

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
 Data File : BP008793.D
 Acq On : 13 Jan 2022 16:50
 Operator : CG/JU
 Sample : N1118-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MR-SOILPILEMSD

Quant Time: Jan 13 23:26:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	331570	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1209840	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	728958	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1402461	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1155591	20.000	ng	0.00
86) Perylene-d12	23.768	264	1167830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2417418	114.172	ng	0.00
7) Phenol-d6	7.040	99	2896163	101.891	ng	0.00
23) Nitrobenzene-d5	9.022	82	1775111	83.093	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1229164	99.946	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	4252604	82.017	ng	0.00
79) Terphenyl-d14	19.816	244	5329857	93.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	323347	40.491	ng	98
3) Pyridine	3.752	79	804798	42.843	ng	97
4) n-Nitrosodimethylamine	3.658	42	365602	43.679	ng	87
6) Aniline	7.187	93	766567	21.468	ng	98
8) 2-Chlorophenol	7.428	128	980906	40.991	ng	98
9) Benzaldehyde	6.999	77	533869	27.752	ng	98
10) Phenol	7.069	94	1190918	40.944	ng	97
11) bis(2-Chloroethyl)ether	7.287	93	878521	38.967	ng	99
12) 1,3-Dichlorobenzene	7.752	146	1114897	41.240	ng	98
13) 1,4-Dichlorobenzene	7.899	146	1131522	40.958	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1079793	40.306	ng	99
15) Benzyl Alcohol	8.104	79	776414	36.769	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.399	45	965025	37.555	ng	100
17) 2-Methylphenol	8.316	107	754384	37.621	ng	98
18) Hexachloroethane	8.946	117	388471	41.804	ng	97
19) n-Nitroso-di-n-propyla...	8.675	70	627623	34.009	ng	96
20) 3+4-Methylphenols	8.646	107	1002044	36.015	ng	98
22) Acetophenone	8.687	105	1354697	42.437	ng	# 97
24) Nitrobenzene	9.063	77	949743	43.917	ng	97
25) Isophorone	9.599	82	1673723	39.837	ng	99
26) 2-Nitrophenol	9.775	139	508696	45.106	ng	94
27) 2,4-Dimethylphenol	9.846	122	816956	40.440	ng	99
28) bis(2-Chloroethoxy)met...	10.075	93	1078228	41.159	ng	99
29) 2,4-Dichlorophenol	10.322	162	924842	42.707	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	1050925	44.545	ng	99
31) Naphthalene	10.716	128	2846994	43.523	ng	100
32) Benzoic acid	10.016	122	555250	41.111	ng	98
33) 4-Chloroaniline	10.828	127	276175	9.407	ng	99
34) Hexachlorobutadiene	11.004	225	655679	45.968	ng	99
35) Caprolactam	11.628	113	254859	33.118	ng	96
36) 4-Chloro-3-methylphenol	11.963	107	832882	37.972	ng	100
37) 2-Methylnaphthalene	12.328	142	2063307	40.091	ng	99
38) 1-Methylnaphthalene	12.545	142	1898212	39.712	ng	100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1181562	48.762	ng	99
41) Hexachlorocyclopentadiene	12.681	237	1261136	87.544	ng	99
43) 2,4,6-Trichlorophenol	12.940	196	737524	45.714	ng	98

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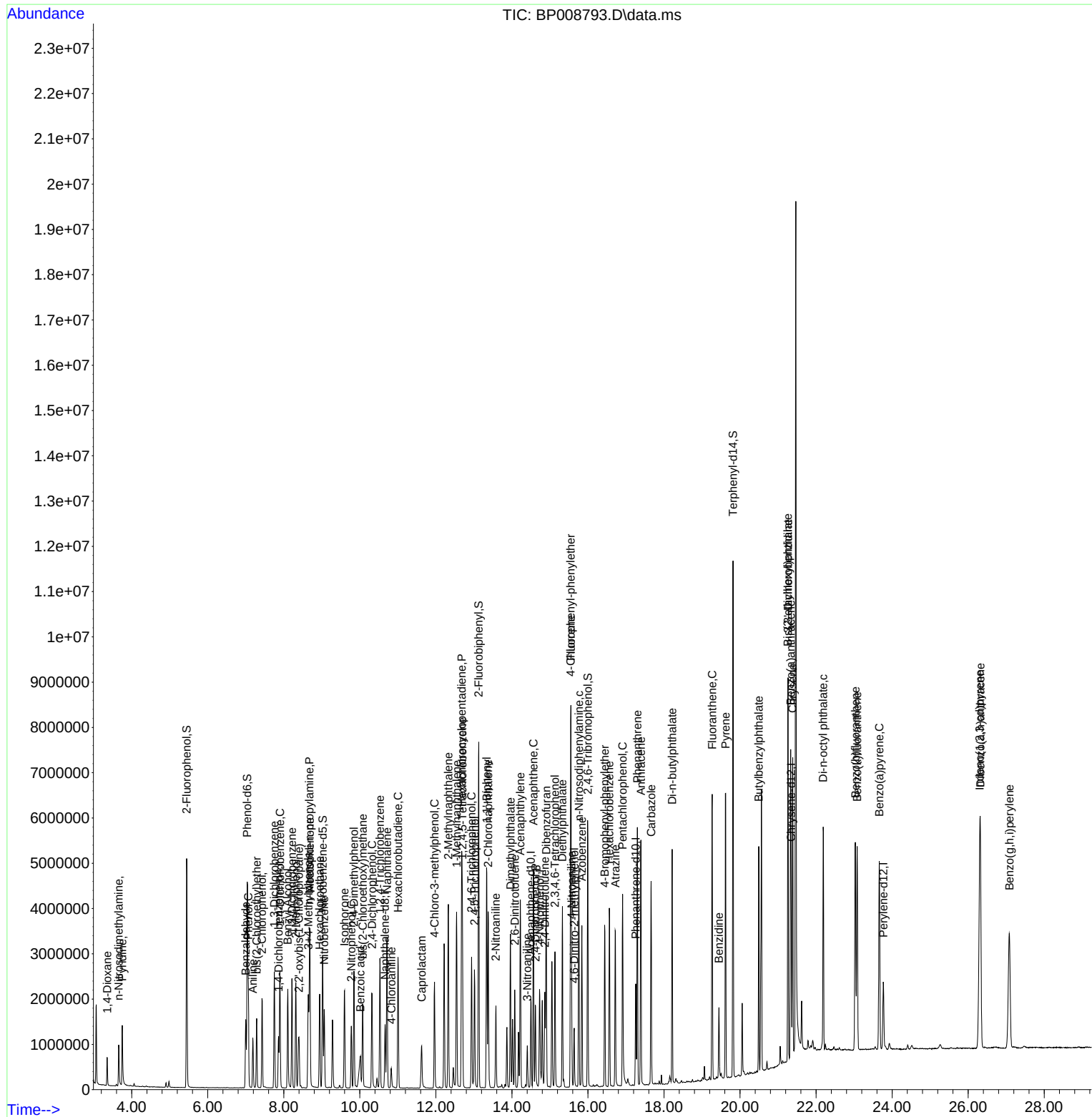
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44) 2,4,5-Trichlorophenol	13.016	196	785711	44.305	ng	98
46) 1,1'-Biphenyl	13.334	154	2614349	46.008	ng	100
47) 2-Chloronaphthalene	13.375	162	2007906	46.038	ng	99
48) 2-Nitroaniline	13.581	65	477061	44.812	ng	96
49) Acenaphthylene	14.222	152	3063513	44.214	ng	100
50) Dimethylphthalate	13.963	163	2376153	41.018	ng	100
51) 2,6-Dinitrotoluene	14.075	165	520252	41.528	ng	92
52) Acenaphthene	14.569	154	1823464	43.939	ng	98
53) 3-Nitroaniline	14.404	138	266274	20.826	ng	96
54) 2,4-Dinitrophenol	14.622	184	504658	78.990	ng	95
55) Dibenzofuran	14.904	168	2944432	43.022	ng	99
56) 4-Nitrophenol	14.728	139	805313	75.640	ng	92
57) 2,4-Dinitrotoluene	14.869	165	701501	41.024	ng	93
58) Fluorene	15.551	166	2362503	42.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	652306	40.932	ng	# 87
60) Diethylphthalate	15.328	149	2291304	40.791	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1274398	43.115	ng	99
62) 4-Nitroaniline	15.569	138	493257	37.156	ng	91
63) Azobenzene	15.839	77	1953987	44.378	ng	95
65) 4,6-Dinitro-2-methylph...	15.639	198	335693	43.141	ng	95
66) n-Nitrosodiphenylamine	15.763	169	2018500	47.492	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	779057	46.949	ng	100
68) Hexachlorobenzene	16.563	284	868182	44.968	ng	96
69) Atrazine	16.722	200	733692	42.528	ng	98
70) Pentachlorophenol	16.910	266	967880	80.306	ng	99
71) Phenanthrene	17.298	178	3580339	45.948	ng	99
72) Anthracene	17.392	178	3585669	45.059	ng	100
73) Carbazole	17.663	167	3092922	42.409	ng	99
74) Di-n-butylphthalate	18.216	149	3764812	45.087	ng	99
75) Fluoranthene	19.269	202	3929082	42.109	ng	97
77) Benzidine	19.445	184	1046174	21.158	ng	98
78) Pyrene	19.622	202	4007434	53.036	ng	98
80) Butylbenzylphthalate	20.492	149	1508072	48.813	ng	98
81) Benzo(a)anthracene	21.333	228	3492586	46.069	ng	98
82) 3,3'-Dichlorobenzidine	21.263	252	1021886	29.671	ng	99
83) Chrysene	21.386	228	3383369	46.263	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	2249010	49.859	ng	97
85) Di-n-octyl phthalate	22.186	149	3658332	45.694	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	4401671	47.169	ng	99
88) Benzo(b)fluoranthene	23.033	252	3590851	47.059	ng	99
89) Benzo(k)fluoranthene	23.080	252	3315015	46.421	ng	98
90) Benzo(a)pyrene	23.663	252	3413844	46.289	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	3705252	46.992	ng	99
92) Benzo(g,h,i)perylene	27.086	276	3725590	47.601	ng	99

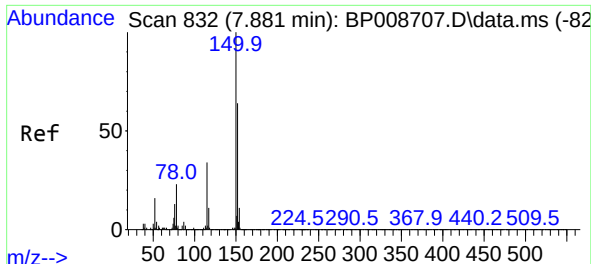
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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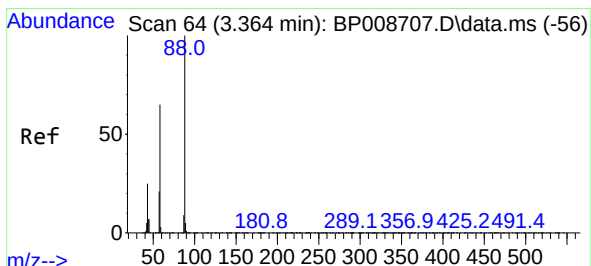
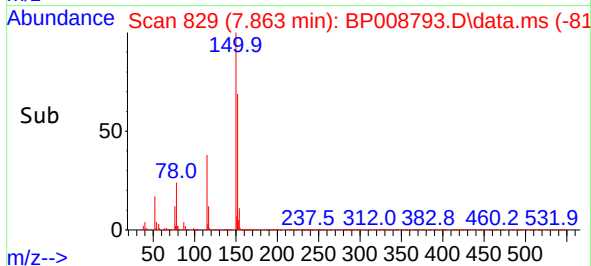
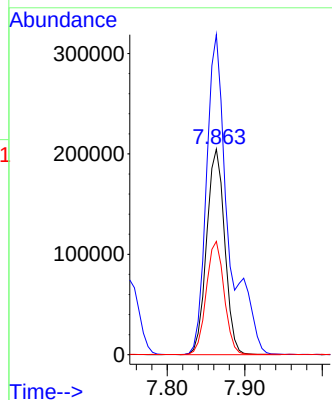
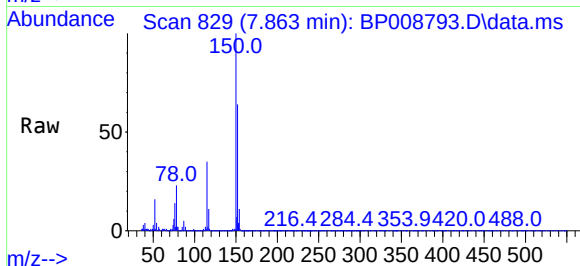




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP008793.D
 Acq: 13 Jan 2022 16:50

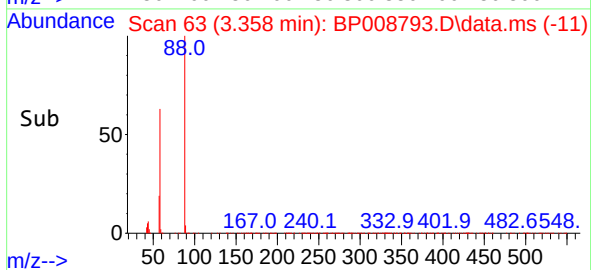
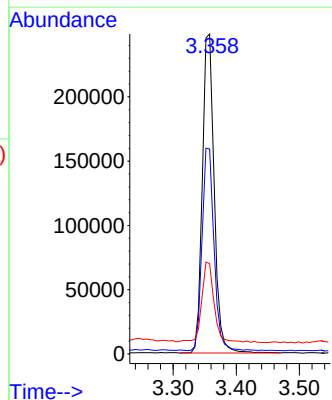
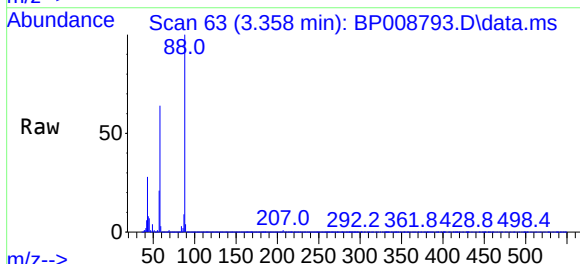
Instrument :
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 ClientSampleId :
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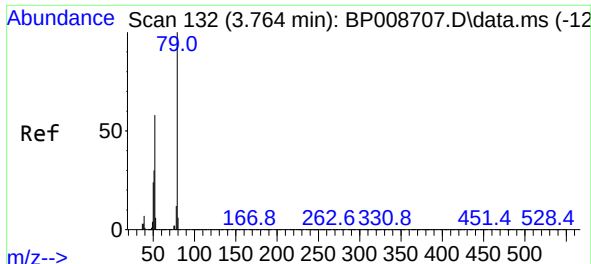
Tgt Ion:152 Resp: 331570
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.0 190.6
 115 55.1 43.7 65.5



#2
 1,4-Dioxane
 Concen: 40.491 ng
 RT: 3.358 min Scan# 63
 Delta R.T. 0.006 min
 Lab File: BP008793.D
 Acq: 13 Jan 2022 16:50

Tgt Ion: 88 Resp: 323347
 Ion Ratio Lower Upper
 88 100
 58 63.9 50.6 75.8
 43 25.4 18.2 27.4

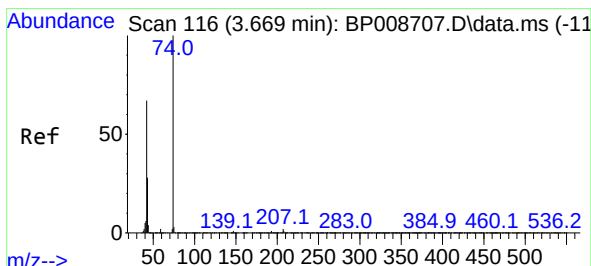
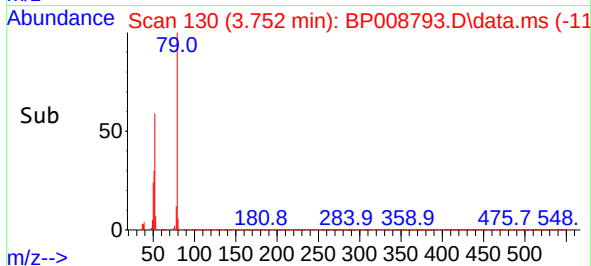
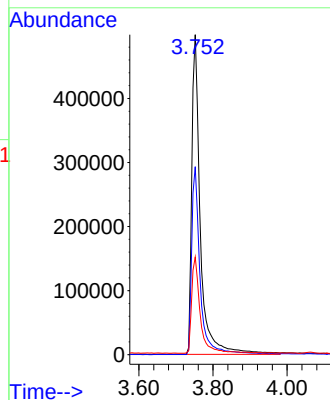
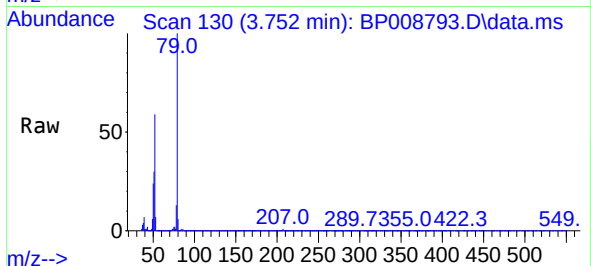




#3
Pyridine
Concen: 42.843 ng
RT: 3.752 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

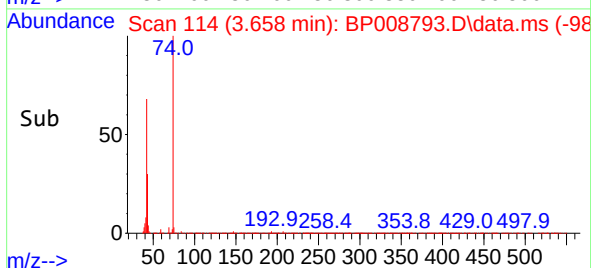
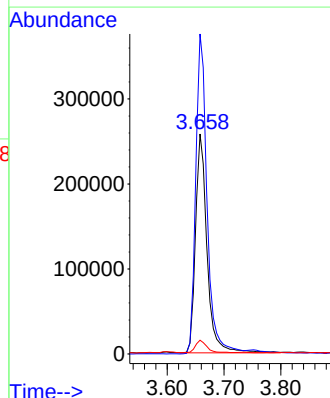
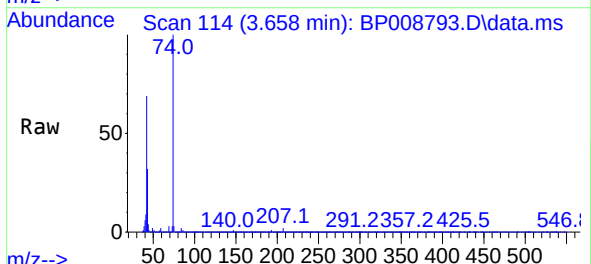
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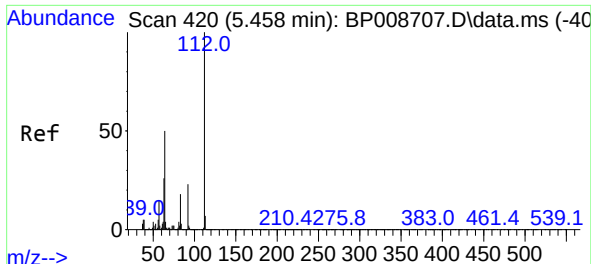
Tgt Ion: 79 Resp: 804798
Ion Ratio Lower Upper
79 100
52 58.8 45.1 67.7
51 30.5 23.1 34.7



#4
n-Nitrosodimethylamine
Concen: 43.679 ng
RT: 3.658 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 42 Resp: 365602
Ion Ratio Lower Upper
42 100
74 145.5 131.1 196.7
44 6.3 6.2 9.2

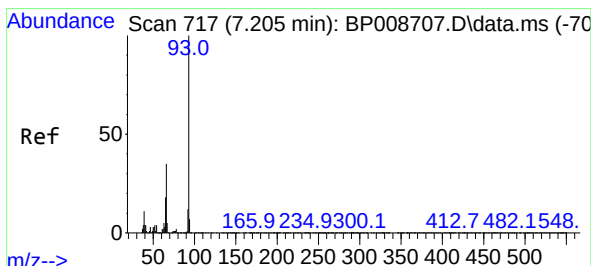
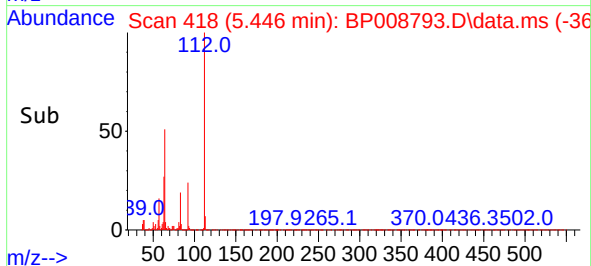
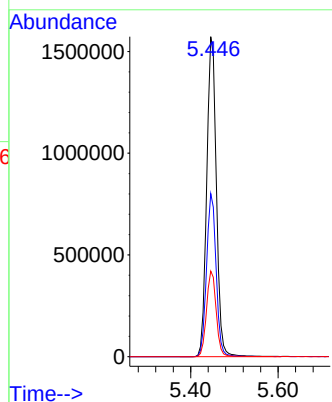
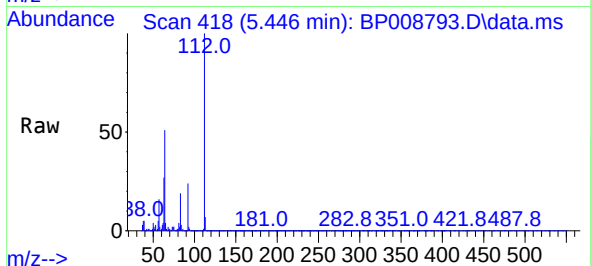




#5
2-Fluorophenol
Concen: 114.172 ng
RT: 5.446 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

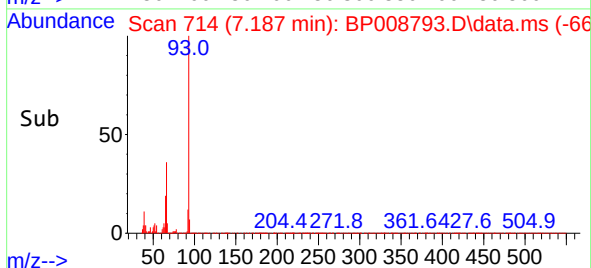
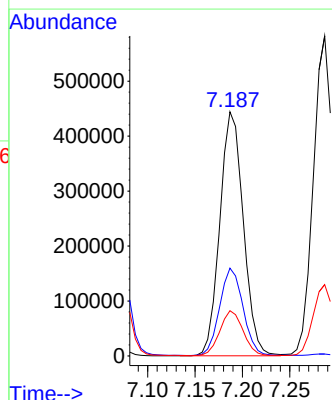
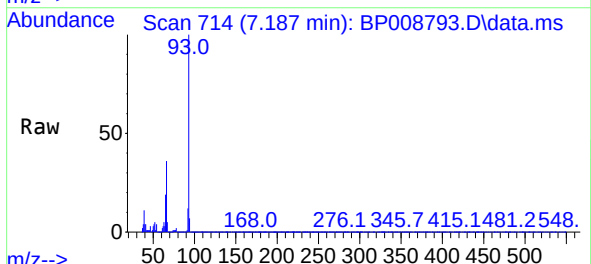
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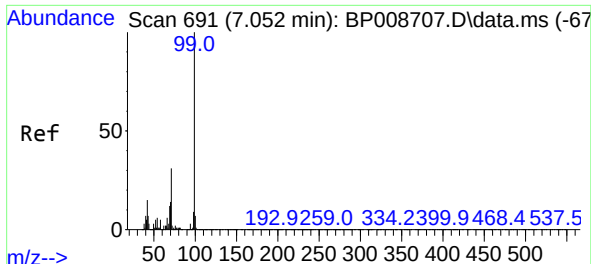
Tgt Ion:112 Resp: 2417418
Ion Ratio Lower Upper
112 100
64 51.0 39.7 59.5
63 26.7 20.0 30.0



#6
Aniline
Concen: 21.468 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 93 Resp: 766567
Ion Ratio Lower Upper
93 100
66 35.9 27.8 41.6
65 18.5 14.0 21.0



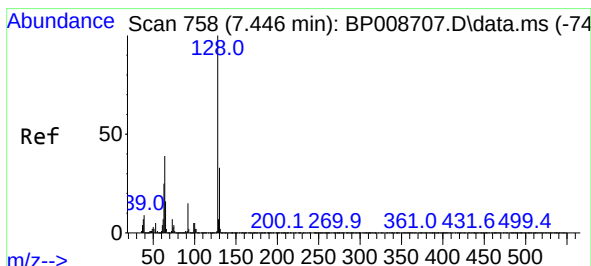
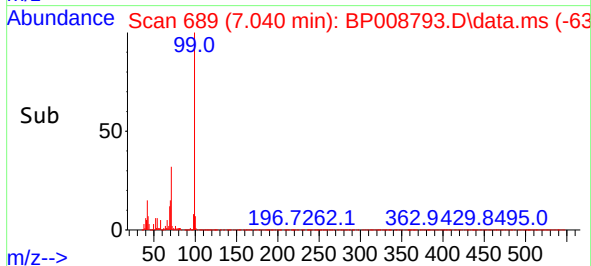
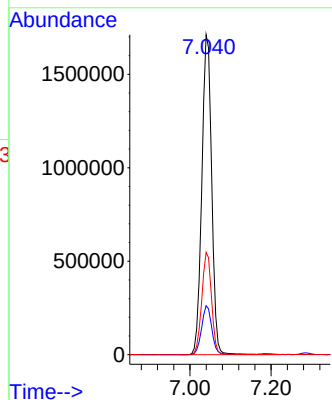
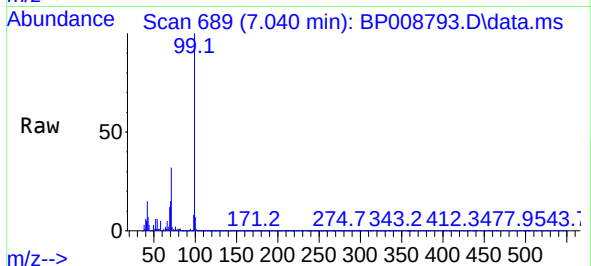


