

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
 Data File : BM034072.D
 Acq On : 24 Feb 2022 18:04
 Operator : CG/JU
 Sample : N1650-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)MS

Quant Time: Feb 25 01:11:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	159574	20.000	ng	-0.01
21) Naphthalene-d8	10.830	136	585568	20.000	ng	# 0.00
39) Acenaphthene-d10	14.648	164	363613	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	726646	20.000	ng	# 0.00
76) Chrysene-d12	21.559	240	685102	20.000	ng	# 0.00
86) Perylene-d12	24.018	264	709202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1179937	131.812	ng	0.00
7) Phenol-d6	7.166	99	1325839	112.791	ng	0.00
23) Nitrobenzene-d5	9.178	82	1004639	92.587	ng	0.00
42) 2,4,6-Tribromophenol	16.130	330	692709	156.967	ng	0.00
45) 2-Fluorobiphenyl	13.277	172	2587307	94.800	ng	-0.01
79) Terphenyl-d14	20.006	244	3828470	97.309	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	147506	42.859	ng	# 47
3) Pyridine	3.843	79	262044	27.102	ng	90
4) n-Nitrosodimethylamine	3.743	42	243342	50.315	ng	84
6) Aniline	7.331	93	152522	11.743	ng	93
8) 2-Chlorophenol	7.578	128	508115	50.737	ng	# 81
9) Benzaldehyde	7.142	77	199367	30.212	ng	88
10) Phenol	7.195	94	505171	43.692	ng	93
11) bis(2-Chloroethyl)ether	7.431	93	427387	46.327	ng	87
12) 1,3-Dichlorobenzene	7.901	146	603449	51.262	ng	# 93
13) 1,4-Dichlorobenzene	8.048	146	611218	50.799	ng	93
14) 1,2-Dichlorobenzene	8.372	146	581851	49.548	ng	95
15) Benzyl Alcohol	8.248	79	420556	46.397	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.548	45	503361	41.035	ng	91
17) 2-Methylphenol	8.454	107	383615	47.105	ng	96
18) Hexachloroethane	9.107	117	212135	51.516	ng	# 88
19) n-Nitroso-di-n-propyla...	8.825	70	339901	44.737	ng	# 92
20) 3+4-Methylphenols	8.783	107	501482	44.596	ng	95
22) Acetophenone	8.836	105	719636	50.879	ng	# 92
24) Nitrobenzene	9.219	77	525056	51.977	ng	# 87
25) Isophorone	9.748	82	887774	50.687	ng	# 92
26) 2-Nitrophenol	9.930	139	274489	57.670	ng	# 80
27) 2,4-Dimethylphenol	9.995	122	448423	58.314	ng	93
28) bis(2-Chloroethoxy)met...	10.230	93	541398	45.714	ng	97
29) 2,4-Dichlorophenol	10.472	162	502622	52.864	ng	94
30) 1,2,4-Trichlorobenzene	10.695	180	577681	51.755	ng	96
31) Naphthalene	10.877	128	1530446	50.871	ng	99
32) Benzoic acid	10.113	122	291533	50.059	ng	# 83
33) 4-Chloroaniline	10.983	127	89534	7.268	ng	# 89
34) Hexachlorobutadiene	11.177	225	376740	53.122	ng	97
35) Caprolactam	11.754	113	111894	58.381	ng	# 58
36) 4-Chloro-3-methylphenol	12.101	107	460450	49.183	ng	# 84
37) 2-Methylnaphthalene	12.483	142	1118799	50.972	ng	96
38) 1-Methylnaphthalene	12.701	142	1046571	48.903	ng	98
40) 1,2,4,5-Tetrachloroben...	12.854	216	659541	56.735	ng	98
41) Hexachlorocyclopentadiene	12.842	237	908776	133.824	ng	98
43) 2,4,6-Trichlorophenol	13.083	196	420352	57.181	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
 Data File : BM034072.D
 Acq On : 24 Feb 2022 18:04
 Operator : CG/JU
 Sample : N1650-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)MS

Quant Time: Feb 25 01:11:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

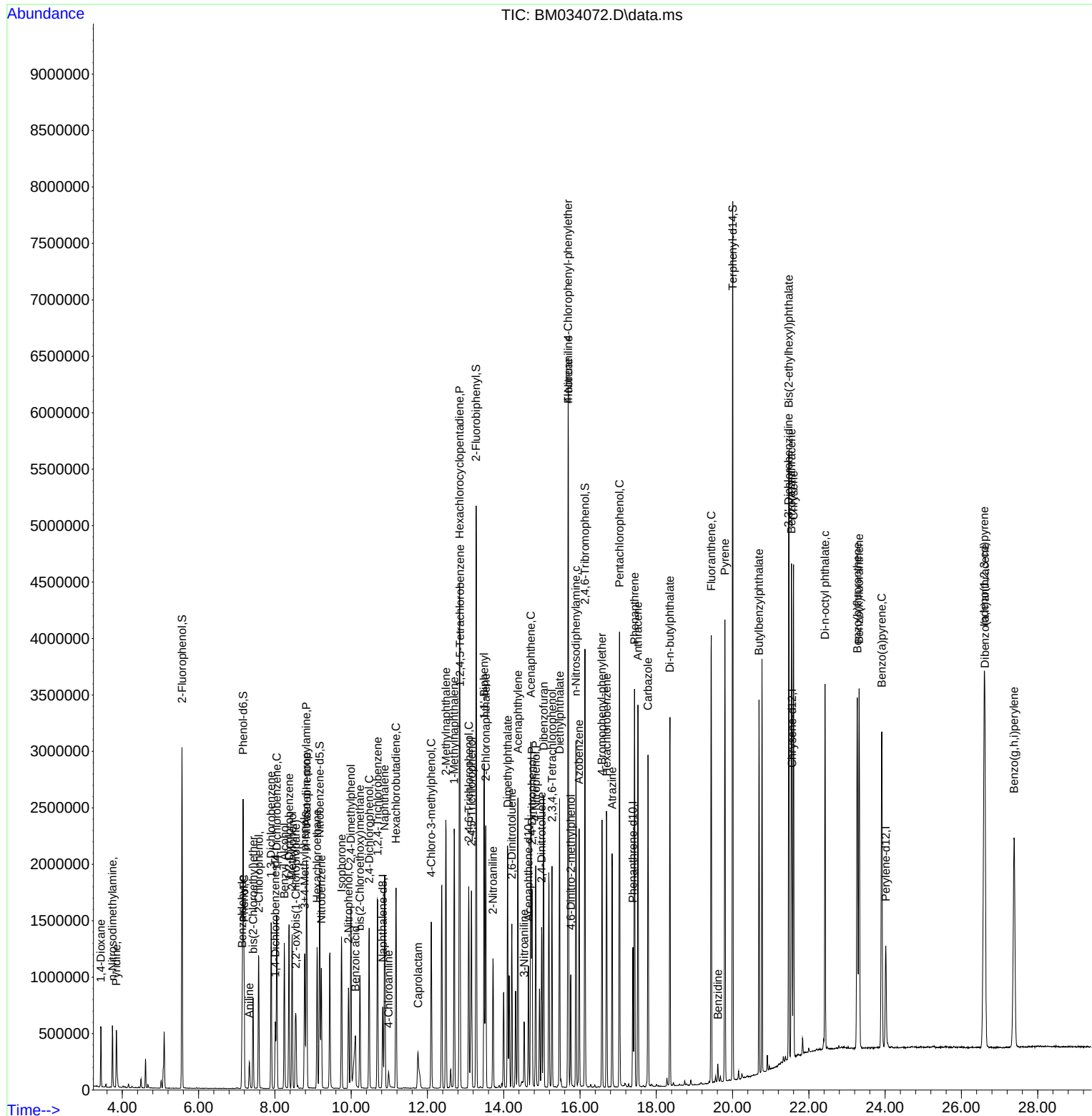
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	450289	60.296	ng	# 90
46) 1,1'-Biphenyl	13.489	154	1471664	52.973	ng	96
47) 2-Chloronaphthalene	13.530	162	1146193	52.837	ng	94
48) 2-Nitroaniline	13.718	65	284358	55.196	ng	# 76
49) Acenaphthylene	14.371	152	1773190	54.542	ng	99
50) Dimethylphthalate	14.107	163	1387965	51.487	ng	98
51) 2,6-Dinitrotoluene	14.213	165	300384	56.312	ng	85
52) Acenaphthene	14.713	154	1270163	59.127	ng	99
53) 3-Nitroaniline	14.536	138	148071	27.752	ng	# 76
54) 2,4-Dinitrophenol	14.742	184	371510	122.702	ng	# 80
55) Dibenzofuran	15.048	168	1697263	50.581	ng	98
56) 4-Nitrophenol	14.842	139	462436	107.229	ng	# 80
57) 2,4-Dinitrotoluene	14.995	165	411805	59.366	ng	# 77
58) Fluorene	15.695	166	1409141	52.240	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.265	232	390010	53.316	ng	# 90
60) Diethylphthalate	15.465	149	1385369	51.393	ng	99
61) 4-Chlorophenyl-phenyle...	15.689	204	737605	51.063	ng	93
62) 4-Nitroaniline	15.695	138	276142	49.871	ng	86
63) Azobenzene	15.977	77	1123006	47.958	ng	93
65) 4,6-Dinitro-2-methylph...	15.759	198	227205	53.345	ng	# 70
66) n-Nitrosodiphenylamine	15.895	169	1180718	51.901	ng	98
67) 4-Bromophenyl-phenylether	16.577	248	455268	55.462	ng	92
68) Hexachlorobenzene	16.701	284	520788	55.063	ng	# 87
69) Atrazine	16.842	200	402210	53.448	ng	96
70) Pentachlorophenol	17.036	266	681755	119.316	ng	99
71) Phenanthrene	17.430	178	2121010	52.621	ng	99
72) Anthracene	17.518	178	2151970	54.863	ng	99
73) Carbazole	17.783	167	1854841	50.222	ng	99
74) Di-n-butylphthalate	18.359	149	2258737	53.763	ng	99
75) Fluoranthene	19.442	202	2401085	54.221	ng	96
77) Benzidine	19.618	184	101651	7.967	ng	99
78) Pyrene	19.800	202	2453426	52.144	ng	99
80) Butylbenzylphthalate	20.694	149	931777	52.005	ng	89
81) Benzo(a)anthracene	21.541	228	2314528	51.922	ng	98
82) 3,3'-Dichlorobenzidine	21.471	252	492052	32.684	ng	98
83) Chrysene	21.600	228	2225245	52.258	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	1387114	50.680	ng	# 98
85) Di-n-octyl phthalate	22.424	149	2212999	51.015	ng	# 90
87) Indeno(1,2,3-cd)pyrene	26.600	276	3025195	59.999	ng	# 95
88) Benzo(b)fluoranthene	23.271	252	2427912	54.628	ng	# 98
89) Benzo(k)fluoranthene	23.318	252	2357914	53.182	ng	# 97
90) Benzo(a)pyrene	23.912	252	2352982	64.427	ng	# 97
91) Dibenzo(a,h)anthracene	26.618	278	2616014	61.692	ng	96
92) Benzo(g,h,i)perylene	27.382	276	2643322	64.347	ng	97

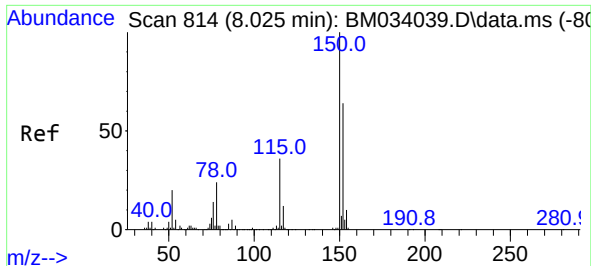
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
 Data File : BM034072.D
 Acq On : 24 Feb 2022 18:04
 Operator : CG/JU
 Sample : N1650-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)MS

Quant Time: Feb 25 01:11:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

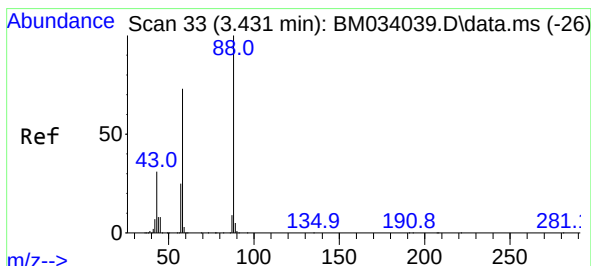
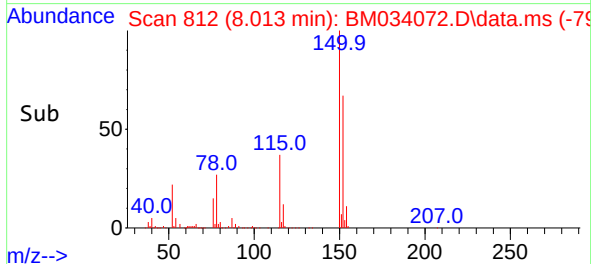
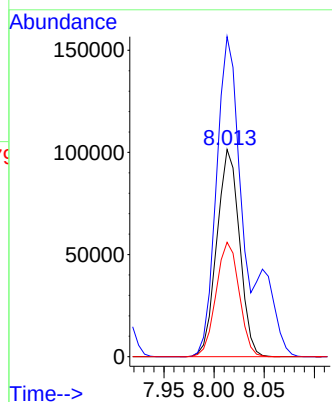
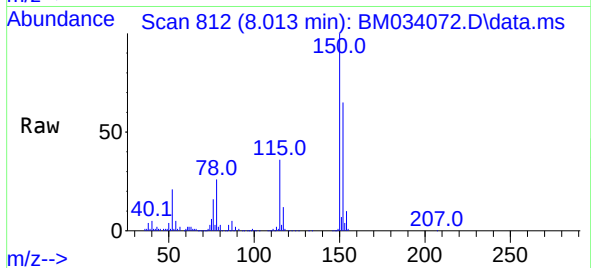




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.013 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

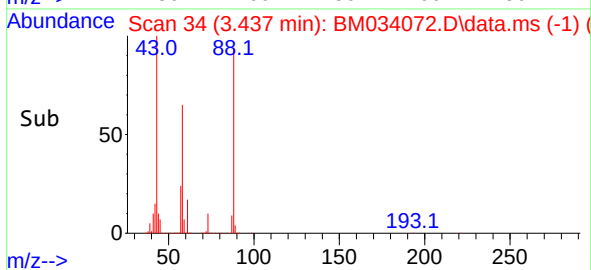
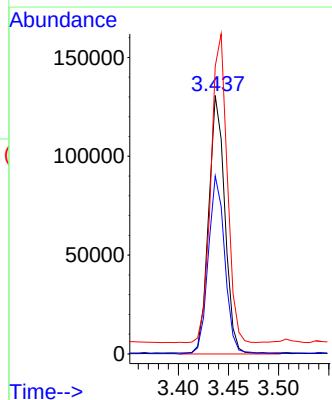
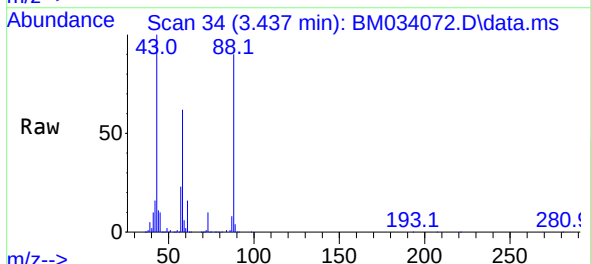
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

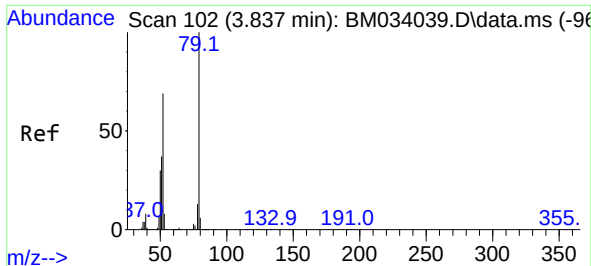
Tgt Ion:152 Resp: 159574
Ion Ratio Lower Upper
152 100
150 154.5 128.9 193.3
115 55.3 53.0 79.6



#2
1,4-Dioxane
Concen: 42.859 ng
RT: 3.437 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 88 Resp: 147506
Ion Ratio Lower Upper
88 100
58 68.9 67.0 100.4
43 119.3 31.6 47.4#

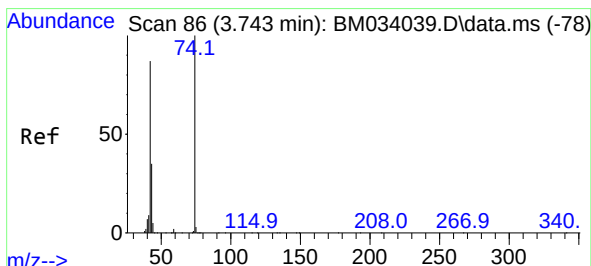
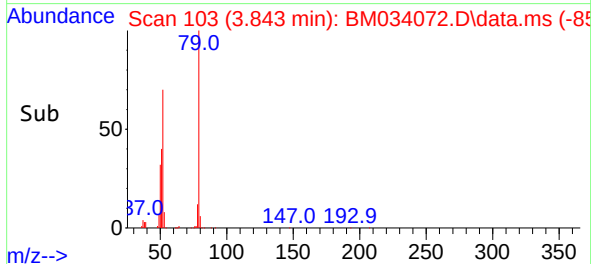
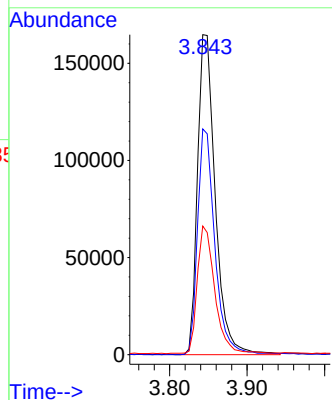
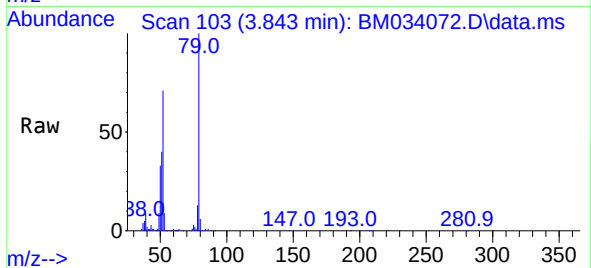




#3
Pyridine
Concen: 27.102 ng
RT: 3.843 min Scan# 102
Delta R.T. 0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

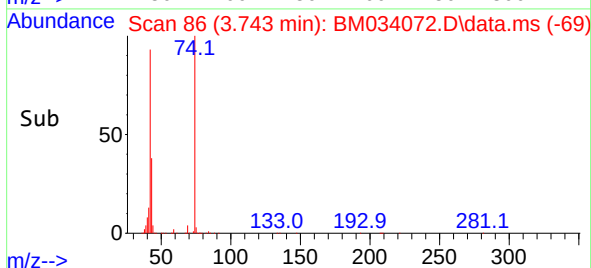
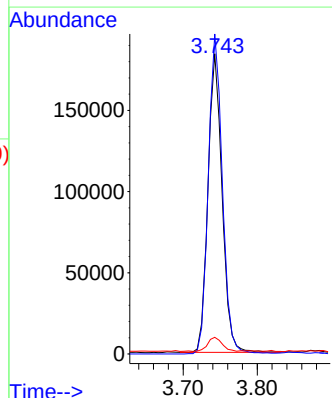
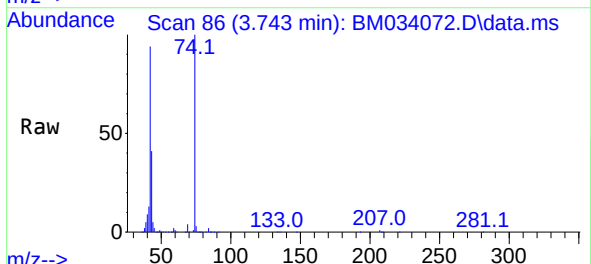
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

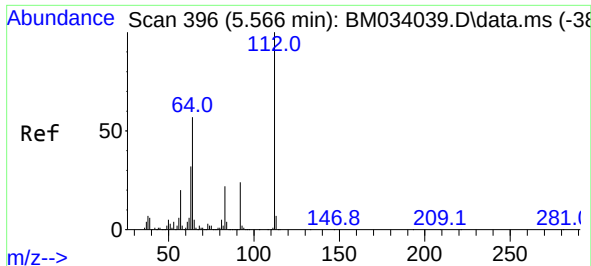
Tgt Ion: 79 Resp: 262044
Ion Ratio Lower Upper
79 100
52 70.5 65.4 98.2
51 40.2 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 50.315 ng
RT: 3.743 min Scan# 86
Delta R.T. -0.000 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 42 Resp: 243342
Ion Ratio Lower Upper
42 100
74 106.5 72.5 108.7
44 5.6 5.4 8.2

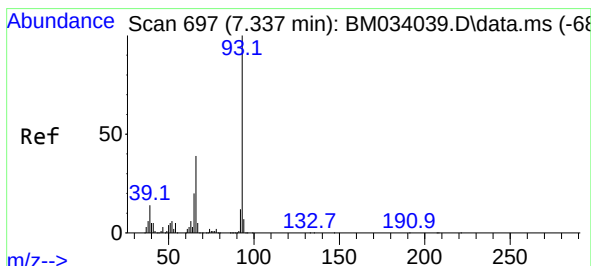
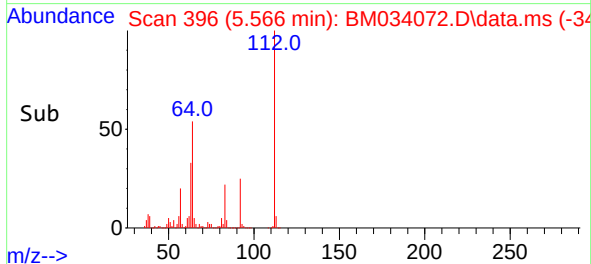
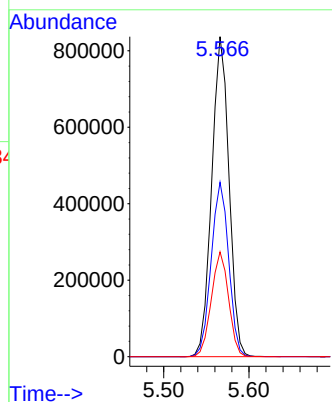
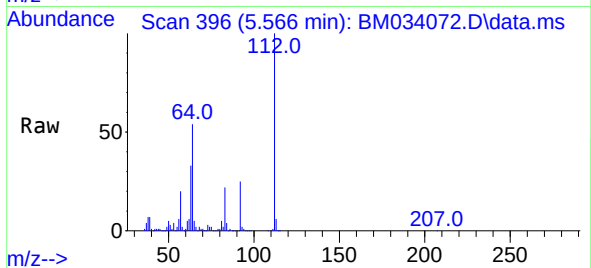




#5
2-Fluorophenol
Concen: 131.812 ng
RT: 5.566 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

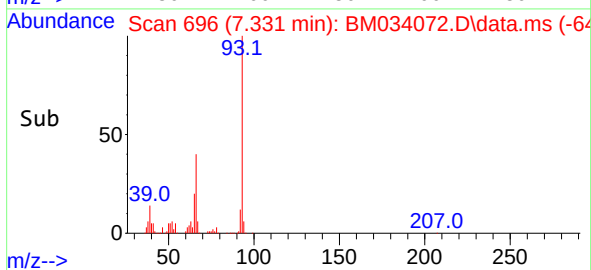
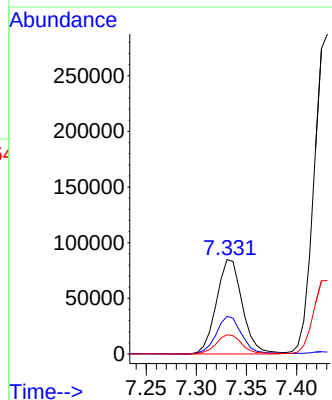
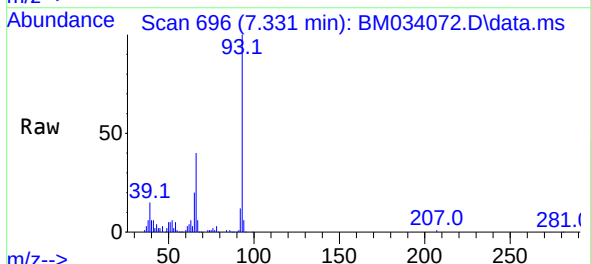
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

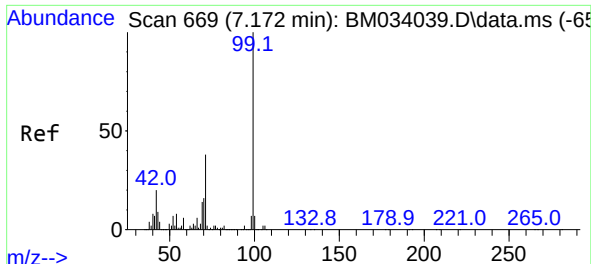
Tgt Ion:112 Resp: 1179937
Ion Ratio Lower Upper
112 100
64 54.5 55.5 83.3#
63 32.7 31.3 46.9



#6
Aniline
Concen: 11.743 ng
RT: 7.331 min Scan# 696
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 93 Resp: 152522
Ion Ratio Lower Upper
93 100
66 39.8 36.0 54.0
65 20.3 18.2 27.4

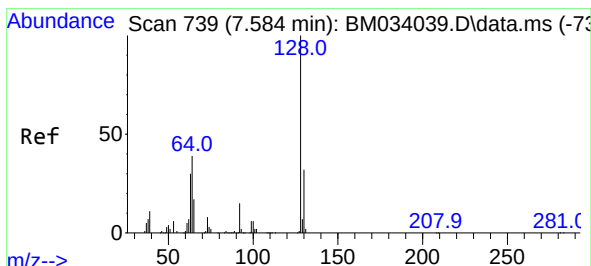
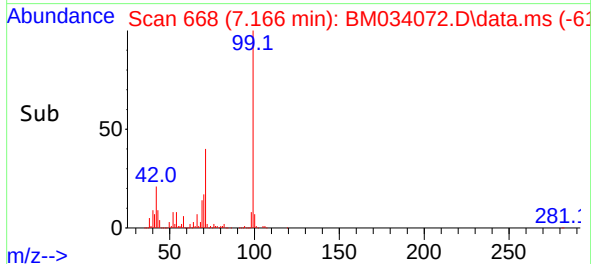
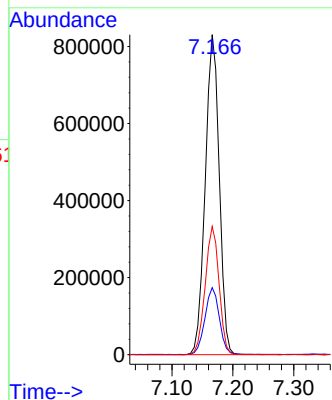
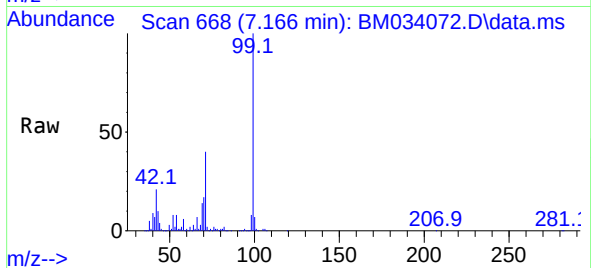




