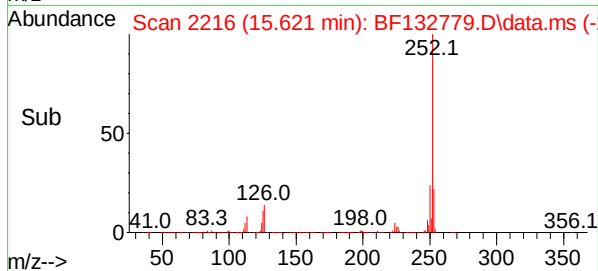
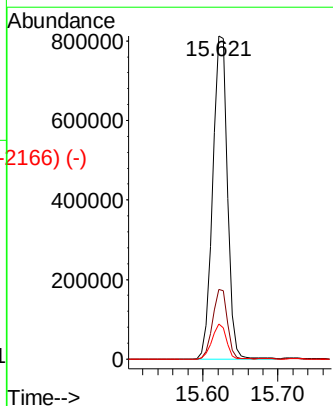
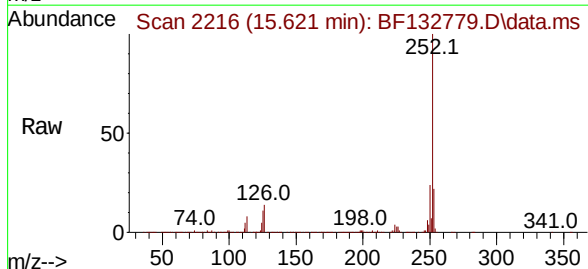
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMSD

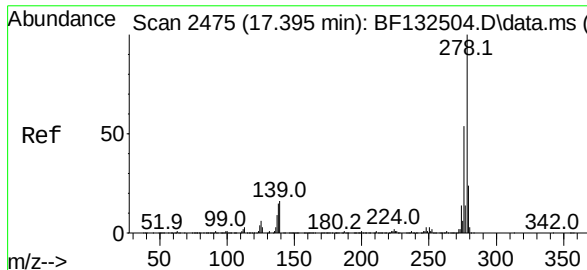
Tgt Ion:	252	Resp:	1114444
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.0	7.2	10.8



Scan 2188 (15.706 min): BF132504.D\data.ms (-2188) (-)
 Benzo(a)pyrene
 Concen: 39.418 ng
 RT: 15.621 min Scan# 2216
 Delta R.T. -0.006 min
 Lab File: BF132779.D
 Acq: 14 Mar 2023 15:40

Tgt Ion:	252	Resp:	1111015
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.9	8.0	12.0

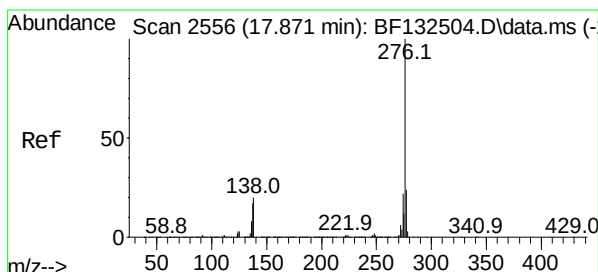
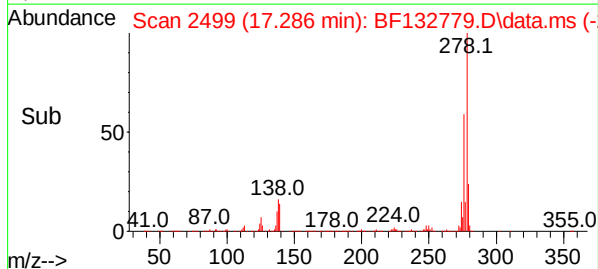
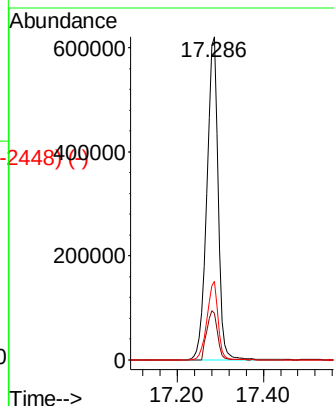
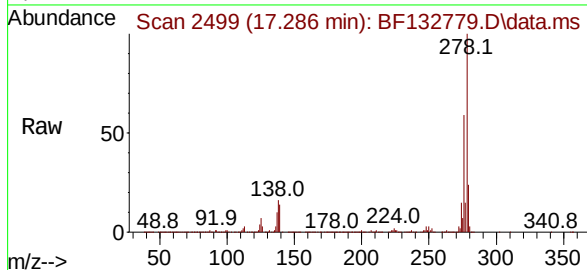




Dibenzo(a,h)anthracene
Concen: 46.561 ng
RT: 17.286 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMSD

Tgt Ion:	278	Resp:	1117064
Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.0	19.4
279	24.3	19.0	28.4



Benzo(g,h,i)perylene
Concen: 41.019 ng
RT: 17.751 min Scan# 2578
Delta R.T. -0.006 min
Lab File: BF132779.D
Acq: 14 Mar 2023 15:40

Tgt Ion:	276	Resp:	1105565
Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	20.3	16.2	24.4