#7
Phenol-d6
Concen: 101.891 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
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Tgt Ion: 99 Resp: 2896163

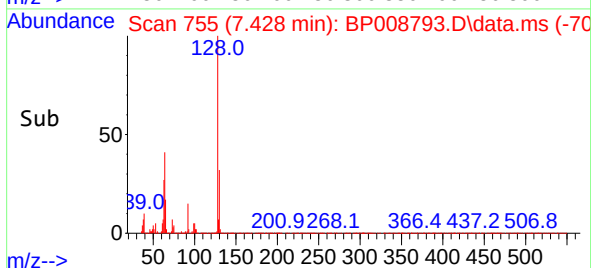
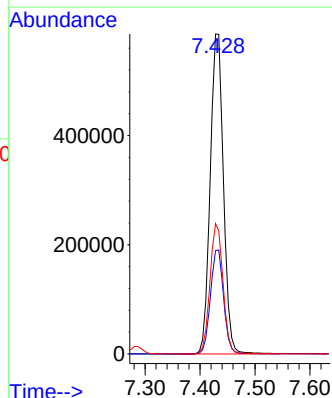
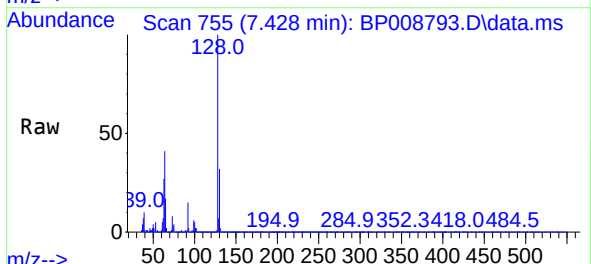
Ion	Ratio	Lower	Upper
99	100		
42	15.3	10.8	16.2
71	31.9	23.8	35.6

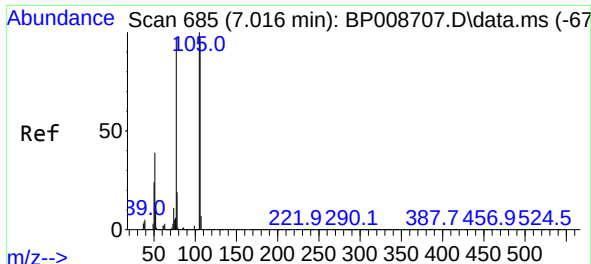


#8
2-Chlorophenol
Concen: 40.991 ng
RT: 7.428 min Scan# 755
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 128 Resp: 980906

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	40.8	18.6	58.6

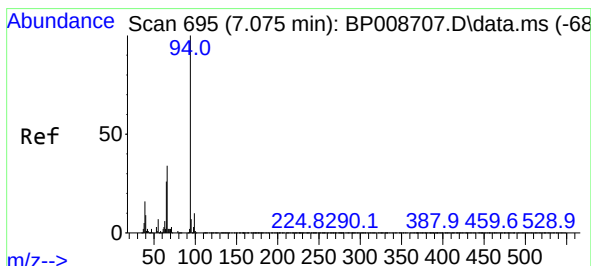
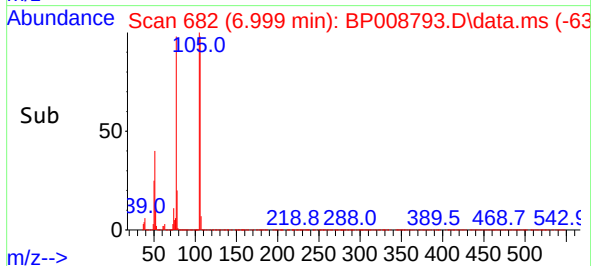
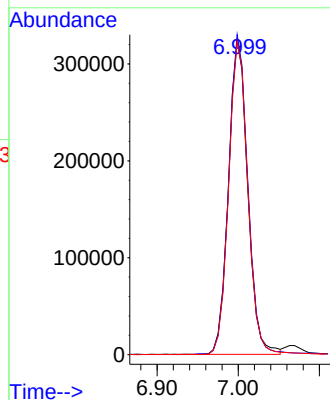
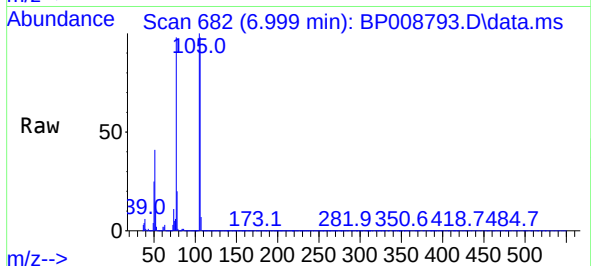




#9
Benzaldehyde
Concen: 27.752 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.006 min
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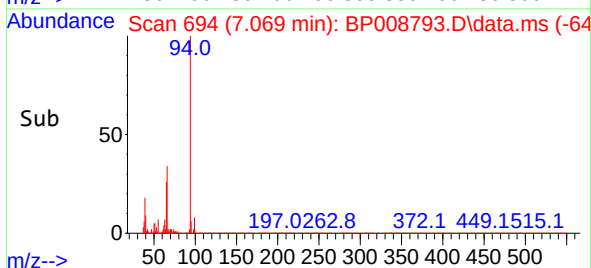
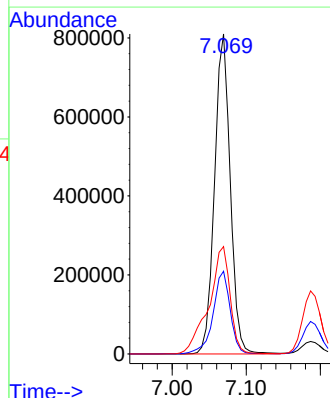
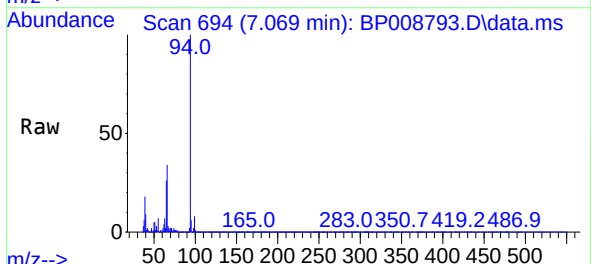
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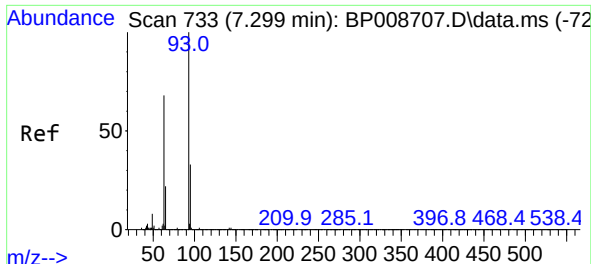
Tgt Ion: 77 Resp: 533869
Ion Ratio Lower Upper
77 100
105 101.8 84.2 124.2
106 99.6 80.6 120.6



#10
Phenol
Concen: 40.944 ng
RT: 7.069 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 94 Resp: 1190918
Ion Ratio Lower Upper
94 100
65 25.8 4.1 44.1
66 33.5 12.4 52.4

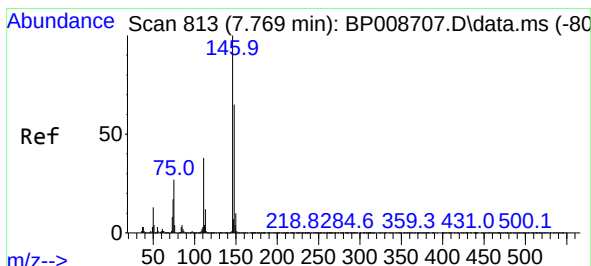
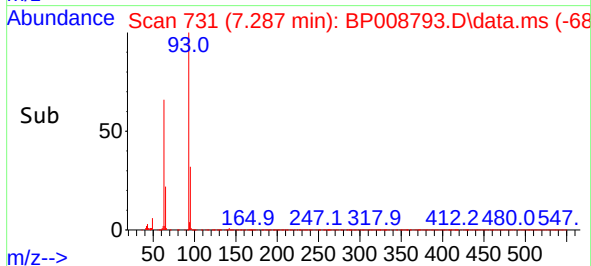
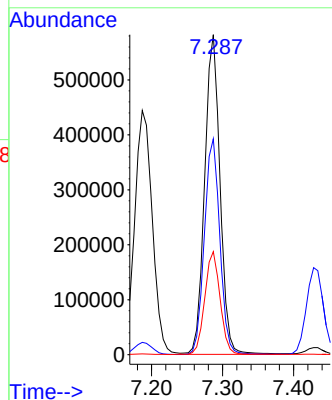
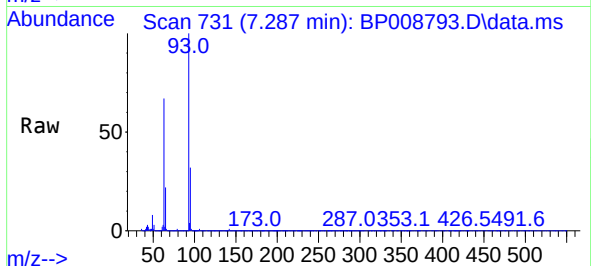




#11
bis(2-Chloroethyl)ether
Concen: 38.967 ng
RT: 7.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

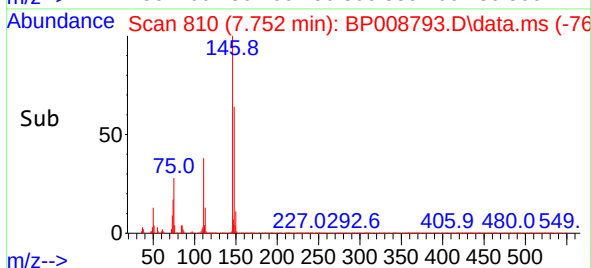
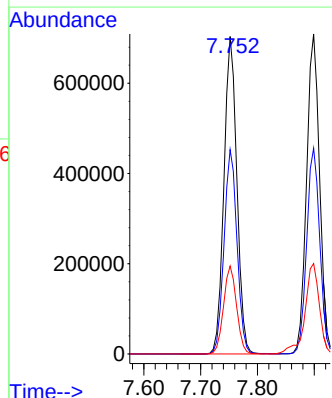
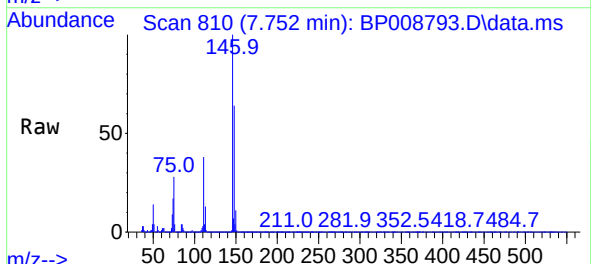
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

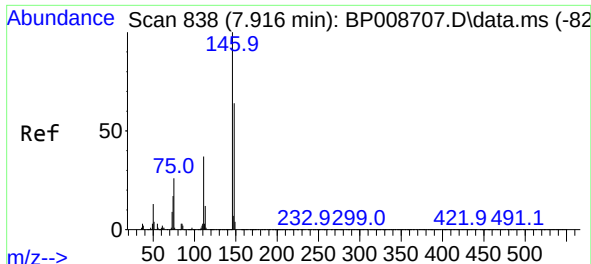
Tgt Ion: 93 Resp: 878521
Ion Ratio Lower Upper
93 100
63 67.5 46.0 86.0
95 32.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.240 ng
RT: 7.752 min Scan# 810
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 146 Resp: 1114897
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 27.7 20.5 30.7

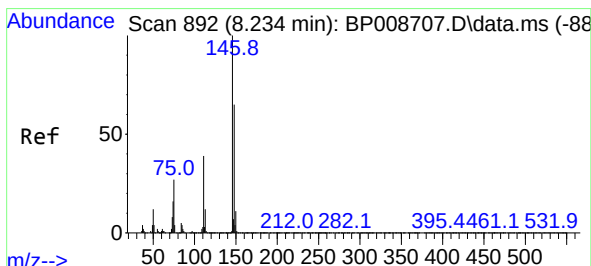
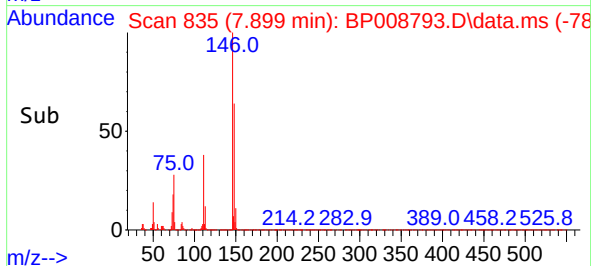
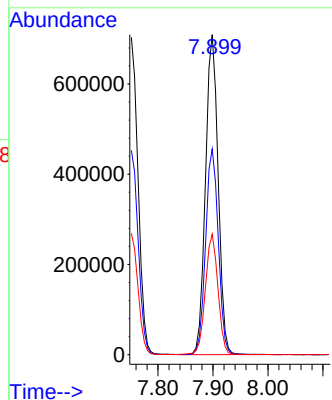
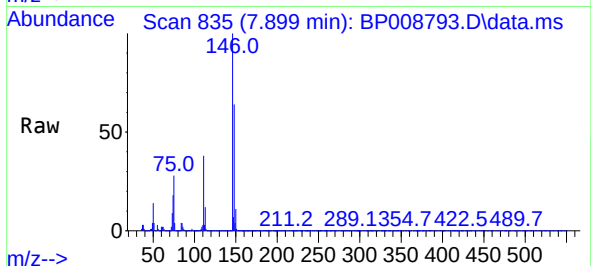




#13
1,4-Dichlorobenzene
Concen: 40.958 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

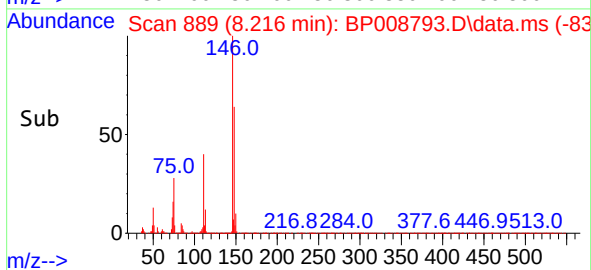
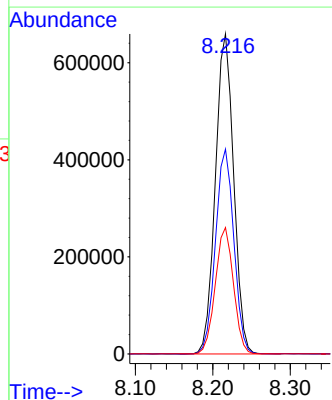
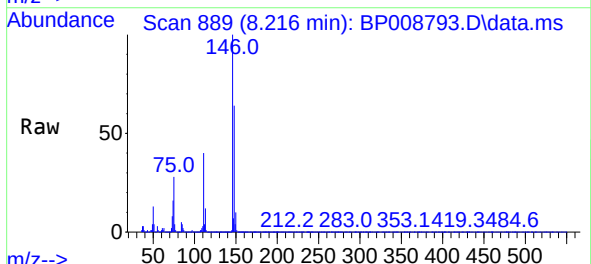
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

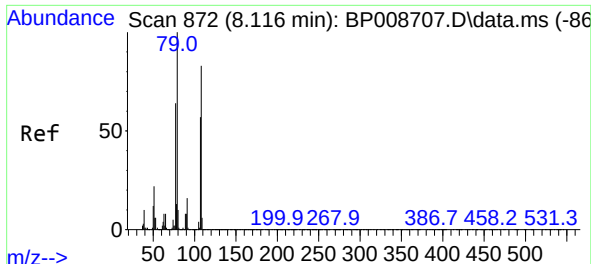
Tgt Ion:146 Resp: 1131522
Ion Ratio Lower Upper
146 100
148 64.3 52.3 78.5
111 37.7 29.8 44.8



#14
1,2-Dichlorobenzene
Concen: 40.306 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:146 Resp: 1079793
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.2
111 39.5 31.1 46.7





#15

Benzyl Alcohol

Concen: 36.769 ng

RT: 8.104 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP008793.D

Acq: 13 Jan 2022 16:50

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMSD

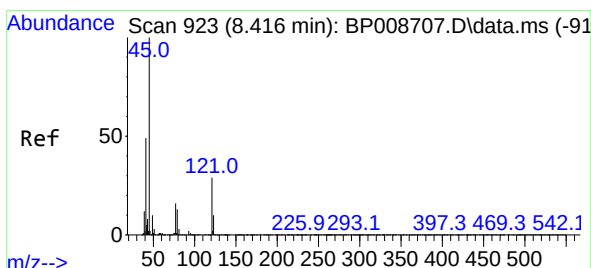
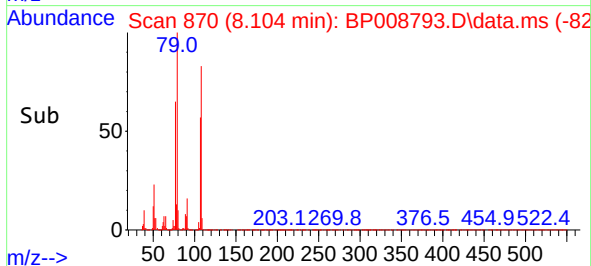
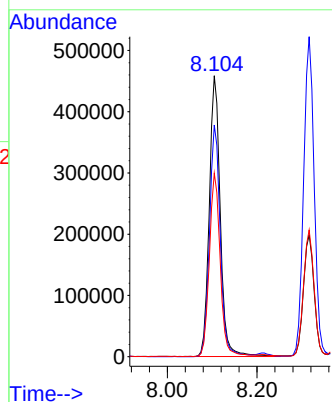
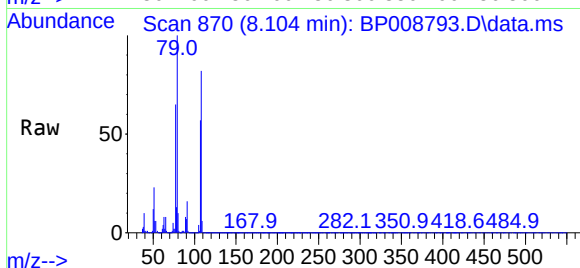
Tgt Ion: 79 Resp: 776414

Ion Ratio Lower Upper

79 100

108 82.5 67.8 101.8

77 65.3 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.555 ng

RT: 8.399 min Scan# 920

Delta R.T. -0.006 min

Lab File: BP008793.D

Acq: 13 Jan 2022 16:50

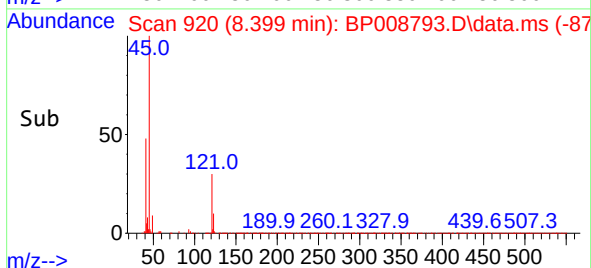
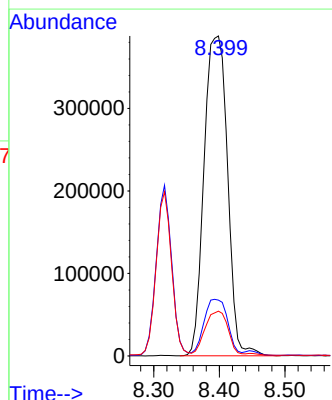
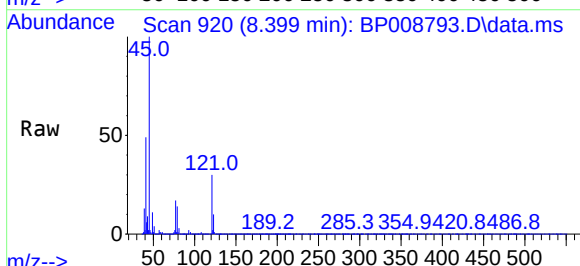
Tgt Ion: 45 Resp: 965025

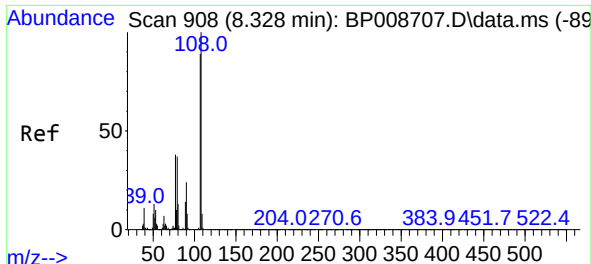
Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.4

79 14.0 0.0 34.1

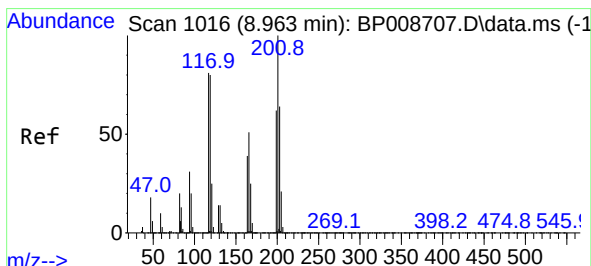
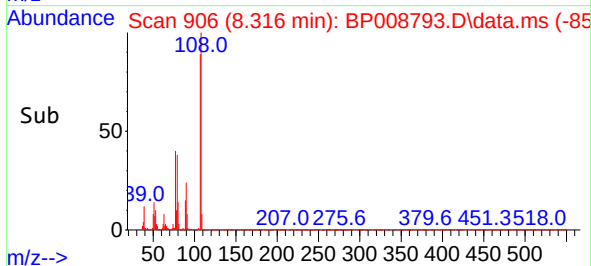
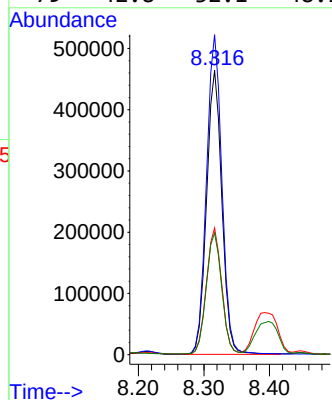
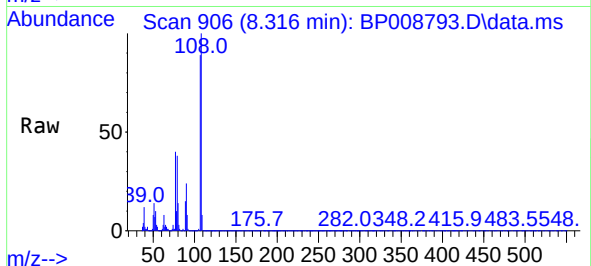




#17
2-Methylphenol
Concen: 37.621 ng
RT: 8.316 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

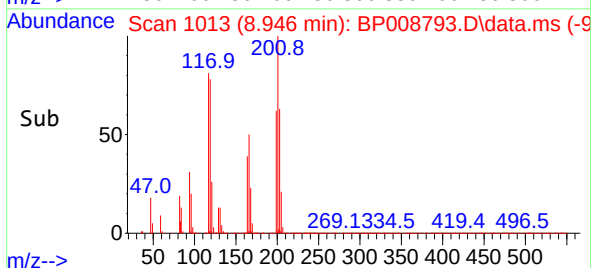
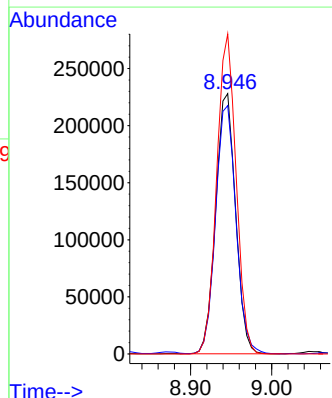
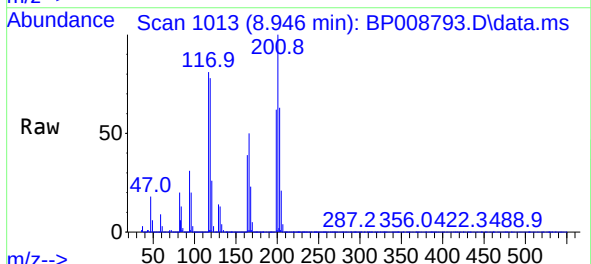
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

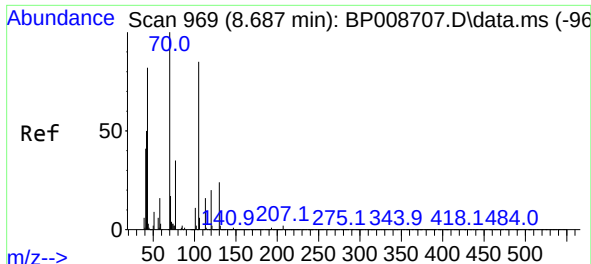
Tgt Ion:107 Resp: 754384
Ion Ratio Lower Upper
107 100
108 112.5 90.0 135.0
77 44.6 32.7 49.1
79 42.8 32.1 48.1