#7
Phenol-d6
Concen: 112.791 ng
RT: 7.166 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

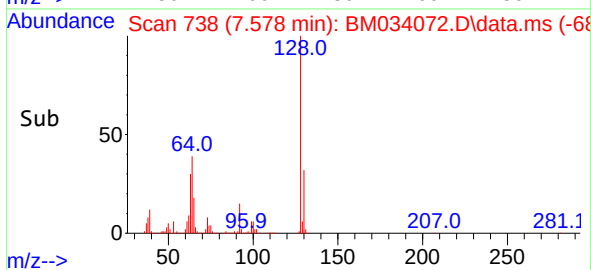
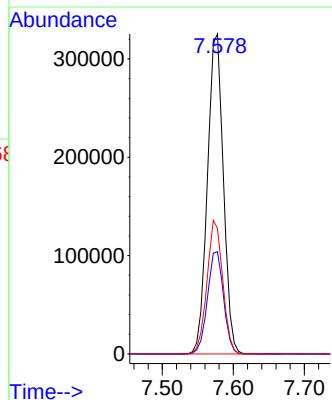
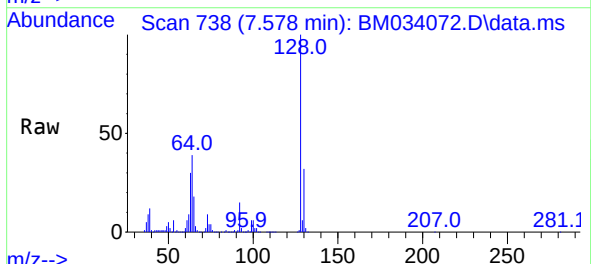
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

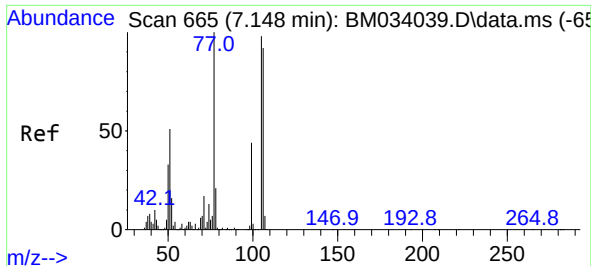
Tgt Ion: 99 Resp: 1325839
Ion Ratio Lower Upper
99 100
42 21.0 20.3 30.5
71 40.1 34.5 51.7



#8
2-Chlorophenol
Concen: 50.737 ng
RT: 7.578 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 128 Resp: 508115
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 39.2 40.6 80.6#

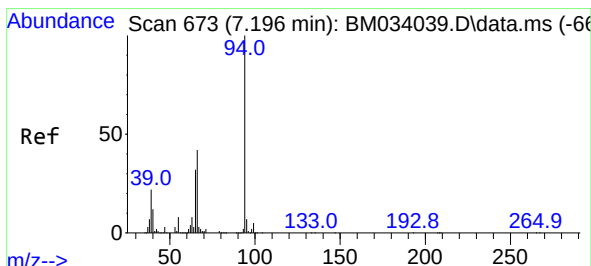
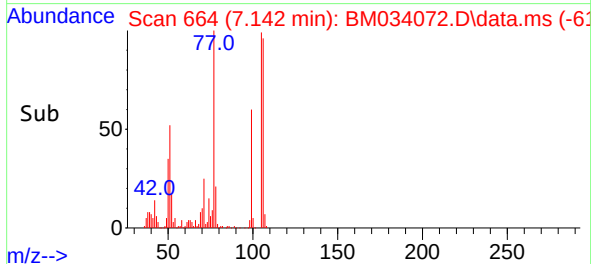
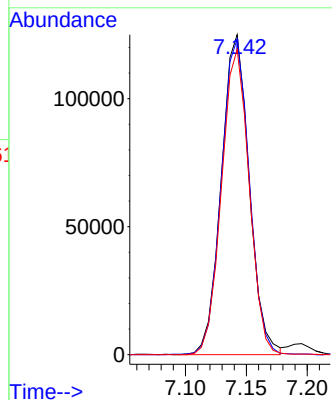
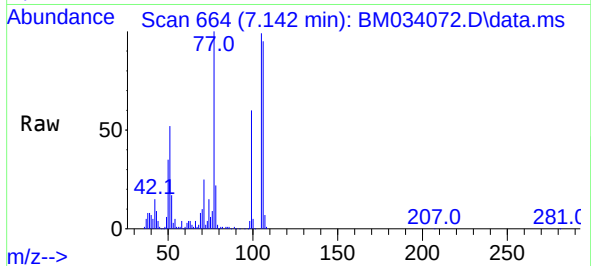




#9
Benzaldehyde
Concen: 30.212 ng
RT: 7.142 min Scan# 665
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

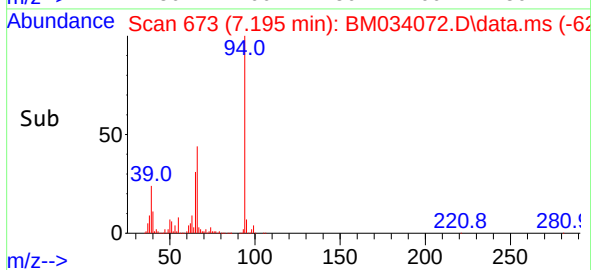
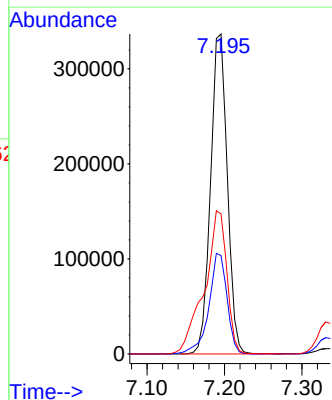
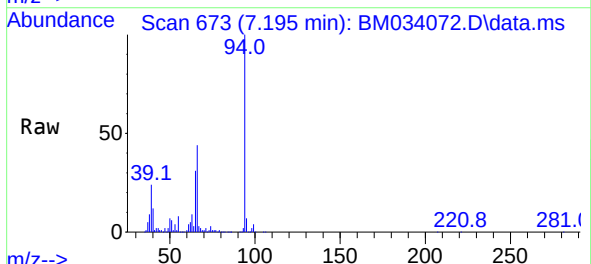
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

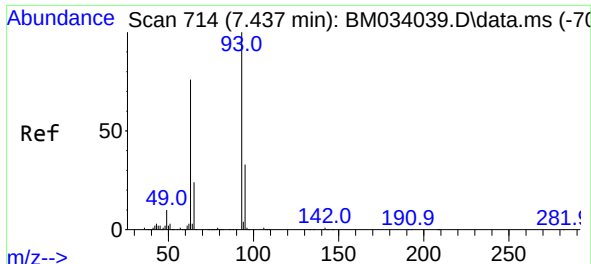
Tgt Ion: 77 Resp: 199367
Ion Ratio Lower Upper
77 100
105 98.7 67.1 107.1
106 95.4 64.3 104.3



#10
Phenol
Concen: 43.692 ng
RT: 7.195 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 94 Resp: 505171
Ion Ratio Lower Upper
94 100
65 30.7 15.5 55.5
66 43.8 28.5 68.5

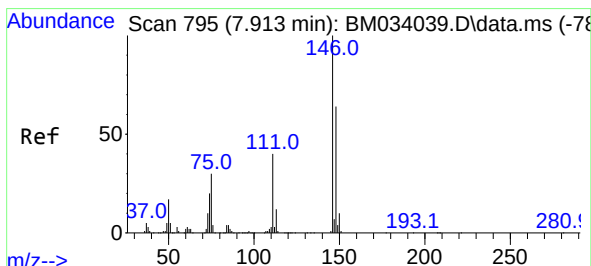
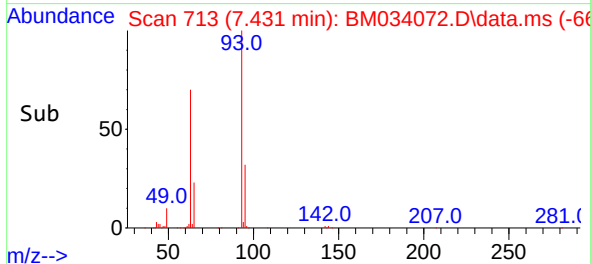
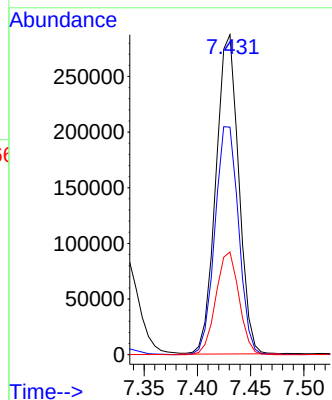
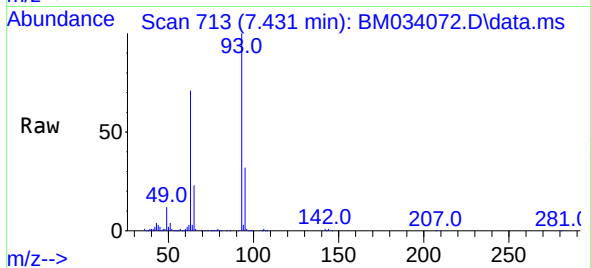




#11
bis(2-Chloroethyl)ether
Concen: 46.327 ng
RT: 7.431 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

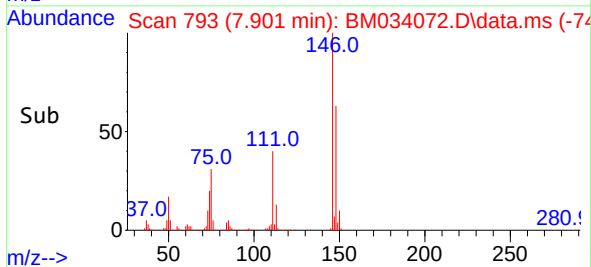
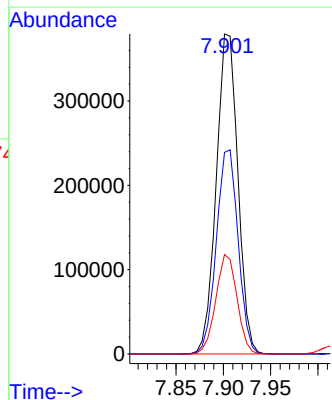
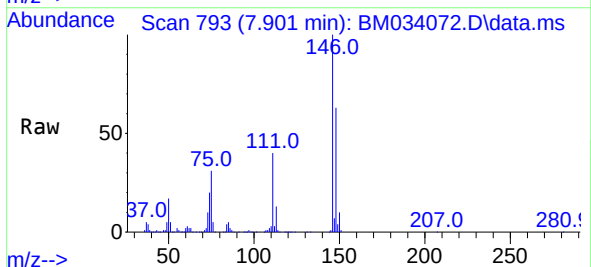
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

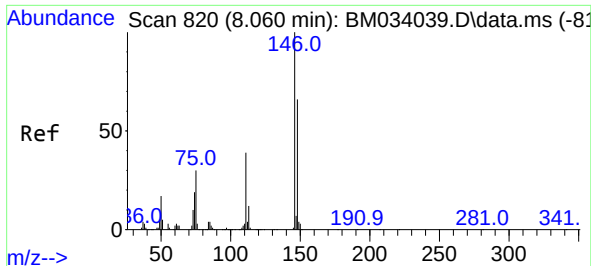
Tgt Ion: 93 Resp: 427387
Ion Ratio Lower Upper
93 100
63 71.1 67.0 107.0
95 32.1 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 51.262 ng
RT: 7.901 min Scan# 793
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 146 Resp: 603449
Ion Ratio Lower Upper
146 100
148 63.0 52.1 78.1
75 31.1 32.0 48.0#

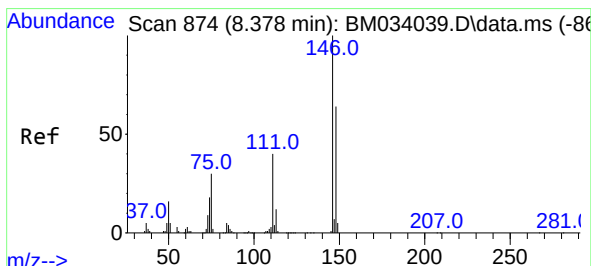
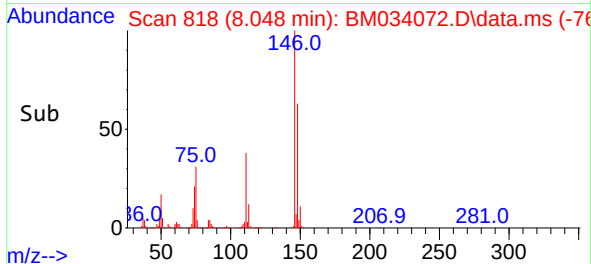
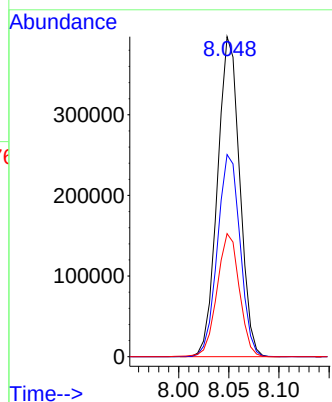
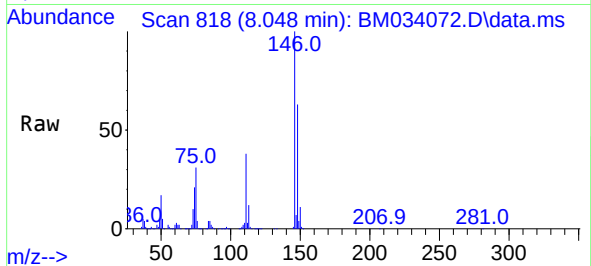




#13
1,4-Dichlorobenzene
Concen: 50.799 ng
RT: 8.048 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

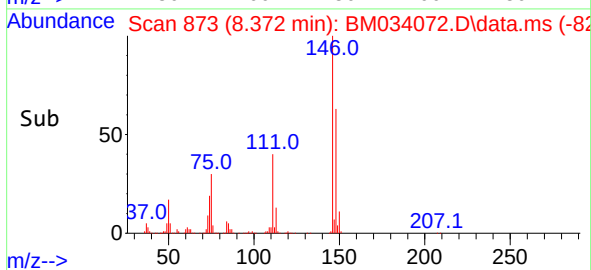
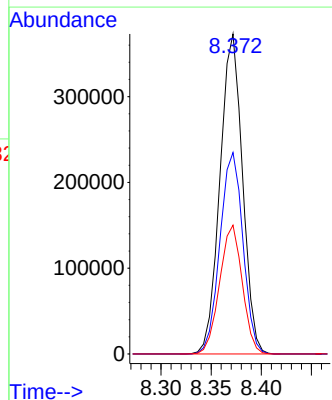
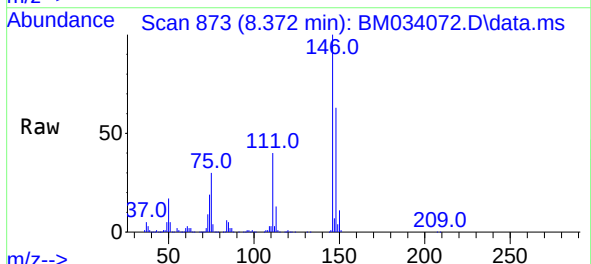
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

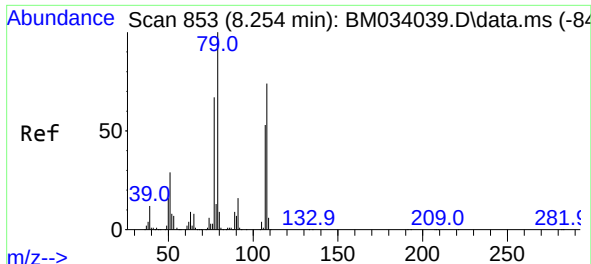
Tgt Ion:146 Resp: 611218
Ion Ratio Lower Upper
146 100
148 63.2 53.4 80.0
111 38.5 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 49.548 ng
RT: 8.372 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:146 Resp: 581851
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 40.2 37.8 56.8

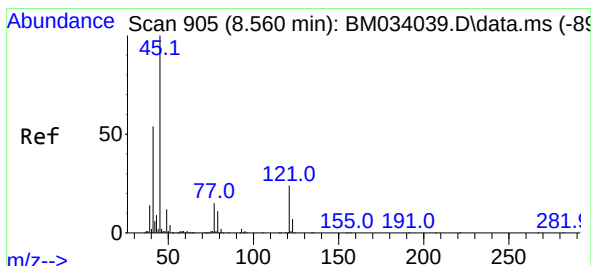
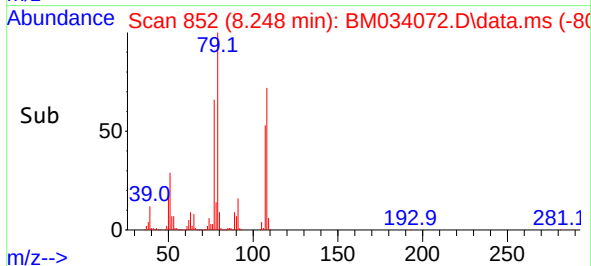
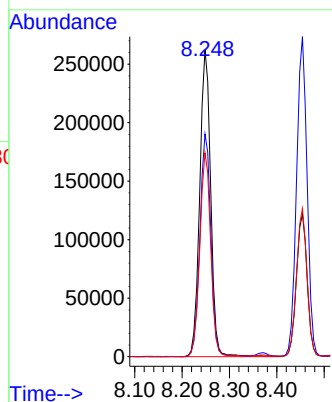
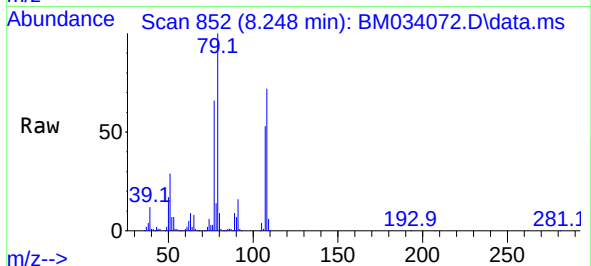




#15
Benzyl Alcohol
Concen: 46.397 ng
RT: 8.248 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

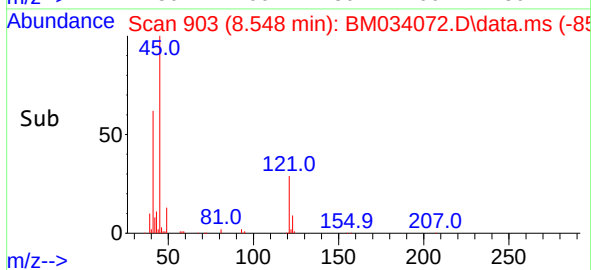
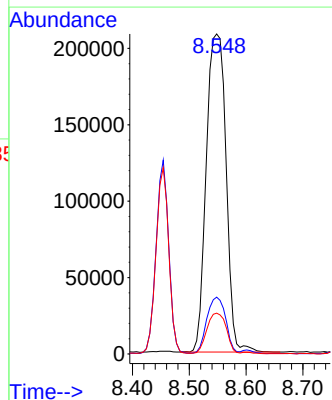
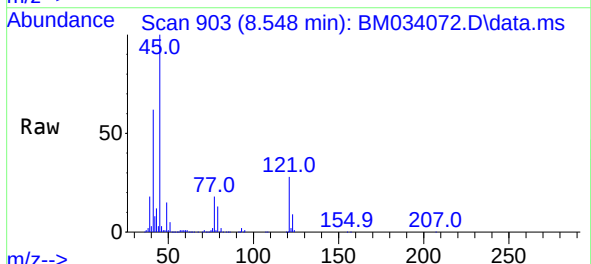
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

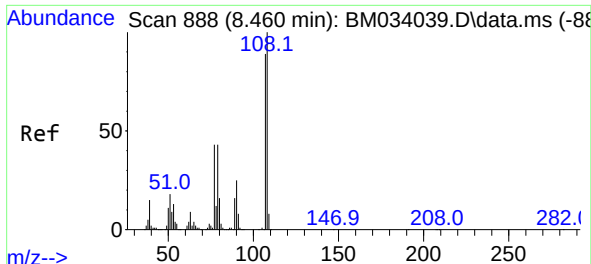
Tgt Ion: 79 Resp: 420556
Ion Ratio Lower Upper
79 100
108 72.5 51.1 76.7
77 66.4 53.8 80.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.035 ng
RT: 8.548 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 45 Resp: 503361
Ion Ratio Lower Upper
45 100
77 17.7 0.0 33.7
79 12.8 0.0 30.0

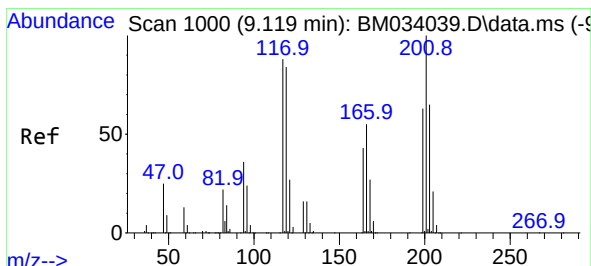
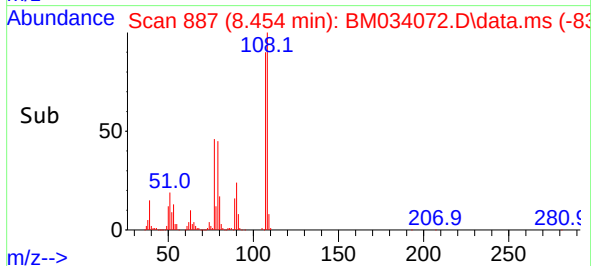
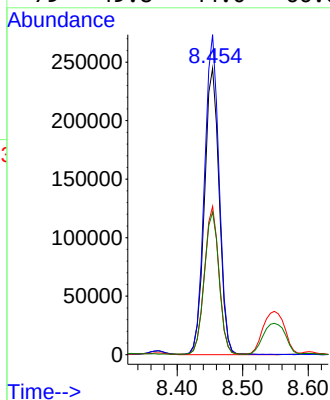
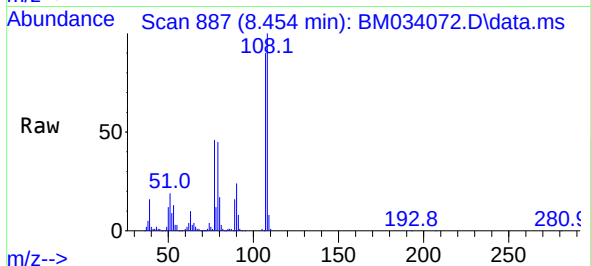




#17
2-Methylphenol
Concen: 47.105 ng
RT: 8.454 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

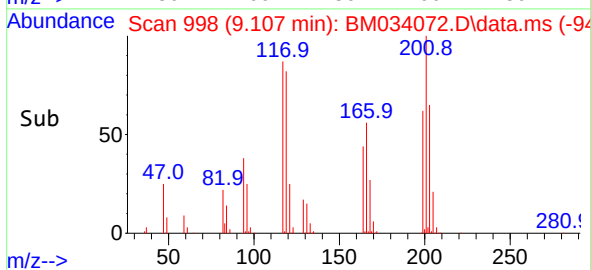
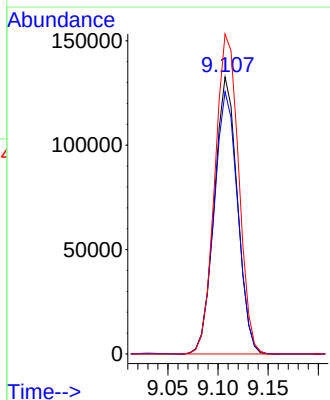
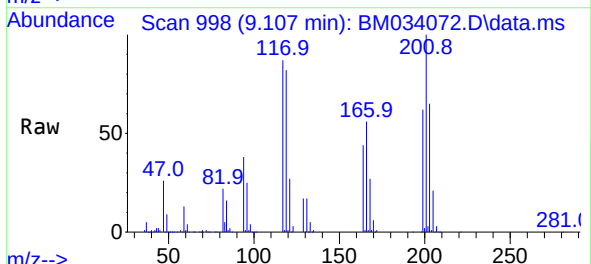
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

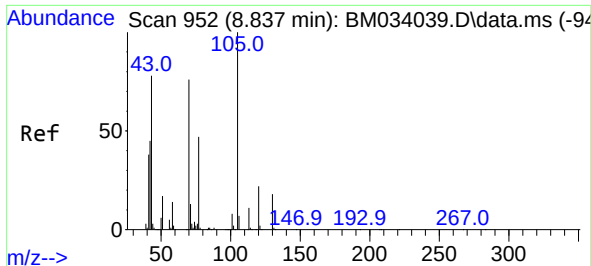
Tgt Ion:	107	Resp:	383615
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.2	133.8
77	51.8	46.0	69.0
79	49.8	44.0	66.0



#18
Hexachloroethane
Concen: 51.516 ng
RT: 9.107 min Scan# 998
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:	117	Resp:	212135
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
201	115.5	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.737 ng

RT: 8.825 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

Instrument :

BNA_M

ClientSampleId :

SW-SURFICIAL-SOIL-(SW-SS)MS

Tgt Ion: 70 Resp: 339901

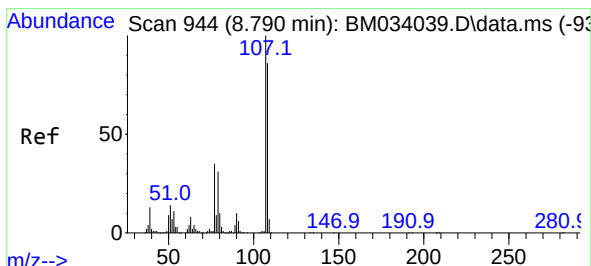
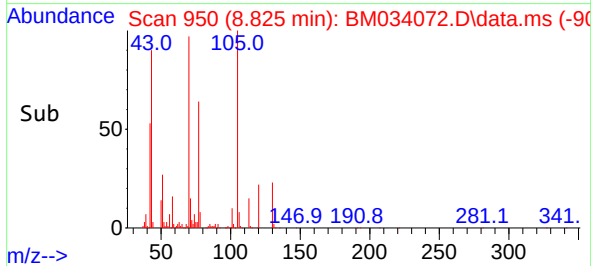
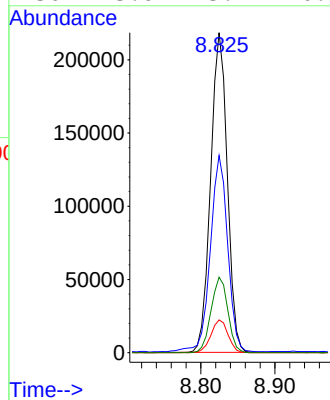
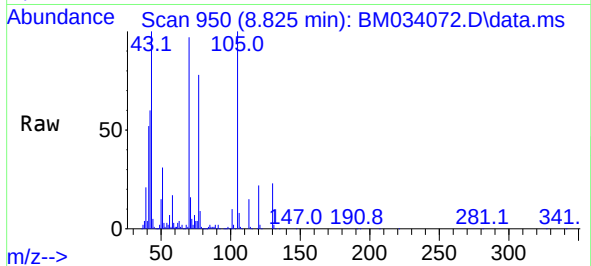
Ion Ratio Lower Upper

70 100

42 61.6 54.1 81.1

101 10.2 7.8 11.6

130 23.6 13.9 20.9#



#20

3+4-Methylphenols

Concen: 44.596 ng

RT: 8.783 min Scan# 943

Delta R.T. -0.006 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

Tgt Ion:107 Resp: 501482

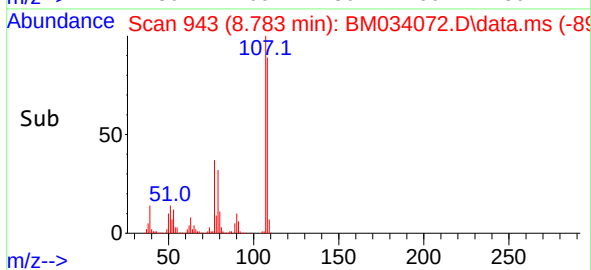
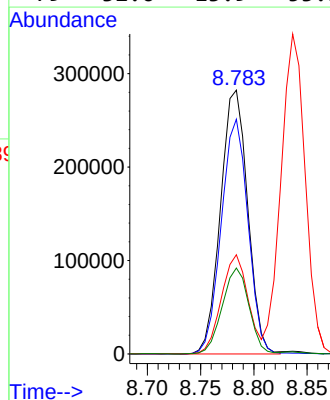
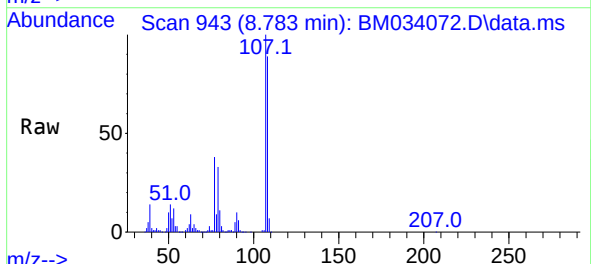
Ion Ratio Lower Upper

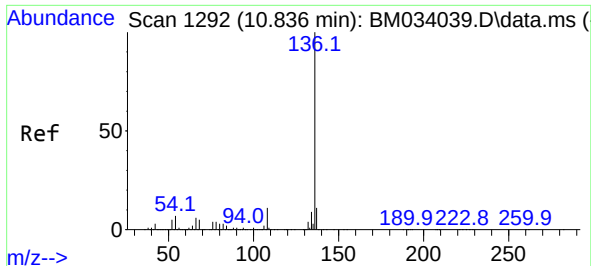
107 100

108 88.9 64.2 104.2

77 37.6 22.7 62.7

79 32.6 13.9 53.9

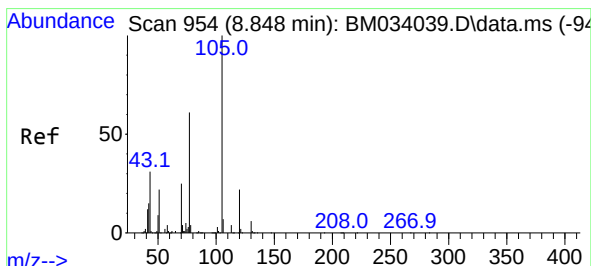
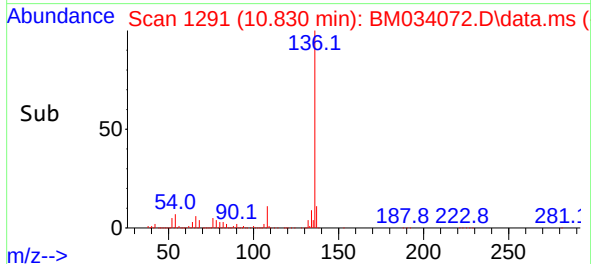
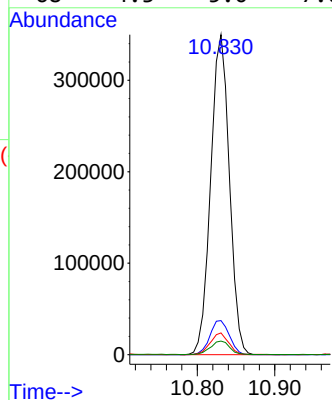
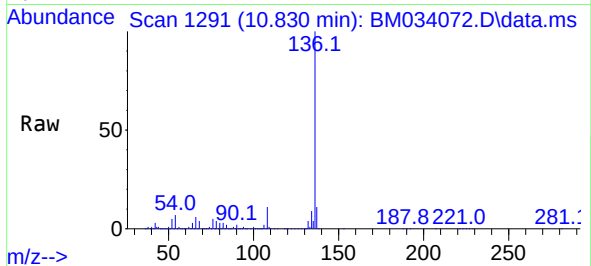




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.830 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

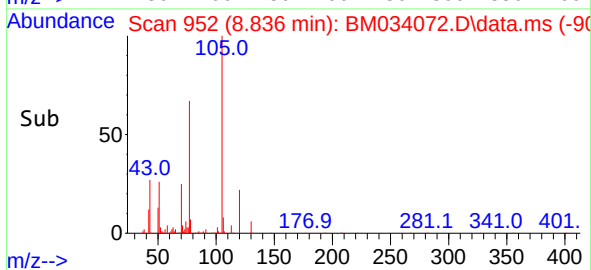
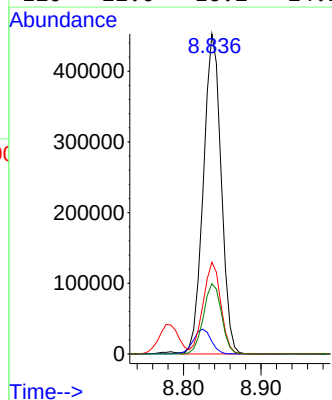
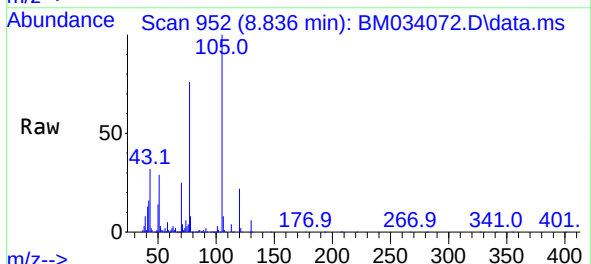
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

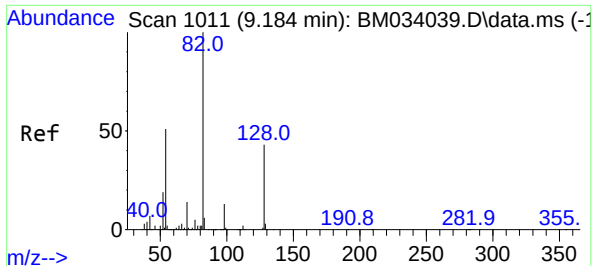
Tgt Ion:136 Resp: 585568
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 8.3 12.5#
68 4.3 5.0 7.6#



#22
Acetophenone
Concen: 50.879 ng
RT: 8.836 min Scan# 952
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:105 Resp: 719636
Ion Ratio Lower Upper
105 100
71 3.9 1.6 2.4#
51 28.6 27.7 41.5
120 22.0 16.2 24.2

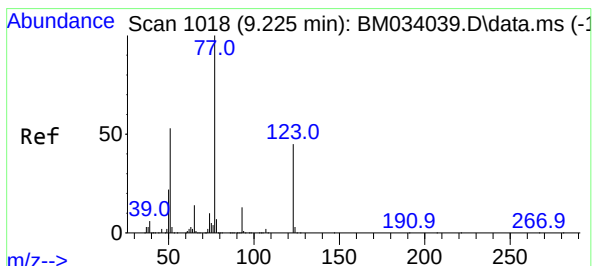
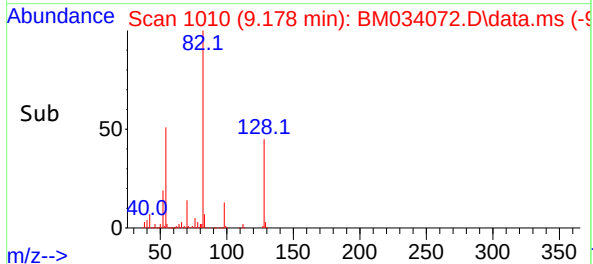
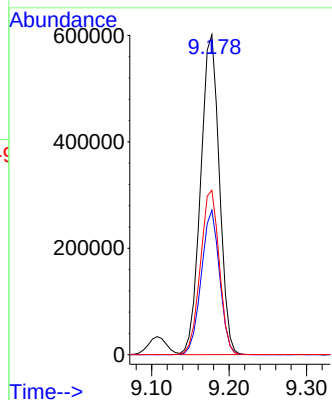
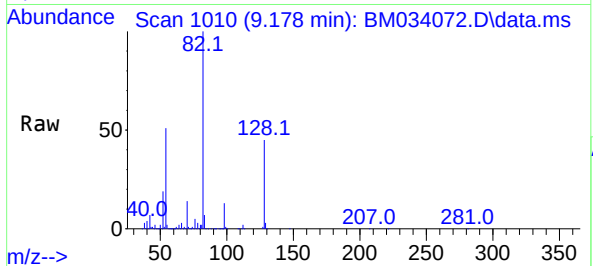




#23
Nitrobenzene-d5
Concen: 92.587 ng
RT: 9.178 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

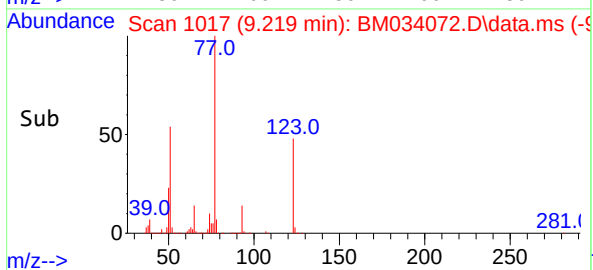
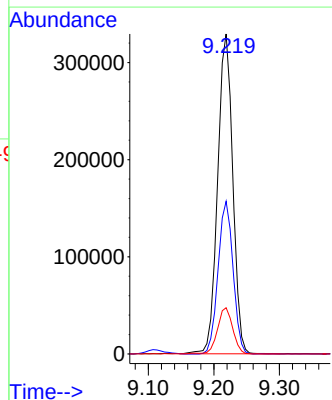
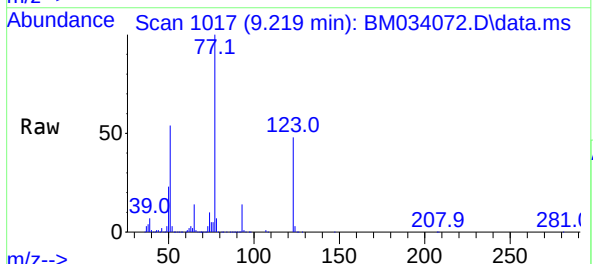
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

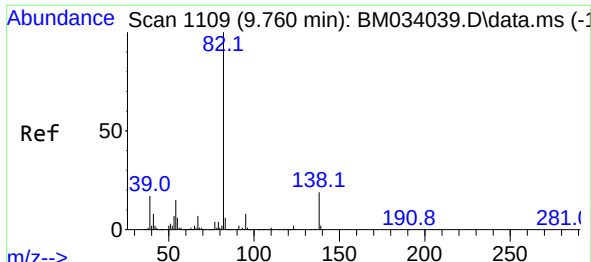
Tgt Ion: 82 Resp: 1004639
Ion Ratio Lower Upper
82 100
128 45.1 28.1 42.1#
54 51.4 46.1 69.1



#24
Nitrobenzene
Concen: 51.977 ng
RT: 9.219 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 77 Resp: 525056
Ion Ratio Lower Upper
77 100
123 47.7 29.8 44.8#
65 14.5 11.5 17.3

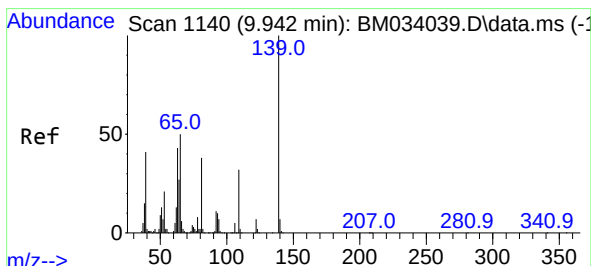
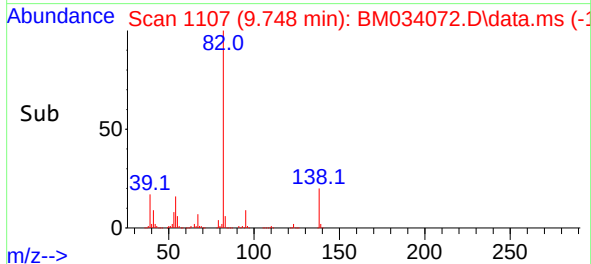
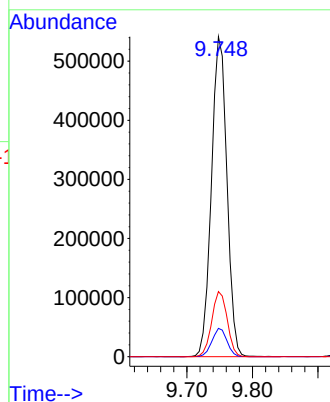
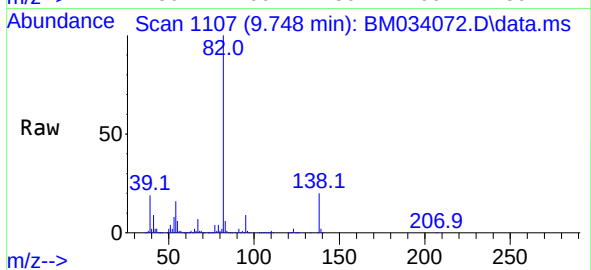




#25
Isophorone
Concen: 50.687 ng
RT: 9.748 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

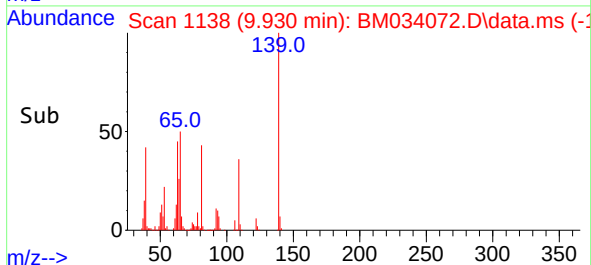
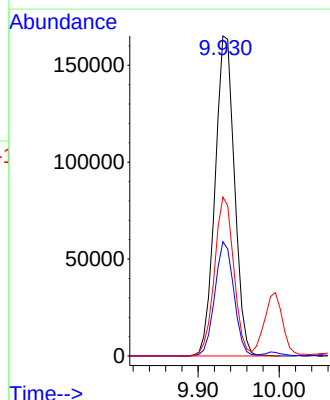
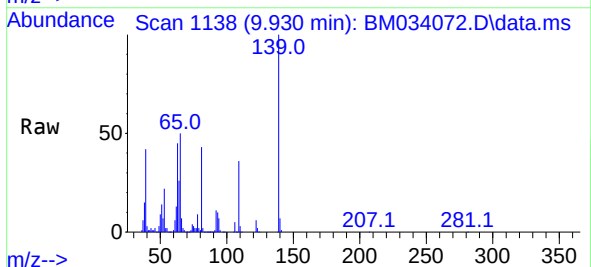
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

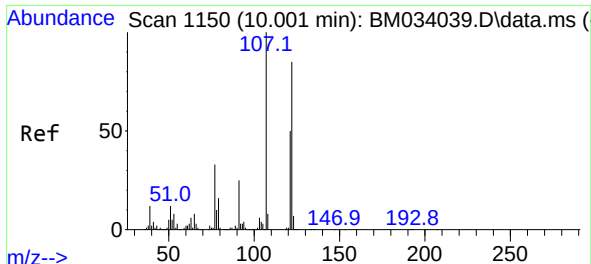
Tgt Ion: 82 Resp: 887774
Ion Ratio Lower Upper
82 100
95 8.9 6.4 9.6
138 20.3 12.4 18.6#



#26
2-Nitrophenol
Concen: 57.670 ng
RT: 9.930 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:139 Resp: 274489
Ion Ratio Lower Upper
139 100
109 35.7 33.0 49.6
65 49.6 57.2 85.8#





#27

2,4-Dimethylphenol

Concen: 58.314 ng

RT: 9.995 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

Instrument :

BNA_M

ClientSampleId :

SW-SURFICIAL-SOIL-(SW-SS)MS

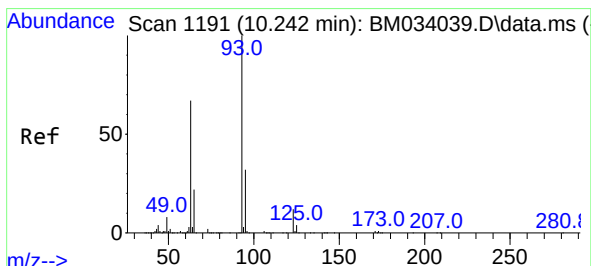
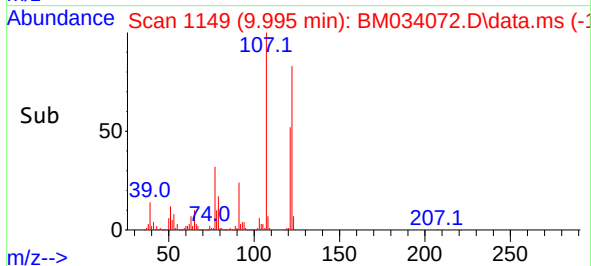
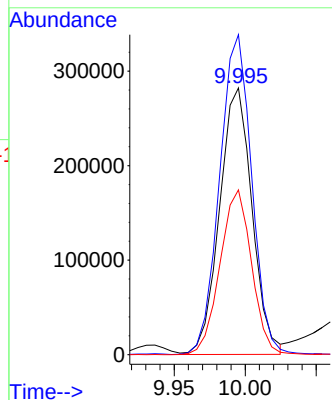
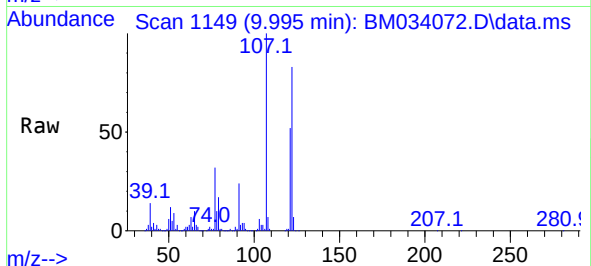
Tgt Ion:122 Resp: 448423

Ion Ratio Lower Upper

122 100

107 120.0 105.3 157.9

121 61.8 49.7 74.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.714 ng

RT: 10.230 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

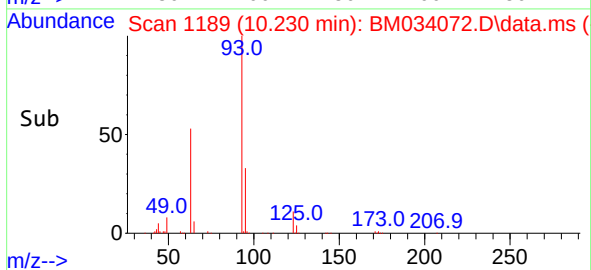
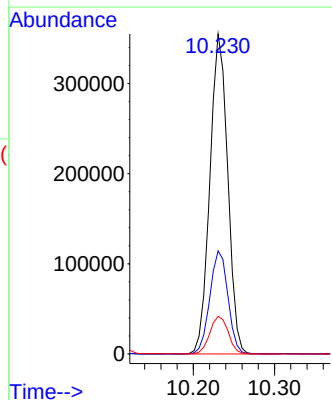
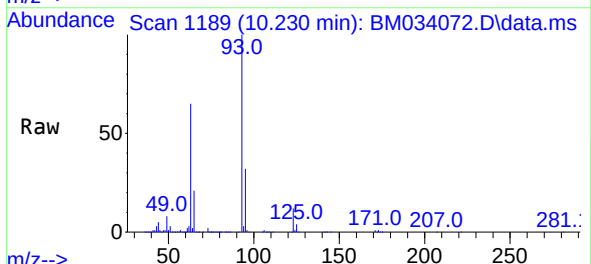
Tgt Ion: 93 Resp: 541398

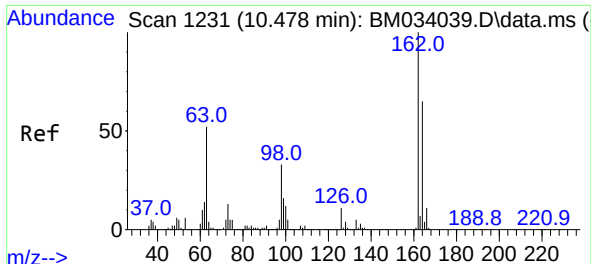
Ion Ratio Lower Upper

93 100

95 32.2 26.8 40.2

123 11.7 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 52.864 ng

RT: 10.472 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

Instrument :

BNA_M

ClientSampleId :

SW-SURFICIAL-SOIL-(SW-SS)MS

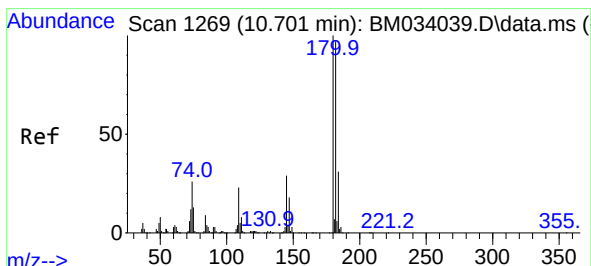
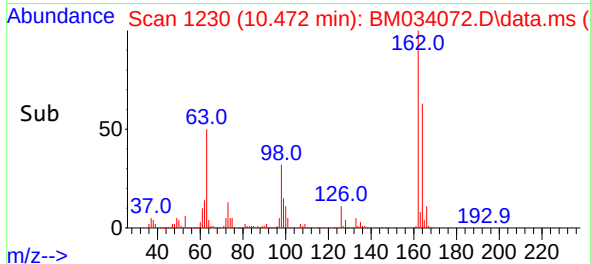
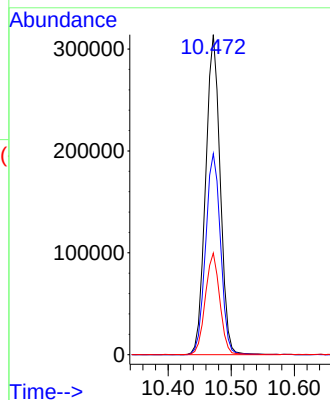
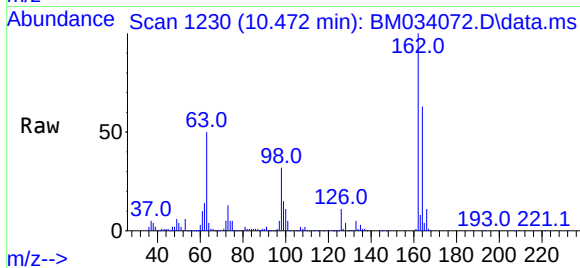
Tgt Ion:162 Resp: 502622

Ion Ratio Lower Upper

162 100

164 62.8 44.4 84.4

98 31.7 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 51.755 ng

RT: 10.695 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

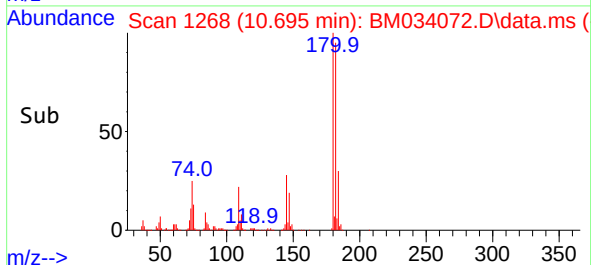
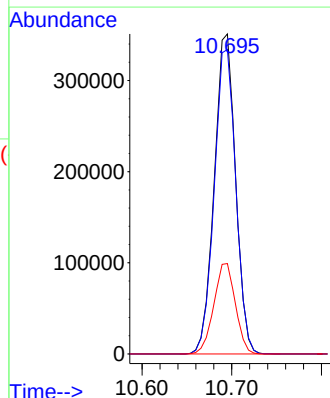
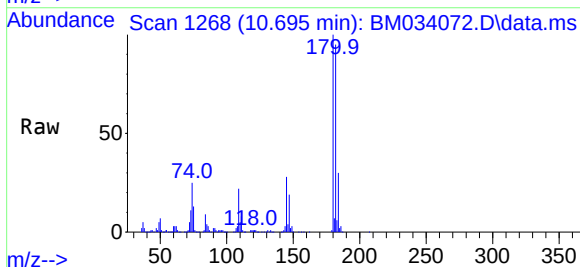
Tgt Ion:180 Resp: 577681

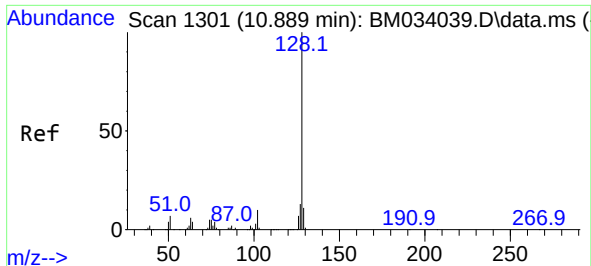
Ion Ratio Lower Upper

180 100

182 95.2 77.8 116.8

145 28.3 26.0 39.0

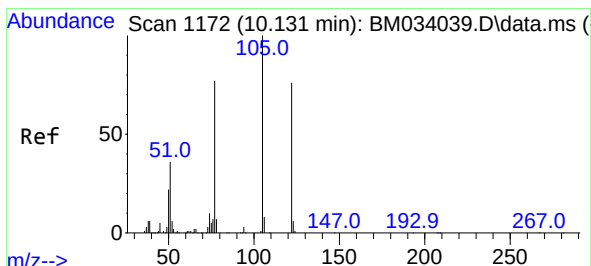
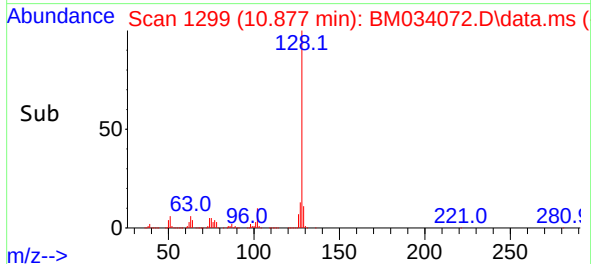
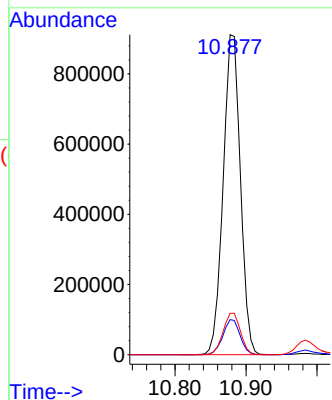
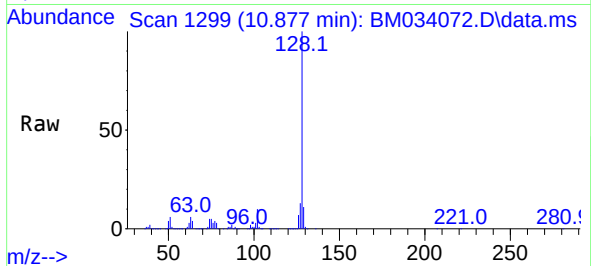