#18
Hexachloroethane
Concen: 41.804 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:117 Resp: 388471
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3
201 122.9 93.7 140.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.009 ng

RT: 8.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP008793.D

Acq: 13 Jan 2022 16:50

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMSD

Tgt Ion: 70 Resp: 627623

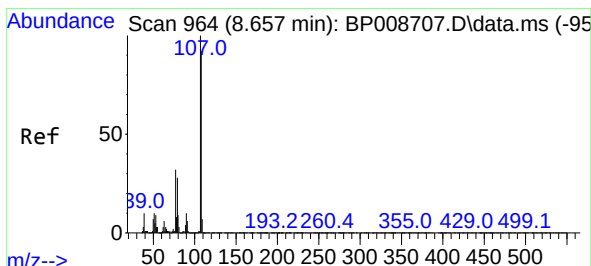
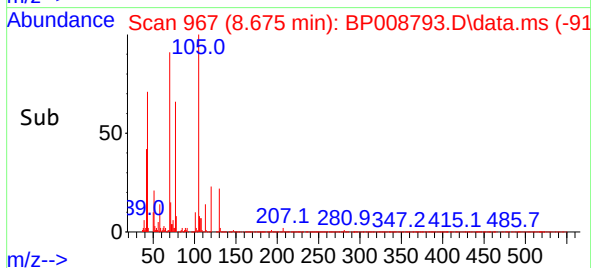
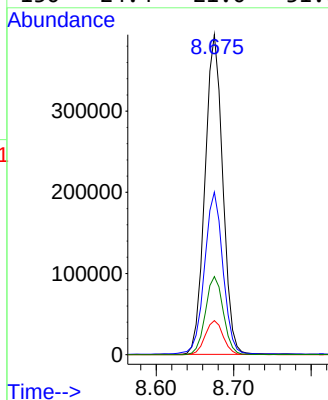
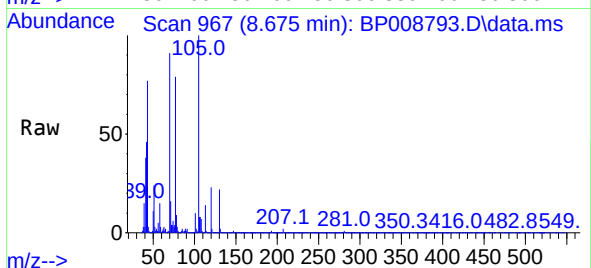
Ion Ratio Lower Upper

70 100

42 50.8 38.2 57.2

101 10.7 8.7 13.1

130 24.4 21.0 31.6



#20

3+4-Methylphenols

Concen: 36.015 ng

RT: 8.646 min Scan# 962

Delta R.T. -0.000 min

Lab File: BP008793.D

Acq: 13 Jan 2022 16:50

Tgt Ion: 107 Resp: 1002044

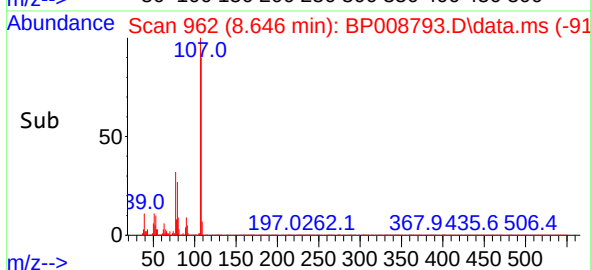
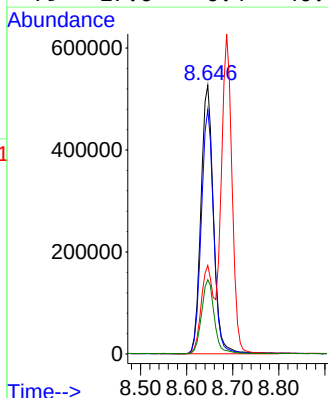
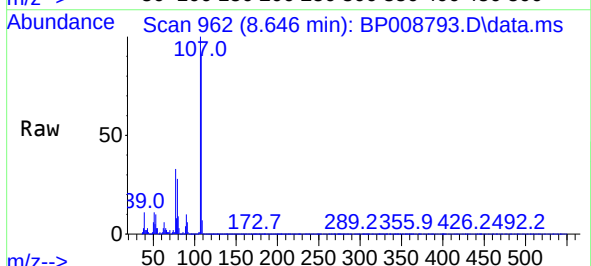
Ion Ratio Lower Upper

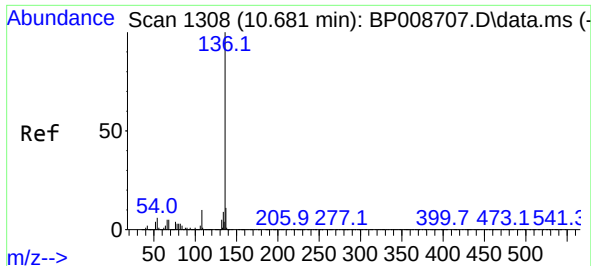
107 100

108 90.9 69.8 109.8

77 32.9 10.4 50.4

79 27.6 6.4 46.4



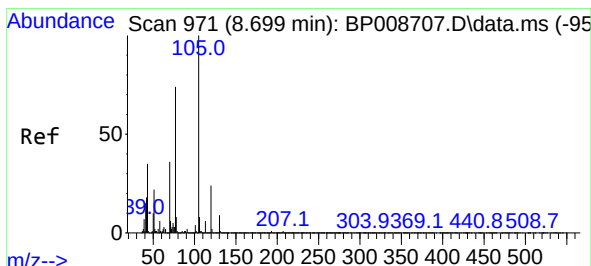
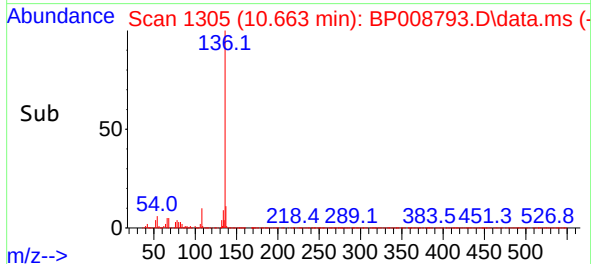
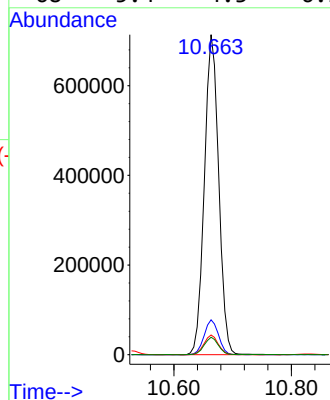
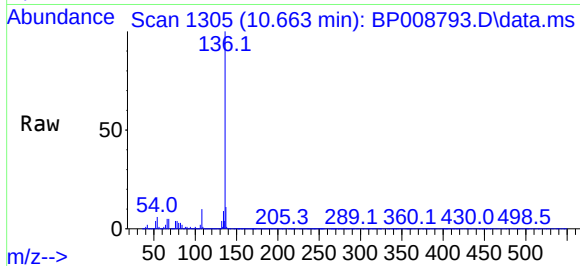


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

Tgt Ion:136 Resp: 1209840

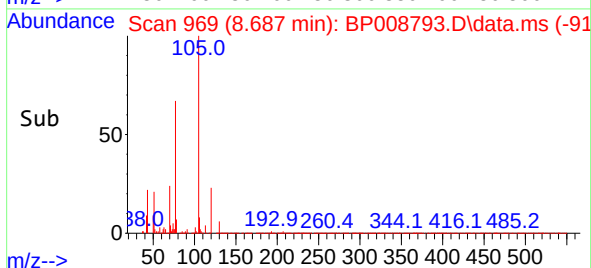
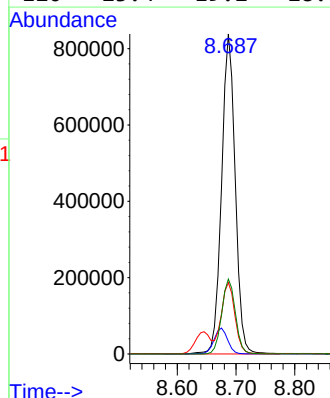
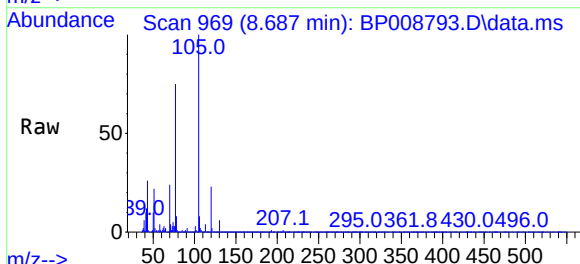
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.1	4.9	7.3
68	5.4	4.3	6.5

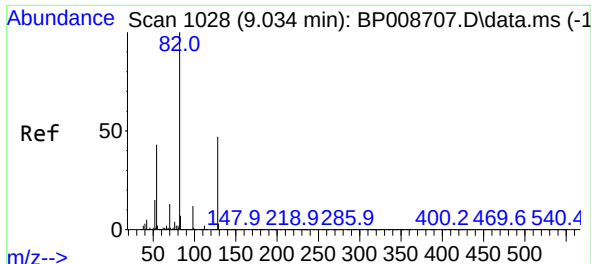


#22
Acetophenone
Concen: 42.437 ng
RT: 8.687 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:105 Resp: 1354697

Ion	Ratio	Lower	Upper
105	100		
71	3.9	5.3	7.9#
51	22.3	16.3	24.5
120	23.4	19.2	28.8



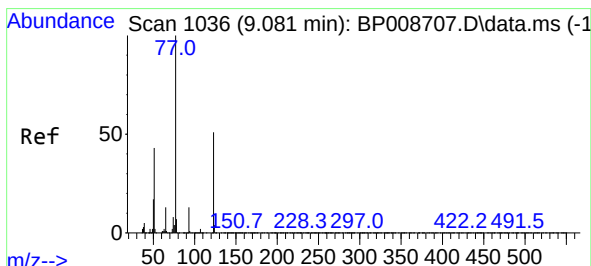
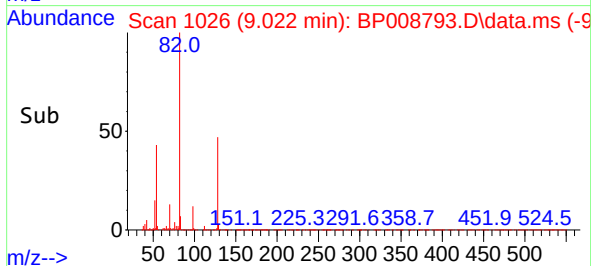
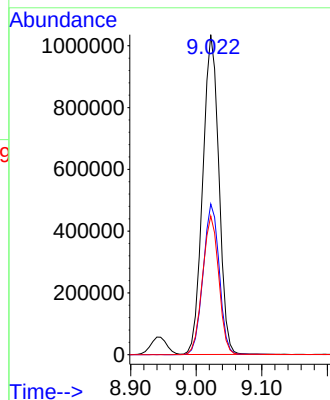
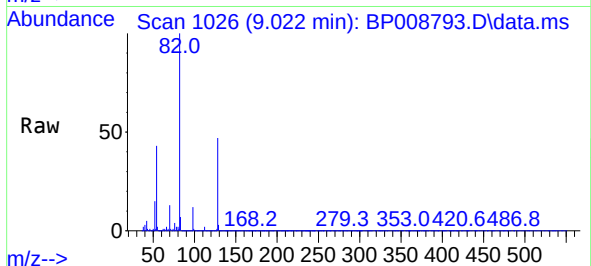


#23
Nitrobenzene-d5
Concen: 83.093 ng
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

Tgt Ion: 82 Resp: 1775111

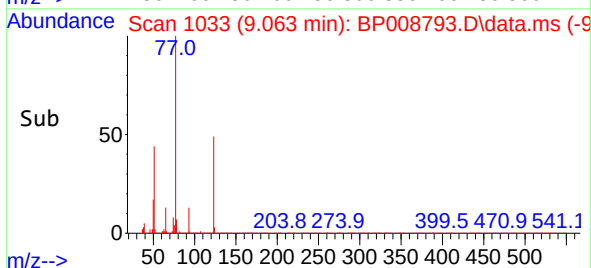
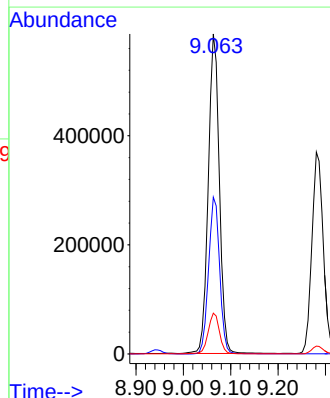
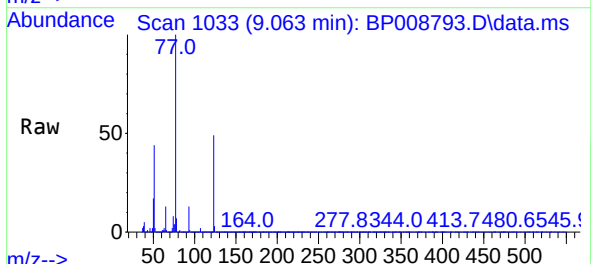
Ion	Ratio	Lower	Upper
82	100		
128	47.1	39.4	59.2
54	43.3	32.6	48.8

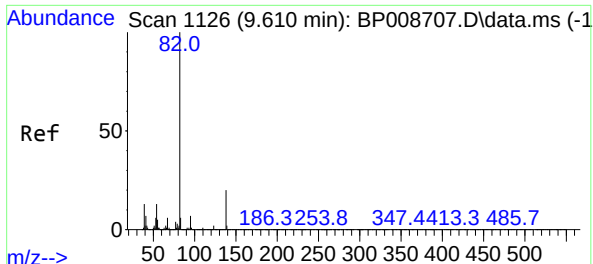


#24
Nitrobenzene
Concen: 43.917 ng
RT: 9.063 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 77 Resp: 949743

Ion	Ratio	Lower	Upper
77	100		
123	49.0	41.4	62.2
65	12.8	9.8	14.8

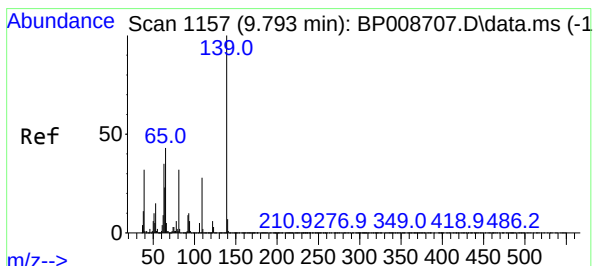
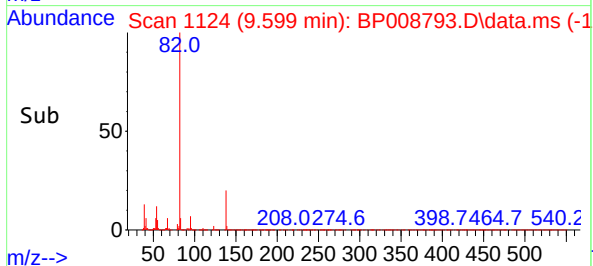
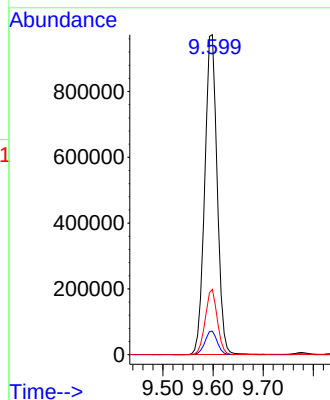
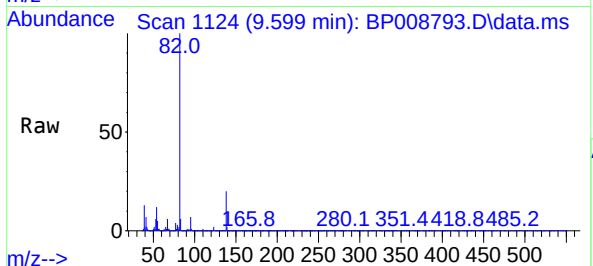




#25
Isophorone
Concen: 39.837 ng
RT: 9.599 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

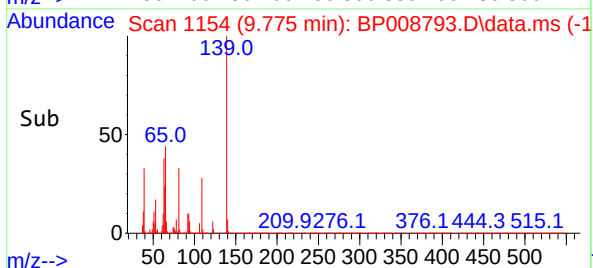
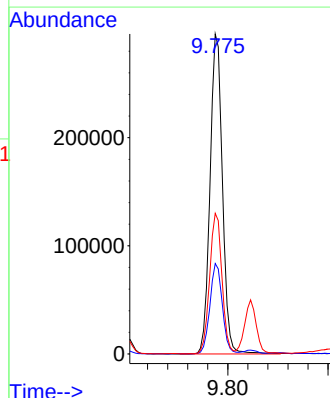
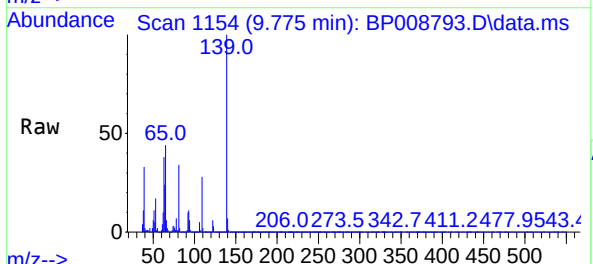
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

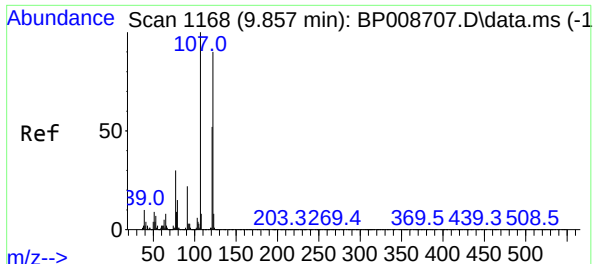
Tgt Ion: 82 Resp: 1673723
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.2
138 20.4 16.6 24.8



#26
2-Nitrophenol
Concen: 45.106 ng
RT: 9.775 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 139 Resp: 508696
Ion Ratio Lower Upper
139 100
109 28.3 20.7 31.1
65 43.9 31.6 47.4

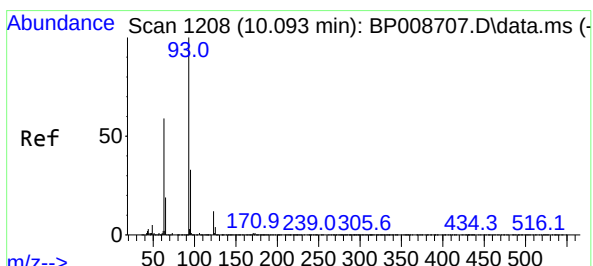
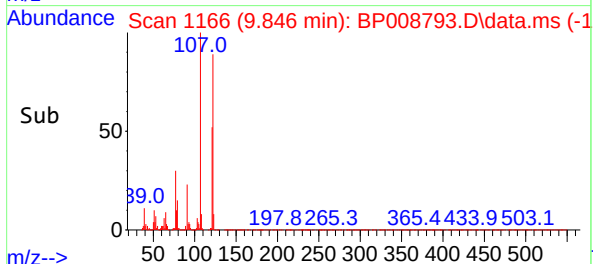
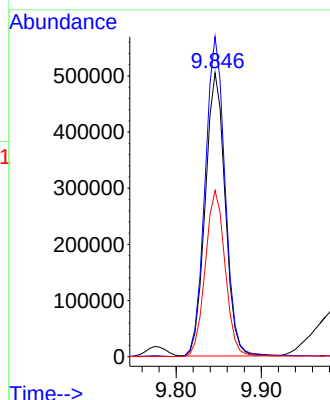
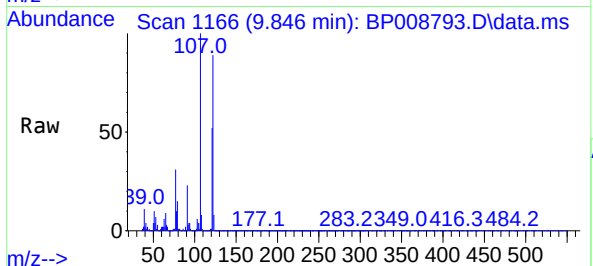




#27
2,4-Dimethylphenol
Concen: 40.440 ng
RT: 9.846 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

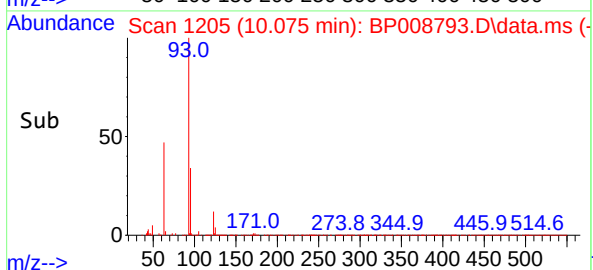
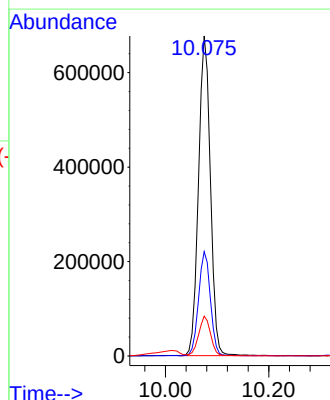
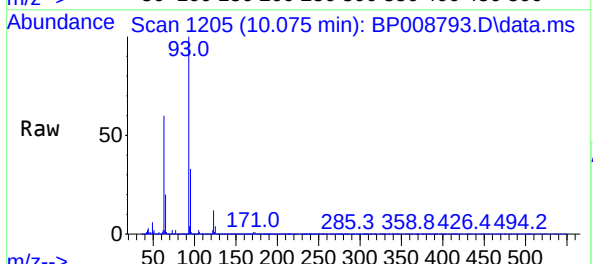
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

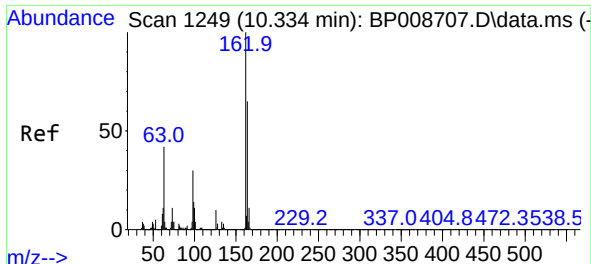
Tgt Ion:122 Resp: 816956
Ion Ratio Lower Upper
122 100
107 112.8 89.6 134.4
121 58.6 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.159 ng
RT: 10.075 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 93 Resp: 1078228
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 12.4 9.7 14.5

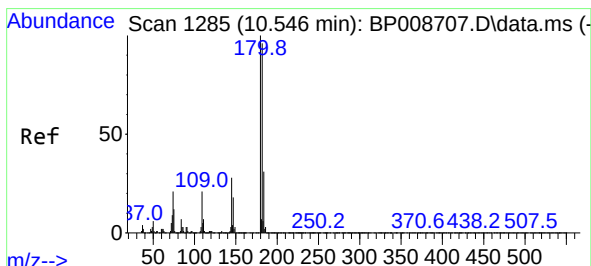
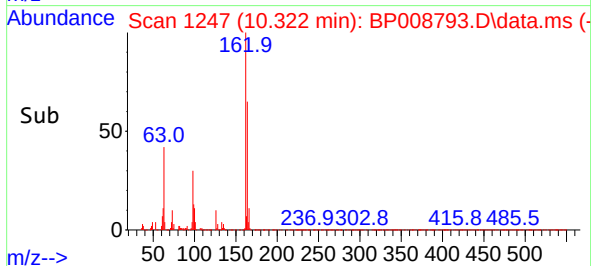
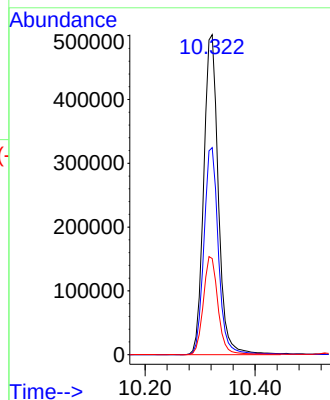
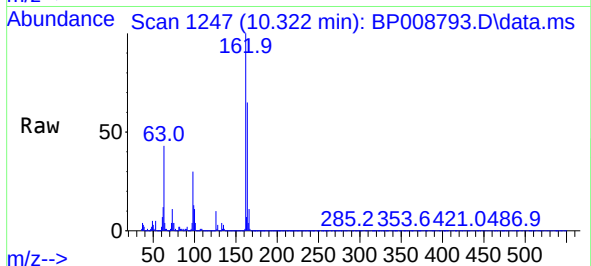




#29
2,4-Dichlorophenol
Concen: 42.707 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