#31
Naphthalene
Concen: 50.871 ng
RT: 10.877 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

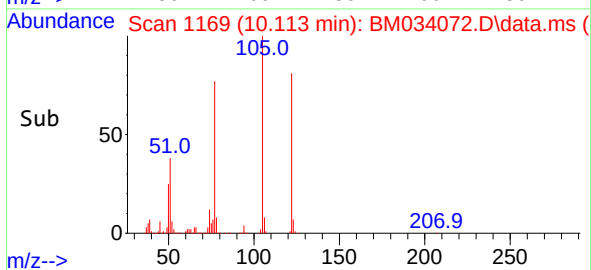
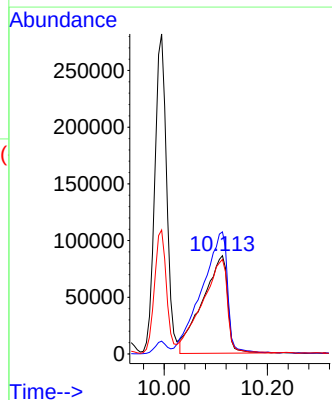
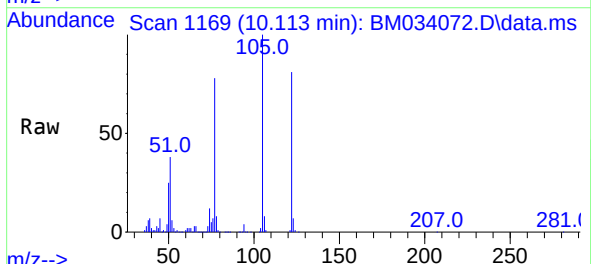
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

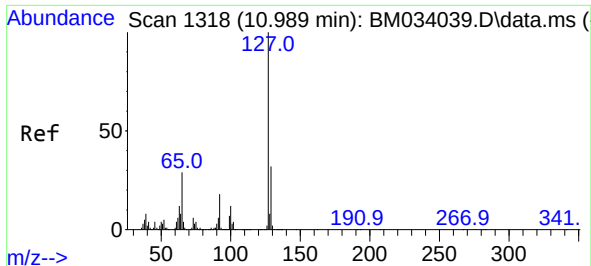
Tgt Ion:128 Resp: 1530446
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 50.059 ng
RT: 10.113 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:122 Resp: 291533
Ion Ratio Lower Upper
122 100
105 124.1 119.6 159.6
77 96.2 101.0 141.0#

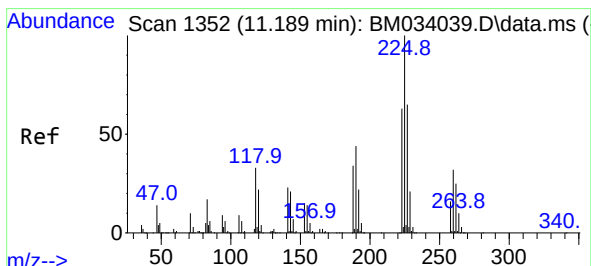
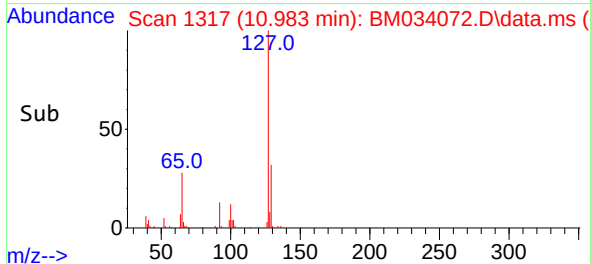
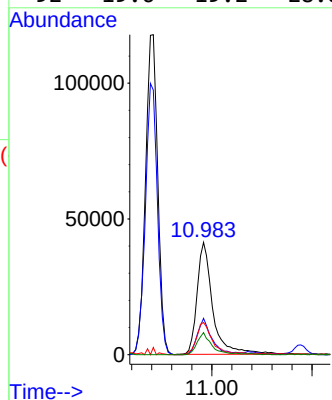
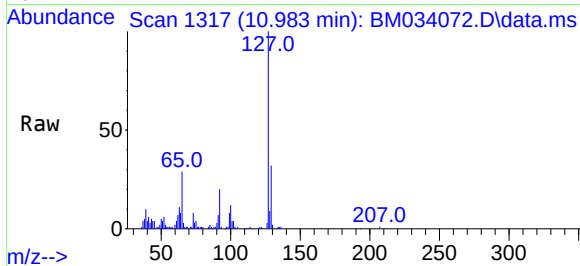




#33
4-Chloroaniline
Concen: 7.268 ng
RT: 10.983 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

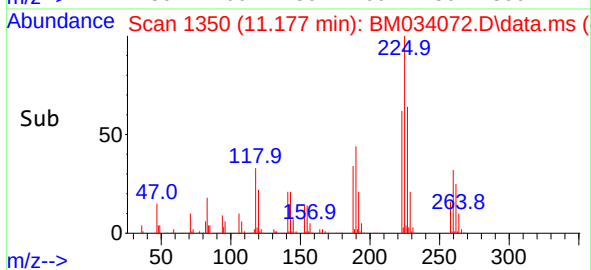
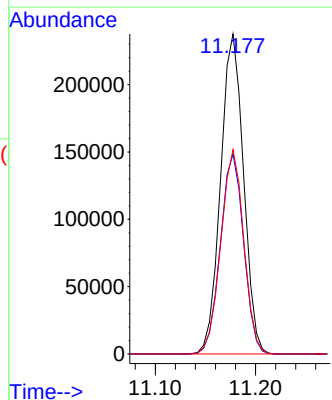
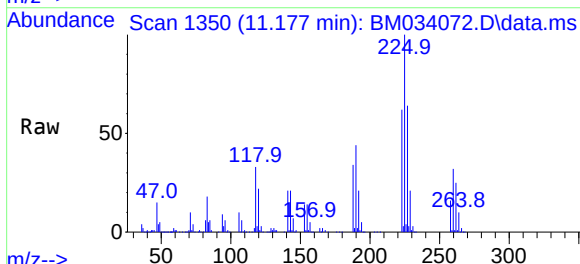
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

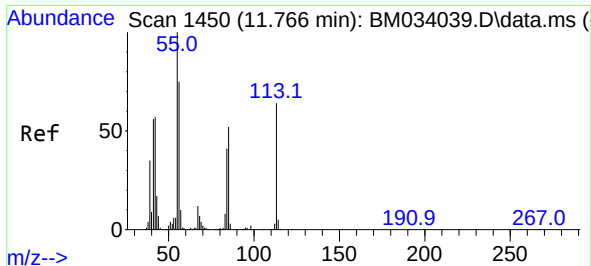
Tgt Ion:127	Resp:	89534
Ion	Ratio	Lower Upper
127	100	
129	32.3	26.2 39.4
65	28.6	33.0 49.6#
92	19.6	19.2 28.8



#34
Hexachlorobutadiene
Concen: 53.122 ng
RT: 11.177 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:225	Resp:	376740
Ion	Ratio	Lower Upper
225	100	
223	62.4	52.5 78.7
227	63.8	52.7 79.1

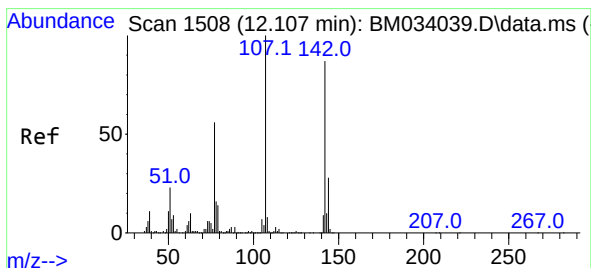
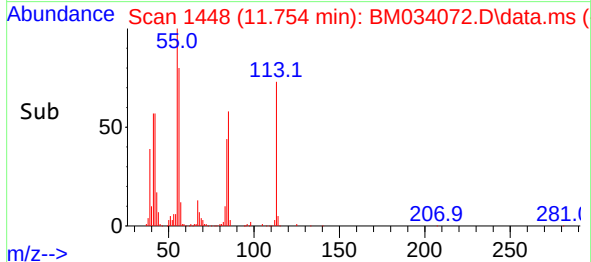
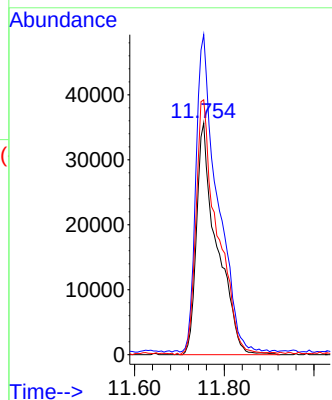
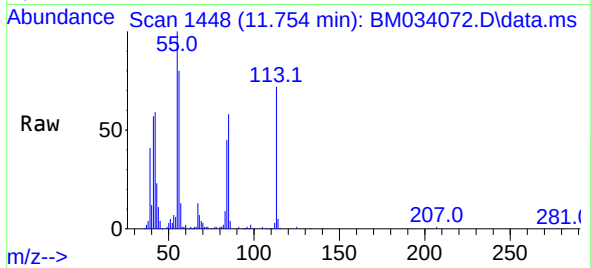




#35
Caprolactam
Concen: 58.381 ng
RT: 11.754 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

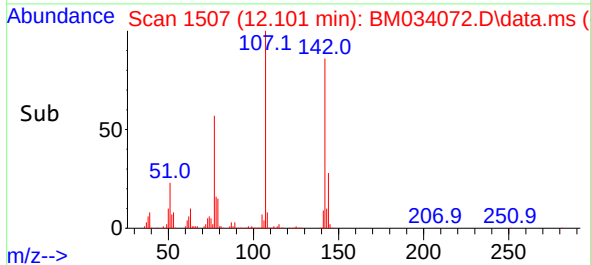
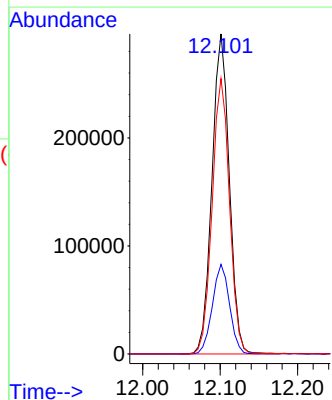
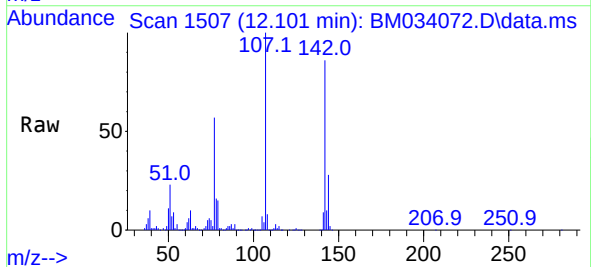
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

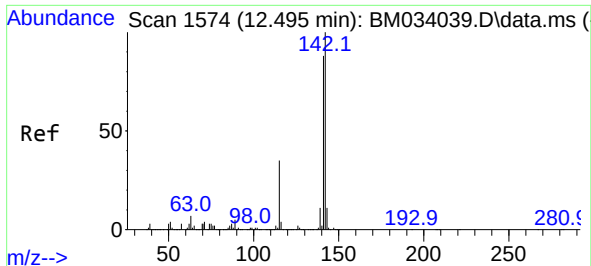
Tgt Ion:113 Resp: 111894
Ion Ratio Lower Upper
113 100
55 138.1 183.6 223.6#
56 110.0 143.7 183.7#



#36
4-Chloro-3-methylphenol
Concen: 49.183 ng
RT: 12.101 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:107 Resp: 460450
Ion Ratio Lower Upper
107 100
144 28.0 18.6 27.8#
142 86.1 56.9 85.3#





#37

2-Methylnaphthalene

Concen: 50.972 ng

RT: 12.483 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

Instrument :

BNA_M

ClientSampleId :

SW-SURFICIAL-SOIL-(SW-SS)MS

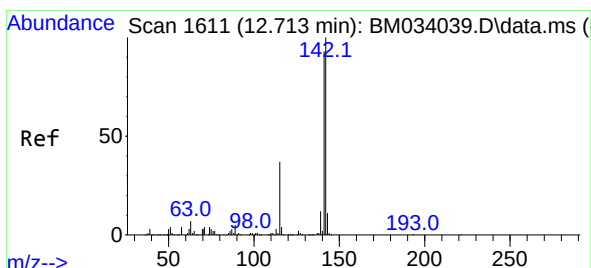
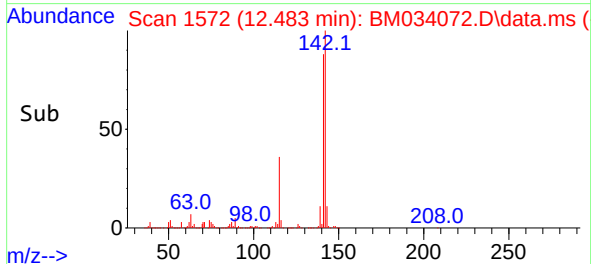
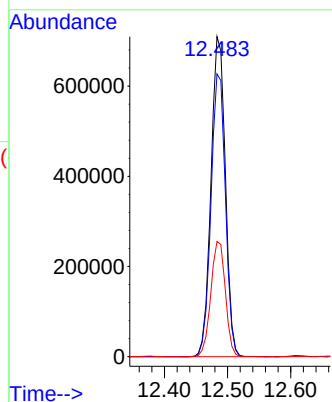
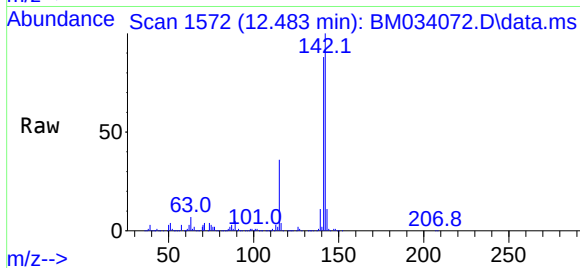
Tgt Ion:142 Resp: 1118799

Ion Ratio Lower Upper

142 100

141 88.4 72.2 108.2

115 36.0 33.0 49.6



#38

1-Methylnaphthalene

Concen: 48.903 ng

RT: 12.701 min Scan# 1609

Delta R.T. -0.012 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

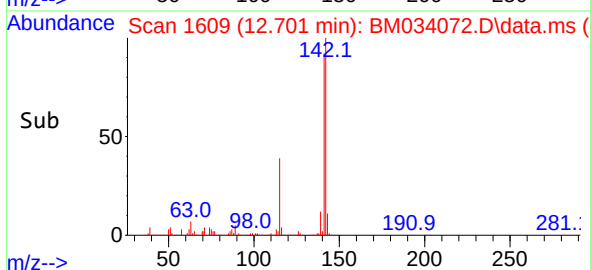
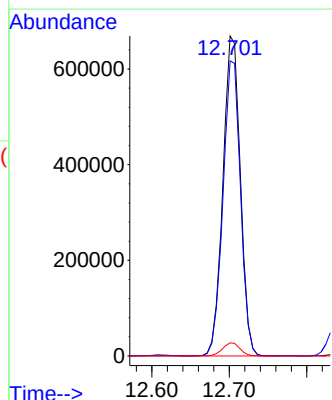
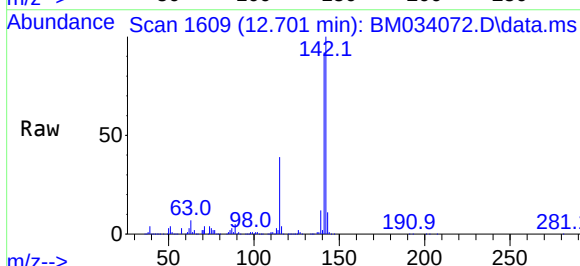
Tgt Ion:142 Resp: 1046571

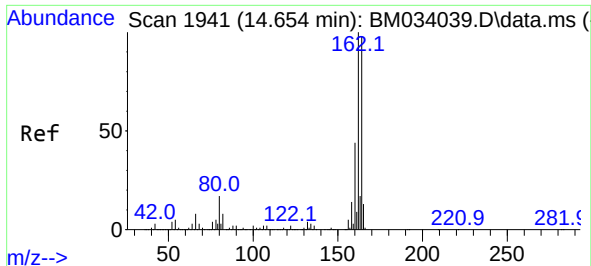
Ion Ratio Lower Upper

142 100

141 92.2 75.0 112.4

116 4.1 3.5 5.3

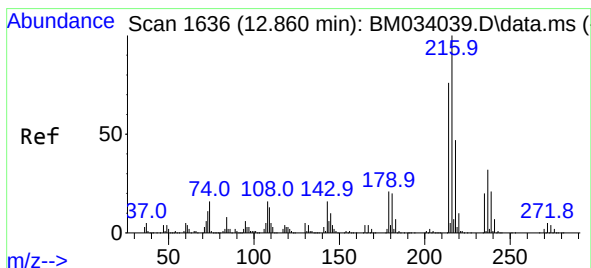
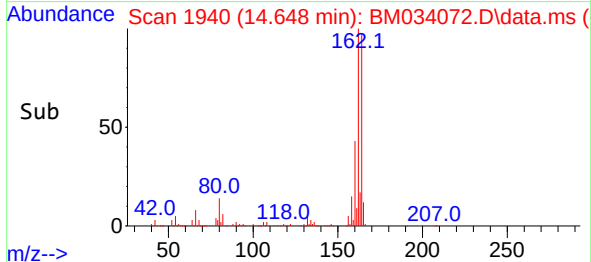
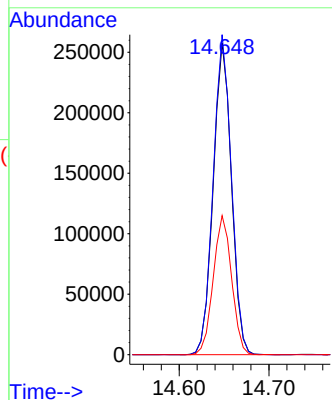
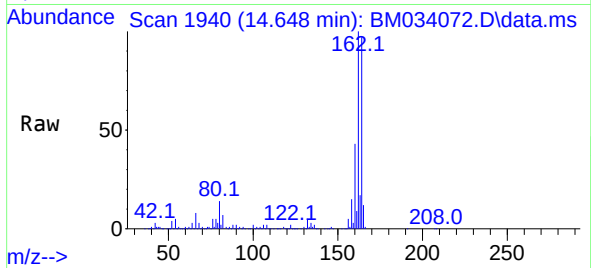




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

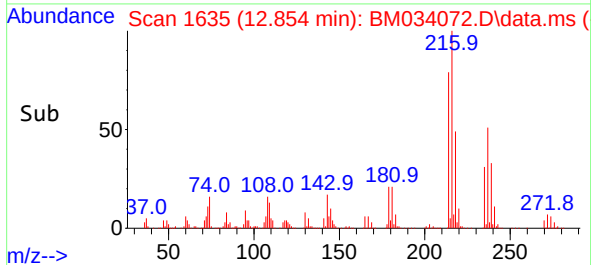
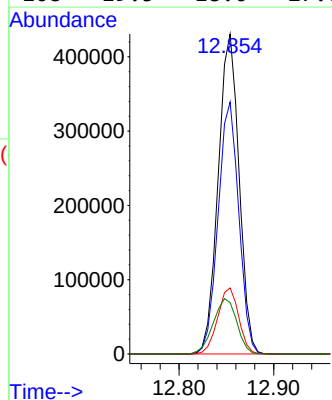
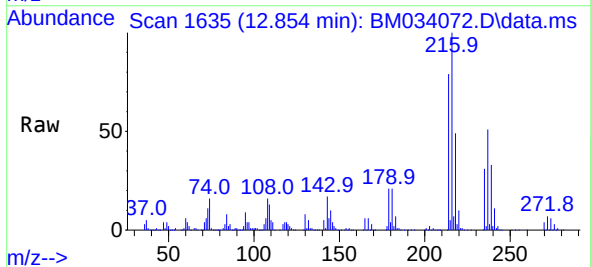
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

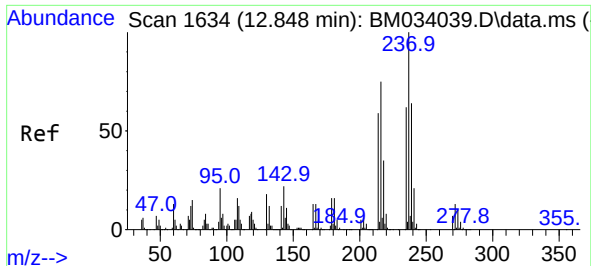
Tgt Ion:164 Resp: 363613
Ion Ratio Lower Upper
164 100
162 102.7 79.7 119.5
160 44.6 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.735 ng
RT: 12.854 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:216 Resp: 659541
Ion Ratio Lower Upper
216 100
214 78.1 62.6 93.8
179 20.8 18.2 27.2
108 19.5 18.0 27.0

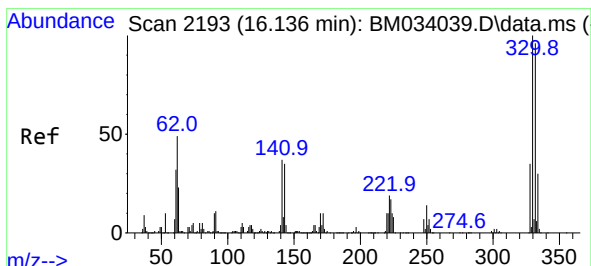
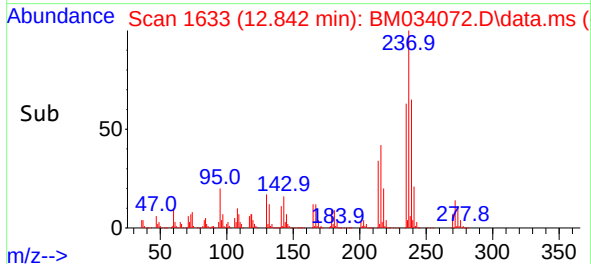
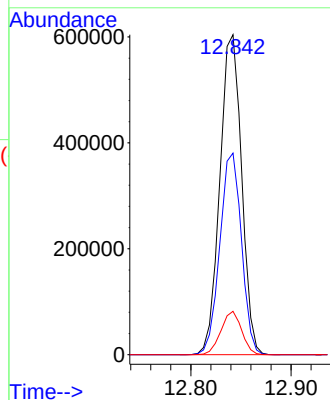
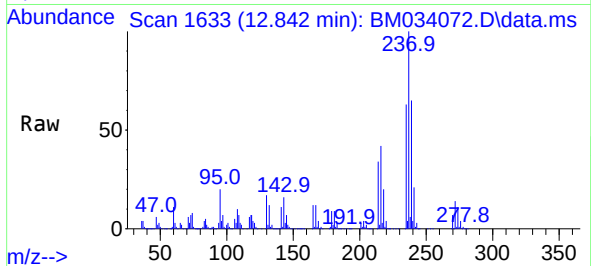




#41
Hexachlorocyclopentadiene
Concen: 133.824 ng
RT: 12.842 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

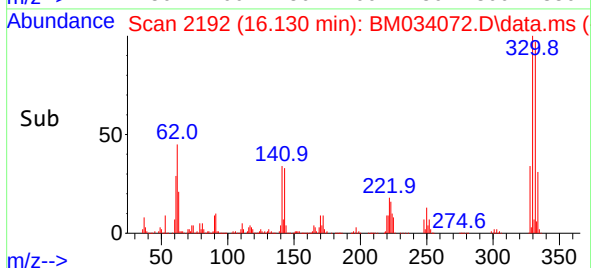
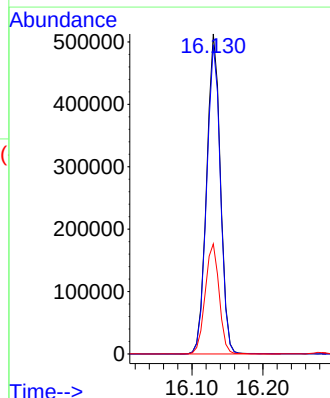
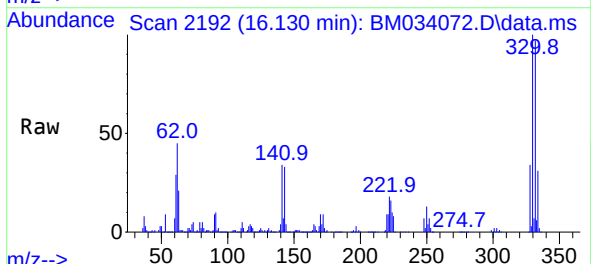
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

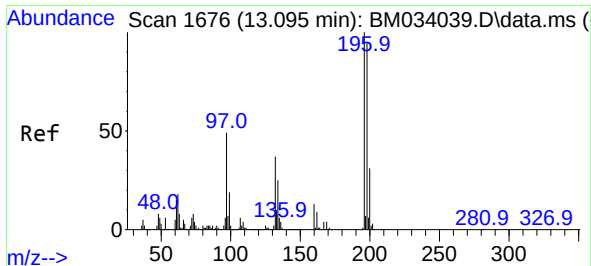
Tgt Ion:237 Resp: 908776
Ion Ratio Lower Upper
237 100
235 63.0 41.7 81.7
272 13.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 156.967 ng
RT: 16.130 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:330 Resp: 692709
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 34.9 35.9 53.9#

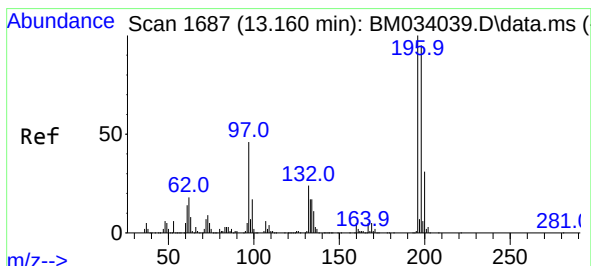
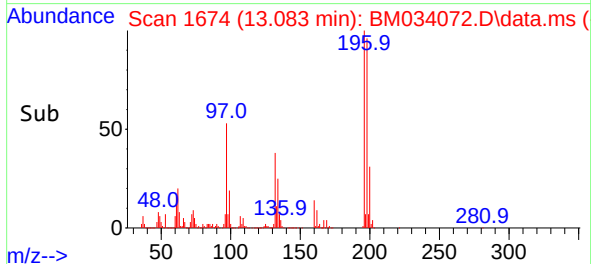
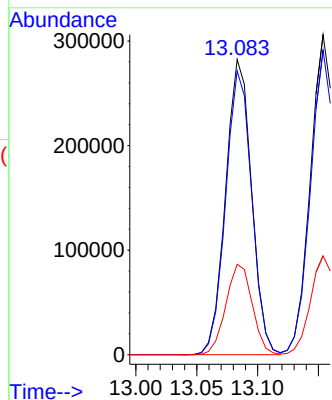
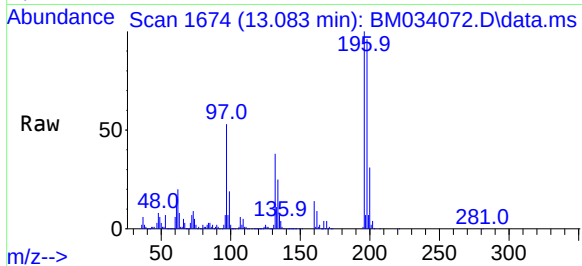




#43
2,4,6-Trichlorophenol
Concen: 57.181 ng
RT: 13.083 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

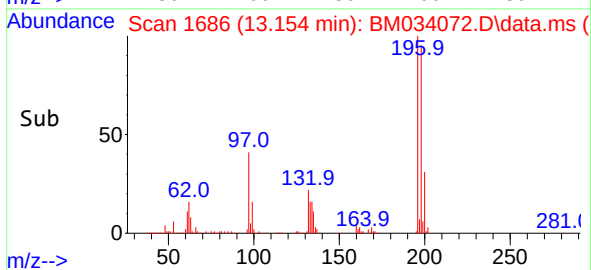
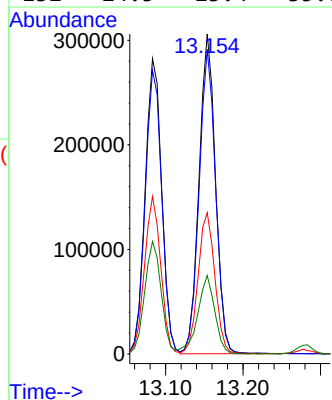
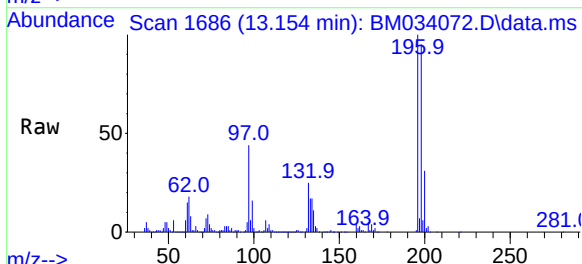
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

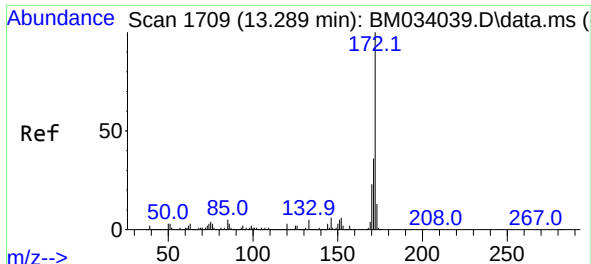
Tgt Ion:196 Resp: 420352
Ion Ratio Lower Upper
196 100
198 96.1 75.1 112.7
200 30.6 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 60.296 ng
RT: 13.154 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:196 Resp: 450289
Ion Ratio Lower Upper
196 100
198 95.1 77.8 116.6
97 44.1 49.7 74.5#
132 24.5 23.4 35.0

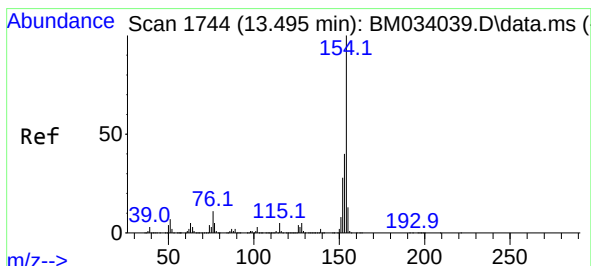
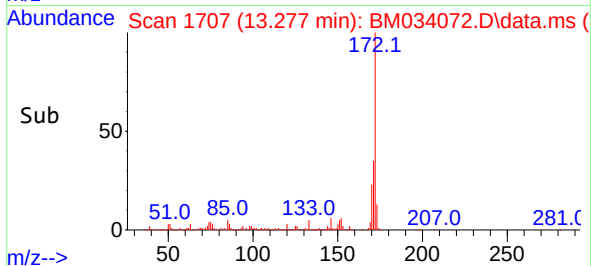
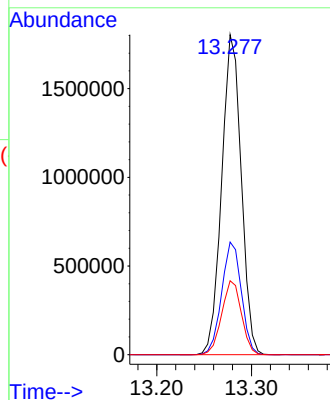
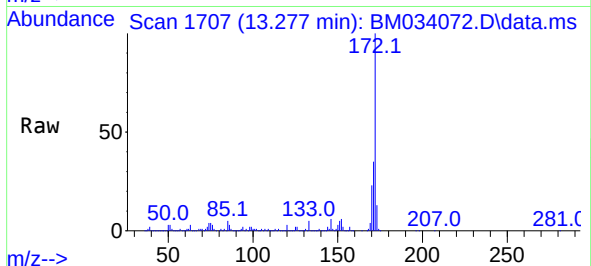




#45
2-Fluorobiphenyl
Concen: 94.800 ng
RT: 13.277 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

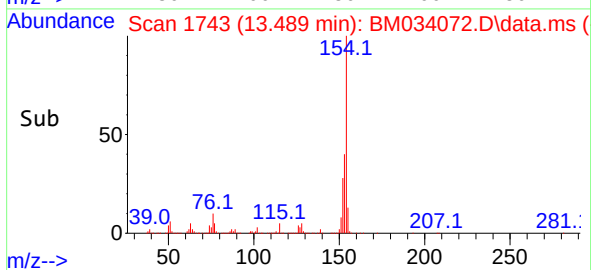
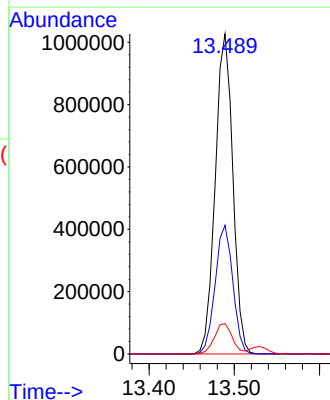
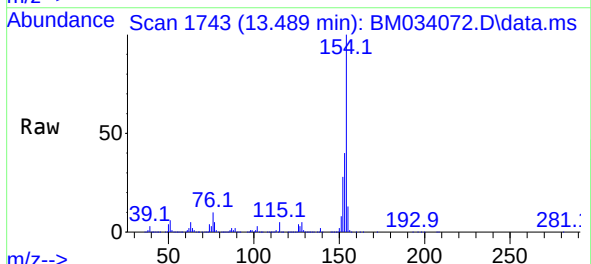
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

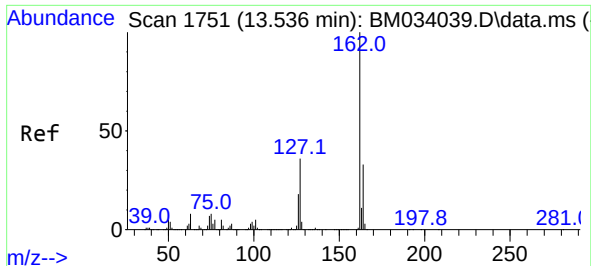
Tgt Ion:172 Resp: 2587307
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 52.973 ng
RT: 13.489 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:154 Resp: 1471664
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 9.5 0.0 34.4

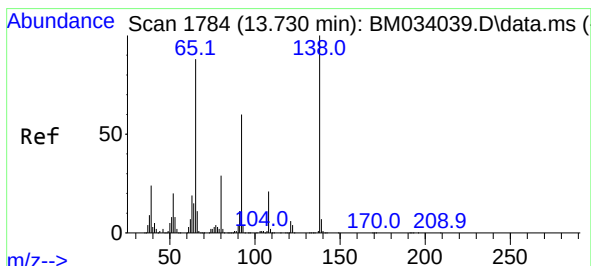
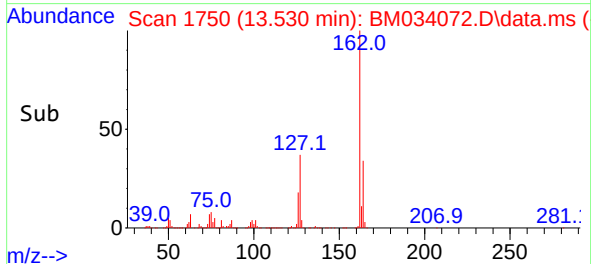
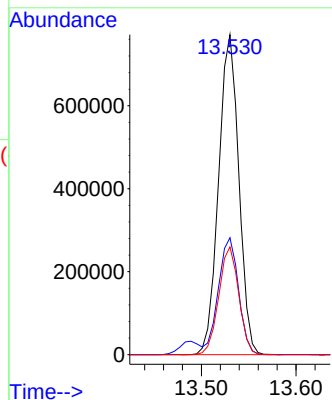
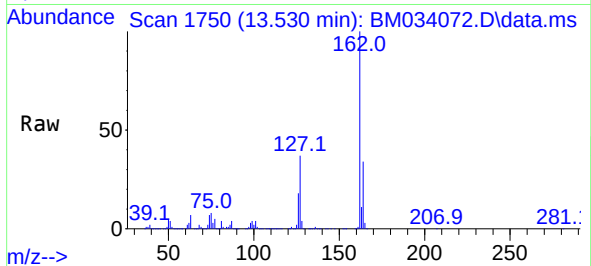




#47
2-Chloronaphthalene
Concen: 52.837 ng
RT: 13.530 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

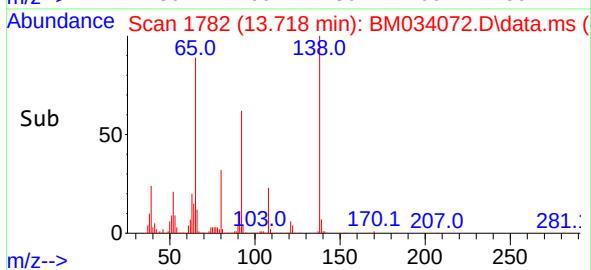
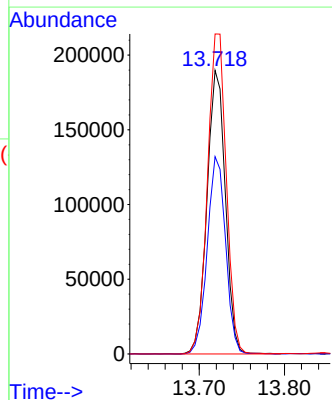
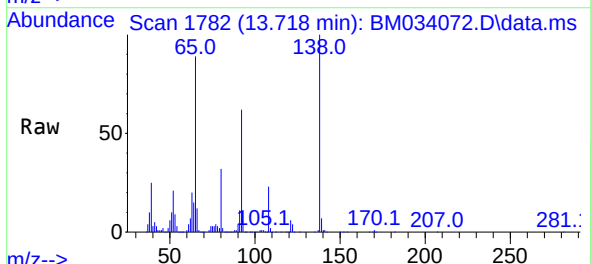
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

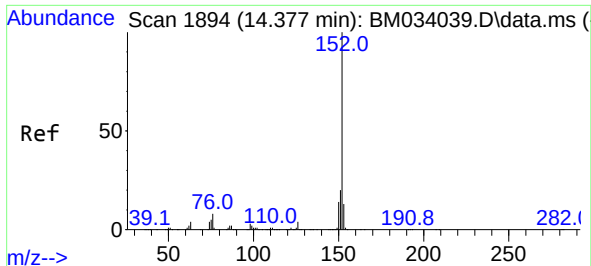
Tgt Ion:162 Resp: 1146193
Ion Ratio Lower Upper
162 100
127 36.5 33.8 50.6
164 33.7 26.2 39.4



#48
2-Nitroaniline
Concen: 55.196 ng
RT: 13.718 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion: 65 Resp: 284358
Ion Ratio Lower Upper
65 100
92 69.6 50.0 75.0
138 112.9 65.7 98.5#

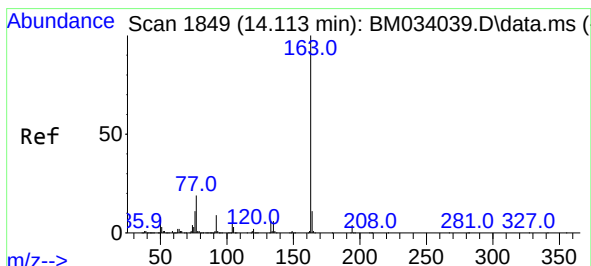
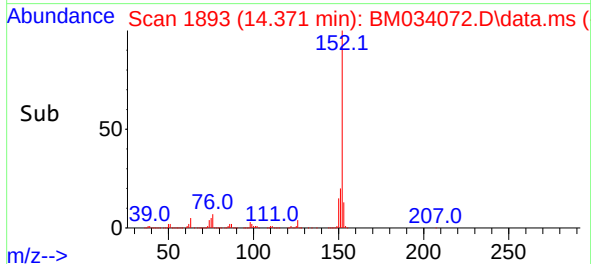
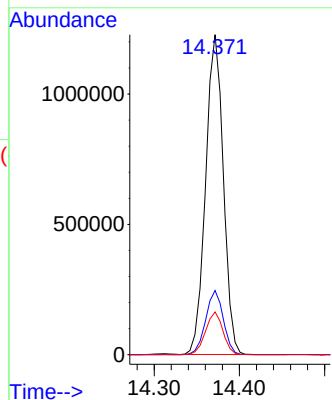
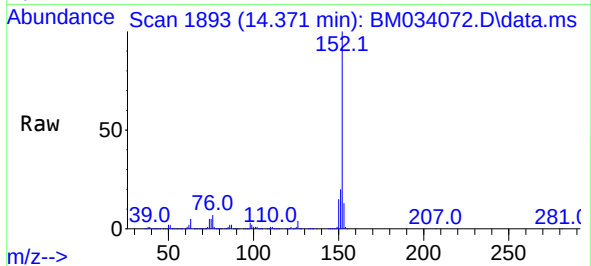




#49
Acenaphthylene
Concen: 54.542 ng
RT: 14.371 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

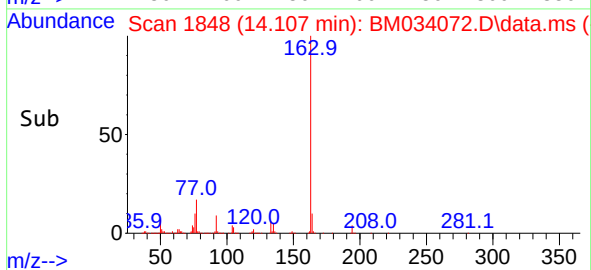
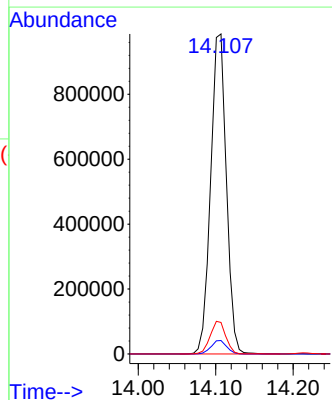
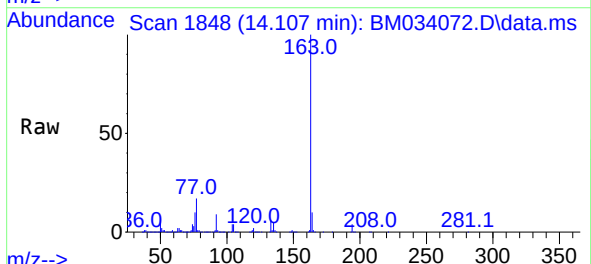
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

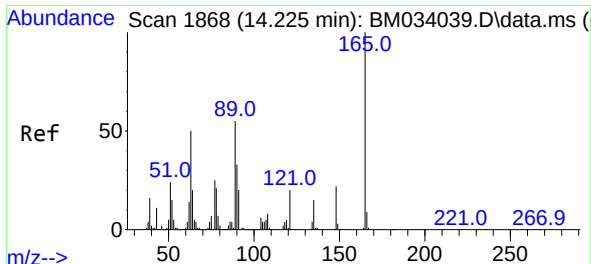
Tgt Ion:152 Resp: 1773190
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.2
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 51.487 ng
RT: 14.107 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:163 Resp: 1387965
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.9 8.6 12.8

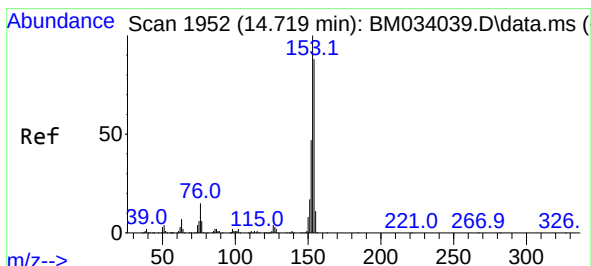
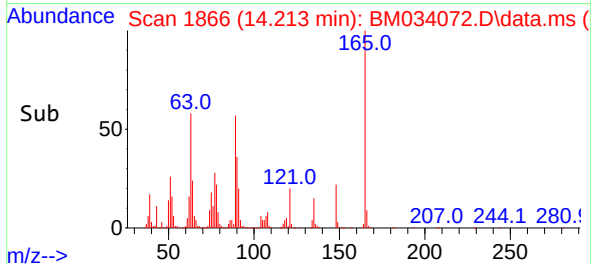
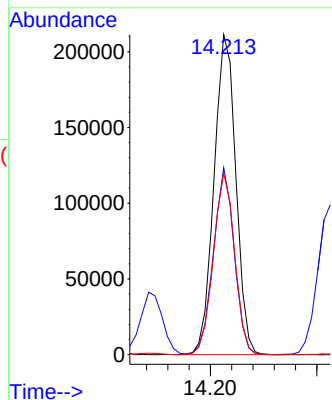
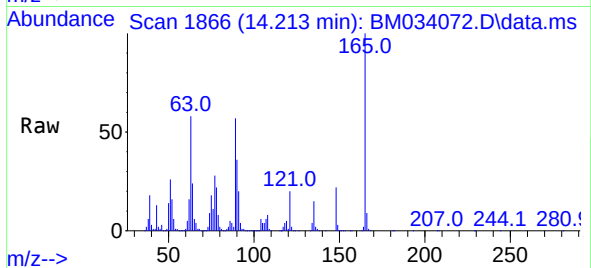




#51
2,6-Dinitrotoluene
Concen: 56.312 ng
RT: 14.213 min Scan# 1866
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

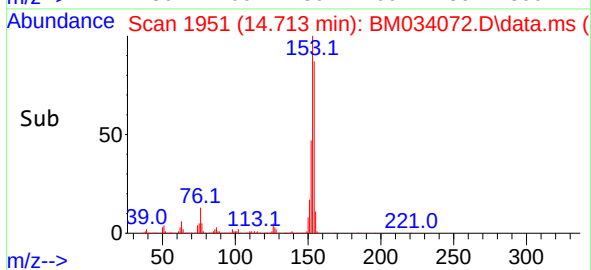
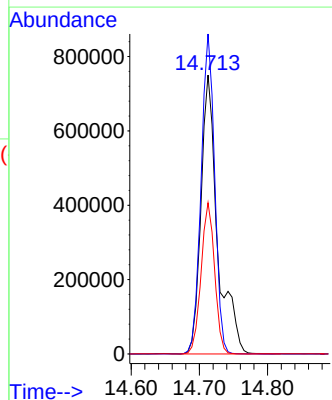
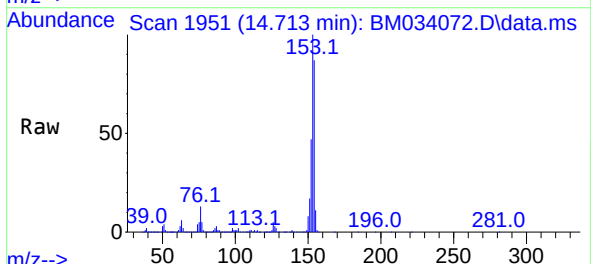
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

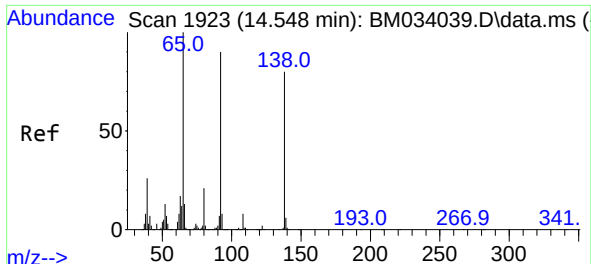
Tgt Ion:	165	Resp:	300384
Ion	Ratio	Lower	Upper
165	100		
63	58.4	56.9	85.3
89	56.6	54.3	81.5



#52
Acenaphthene
Concen: 59.127 ng
RT: 14.713 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:	154	Resp:	1270163
Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.2	135.4
152	54.2	43.5	65.3

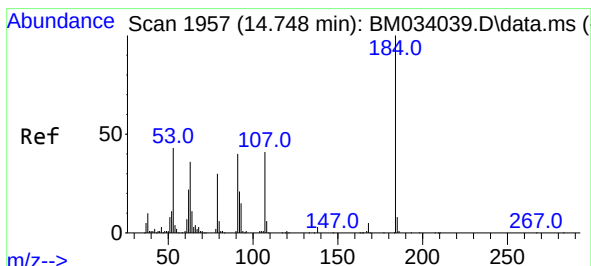
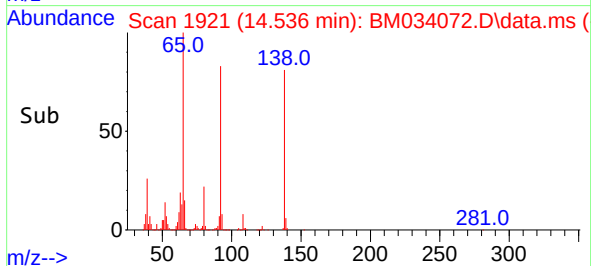
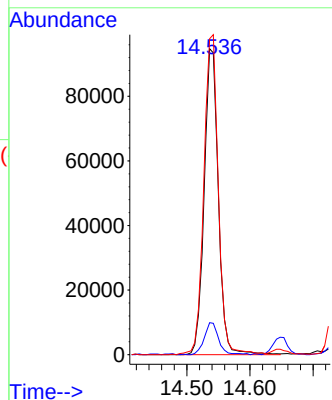
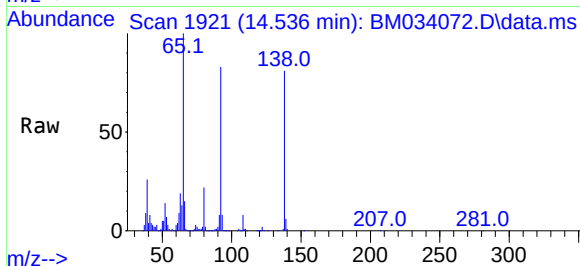




#53
3-Nitroaniline
Concen: 27.752 ng
RT: 14.536 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

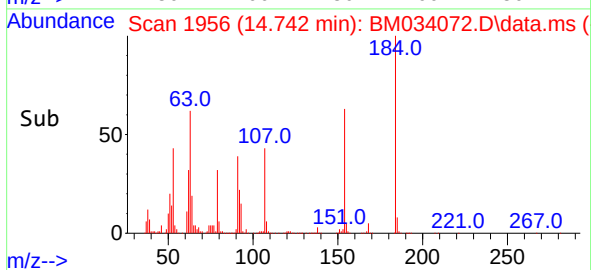
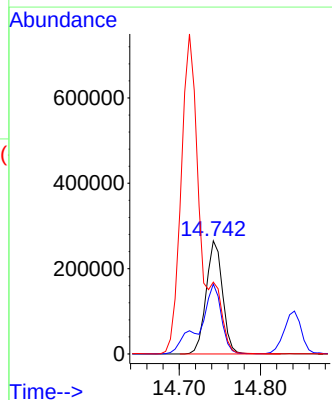
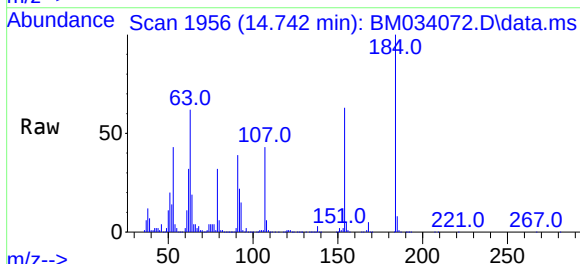
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

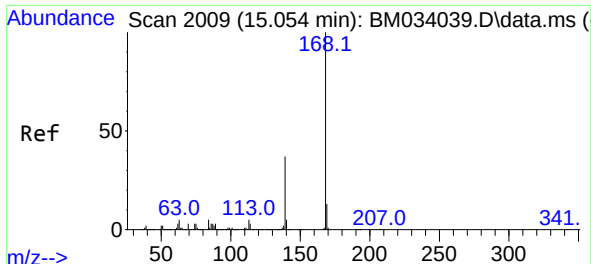
Tgt Ion:138 Resp: 148071
Ion Ratio Lower Upper
138 100
108 10.5 9.5 14.3
92 103.3 106.6 159.8#



#54
2,4-Dinitrophenol
Concen: 122.702 ng
RT: 14.742 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:184 Resp: 371510
Ion Ratio Lower Upper
184 100
63 61.8 71.8 107.6#
154 63.4 55.7 83.5

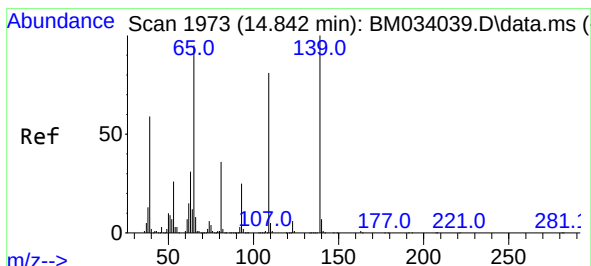
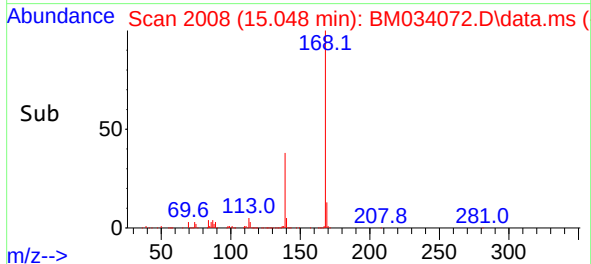
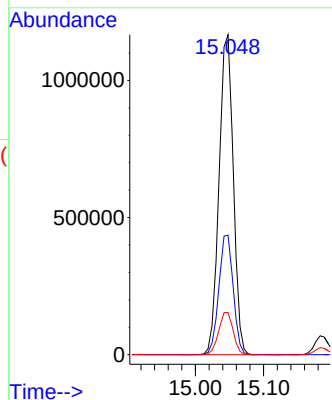
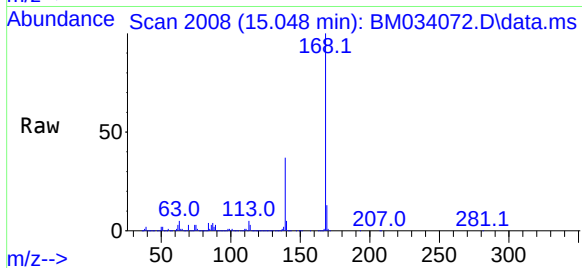




#55
Dibenzenofuran
Concen: 50.581 ng
RT: 15.048 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