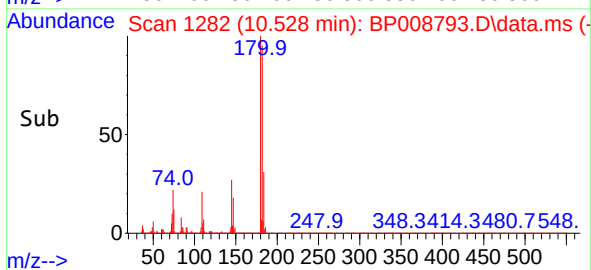
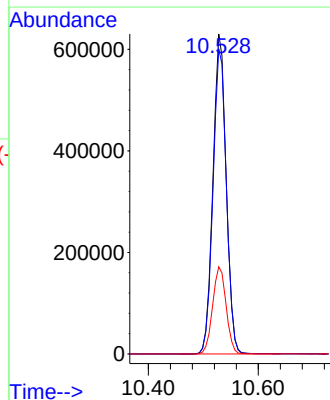
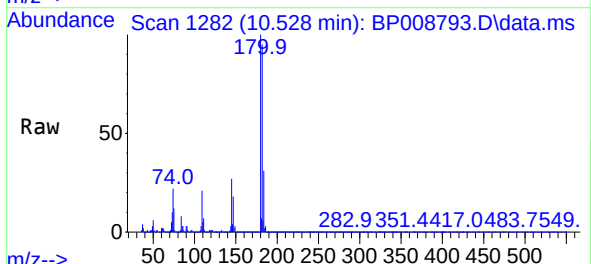
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

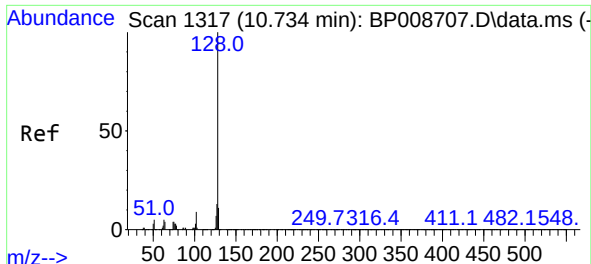
Tgt Ion:162 Resp: 924842
Ion Ratio Lower Upper
162 100
164 64.7 44.9 84.9
98 30.0 11.2 51.2



#30
1,2,4-Trichlorobenzene
Concen: 44.545 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:180 Resp: 1050925
Ion Ratio Lower Upper
180 100
182 95.2 76.7 115.1
145 27.2 22.4 33.6

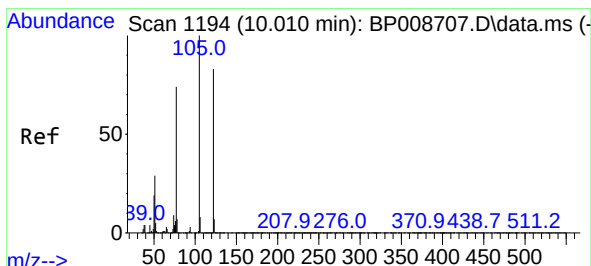
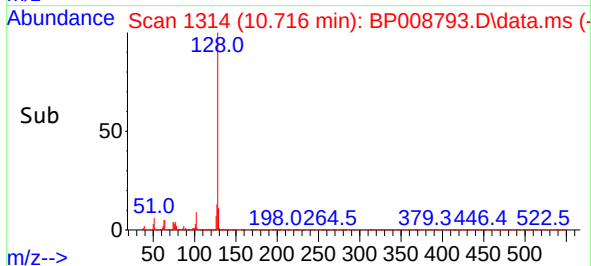
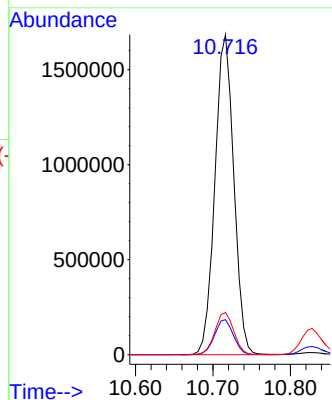
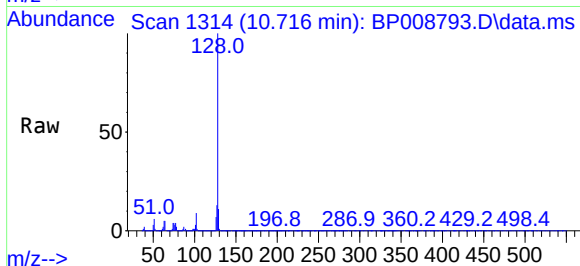




#31
Naphthalene
Concen: 43.523 ng
RT: 10.716 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

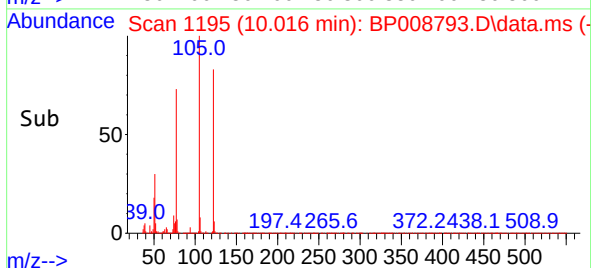
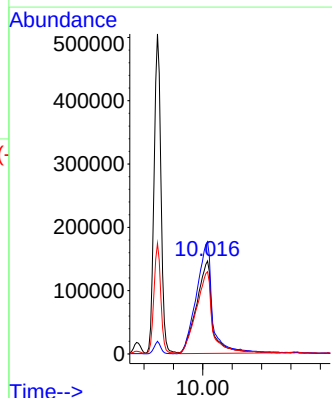
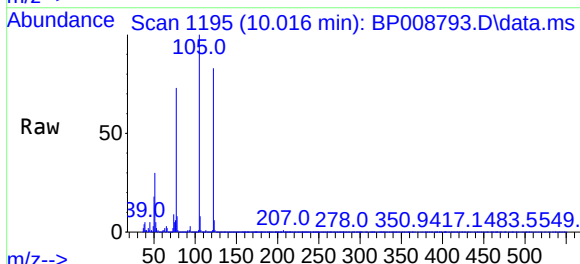
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

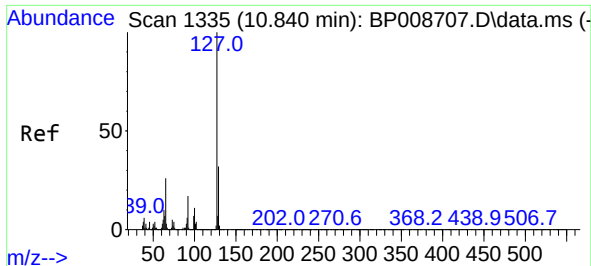
Tgt Ion:128 Resp: 2846994
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 41.111 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:122 Resp: 555250
Ion Ratio Lower Upper
122 100
105 120.6 100.1 140.1
77 88.4 65.5 105.5



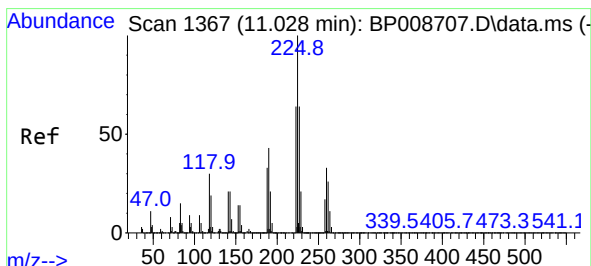
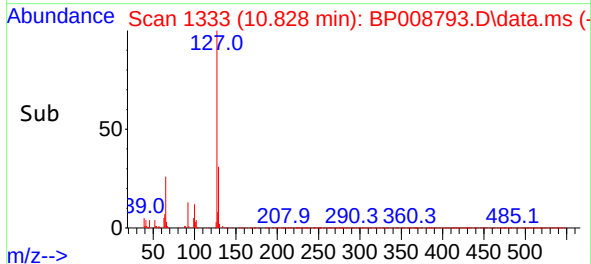
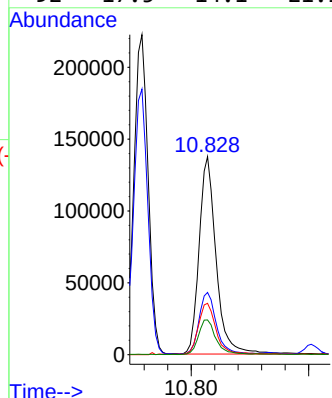
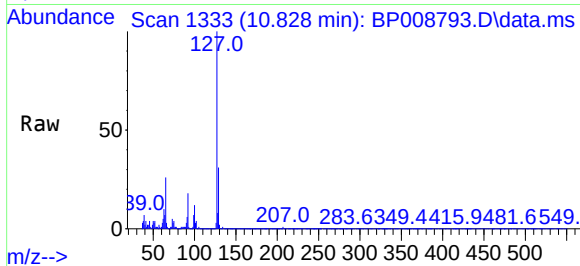


#33
4-Chloroaniline
Concen: 9.407 ng
RT: 10.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

Tgt Ion:127 Resp: 276175

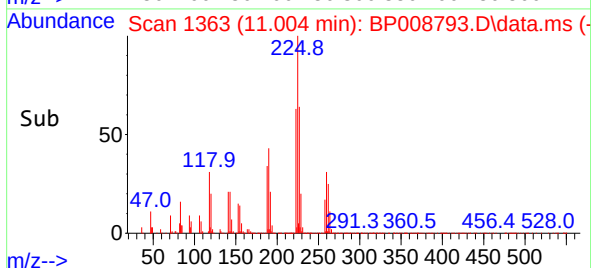
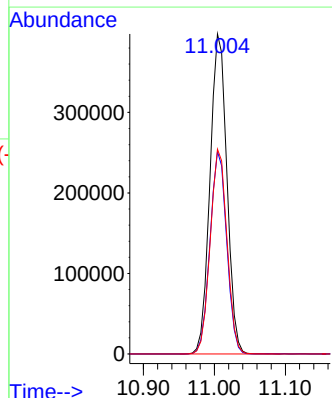
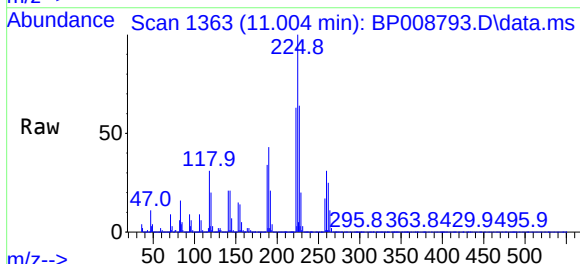
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	26.0	20.5	30.7
92	17.5	14.1	21.1

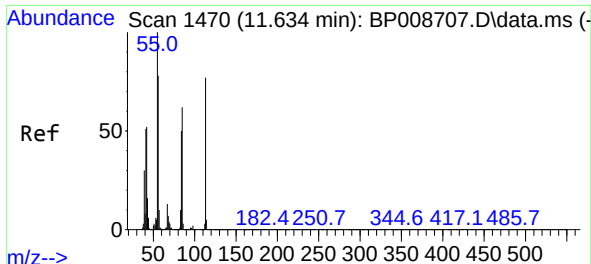


#34
Hexachlorobutadiene
Concen: 45.968 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:225 Resp: 655679

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.1	75.1
227	64.0	51.5	77.3

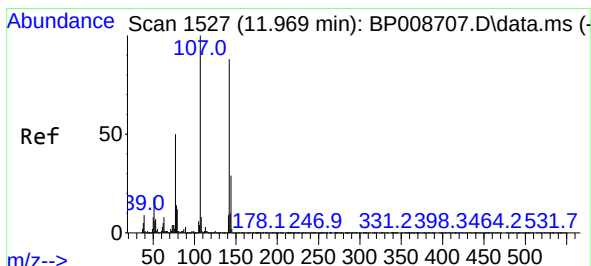
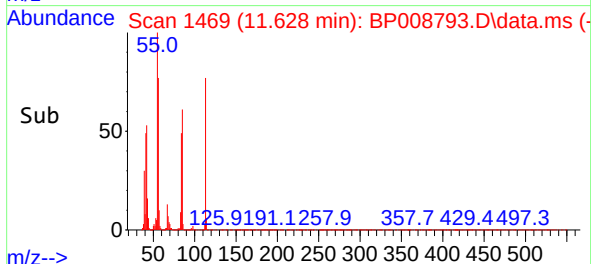
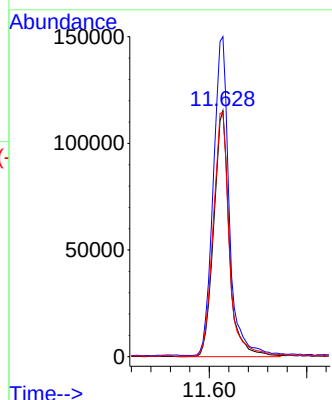
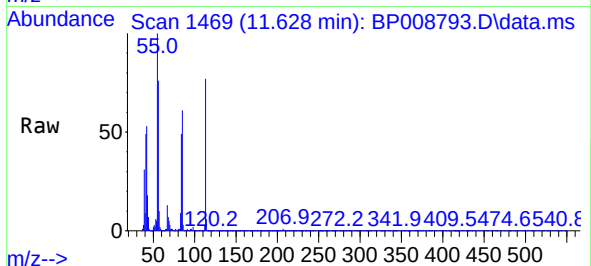




#35
Caprolactam
Concen: 33.118 ng
RT: 11.628 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

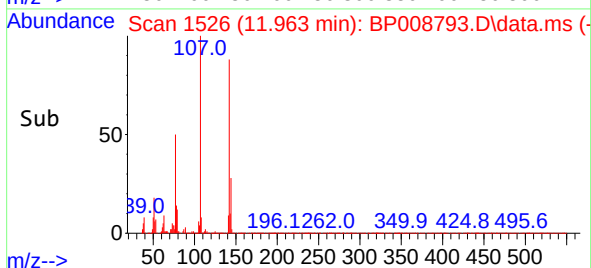
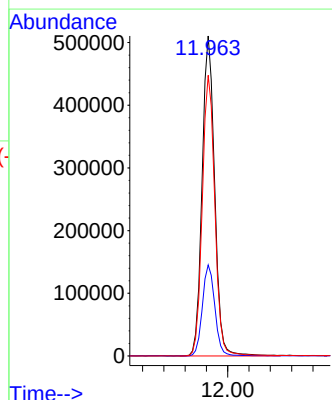
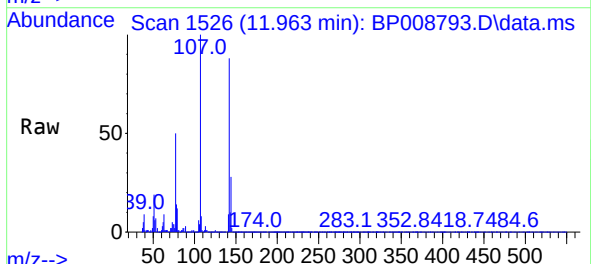
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

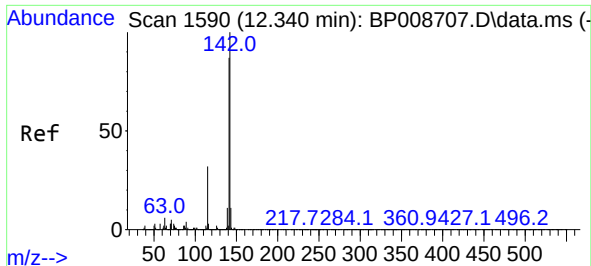
Tgt Ion:113 Resp: 254859
Ion Ratio Lower Upper
113 100
55 130.1 107.1 147.1
56 99.5 74.1 114.1



#36
4-Chloro-3-methylphenol
Concen: 37.972 ng
RT: 11.963 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:107 Resp: 832882
Ion Ratio Lower Upper
107 100
144 28.4 23.2 34.8
142 87.7 70.1 105.1

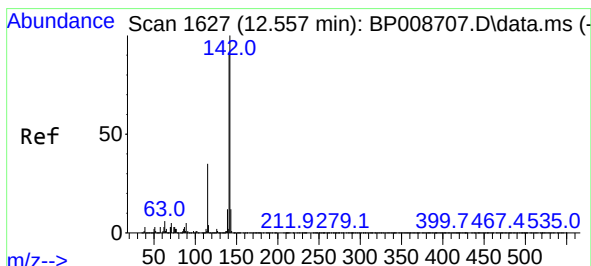
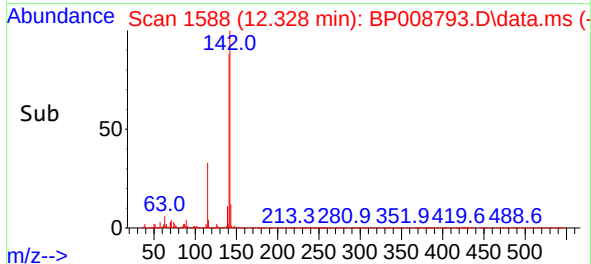
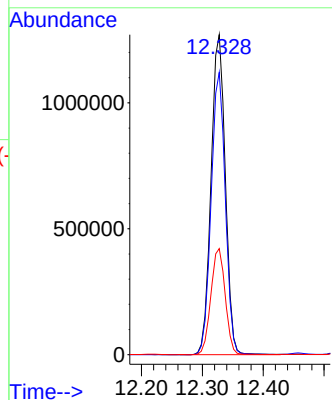
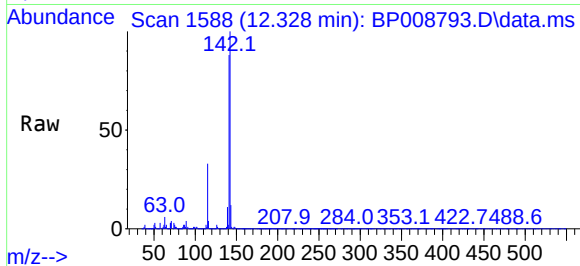




#37
2-Methylnaphthalene
Concen: 40.091 ng
RT: 12.328 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

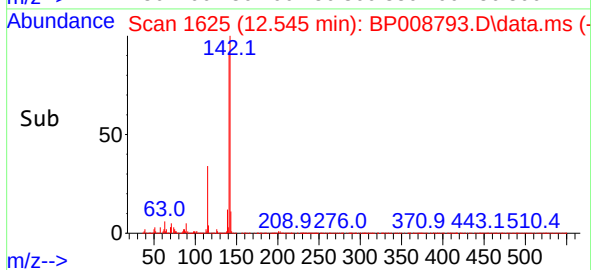
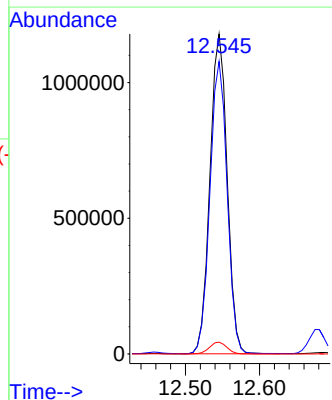
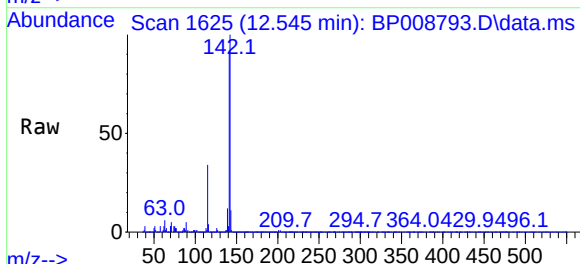
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

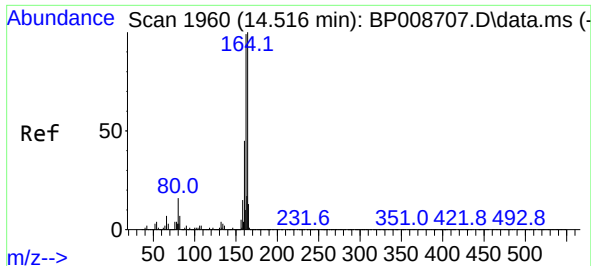
Tgt Ion:142 Resp: 2063307
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7
115 33.2 24.6 36.8



#38
1-Methylnaphthalene
Concen: 39.712 ng
RT: 12.545 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:142 Resp: 1898212
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8
116 3.7 2.7 4.1

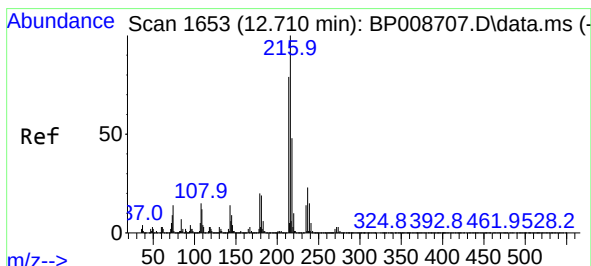
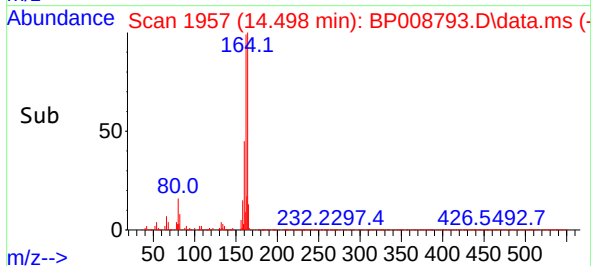
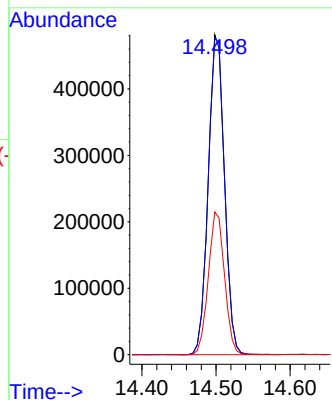
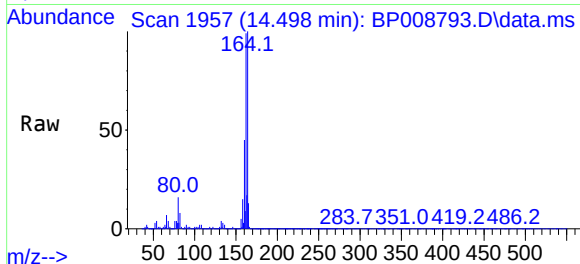




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

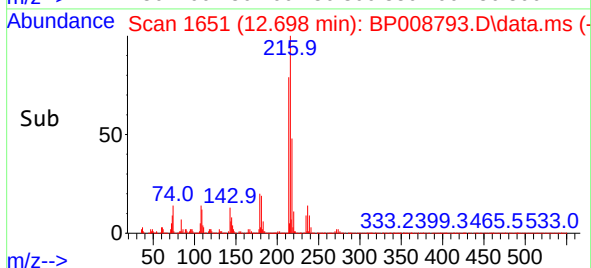
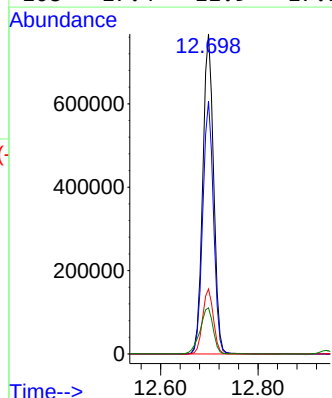
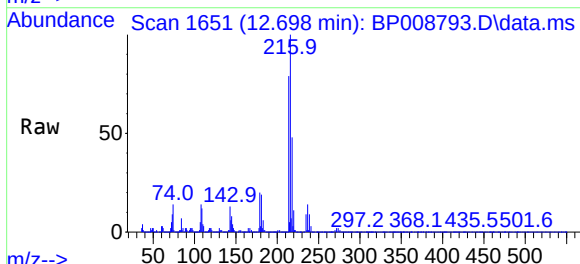
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ClientSampleId :
MR-SOILPILEMSD

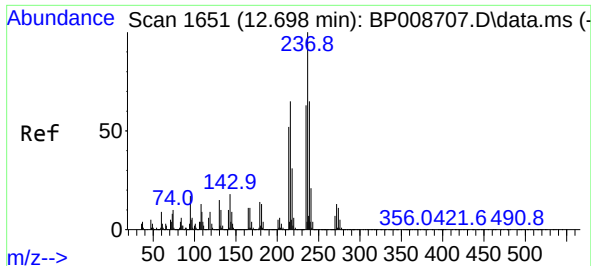
Tgt Ion:164 Resp: 728958
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 44.6 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.762 ng
RT: 12.698 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:216 Resp: 1181562
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 20.2 16.0 24.0
108 17.4 11.9 17.9

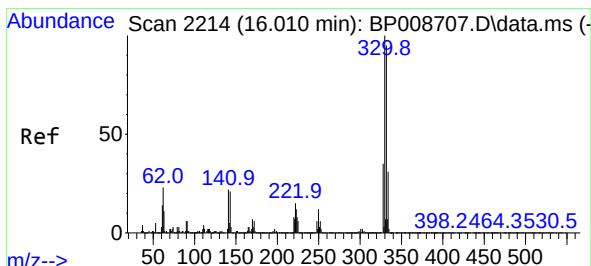
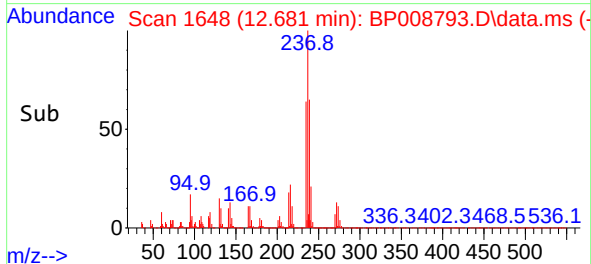
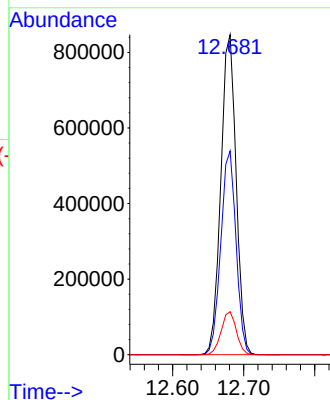
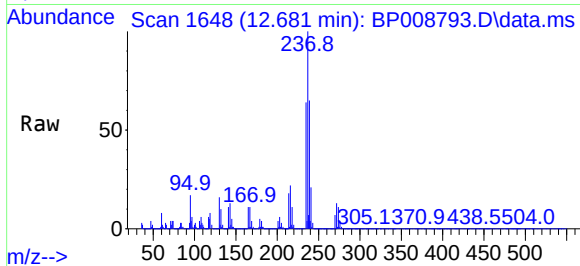