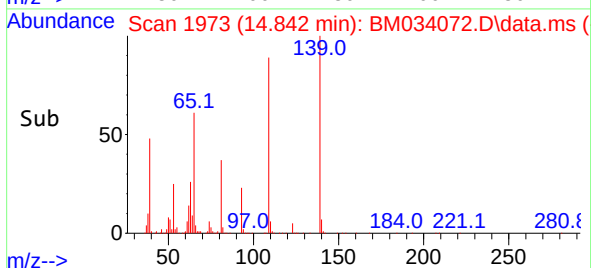
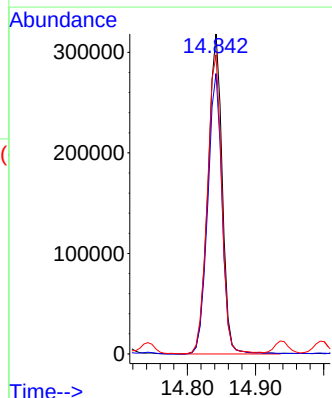
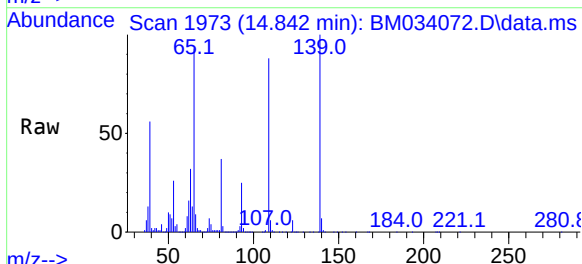
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

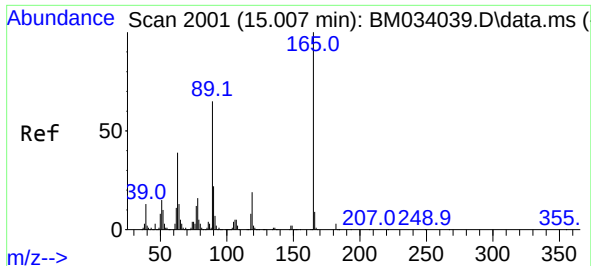
Tgt Ion:168 Resp: 1697263
Ion Ratio Lower Upper
168 100
139 37.4 31.4 47.2
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 107.229 ng
RT: 14.842 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:139 Resp: 462436
Ion Ratio Lower Upper
139 100
109 87.6 75.3 115.3
65 93.5 107.4 147.4#





#57

2,4-Dinitrotoluene

Concen: 59.366 ng

RT: 14.995 min Scan# 1999

Delta R.T. -0.012 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

Instrument :

BNA_M

ClientSampleId :

SW-SURFICIAL-SOIL-(SW-SS)MS

Tgt Ion:165 Resp: 411805

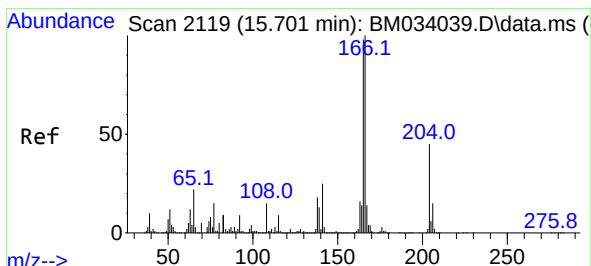
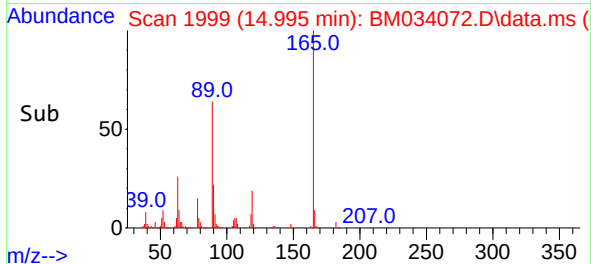
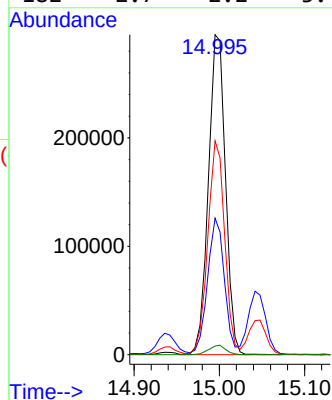
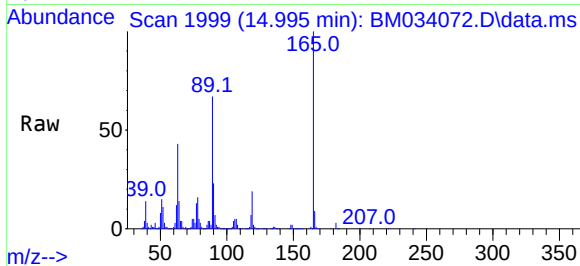
Ion Ratio Lower Upper

165 100

63 42.6 46.2 69.4#

89 66.8 72.0 108.0#

182 2.7 2.2 3.4



#58

Fluorene

Concen: 52.240 ng

RT: 15.695 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

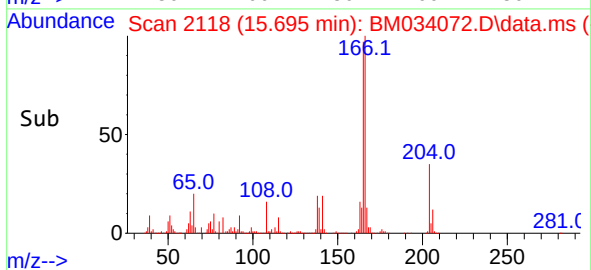
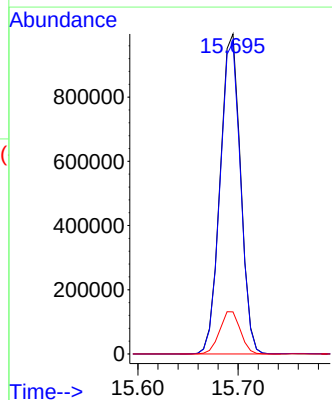
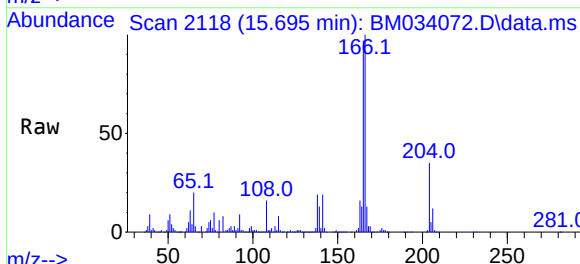
Tgt Ion:166 Resp: 1409141

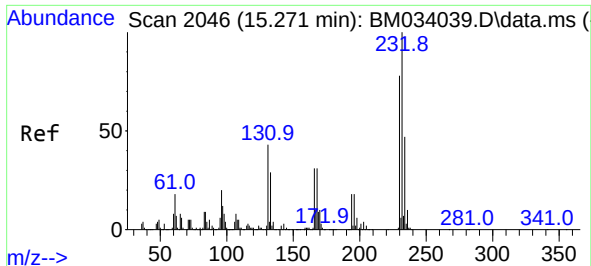
Ion Ratio Lower Upper

166 100

165 97.4 78.1 117.1

167 13.2 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.316 ng

RT: 15.265 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

Instrument :

BNA_M

ClientSampleId :

SW-SURFICIAL-SOIL-(SW-SS)MS

Tgt Ion:232 Resp: 390010

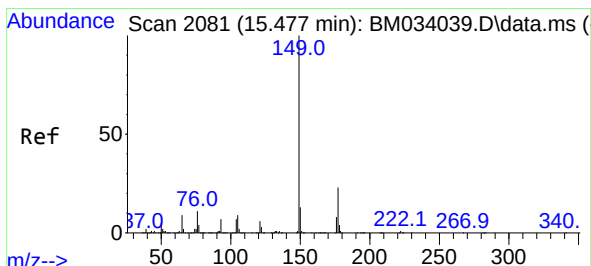
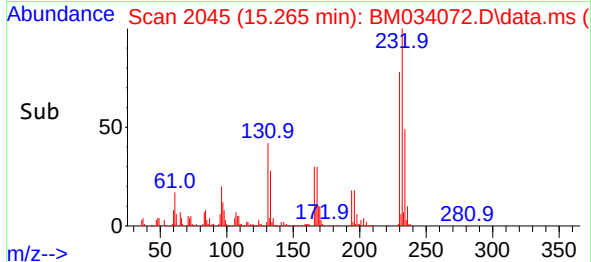
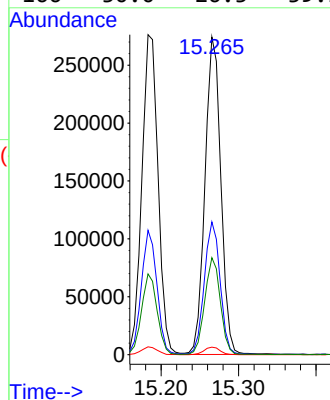
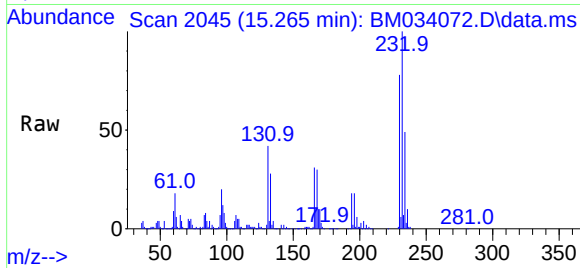
Ion Ratio Lower Upper

232 100

131 41.6 41.4 62.0

130 2.3 2.4 3.6#

166 30.0 26.3 39.5



#60

Diethylphthalate

Concen: 51.393 ng

RT: 15.465 min Scan# 2079

Delta R.T. -0.012 min

Lab File: BM034072.D

Acq: 24 Feb 2022 18:04

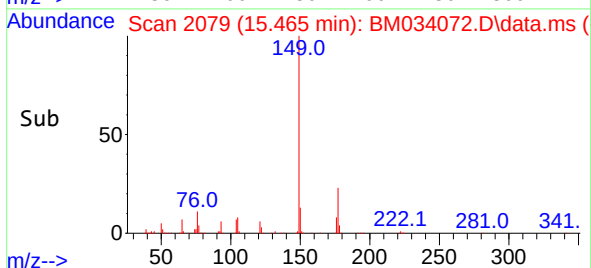
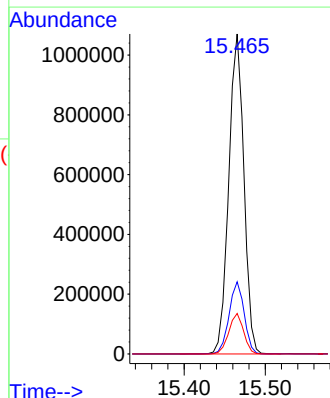
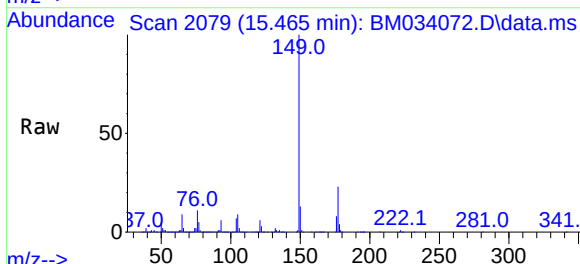
Tgt Ion:149 Resp: 1385369

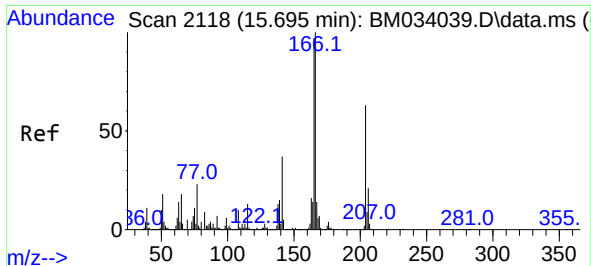
Ion Ratio Lower Upper

149 100

177 22.5 17.5 26.3

150 12.7 10.3 15.5

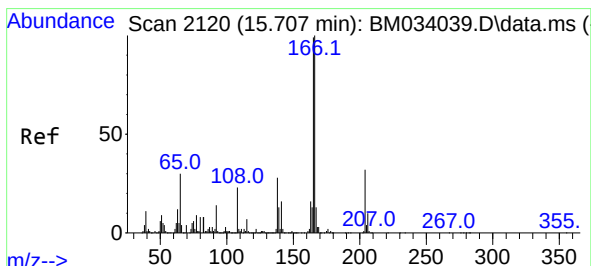
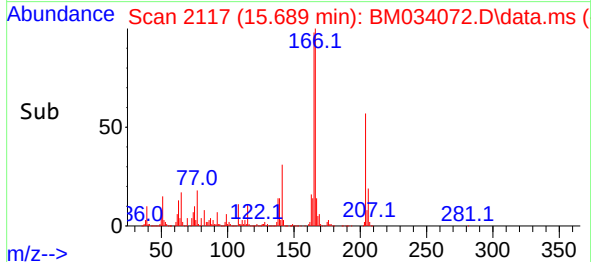
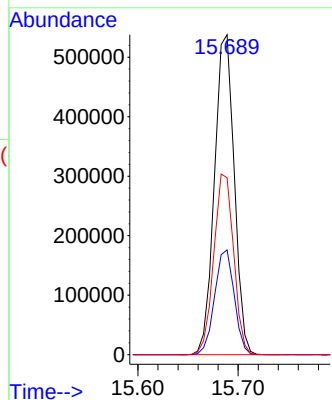
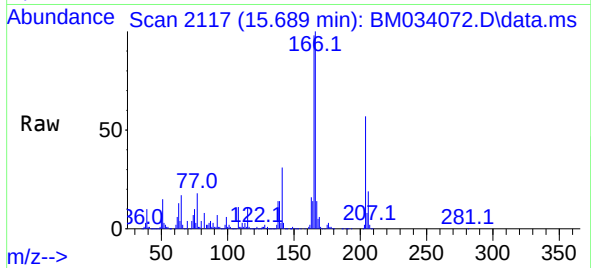




#61
4-Chlorophenyl-phenylether
Concen: 51.063 ng
RT: 15.689 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

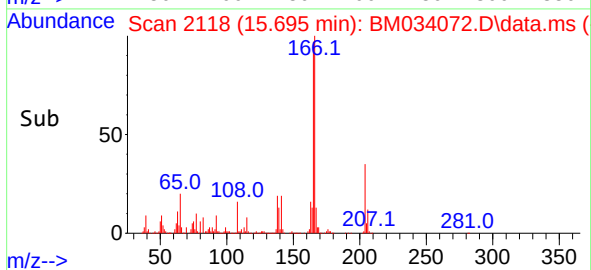
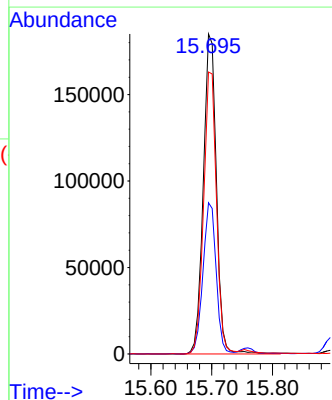
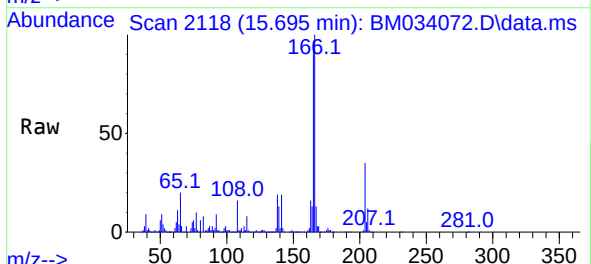
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

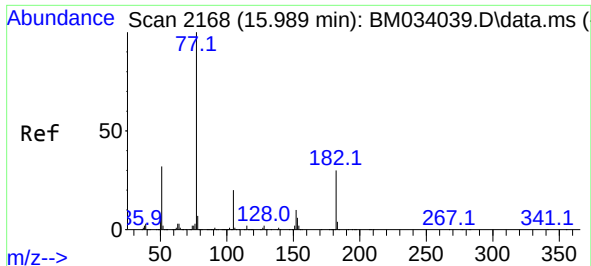
Tgt Ion:204 Resp: 737605
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.2
141 55.3 50.6 76.0



#62
4-Nitroaniline
Concen: 49.871 ng
RT: 15.695 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:138 Resp: 276142
Ion Ratio Lower Upper
138 100
92 47.3 38.7 78.7
108 88.1 81.9 121.9

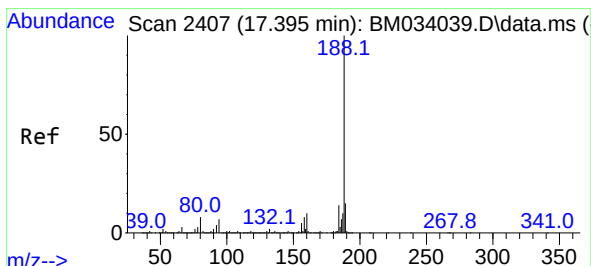
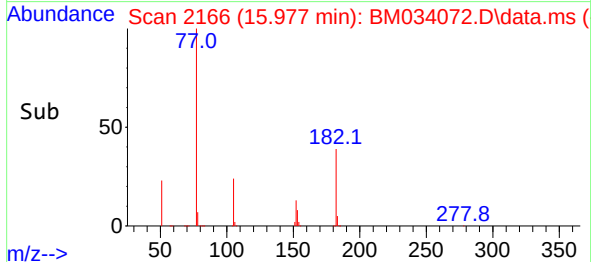
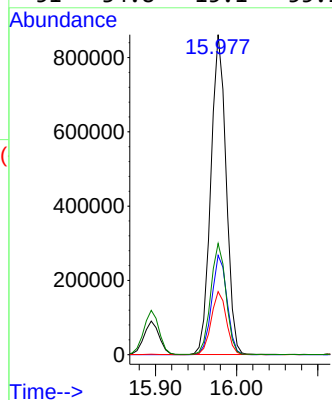
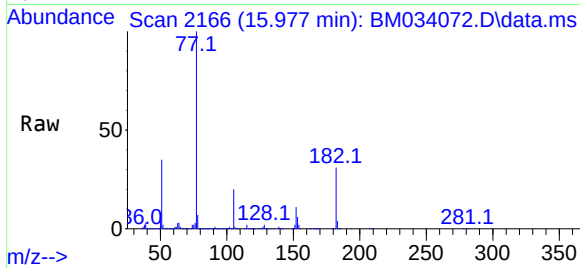




#63
Azobenzene
Concen: 47.958 ng
RT: 15.977 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

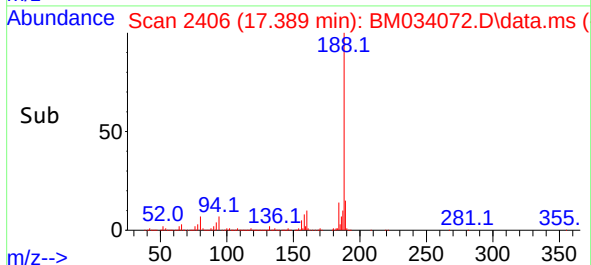
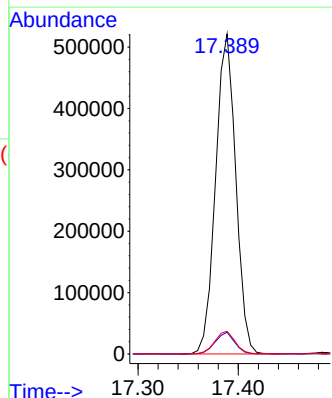
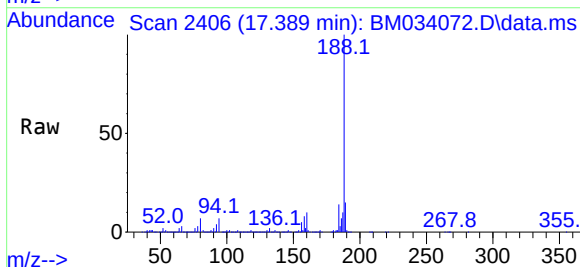
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

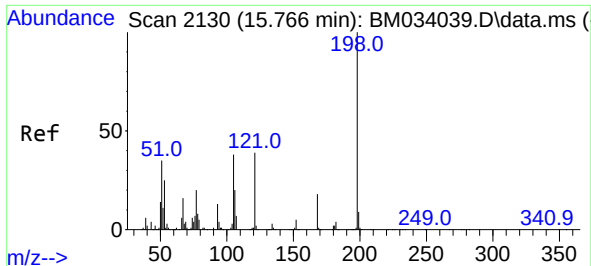
Tgt Ion: 77 Resp: 1123006
Ion Ratio Lower Upper
77 100
182 31.0 0.3 40.3
105 19.7 0.0 38.3
51 34.8 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:188 Resp: 726646
Ion Ratio Lower Upper
188 100
94 6.8 7.5 11.3#
80 7.1 8.9 13.3#

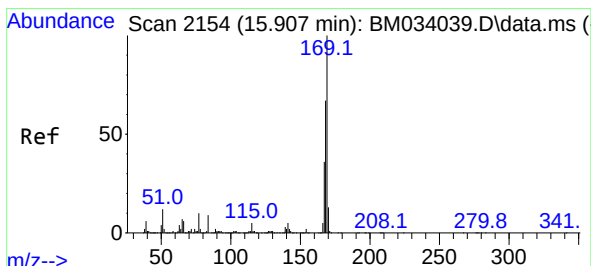
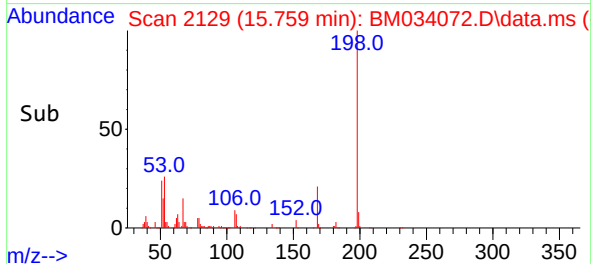
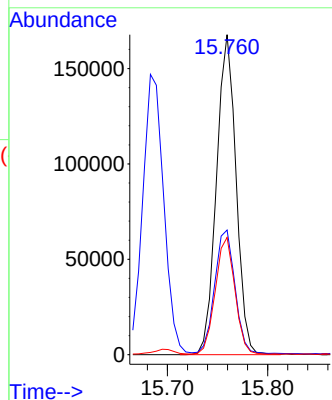
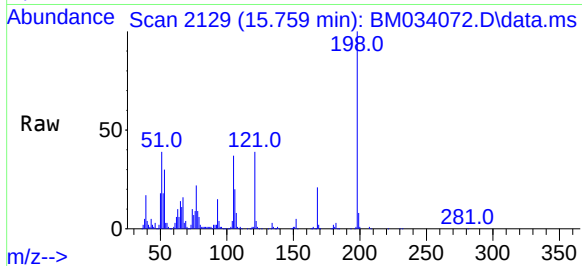




#65
4,6-Dinitro-2-methylphenol
Concen: 53.345 ng
RT: 15.759 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

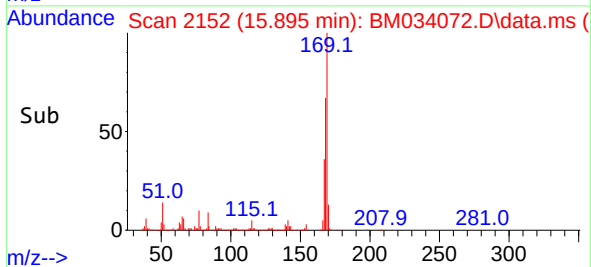
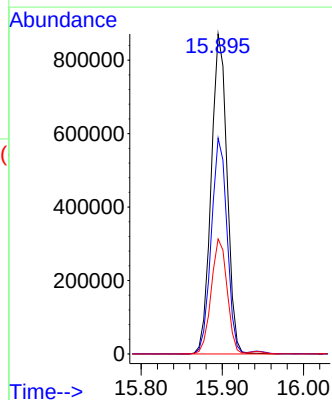
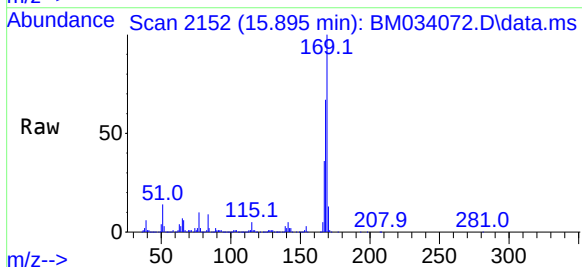
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

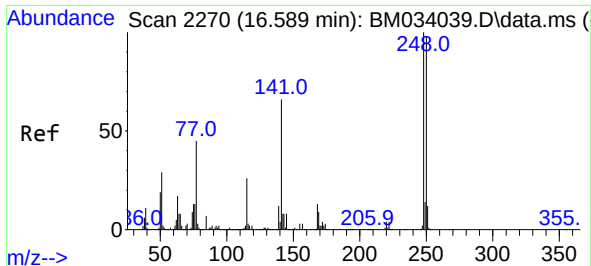
Tgt Ion:198 Resp: 227205
Ion Ratio Lower Upper
198 100
51 39.0 47.9 87.9#
105 36.6 32.6 72.6



#66
n-Nitrosodiphenylamine
Concen: 51.901 ng
RT: 15.895 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:169 Resp: 1180718
Ion Ratio Lower Upper
169 100
168 67.5 52.5 78.7
167 36.0 28.4 42.6

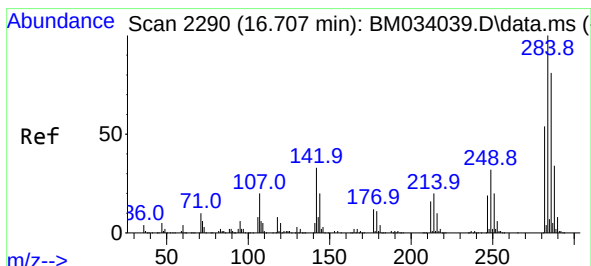
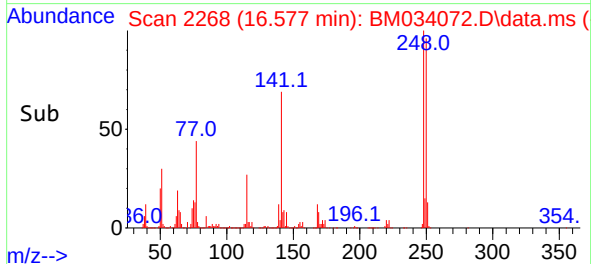
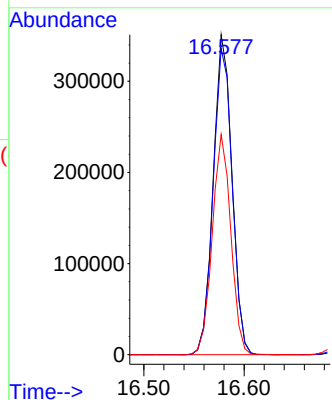
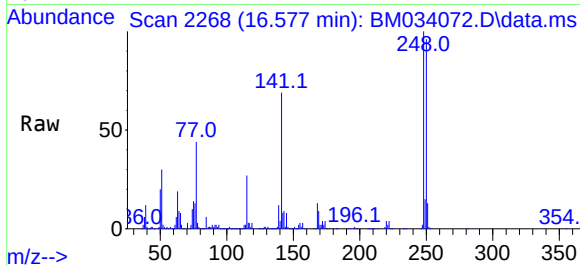




#67
4-Bromophenyl-phenylether
Concen: 55.462 ng
RT: 16.577 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

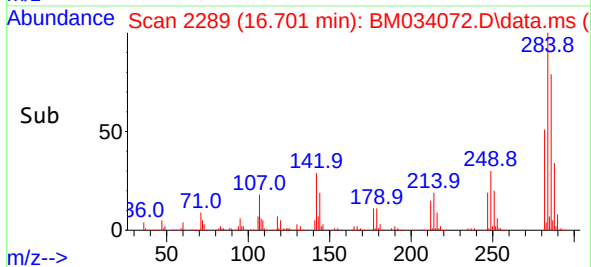
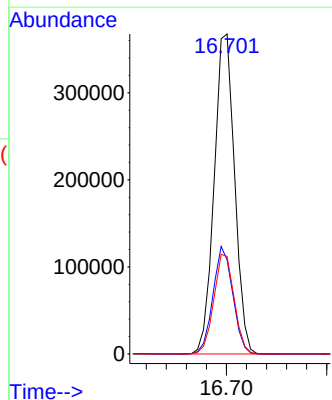
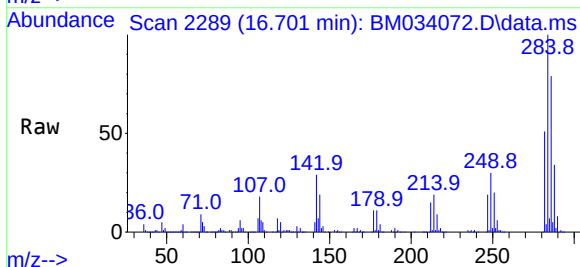
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

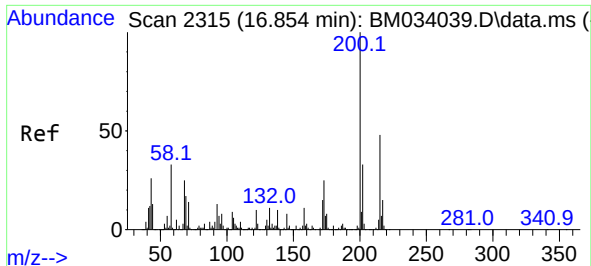
Tgt Ion:248 Resp: 455268
Ion Ratio Lower Upper
248 100
250 95.7 78.2 117.2
141 68.8 65.4 98.2



#68
Hexachlorobenzene
Concen: 55.063 ng
RT: 16.701 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:284 Resp: 520788
Ion Ratio Lower Upper
284 100
142 29.4 33.1 49.7#
249 30.4 27.3 40.9

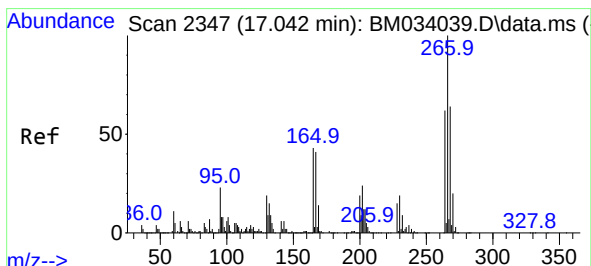
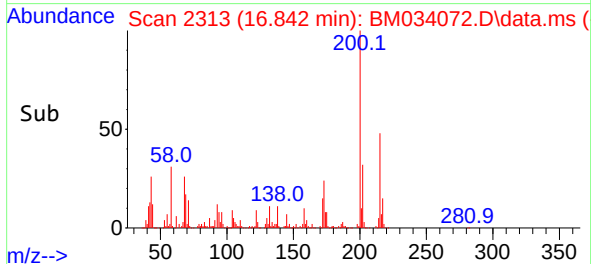
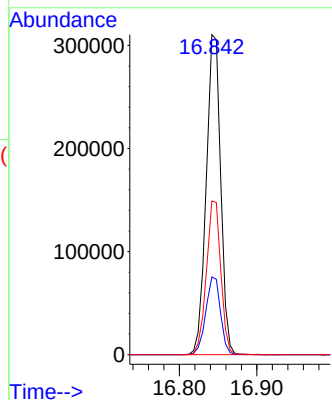
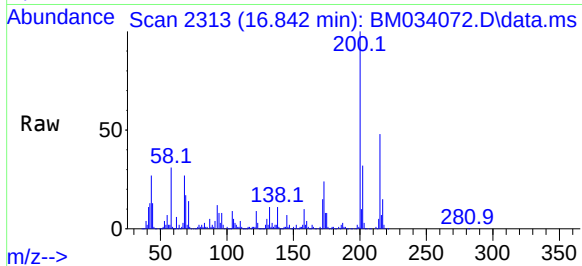




#69
Atrazine
Concen: 53.448 ng
RT: 16.842 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

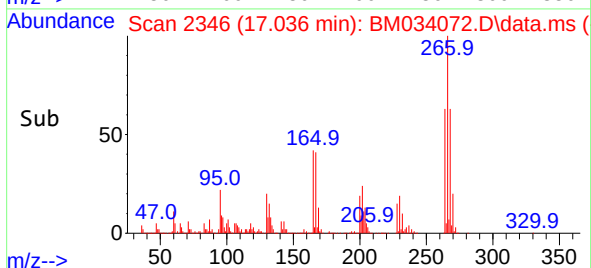
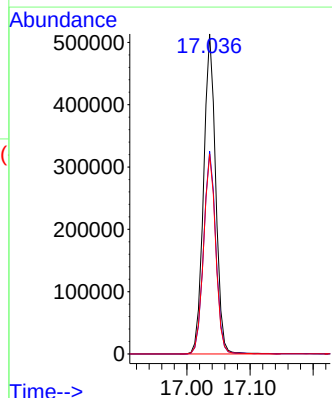
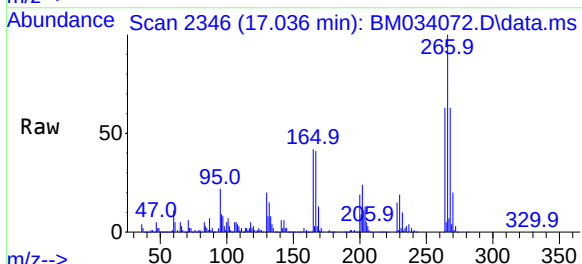
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

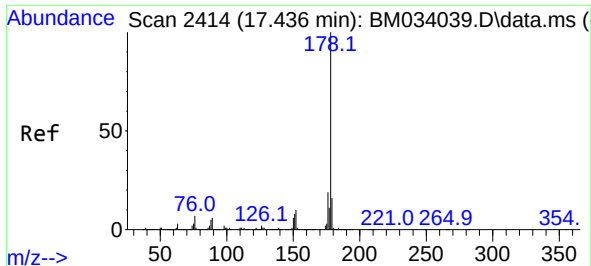
Tgt Ion:200 Resp: 402210
Ion Ratio Lower Upper
200 100
173 24.3 7.3 47.3
215 48.0 25.7 65.7



#70
Pentachlorophenol
Concen: 119.316 ng
RT: 17.036 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:266 Resp: 681755
Ion Ratio Lower Upper
266 100
268 63.3 50.1 75.1
264 62.5 49.1 73.7

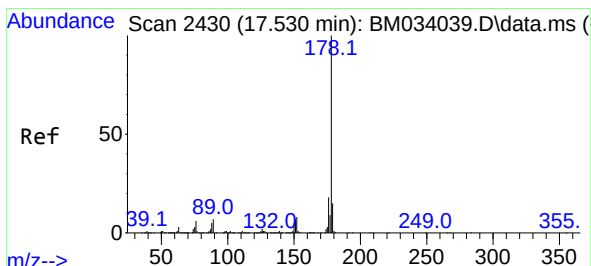
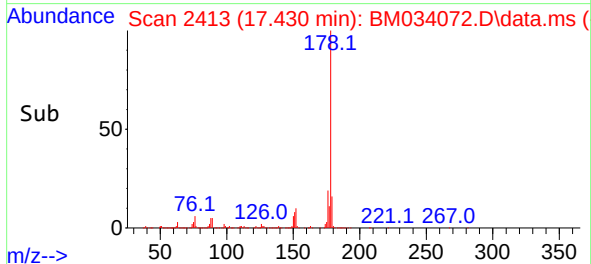
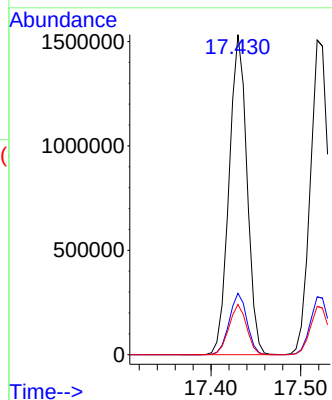
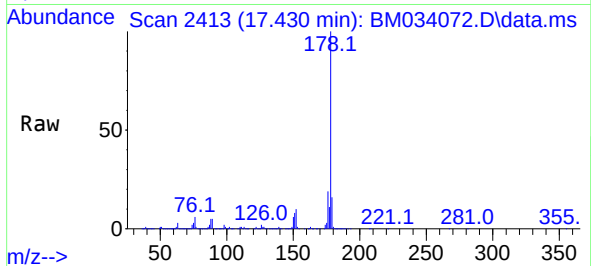




#71
Phenanthrene
Concen: 52.621 ng
RT: 17.430 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

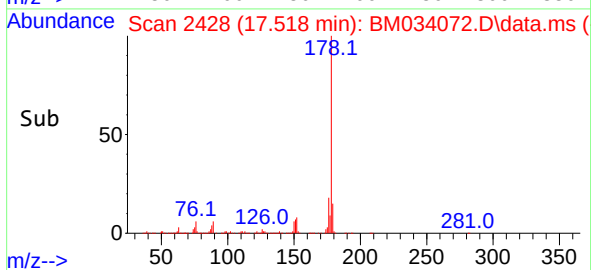
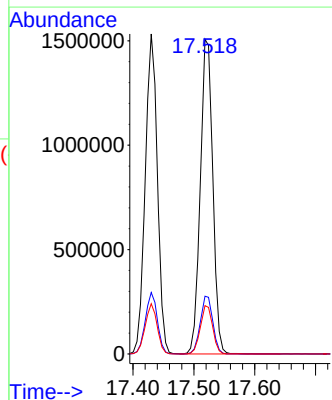
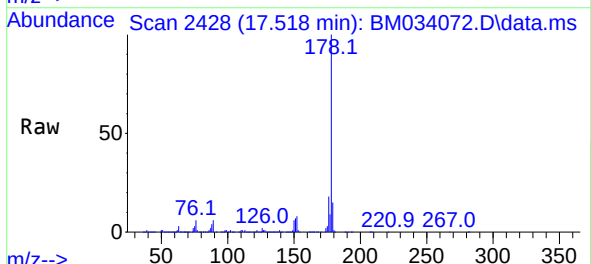
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

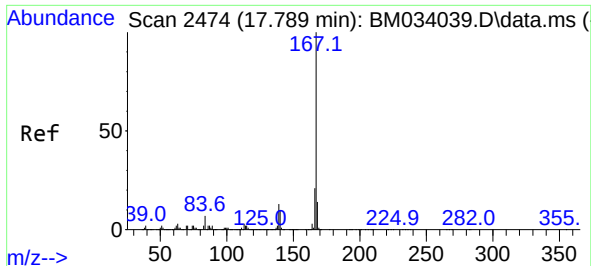
Tgt Ion:178 Resp: 2121010
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.7 12.0 18.0



#72
Anthracene
Concen: 54.863 ng
RT: 17.518 min Scan# 2428
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:178 Resp: 2151970
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.4 11.9 17.9

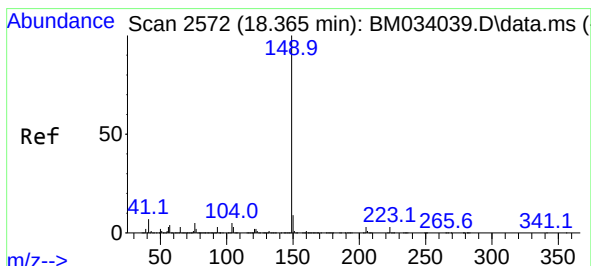
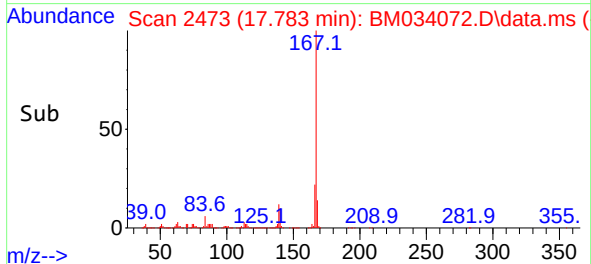
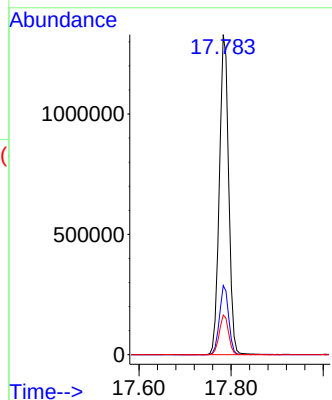
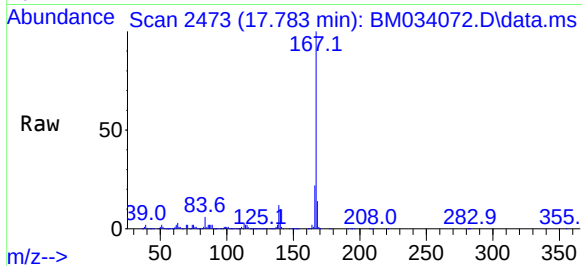




#73
 Carbazole
 Concen: 50.222 ng
 RT: 17.783 min Scan# 2474
 Delta R.T. -0.006 min
 Lab File: BM034072.D
 Acq: 24 Feb 2022 18:04

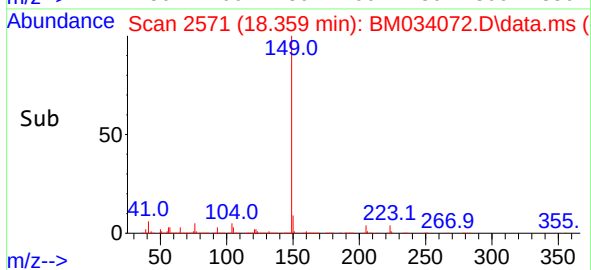
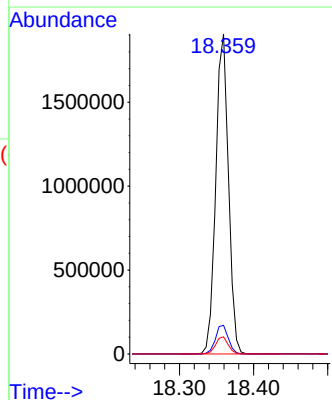
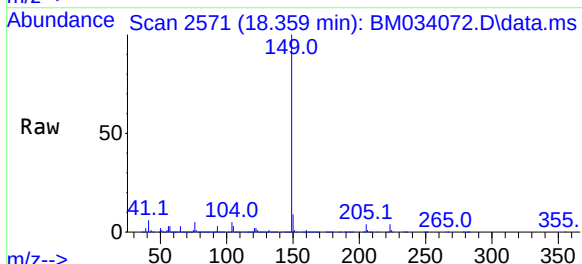
Instrument :
 BNA_M
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)MS

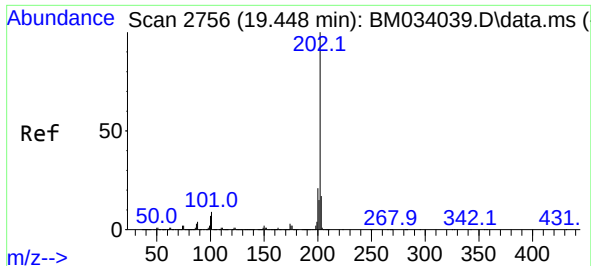
Tgt Ion:167 Resp: 1854841
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.4 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 53.763 ng
 RT: 18.359 min Scan# 2571
 Delta R.T. -0.006 min
 Lab File: BM034072.D
 Acq: 24 Feb 2022 18:04

Tgt Ion:149 Resp: 2258737
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.4 4.6 6.8

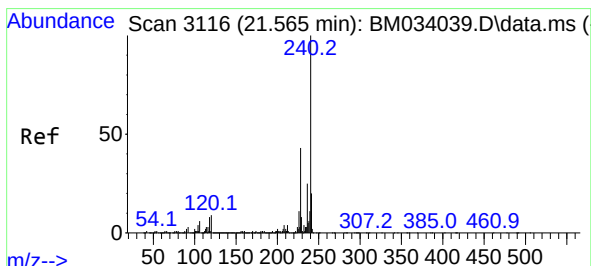
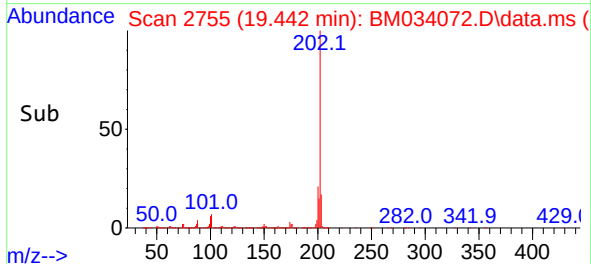
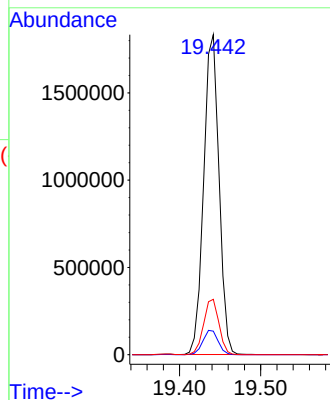
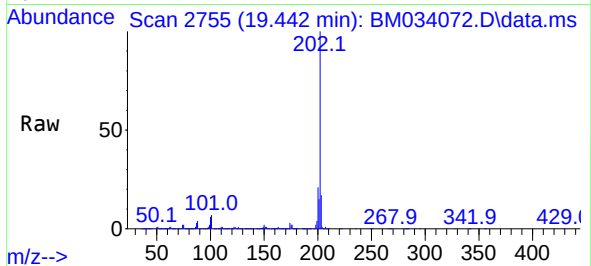




#75
Fluoranthene
Concen: 54.221 ng
RT: 19.442 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

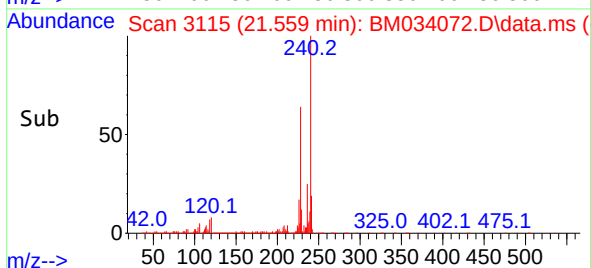
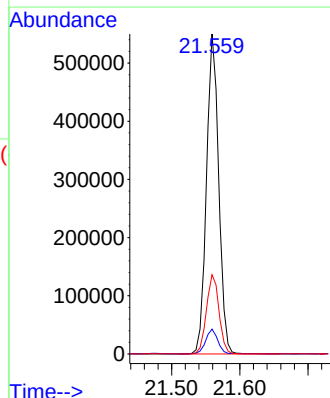
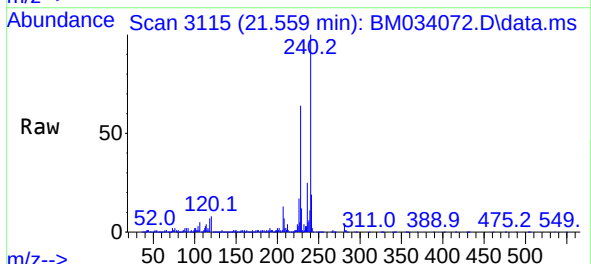
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

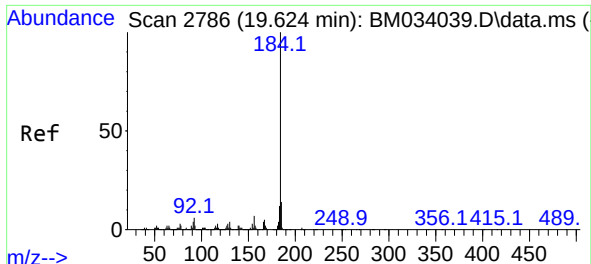
Tgt Ion:202 Resp: 2401085
Ion Ratio Lower Upper
202 100
101 7.4 0.0 30.8
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:240 Resp: 685102
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.6#
236 24.8 20.3 30.5

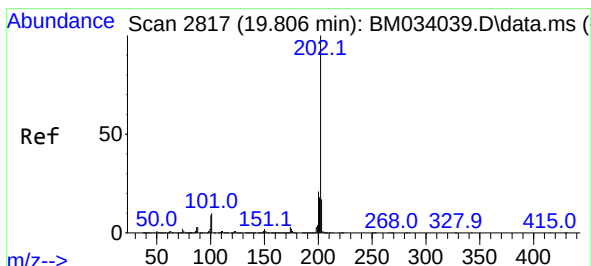
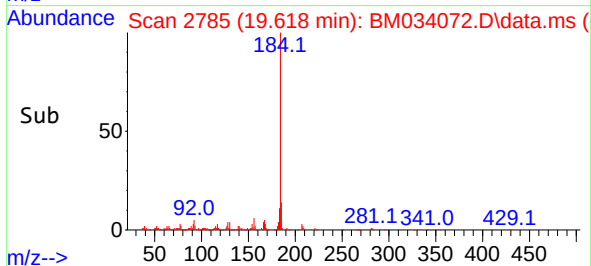
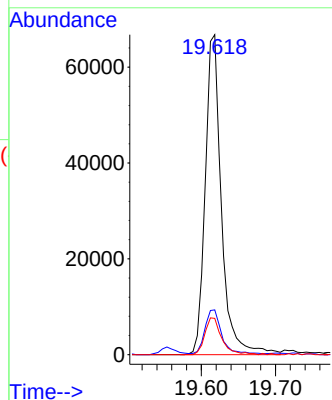
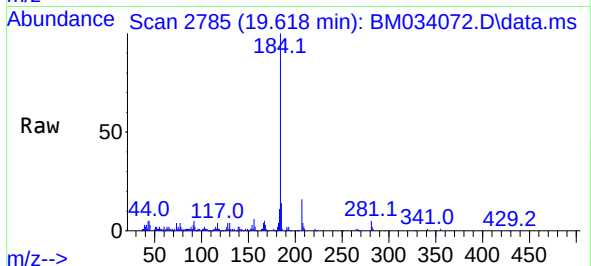




#77
Benzidine
Concen: 7.967 ng
RT: 19.618 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

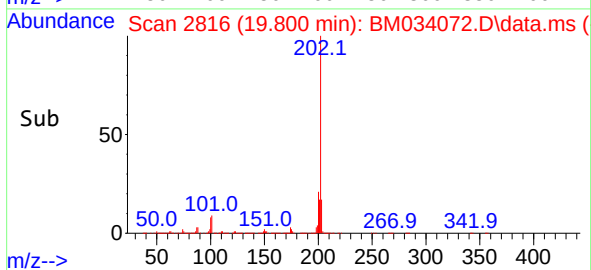
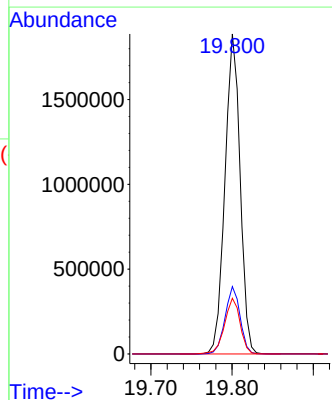
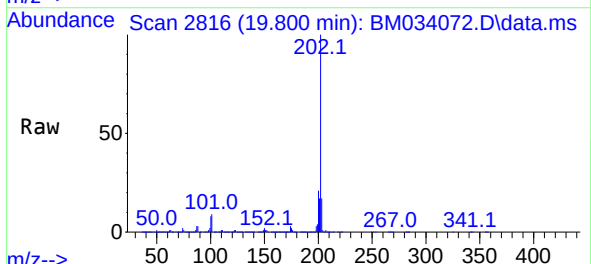
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

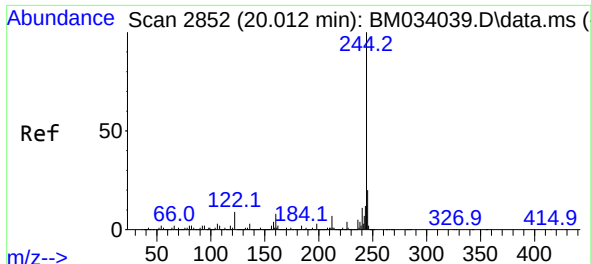
Tgt Ion:184 Resp: 101651
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.3 9.7 14.5



#78
Pyrene
Concen: 52.144 ng
RT: 19.800 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:202 Resp: 2453426
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 17.4 13.5 20.3

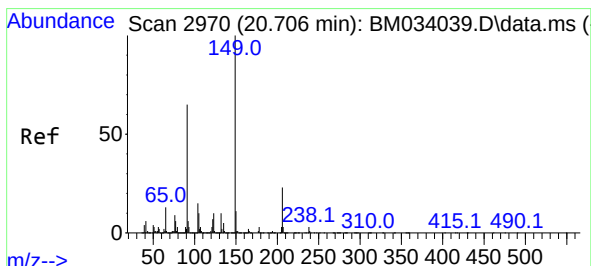
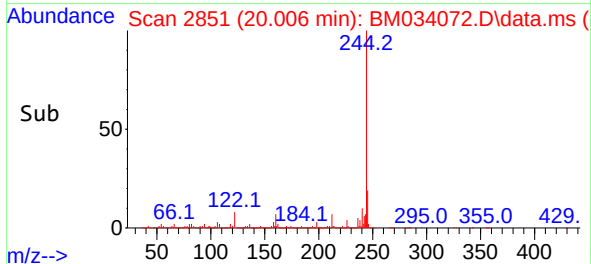
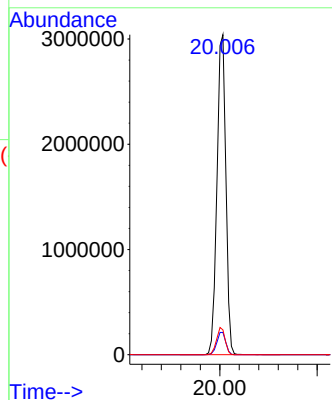
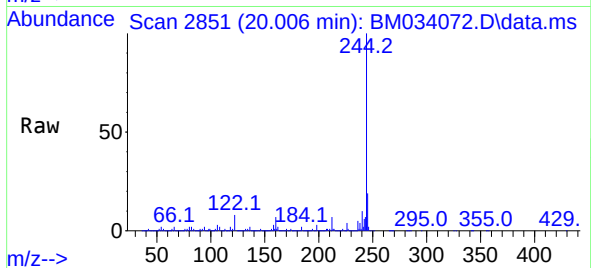




#79
 Terphenyl-d14
 Concen: 97.309 ng
 RT: 20.006 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM034072.D
 Acq: 24 Feb 2022 18:04