#41
Hexachlorocyclopentadiene
Concen: 87.544 ng
RT: 12.681 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

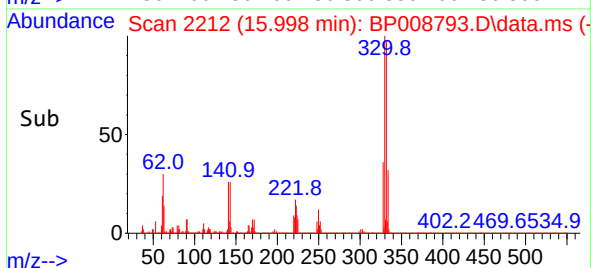
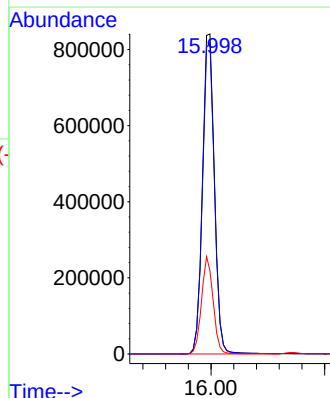
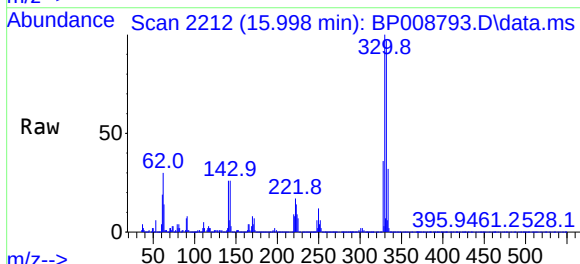
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ClientSampleId :
MR-SOILPILEMSD

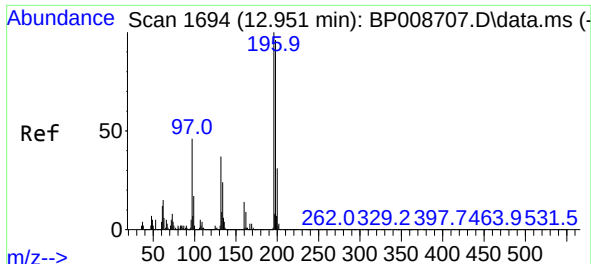
Tgt Ion:237 Resp: 1261136
Ion Ratio Lower Upper
237 100
235 63.7 42.9 82.9
272 13.5 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 99.946 ng
RT: 15.998 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:330 Resp: 1229164
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 29.5 21.3 31.9

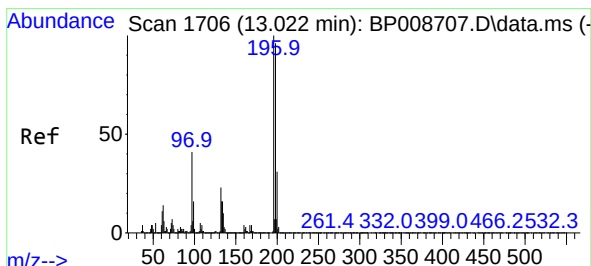
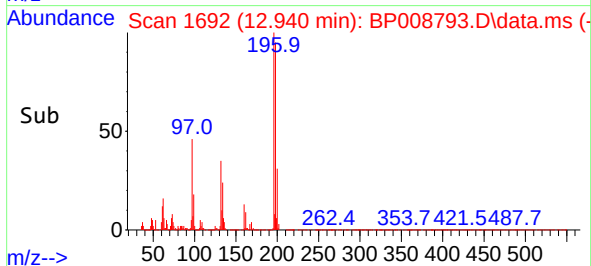
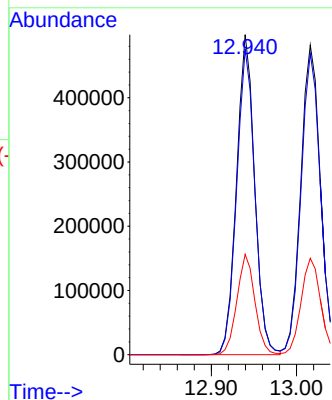
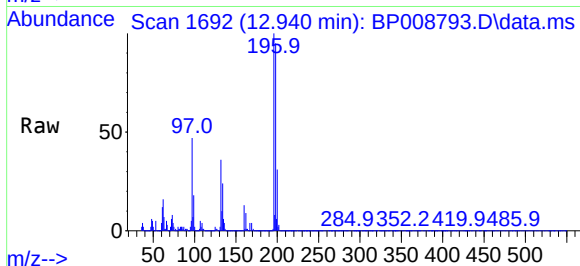




#43
2,4,6-Trichlorophenol
Concen: 45.714 ng
RT: 12.940 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

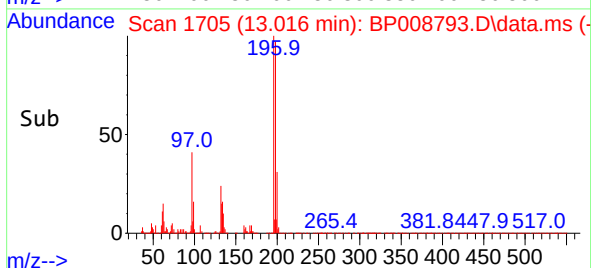
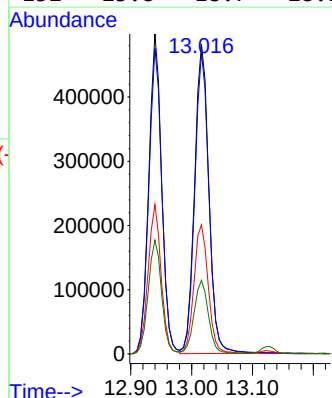
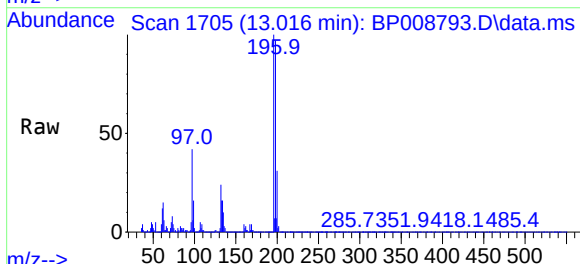
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

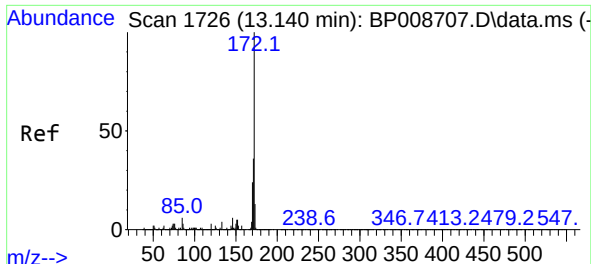
Tgt Ion:196 Resp: 737524
Ion Ratio Lower Upper
196 100
198 95.5 77.8 116.8
200 31.3 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.305 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:196 Resp: 785711
Ion Ratio Lower Upper
196 100
198 97.3 77.7 116.5
97 41.7 29.6 44.4
132 23.8 18.7 28.1

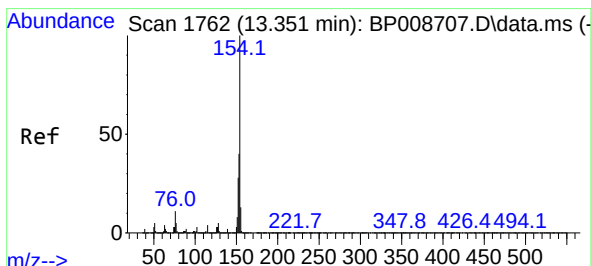
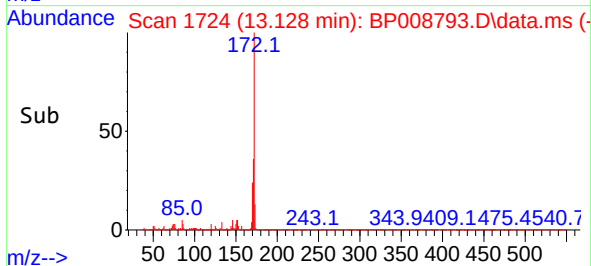
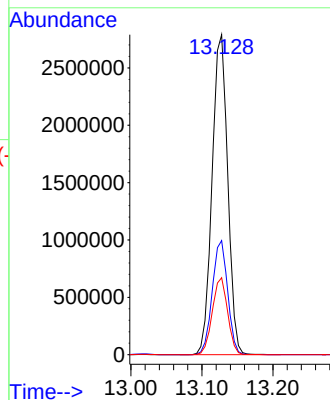
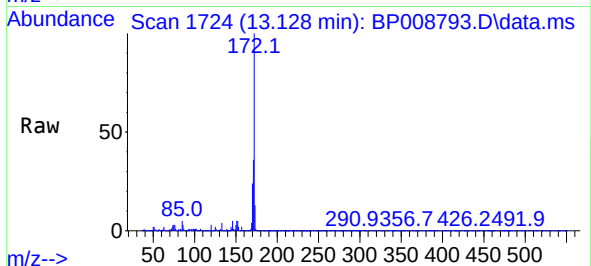




#45
2-Fluorobiphenyl
Concen: 82.017 ng
RT: 13.128 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

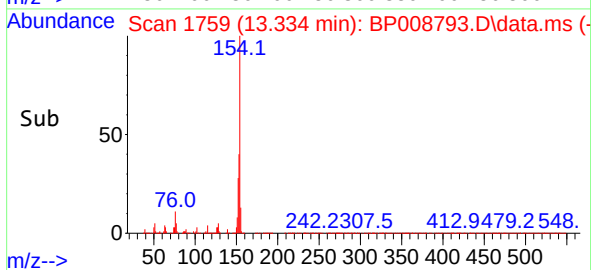
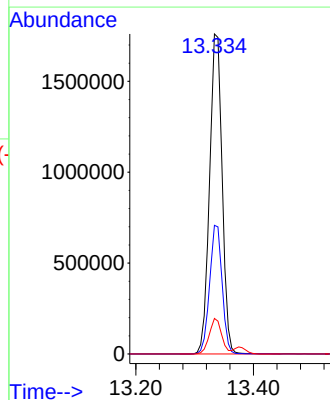
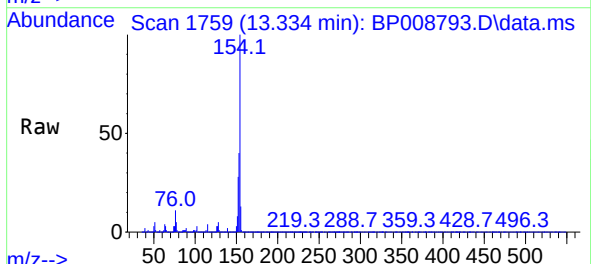
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

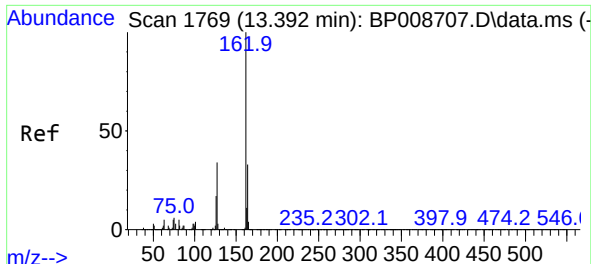
Tgt Ion:172 Resp: 4252604
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.1 19.5 29.3



#46
1,1'-Biphenyl
Concen: 46.008 ng
RT: 13.334 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:154 Resp: 2614349
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 11.1 0.0 31.1

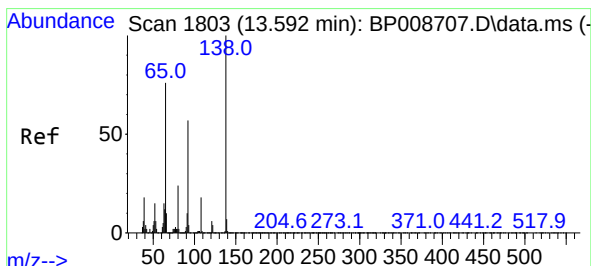
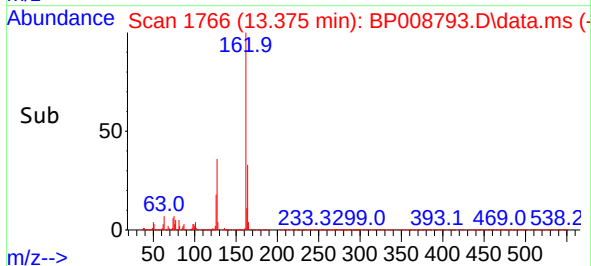
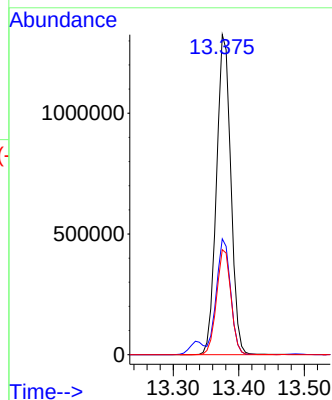
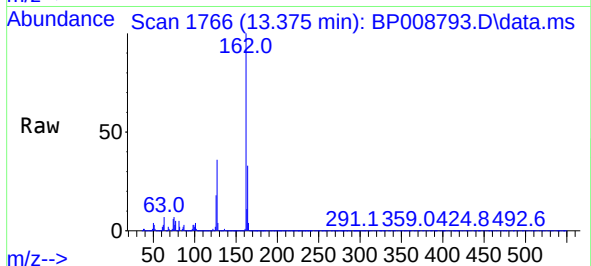




#47
2-Chloronaphthalene
Concen: 46.038 ng
RT: 13.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

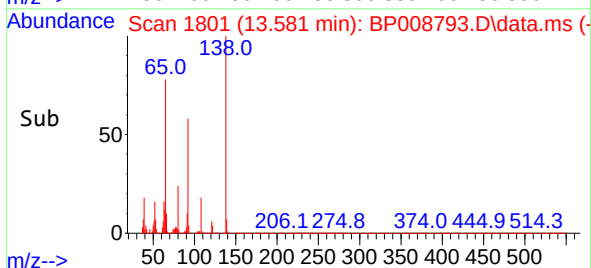
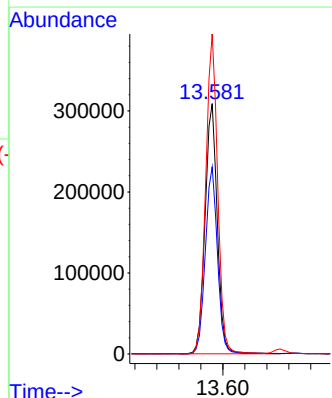
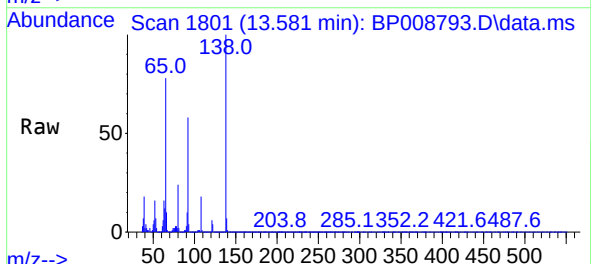
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

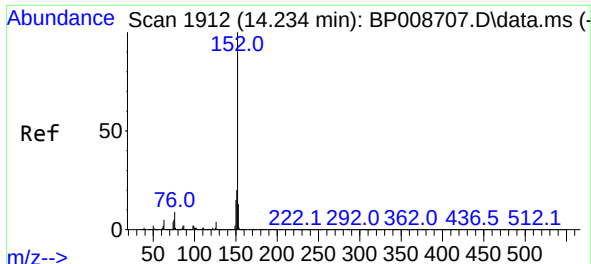
Tgt Ion:162 Resp: 2007906
Ion Ratio Lower Upper
162 100
127 36.2 28.4 42.6
164 32.8 26.8 40.2



#48
2-Nitroaniline
Concen: 44.812 ng
RT: 13.581 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 65 Resp: 477061
Ion Ratio Lower Upper
65 100
92 74.7 62.2 93.4
138 127.8 105.8 158.8

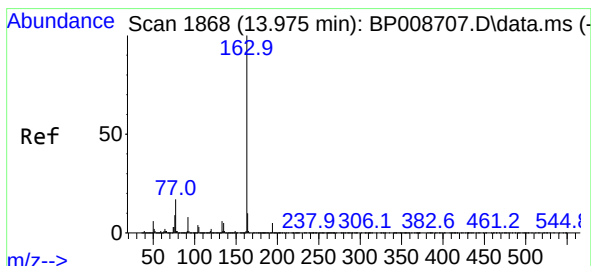
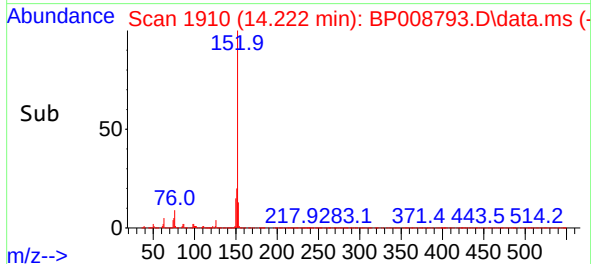
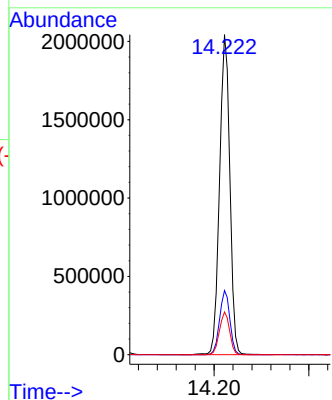
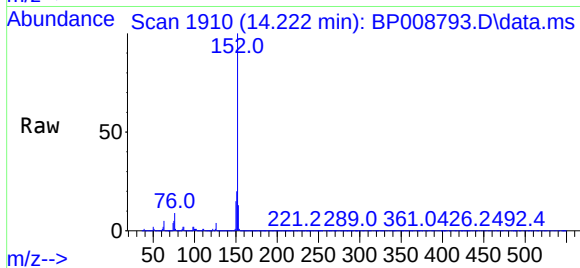




#49
Acenaphthylene
Concen: 44.214 ng
RT: 14.222 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

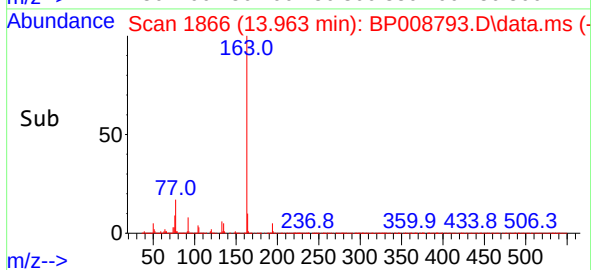
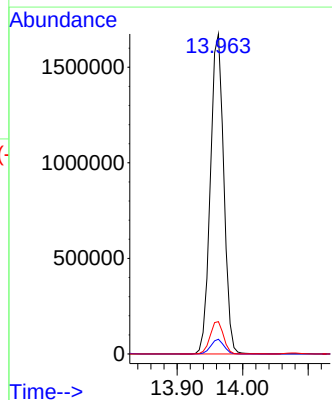
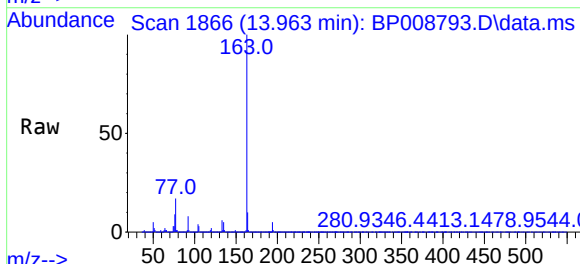
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

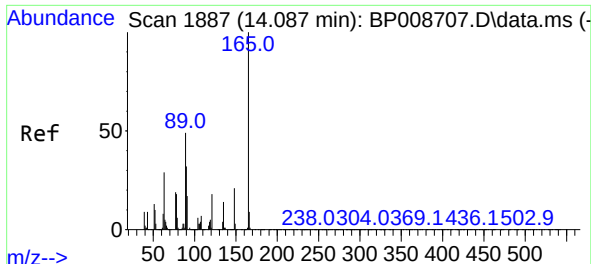
Tgt Ion:152 Resp: 3063513
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 41.018 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:163 Resp: 2376153
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.528 ng

RT: 14.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008793.D

Acq: 13 Jan 2022 16:50

Instrument :

BNA_P

ClientSampleId :

MR-SOILPILEMSD

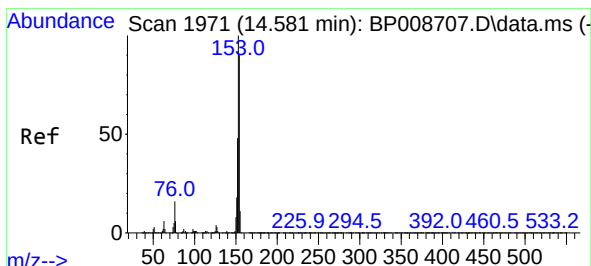
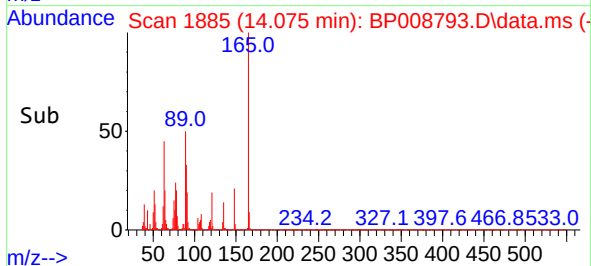
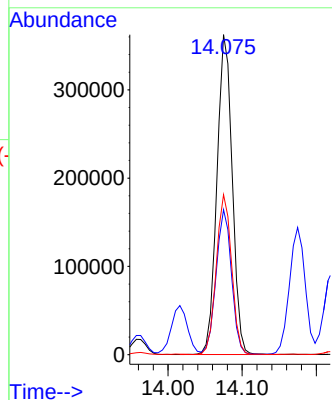
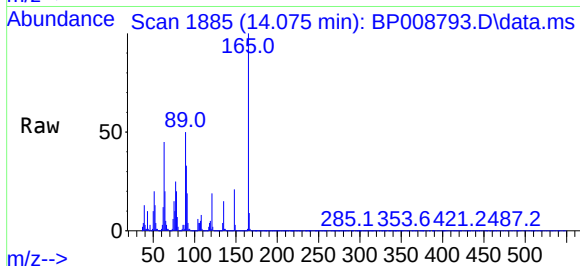
Tgt Ion:165 Resp: 520252

Ion Ratio Lower Upper

165 100

63 45.3 31.8 47.8

89 50.0 36.1 54.1



#52

Acenaphthene

Concen: 43.939 ng

RT: 14.569 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP008793.D

Acq: 13 Jan 2022 16:50

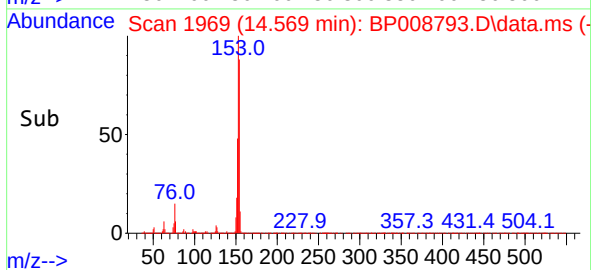
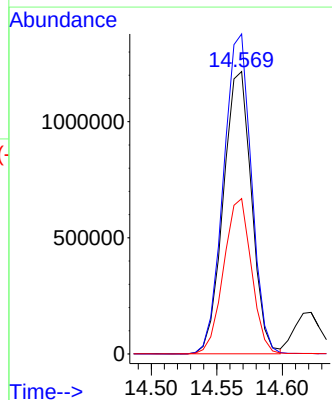
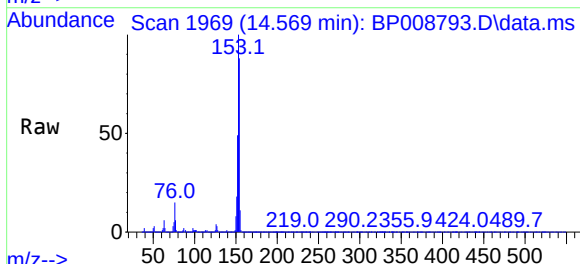
Tgt Ion:154 Resp: 1823464