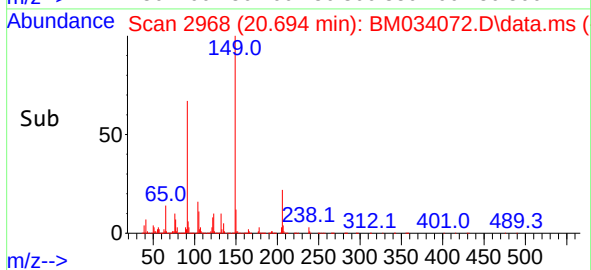
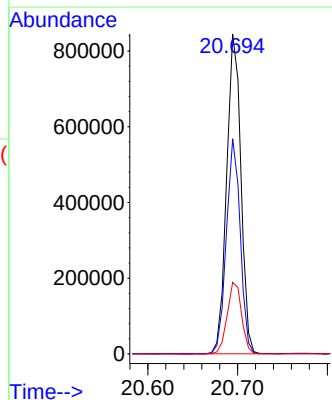
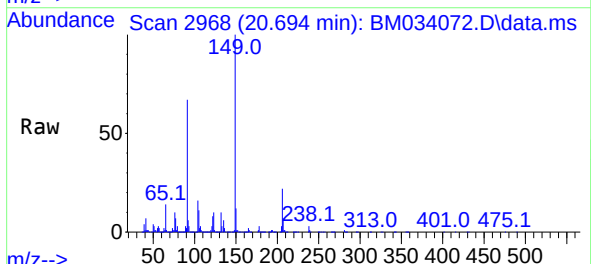
Instrument :
 BNA_M
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)MS

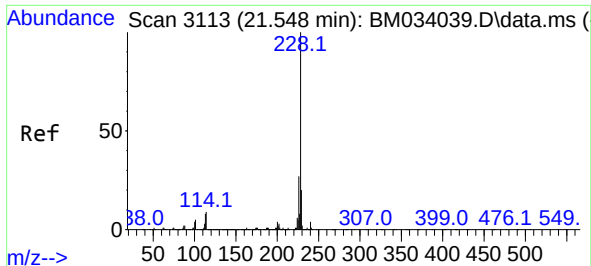
Tgt Ion:244 Resp: 3828470
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 7.7 8.4 12.6#



#80
 Butylbenzylphthalate
 Concen: 52.005 ng
 RT: 20.694 min Scan# 2968
 Delta R.T. -0.012 min
 Lab File: BM034072.D
 Acq: 24 Feb 2022 18:04

Tgt Ion:149 Resp: 931777
 Ion Ratio Lower Upper
 149 100
 91 67.2 63.4 95.0
 206 22.4 16.8 25.2

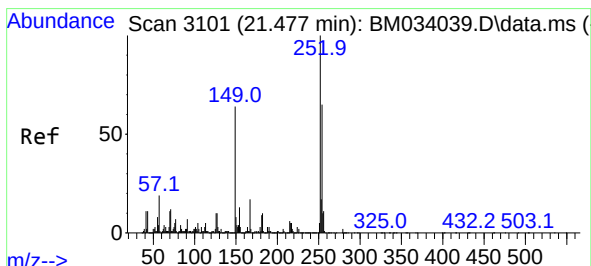
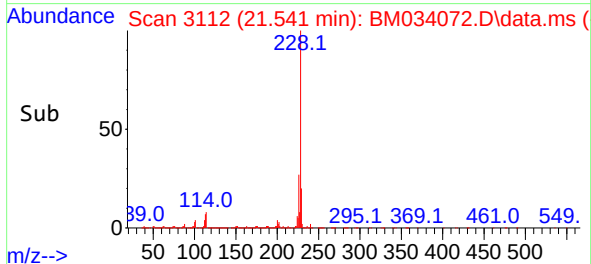
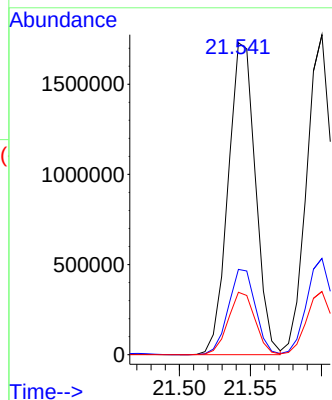
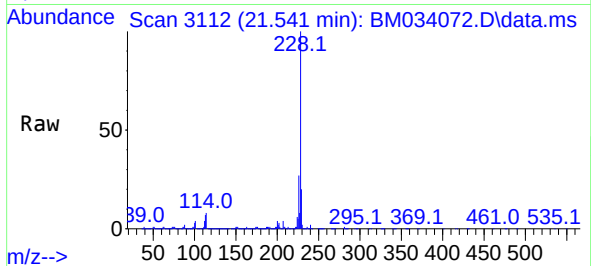




#81
Benzo(a)anthracene
Concen: 51.922 ng
RT: 21.541 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

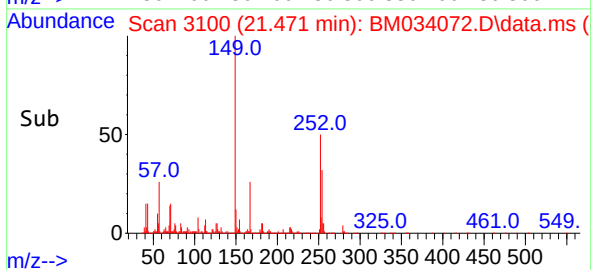
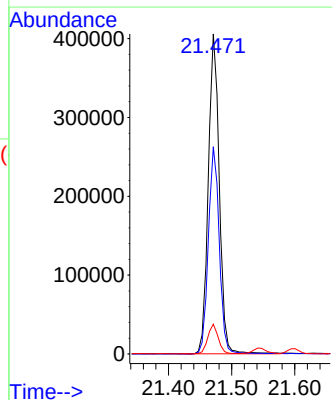
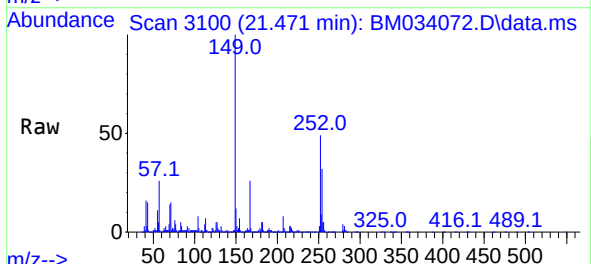
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

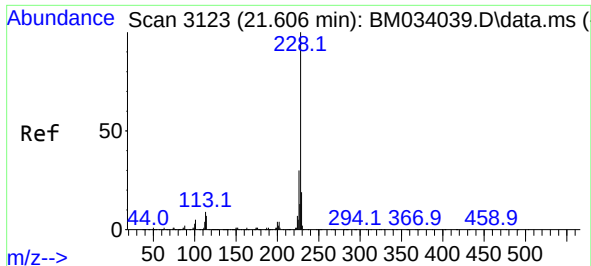
Tgt Ion:228 Resp: 2314528
Ion Ratio Lower Upper
228 100
226 27.3 21.0 31.6
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 32.684 ng
RT: 21.471 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:252 Resp: 492052
Ion Ratio Lower Upper
252 100
254 64.7 50.9 76.3
126 9.3 8.8 13.2

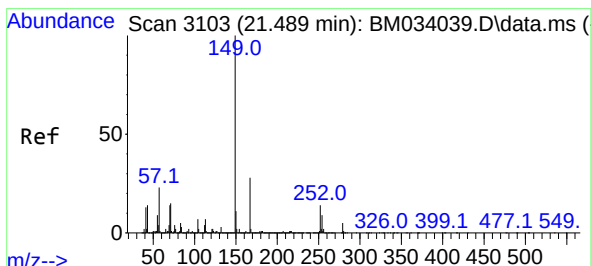
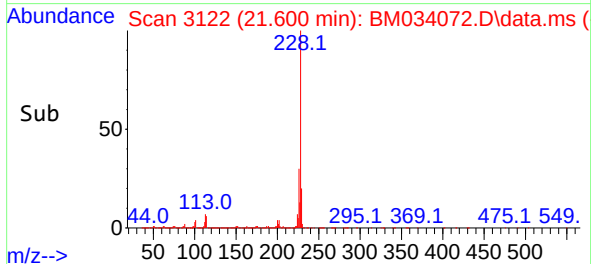
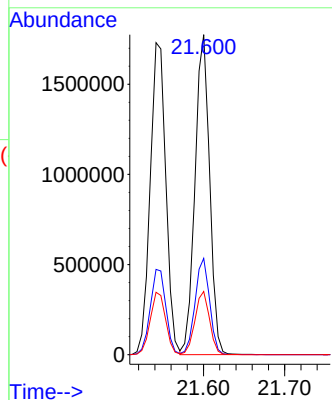
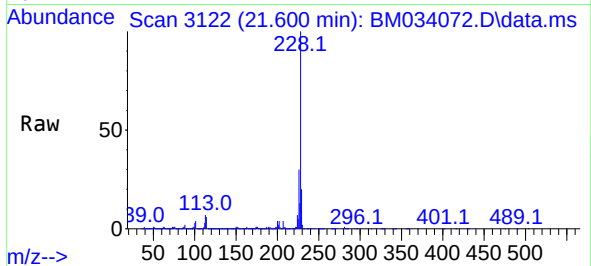




#83
Chrysene
Concen: 52.258 ng
RT: 21.600 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

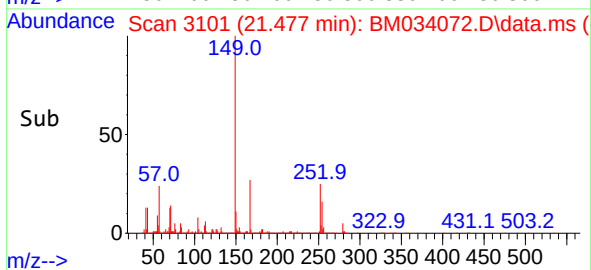
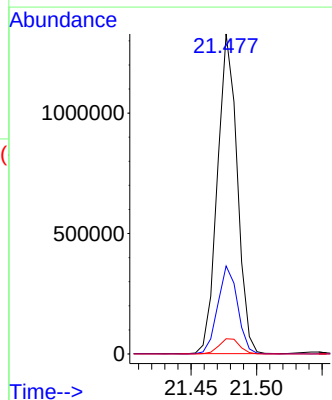
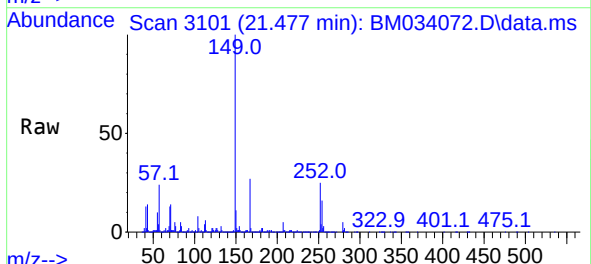
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

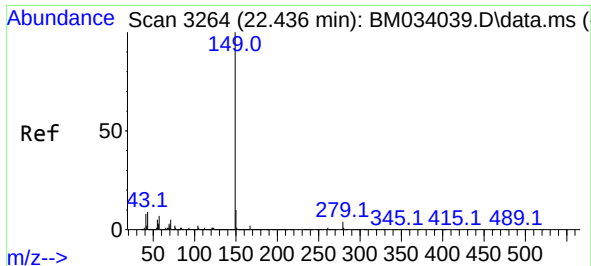
Tgt Ion:228 Resp: 2225245
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.7 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.680 ng
RT: 21.477 min Scan# 3101
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:149 Resp: 1387114
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.8 3.0 4.6#

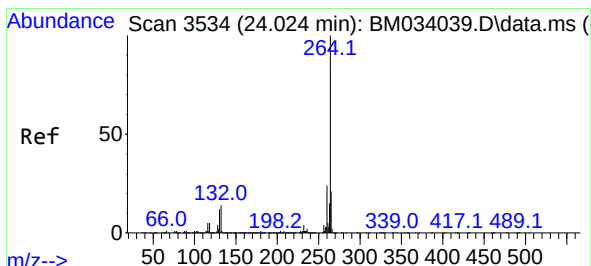
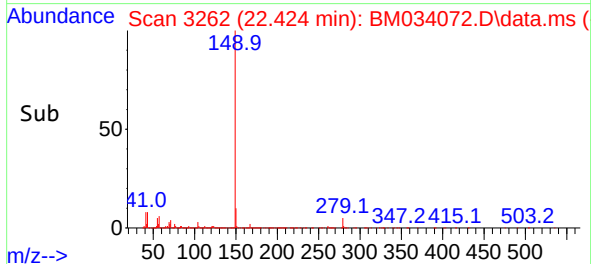
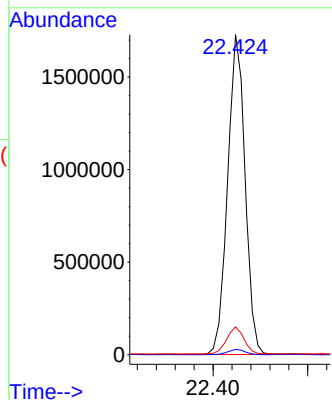
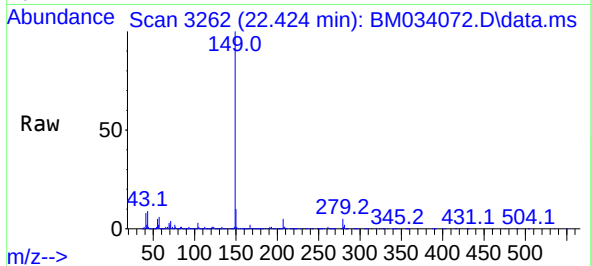




#85
Di-n-octyl phthalate
Concen: 51.015 ng
RT: 22.424 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

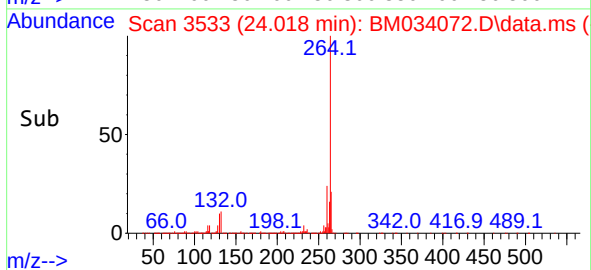
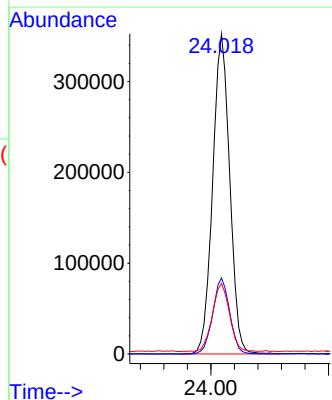
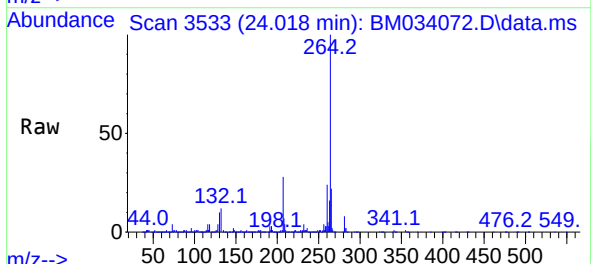
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

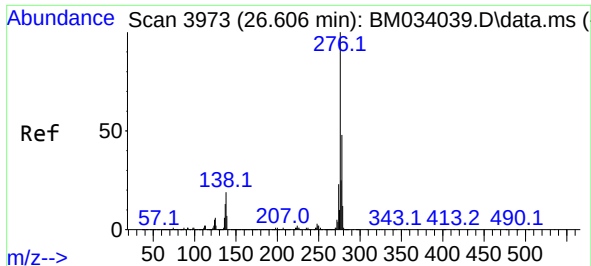
Tgt Ion:149 Resp: 2212999
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 10.4 15.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.018 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:264 Resp: 709202
Ion Ratio Lower Upper
264 100
260 23.7 17.7 26.5
265 22.0 17.7 26.5

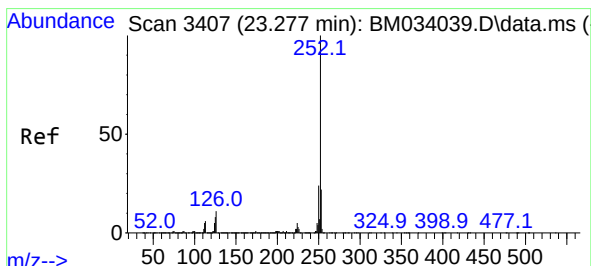
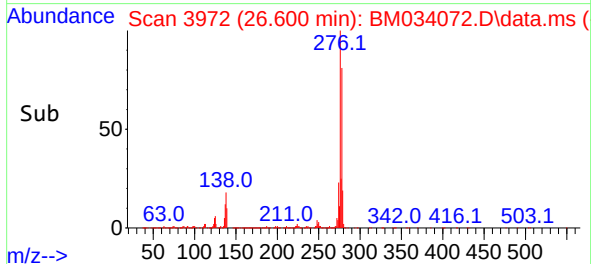
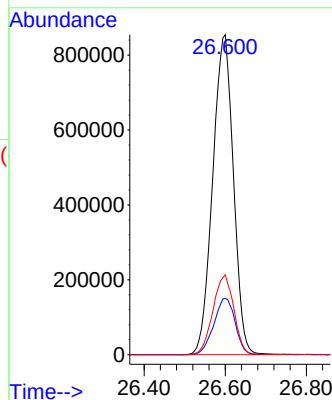
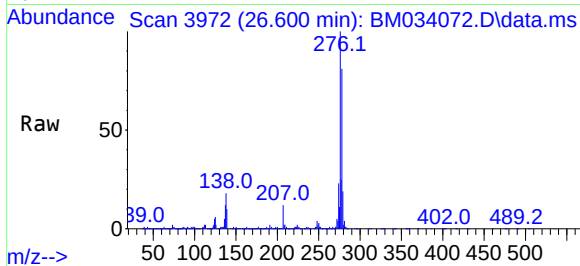




#87
Indeno(1,2,3-cd)pyrene
Concen: 59.999 ng
RT: 26.600 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

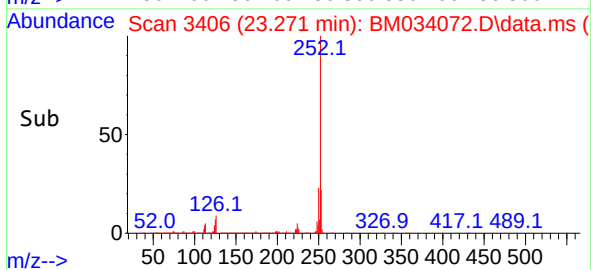
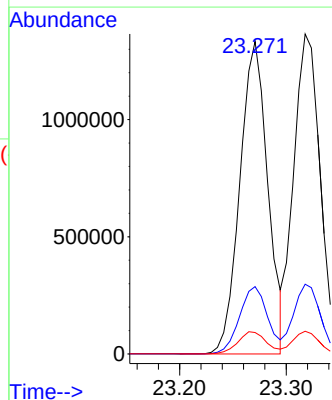
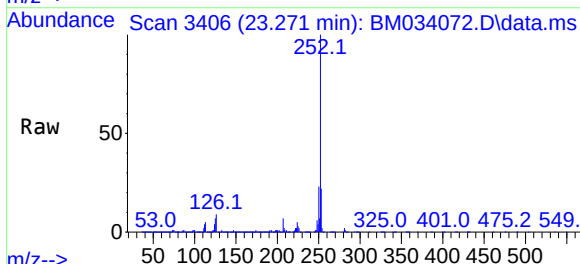
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

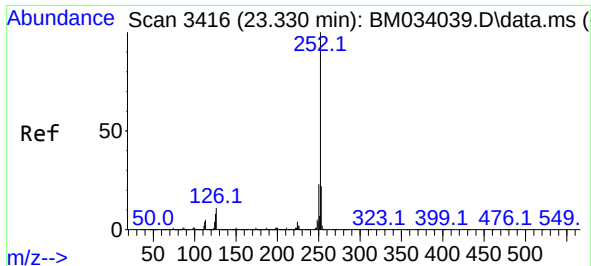
Tgt Ion:276 Resp: 3025195
Ion Ratio Lower Upper
276 100
138 18.2 18.7 28.1#
277 25.1 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 54.628 ng
RT: 23.271 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:252 Resp: 2427912
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 6.9 7.4 11.2#

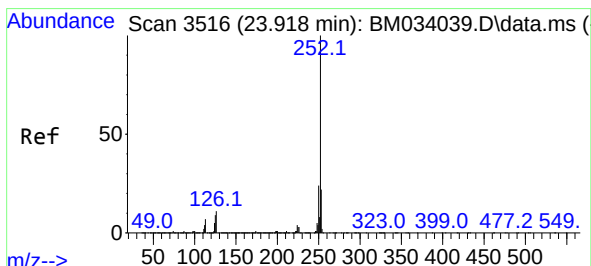
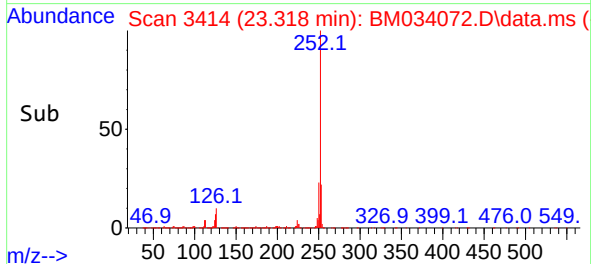
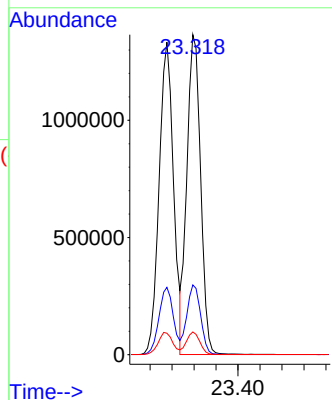
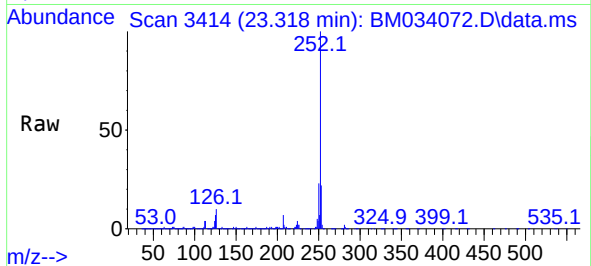




#89
Benzo(k)fluoranthene
Concen: 53.182 ng
RT: 23.318 min Scan# 3416
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

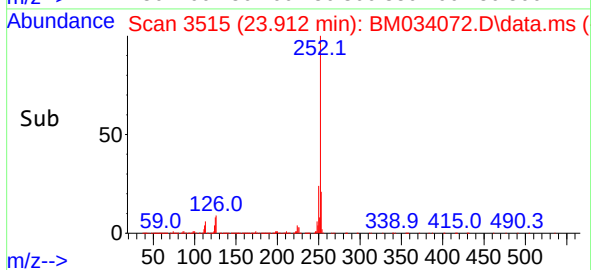
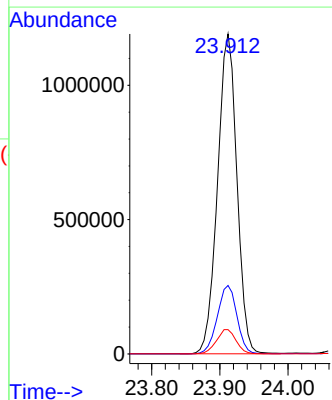
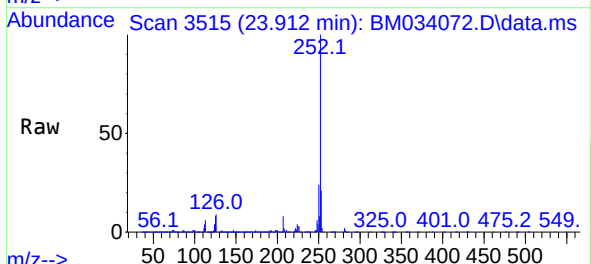
Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

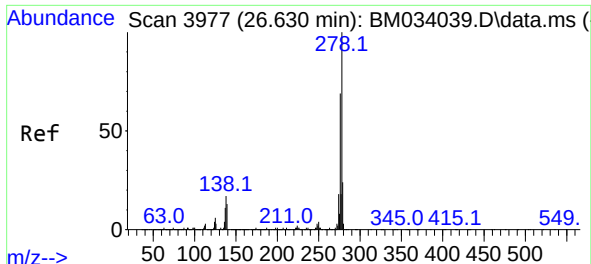
Tgt Ion:252 Resp: 2357914
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.1 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 64.427 ng
RT: 23.912 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:252 Resp: 2352982
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 7.6 7.8 11.8#

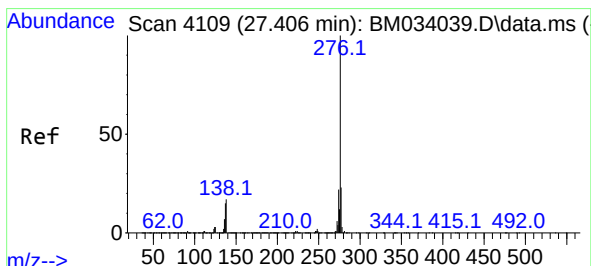
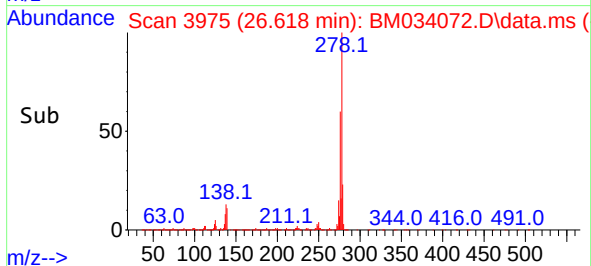
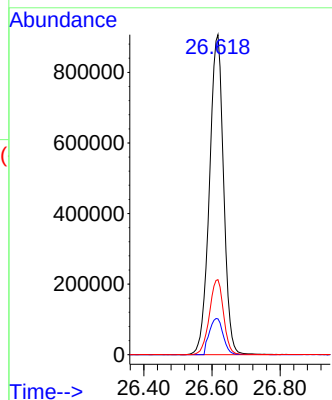
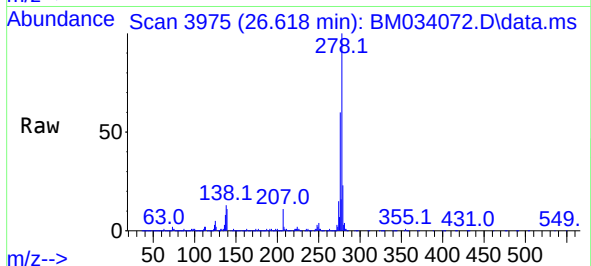




#91
Dibenzo(a,h)anthracene
Concen: 61.692 ng
RT: 26.618 min Scan# 3975
Delta R.T. -0.012 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Instrument :
BNA_M
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

Tgt Ion:278 Resp: 2616014
Ion Ratio Lower Upper
278 100
139 11.2 10.9 16.3
279 23.5 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 64.347 ng
RT: 27.382 min Scan# 4105
Delta R.T. -0.024 min
Lab File: BM034072.D
Acq: 24 Feb 2022 18:04

Tgt Ion:276 Resp: 2643322
Ion Ratio Lower Upper
276 100
277 24.4 19.1 28.7
138 15.8 14.8 22.2