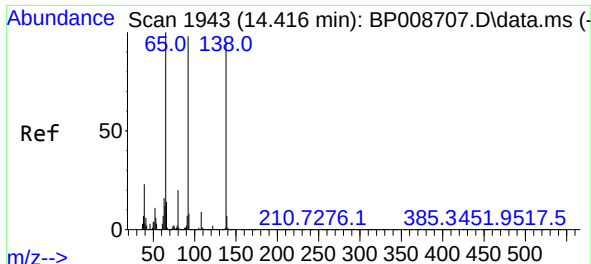
Ion Ratio Lower Upper

154 100

153 113.3 89.4 134.2

152 55.0 42.6 63.8

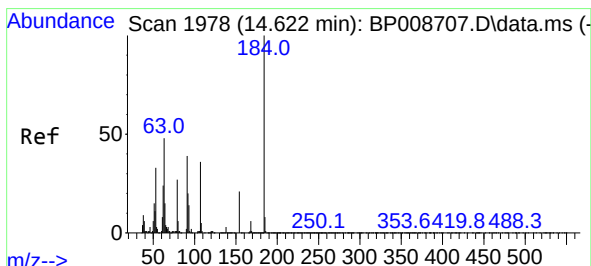
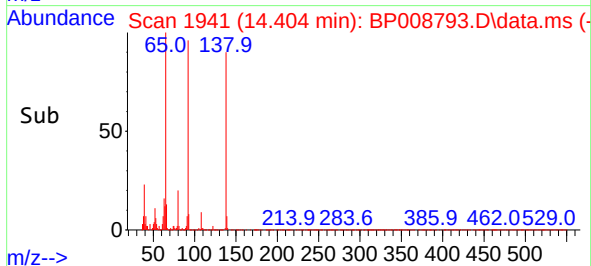
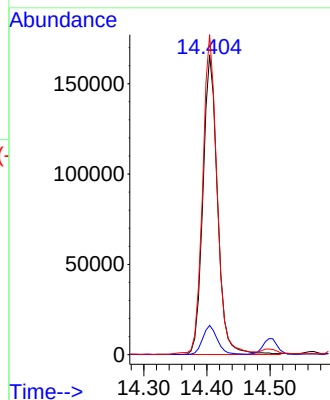
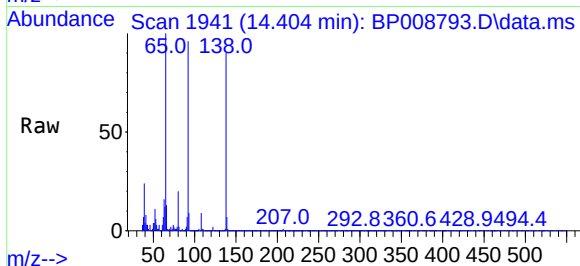




#53
3-Nitroaniline
Concen: 20.826 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

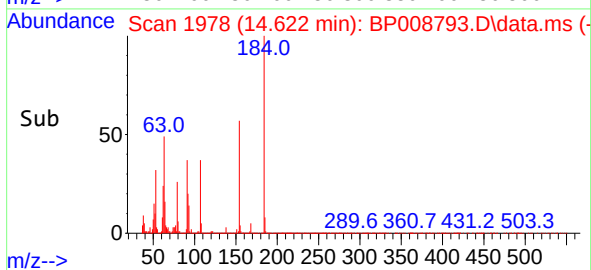
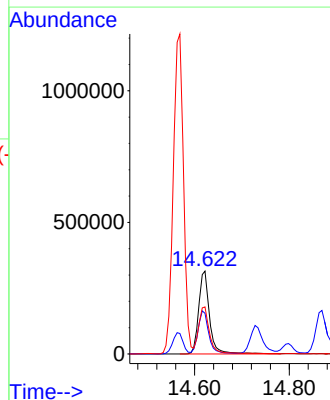
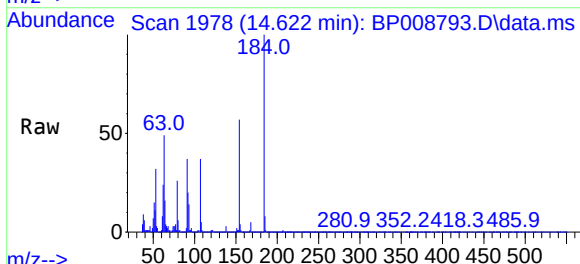
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ClientSampleId :
MR-SOILPILEMSD

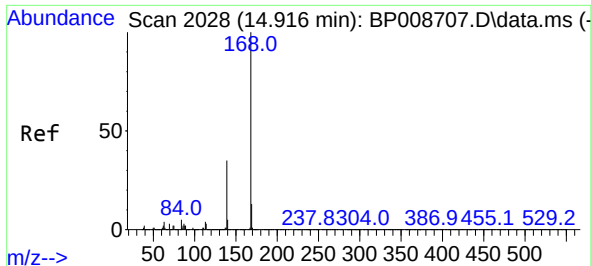
Tgt Ion:138 Resp: 266274
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 106.7 81.7 122.5



#54
2,4-Dinitrophenol
Concen: 78.990 ng
RT: 14.622 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:184 Resp: 504658
Ion Ratio Lower Upper
184 100
63 49.0 35.6 53.4
154 56.8 43.4 65.0

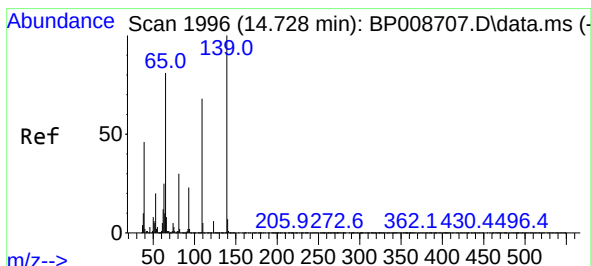
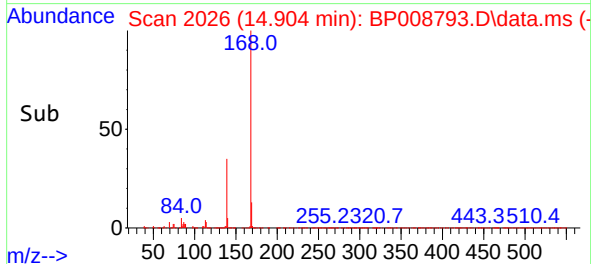
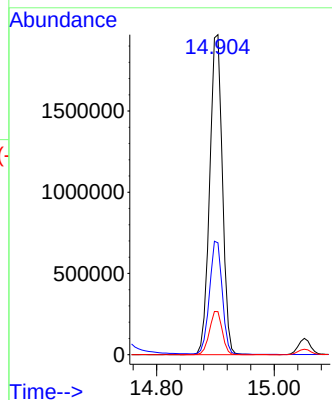
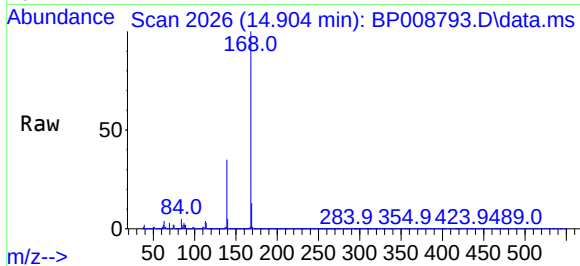




#55
Dibenzenofuran
Concen: 43.022 ng
RT: 14.904 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

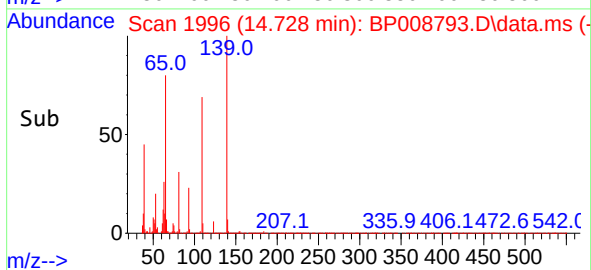
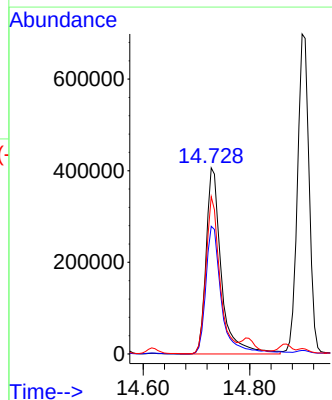
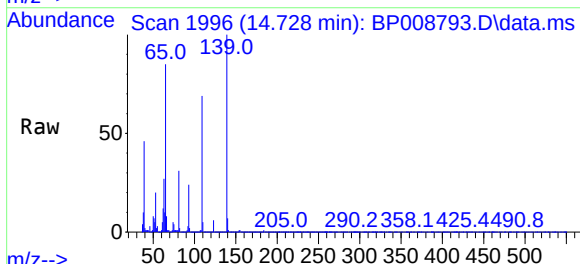
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

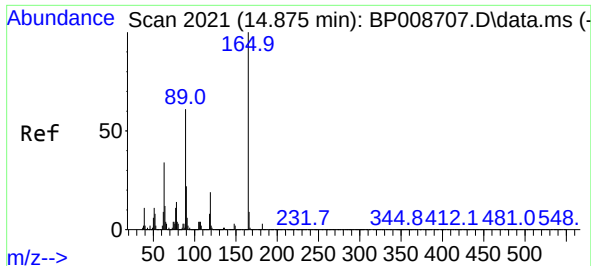
Tgt Ion:168 Resp: 2944432
Ion Ratio Lower Upper
168 100
139 35.0 27.4 41.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 75.640 ng
RT: 14.728 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:139 Resp: 805313
Ion Ratio Lower Upper
139 100
109 68.7 42.2 82.2
65 84.5 57.3 97.3

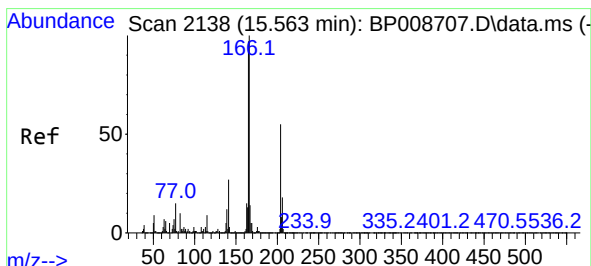
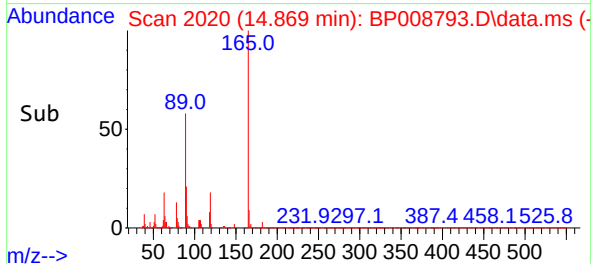
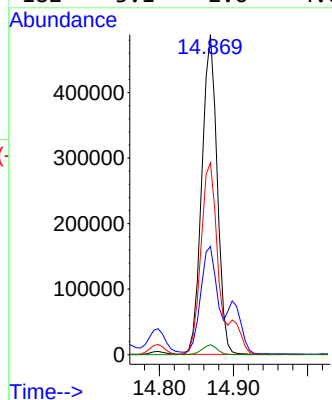
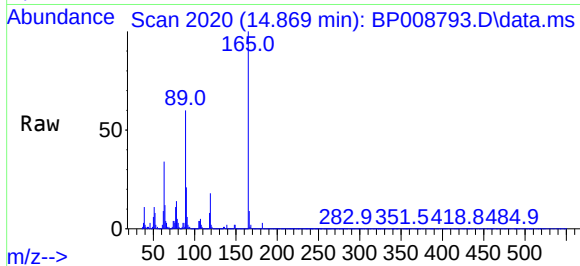




#57
2,4-Dinitrotoluene
Concen: 41.024 ng
RT: 14.869 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

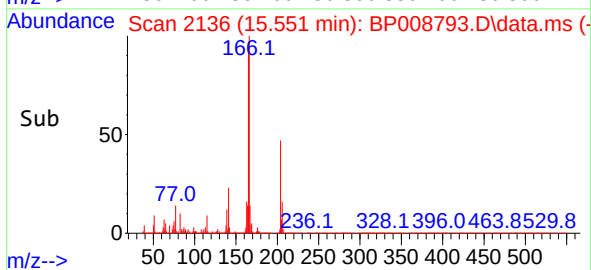
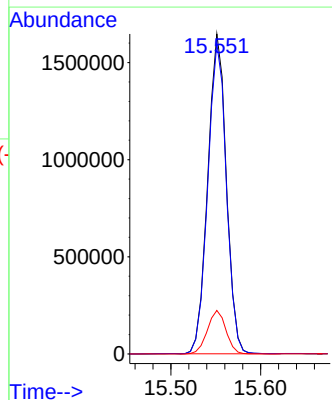
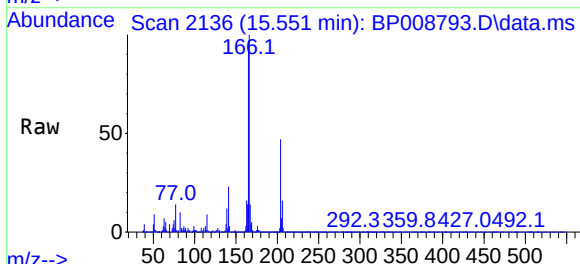
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BNA_P
ClientSampleId :
MR-SOILPILEMSD

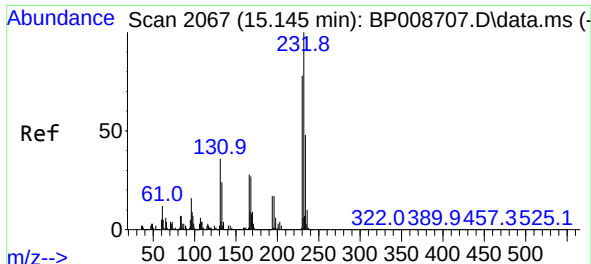
Tgt Ion:165 Resp: 701501
Ion Ratio Lower Upper
165 100
63 33.9 23.3 34.9
89 60.0 44.2 66.4
182 3.1 2.6 4.0



#58
Fluorene
Concen: 42.883 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:166 Resp: 2362503
Ion Ratio Lower Upper
166 100
165 97.0 77.2 115.8
167 13.6 11.2 16.8

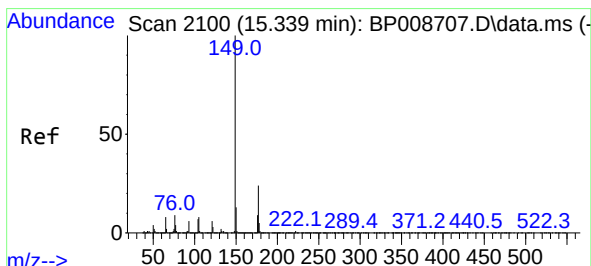
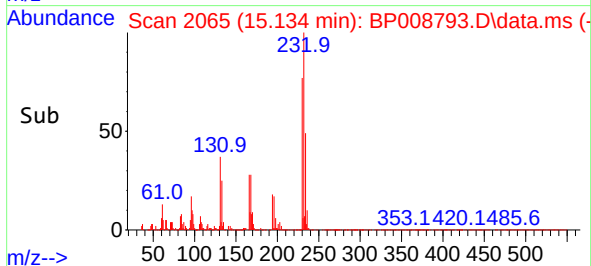
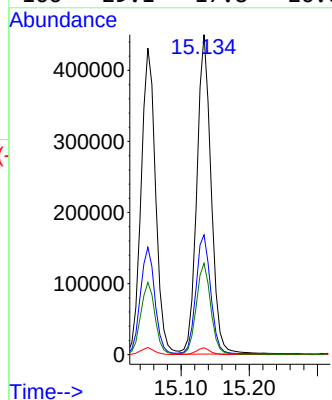
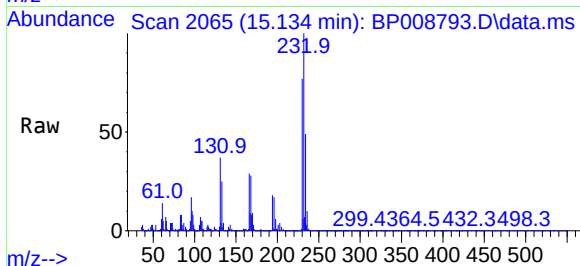




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.932 ng
RT: 15.134 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

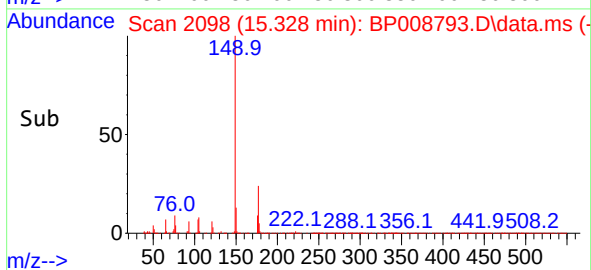
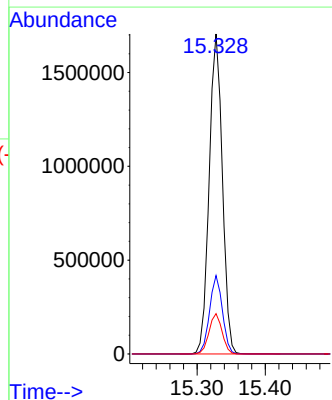
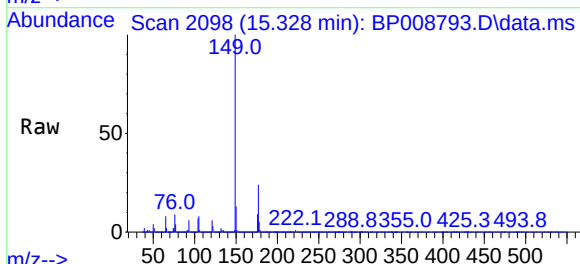
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BNA_P
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MR-SOILPILEMSD

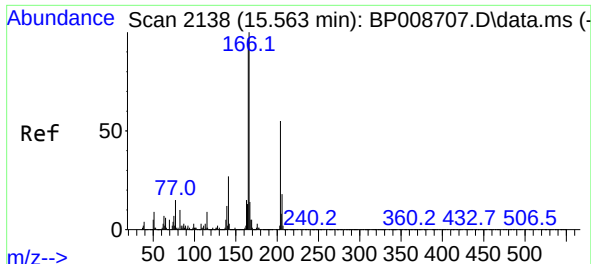
Tgt Ion:232 Resp: 652306
Ion Ratio Lower Upper
232 100
131 38.4 25.2 37.8#
130 2.0 1.4 2.2
166 29.1 17.8 26.6#



#60
Diethylphthalate
Concen: 40.791 ng
RT: 15.328 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:149 Resp: 2291304
Ion Ratio Lower Upper
149 100
177 24.5 19.9 29.9
150 12.6 10.3 15.5

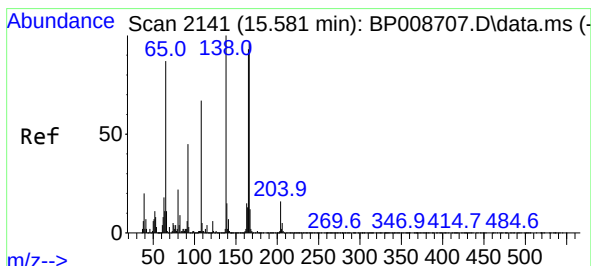
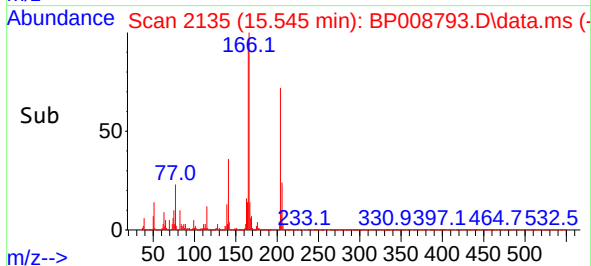
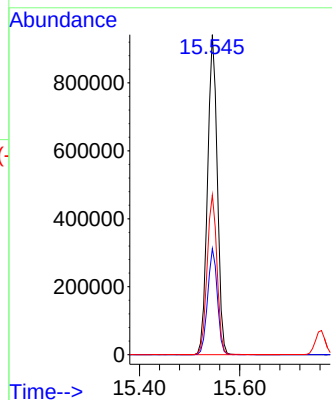
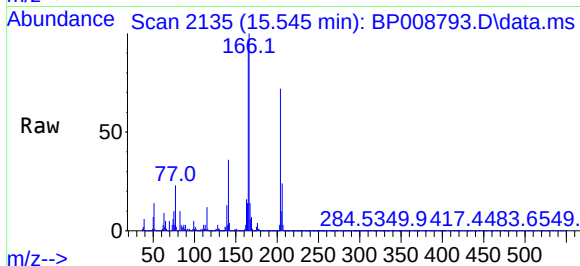




#61
4-Chlorophenyl-phenylether
Concen: 43.115 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

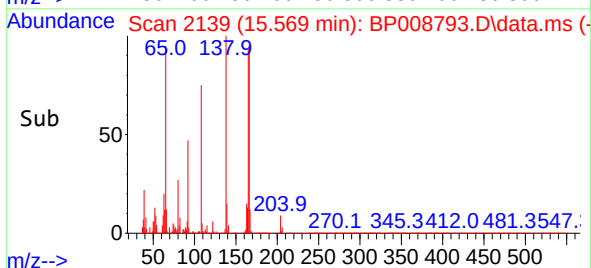
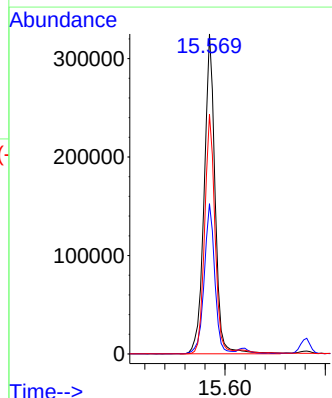
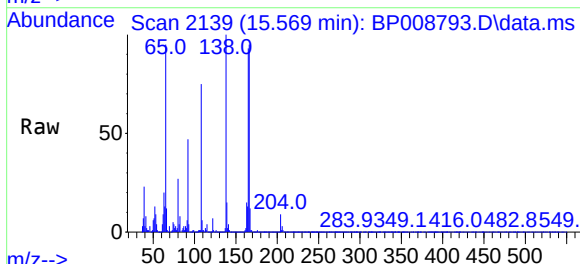
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

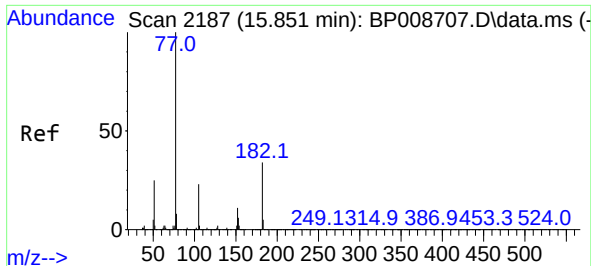
Tgt Ion:204 Resp: 1274398
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 49.9 39.1 58.7



#62
4-Nitroaniline
Concen: 37.156 ng
RT: 15.569 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:138 Resp: 493257
Ion Ratio Lower Upper
138 100
92 47.0 24.3 64.3
108 74.9 44.8 84.8



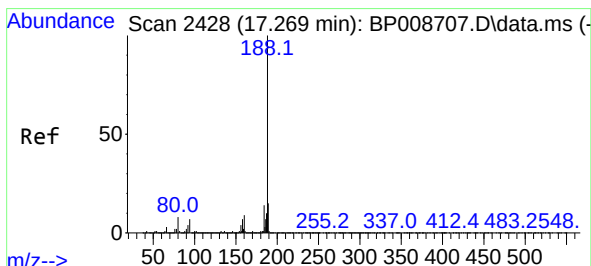
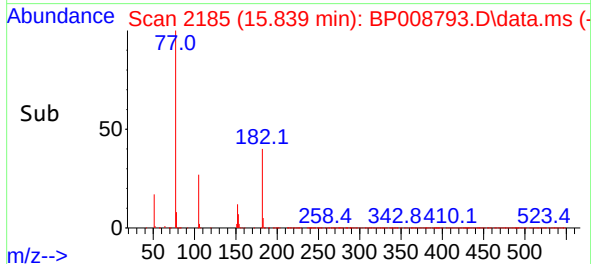
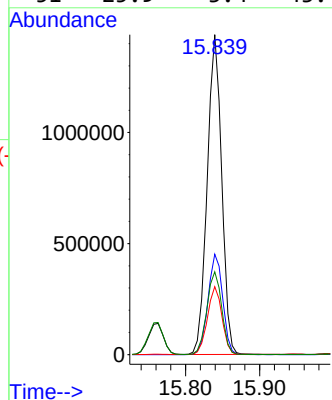
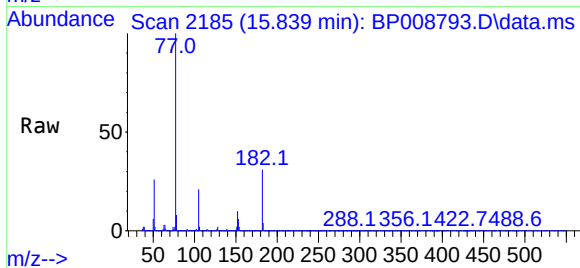


#63
Azobenzene
Concen: 44.378 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

Tgt Ion: 77 Resp: 1953987

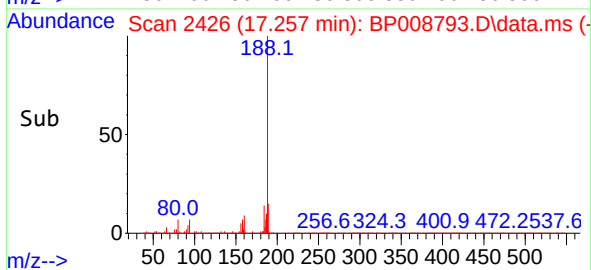
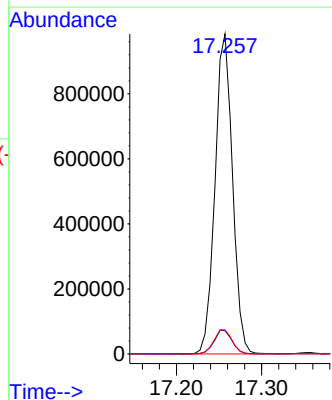
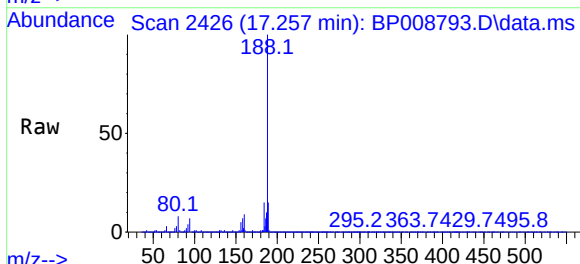
Ion	Ratio	Lower	Upper
77	100		
182	31.4	15.3	55.3
105	21.3	3.2	43.2
51	25.9	3.4	43.4

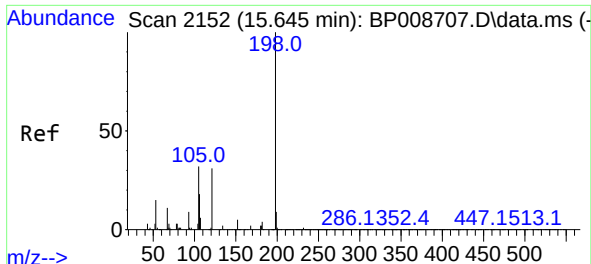


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion: 188 Resp: 1402461

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.8	10.2
80	7.5	7.2	10.8

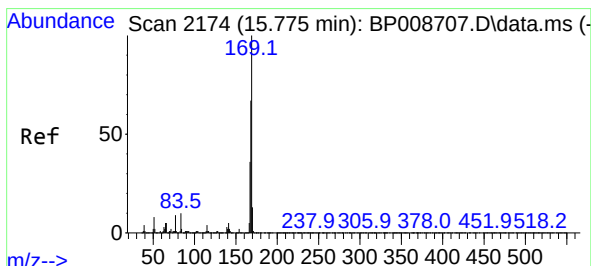
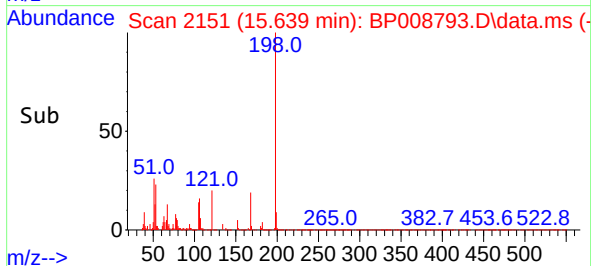
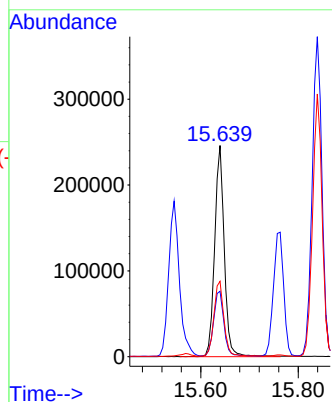
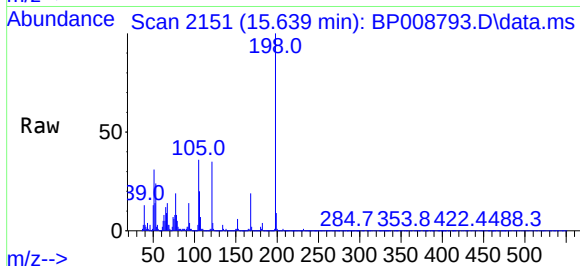




#65
4,6-Dinitro-2-methylphenol
Concen: 43.141 ng
RT: 15.639 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

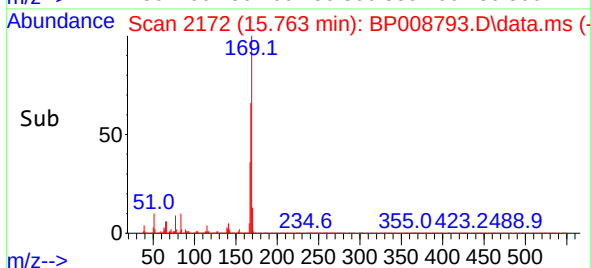
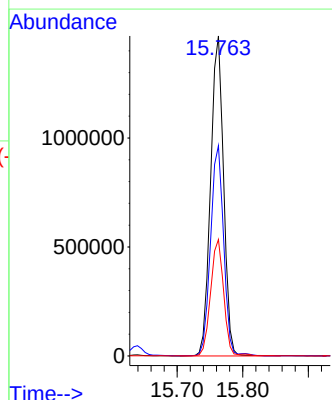
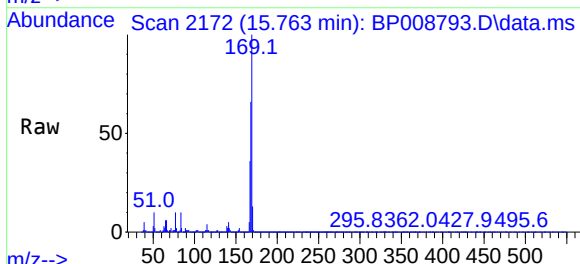
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

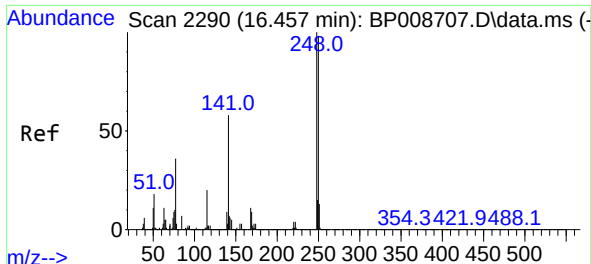
Tgt Ion:198 Resp: 335693
Ion Ratio Lower Upper
198 100
51 31.0 6.8 46.8
105 35.7 14.4 54.4



#66
n-Nitrosodiphenylamine
Concen: 47.492 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:169 Resp: 2018500
Ion Ratio Lower Upper
169 100
168 65.7 53.3 79.9
167 36.4 29.0 43.6

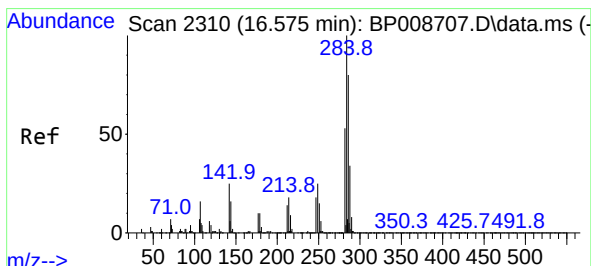
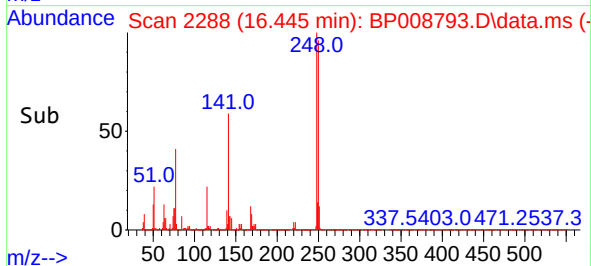
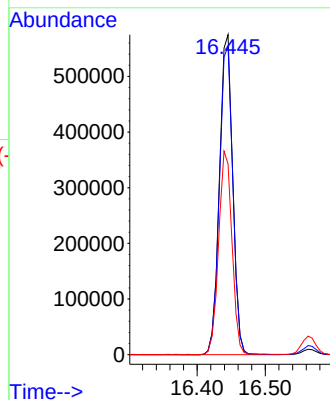
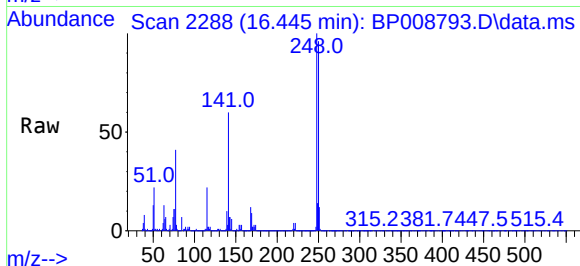




#67
4-Bromophenyl-phenylether
Concen: 46.949 ng
RT: 16.445 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

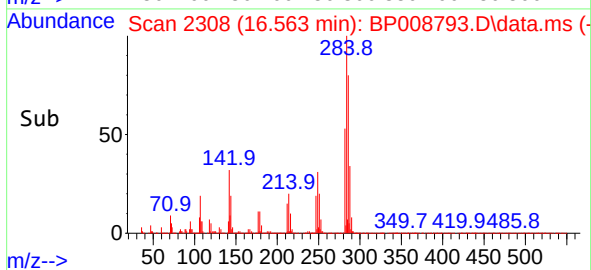
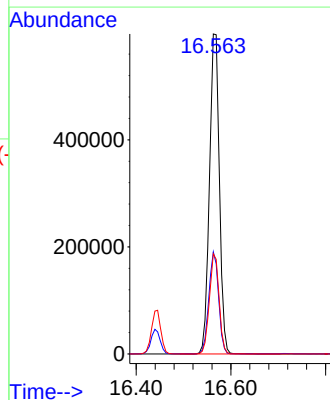
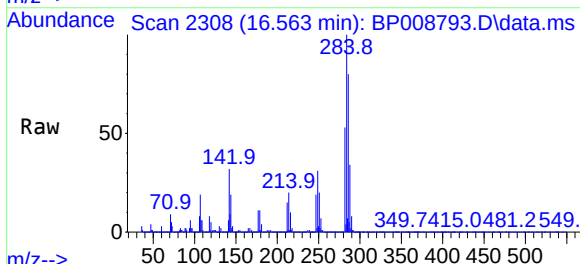
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

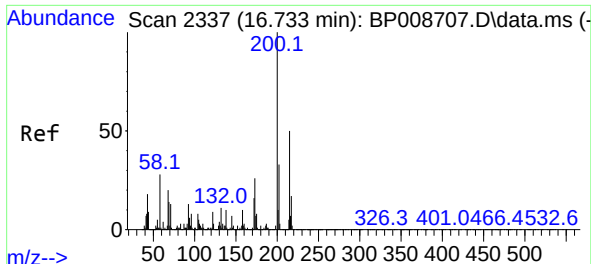
Tgt Ion:248 Resp: 779057
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 59.6 47.4 71.2



#68
Hexachlorobenzene
Concen: 44.968 ng
RT: 16.563 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:284 Resp: 868182
Ion Ratio Lower Upper
284 100
142 31.9 22.4 33.6
249 31.3 24.4 36.6

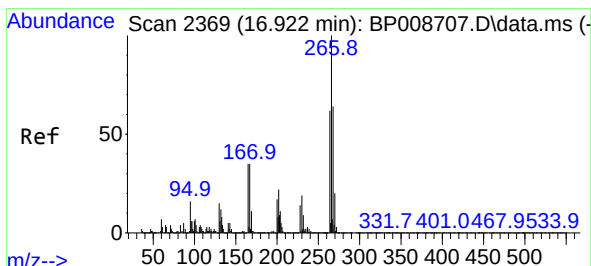
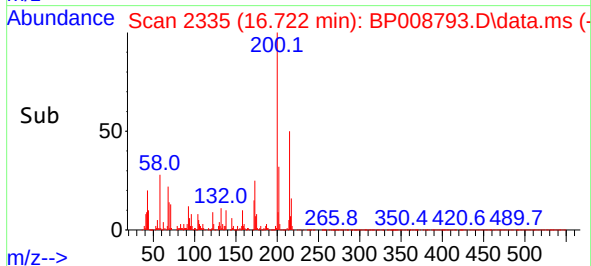
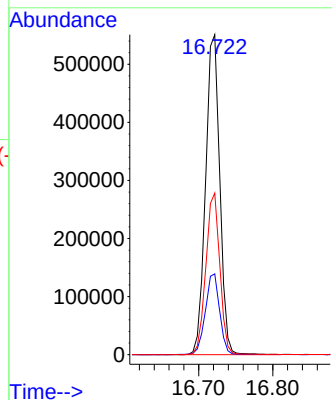
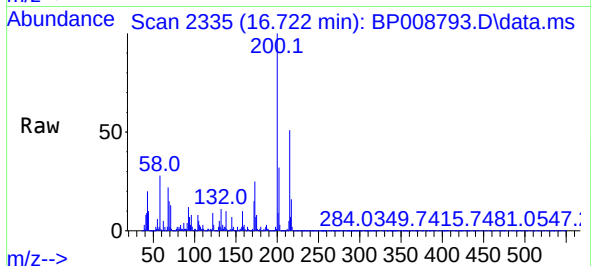




#69
Atrazine
Concen: 42.528 ng
RT: 16.722 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

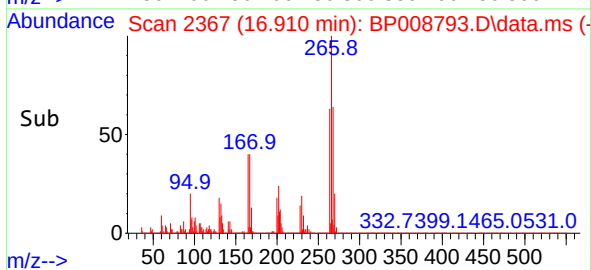
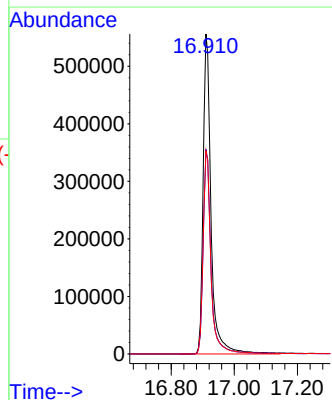
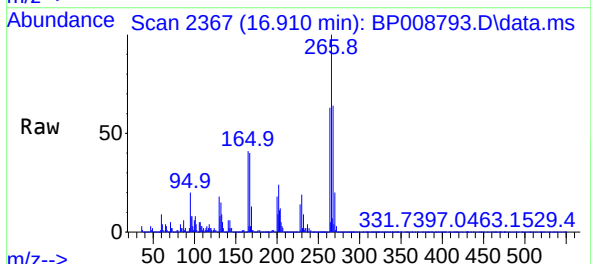
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

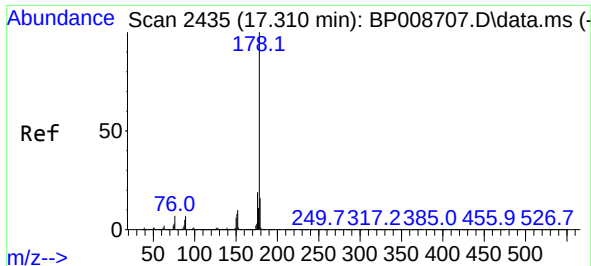
Tgt Ion:200 Resp: 733692
Ion Ratio Lower Upper
200 100
173 25.3 6.5 46.5
215 50.5 29.6 69.6



#70
Pentachlorophenol
Concen: 80.306 ng
RT: 16.910 min Scan# 2367
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:266 Resp: 967880
Ion Ratio Lower Upper
266 100
268 64.0 50.9 76.3
264 63.4 50.3 75.5

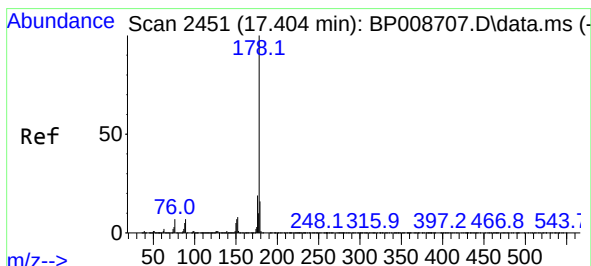
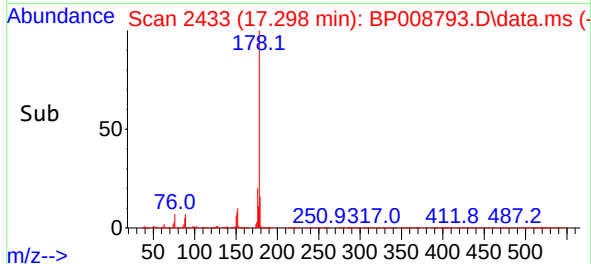
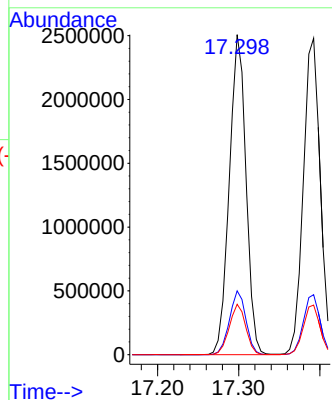
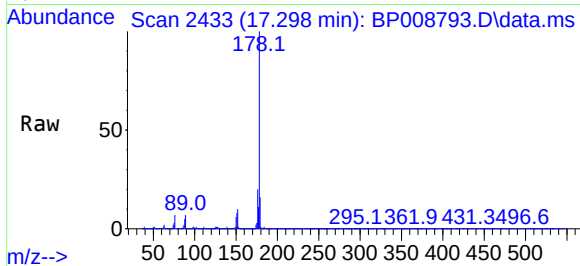




#71
Phenanthrene
Concen: 45.948 ng
RT: 17.298 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

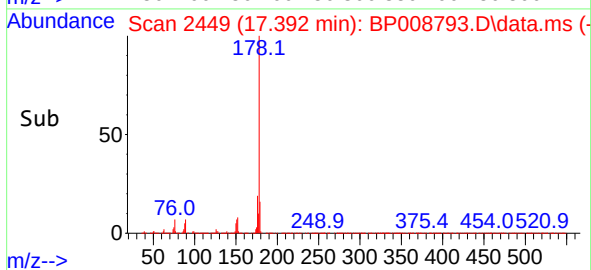
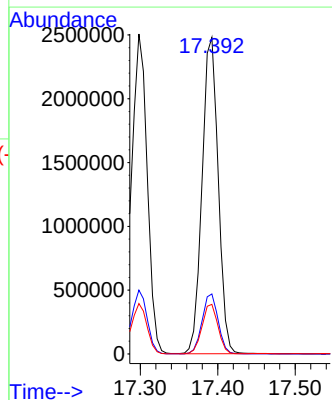
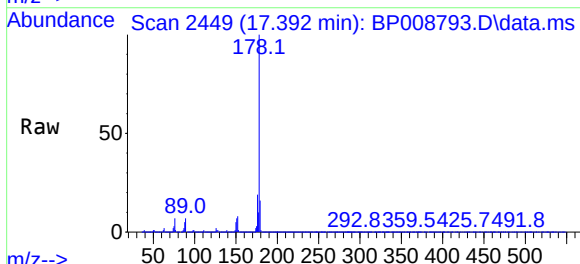
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

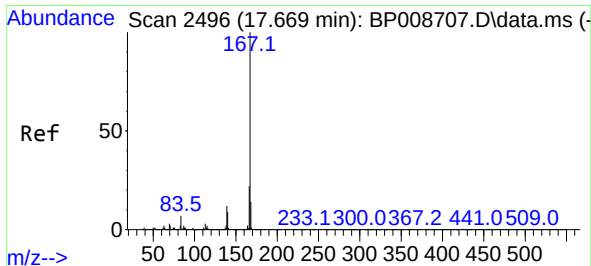
Tgt Ion:178 Resp: 3580339
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.8 13.0 19.4



#72
Anthracene
Concen: 45.059 ng
RT: 17.392 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:178 Resp: 3585669
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.7 12.8 19.2



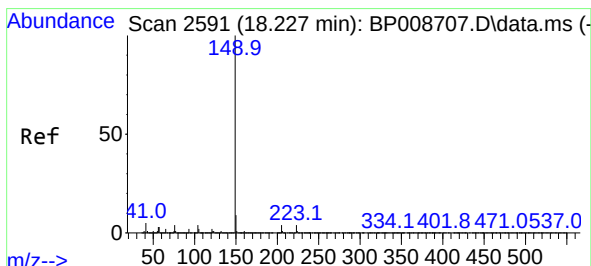
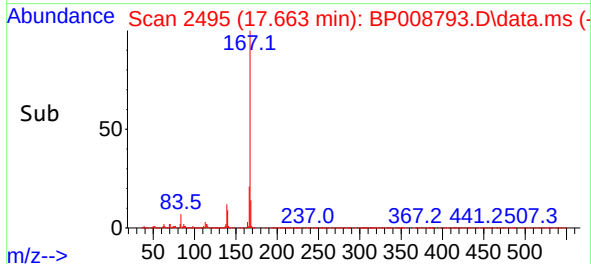
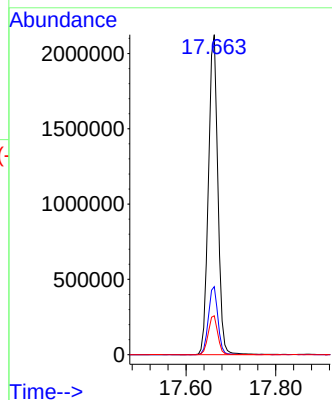
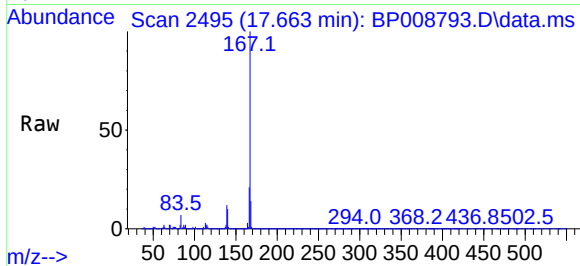


#73
 Carbazole
 Concen: 42.409 ng
 RT: 17.663 min Scan# 2496
 Delta R.T. -0.000 min
 Lab File: BP008793.D
 Acq: 13 Jan 2022 16:50

Instrument :
 BNA_P
 ClientSampleId :
 MR-SOILPILEMSD

Tgt Ion:167 Resp: 3092922

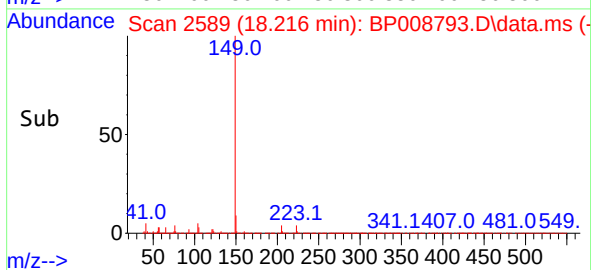
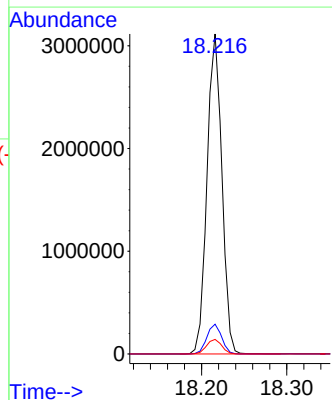
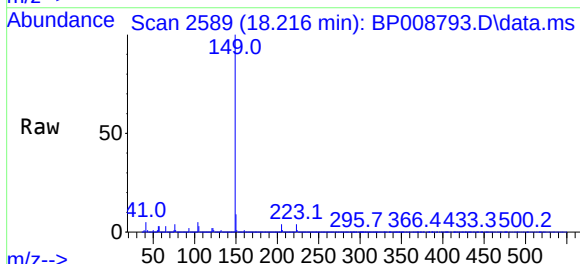
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.7	26.5
139	12.2	9.8	14.6

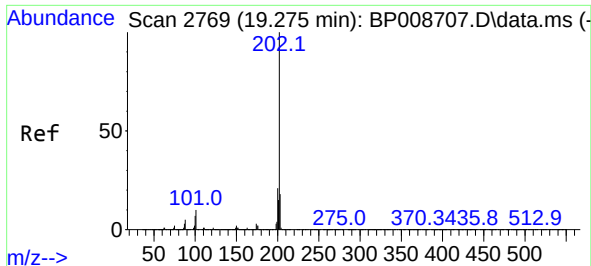


#74
 Di-n-butylphthalate
 Concen: 45.087 ng
 RT: 18.216 min Scan# 2589
 Delta R.T. -0.000 min
 Lab File: BP008793.D
 Acq: 13 Jan 2022 16:50

Tgt Ion:149 Resp: 3764812

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	4.5	3.7	5.5

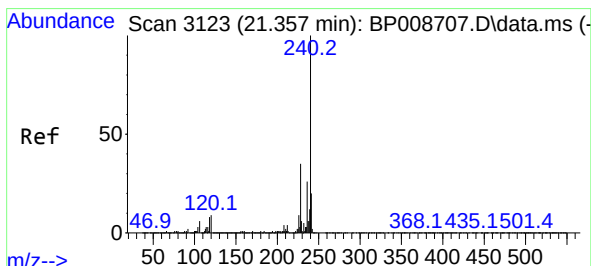
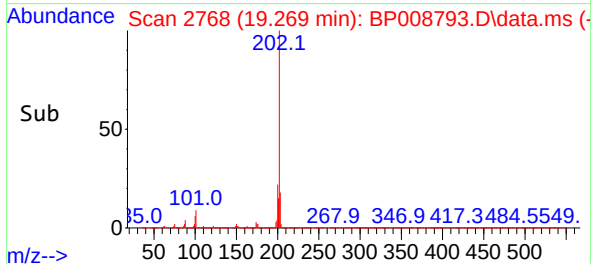
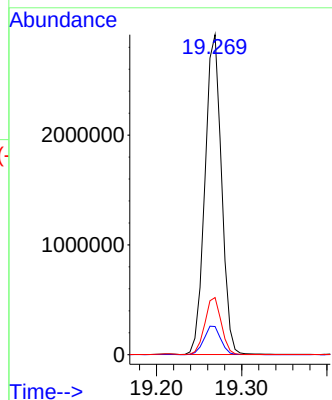
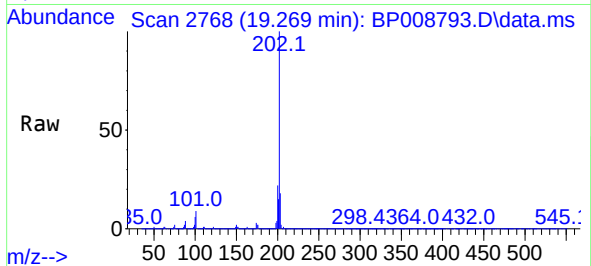




#75
Fluoranthene
Concen: 42.109 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

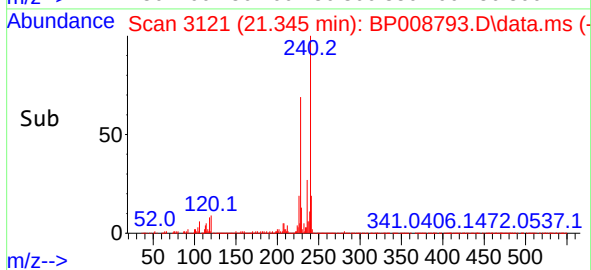
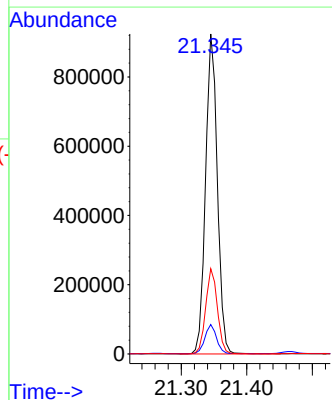
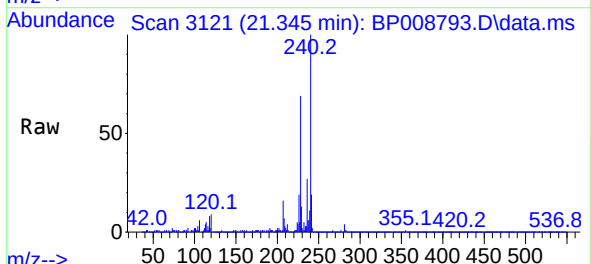
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

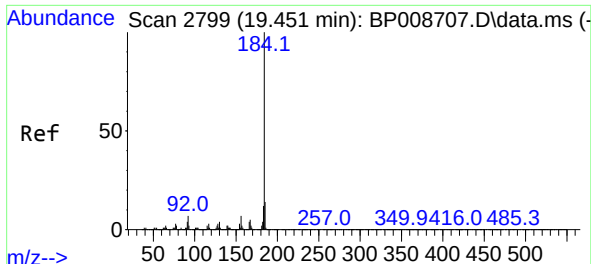
Tgt Ion:202 Resp: 3929082
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.7
203 17.8 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:240 Resp: 1155591
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.6 21.2 31.8

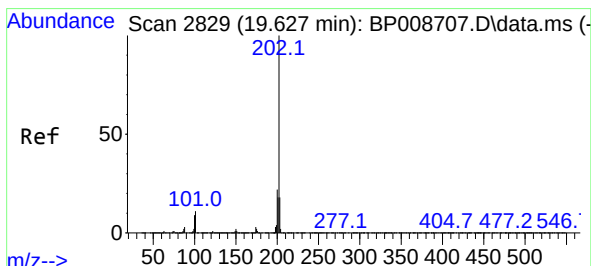
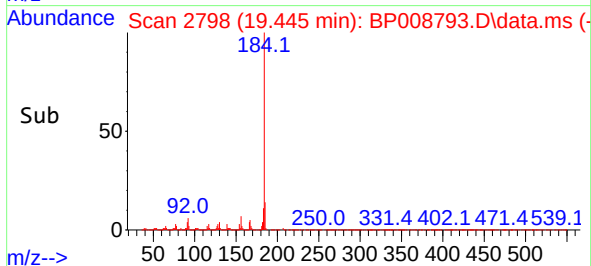
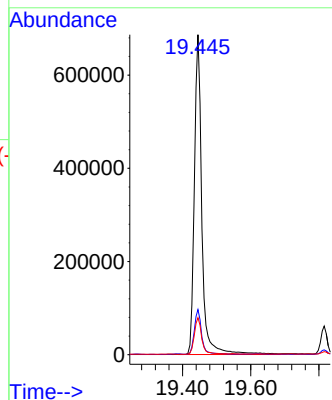
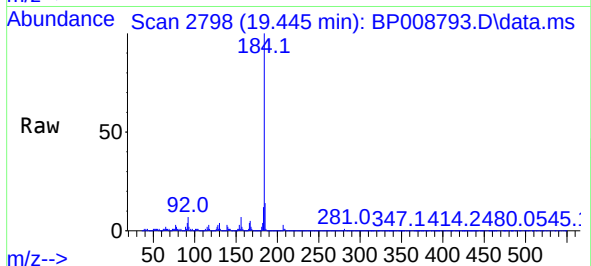




#77
Benzidine
Concen: 21.158 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

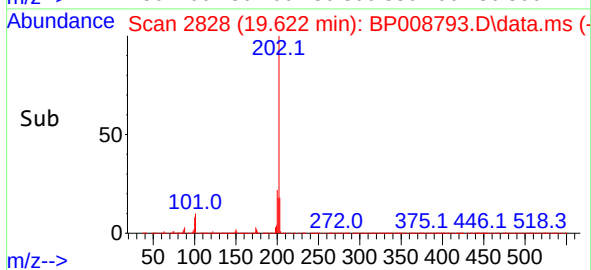
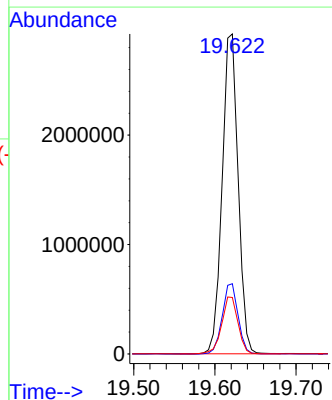
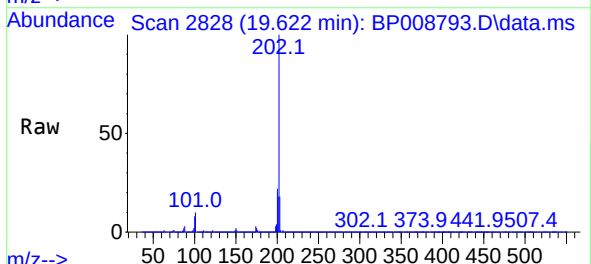
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

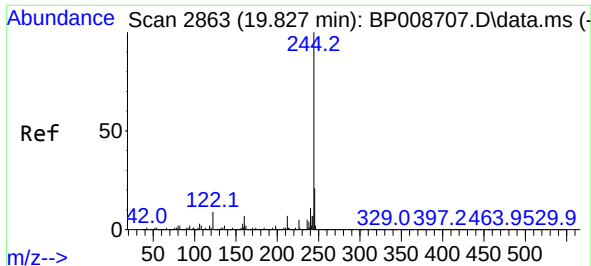
Tgt Ion:184 Resp: 1046174
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 11.6 9.5 14.3



#78
Pyrene
Concen: 53.036 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:202 Resp: 4007434
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 17.6 15.0 22.6

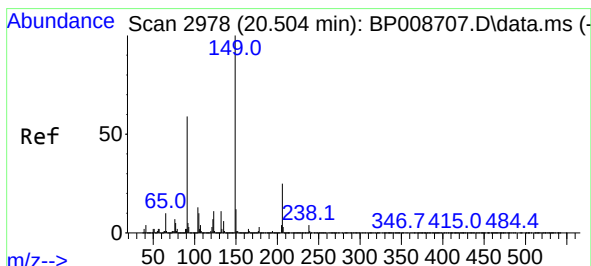
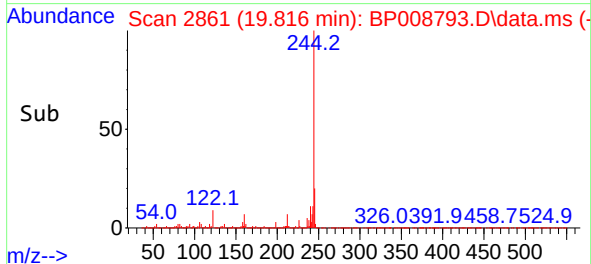
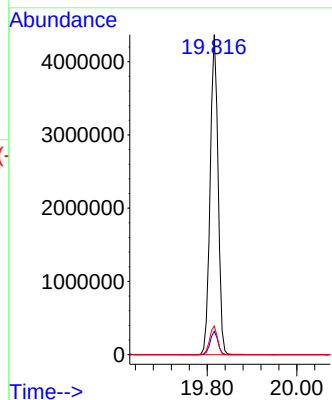
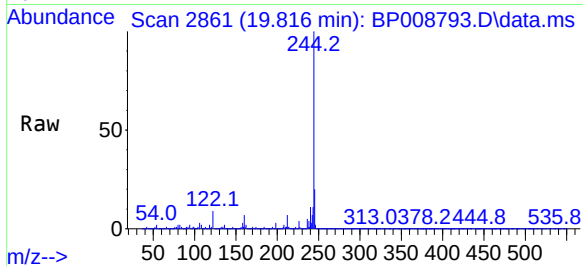




#79
 Terphenyl-d14
 Concen: 93.990 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008793.D
 Acq: 13 Jan 2022 16:50

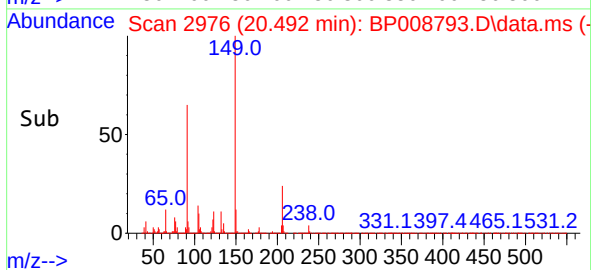
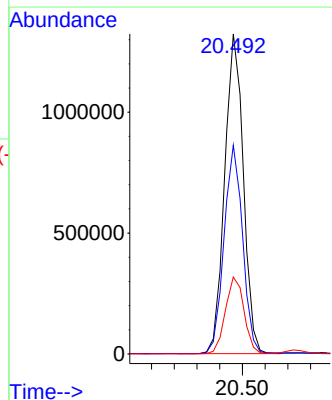
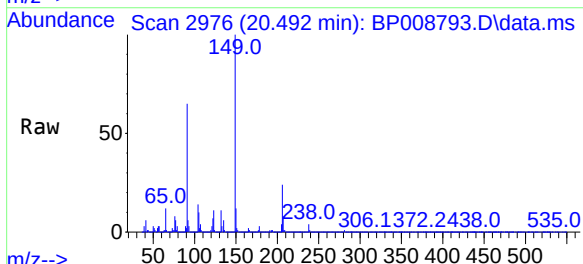
Instrument :
 BNA_P
 ClientSampleId :
 MR-SOILPILEMSD

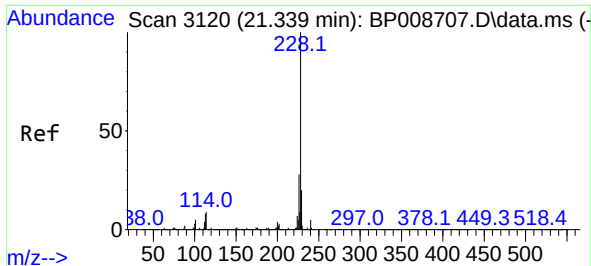
Tgt Ion:244 Resp: 5329857
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 8.9 9.2 13.8#



#80
 Butylbenzylphthalate
 Concen: 48.813 ng
 RT: 20.492 min Scan# 2976
 Delta R.T. -0.000 min
 Lab File: BP008793.D
 Acq: 13 Jan 2022 16:50

Tgt Ion:149 Resp: 1508072
 Ion Ratio Lower Upper
 149 100
 91 65.3 50.6 76.0
 206 24.1 19.7 29.5

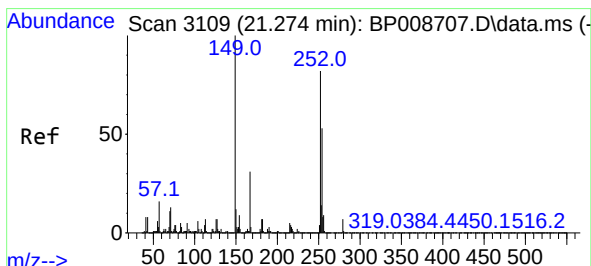
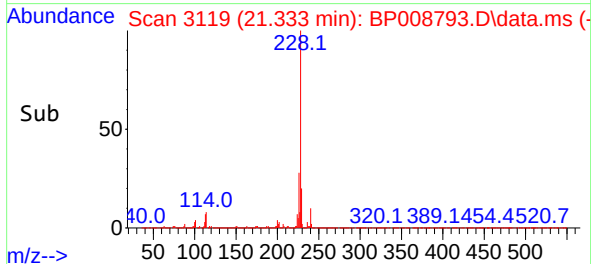
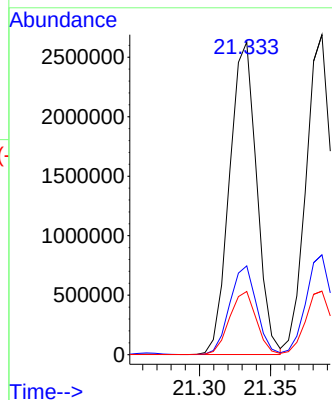
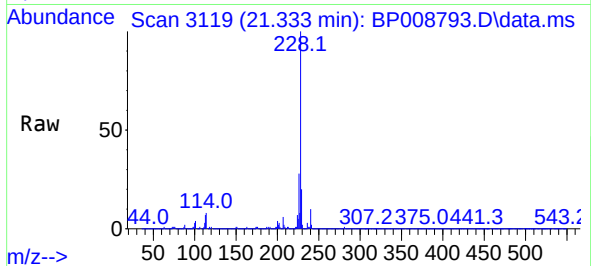




#81
Benzo(a)anthracene
Concen: 46.069 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

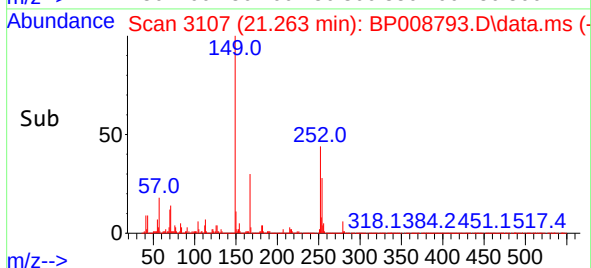
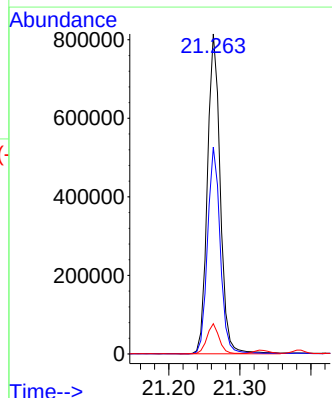
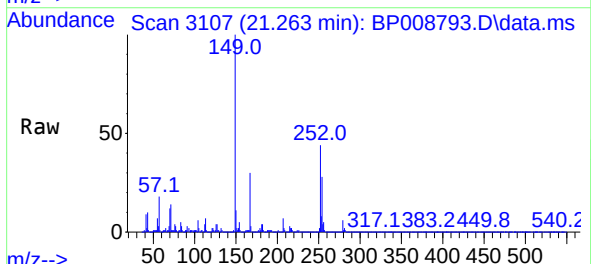
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

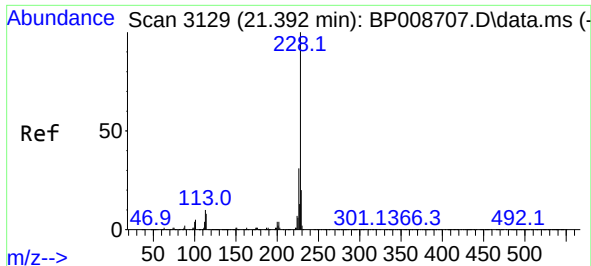
Tgt Ion:228 Resp: 3492586
Ion Ratio Lower Upper
228 100
226 28.4 23.3 34.9
229 20.2 17.0 25.6



#82
3,3'-Dichlorobenzidine
Concen: 29.671 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:252 Resp: 1021886
Ion Ratio Lower Upper
252 100
254 64.6 52.4 78.6
126 9.5 7.3 10.9

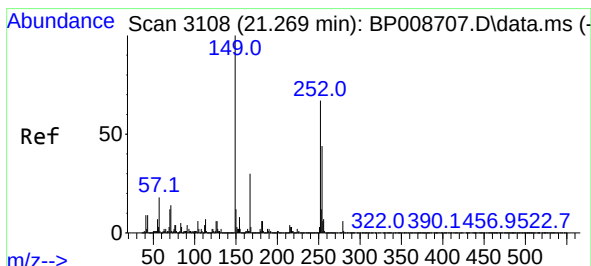
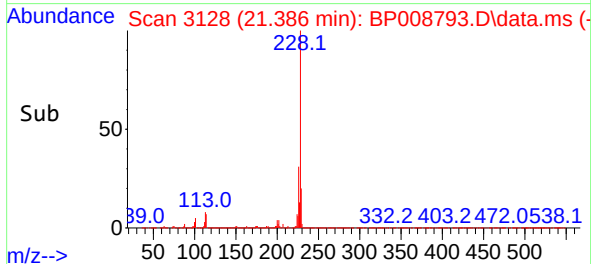
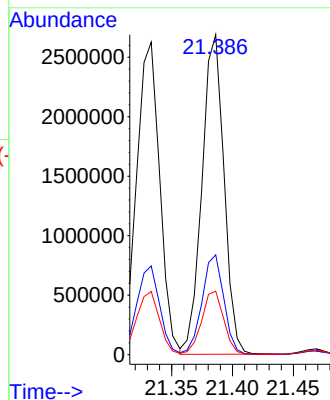
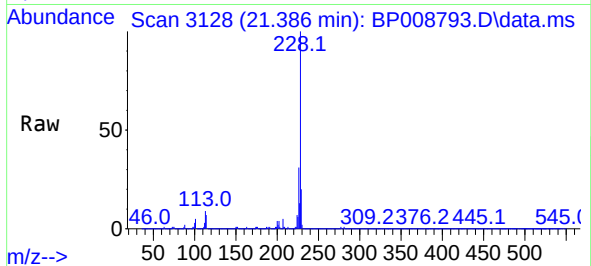




#83
Chrysene
Concen: 46.263 ng
RT: 21.386 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

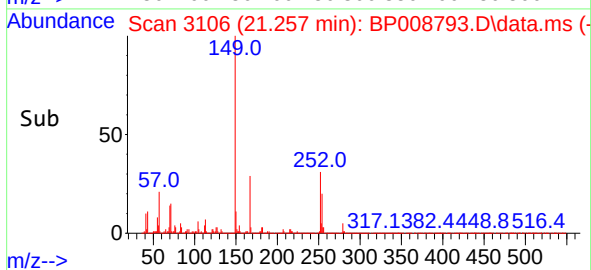
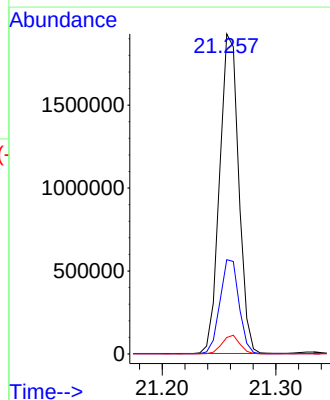
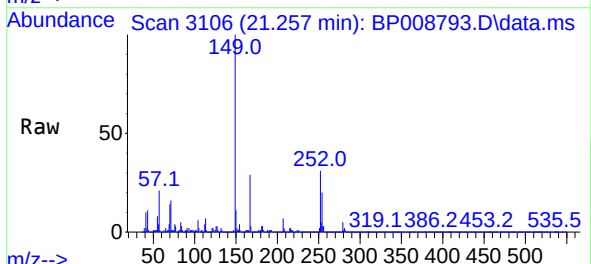
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

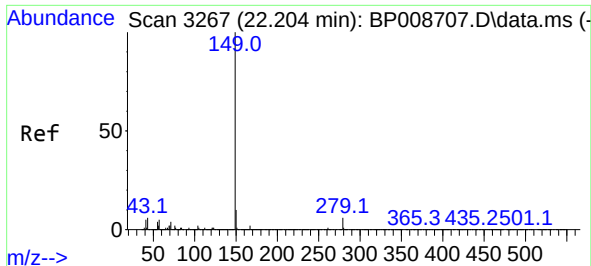
Tgt Ion:228 Resp: 3383369
Ion Ratio Lower Upper
228 100
226 31.2 26.0 39.0
229 19.8 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.859 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:149 Resp: 2249010
Ion Ratio Lower Upper
149 100
167 29.5 25.0 37.4
279 5.2 4.8 7.2

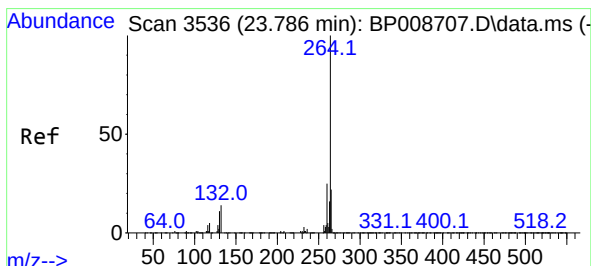
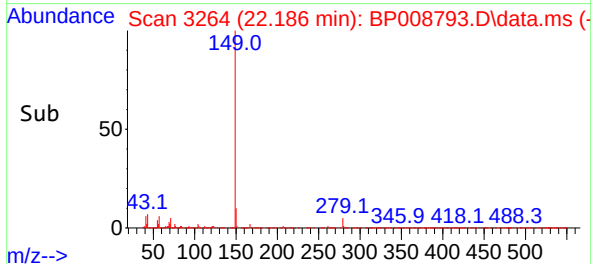
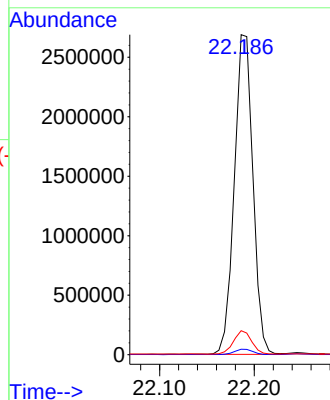
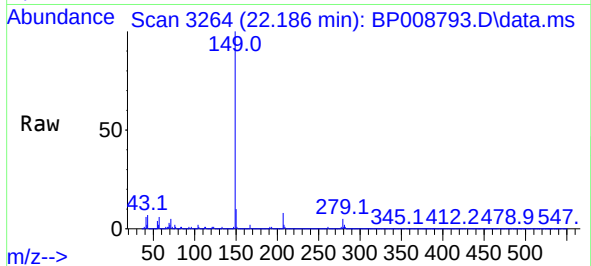




#85
Di-n-octyl phthalate
Concen: 45.694 ng
RT: 22.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

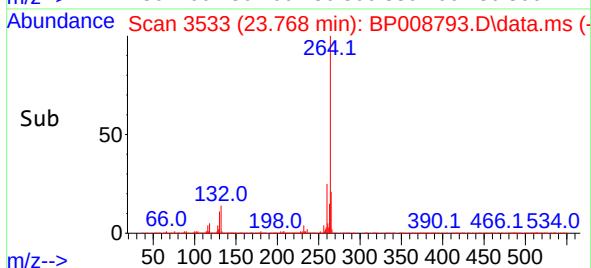
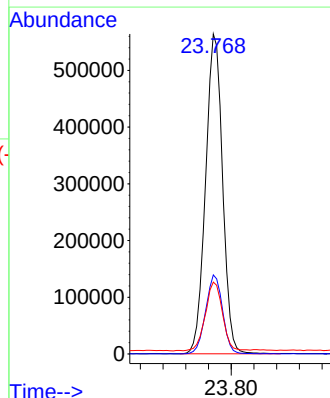
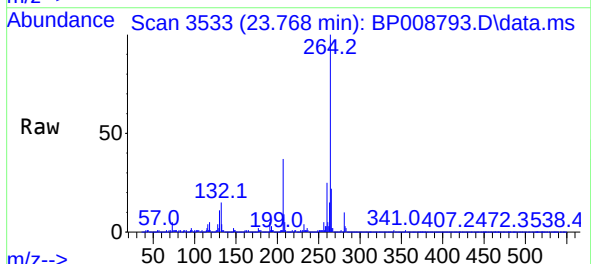
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

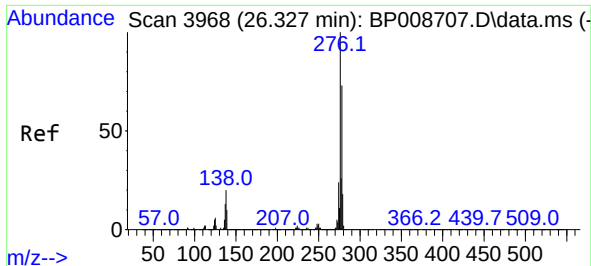
Tgt Ion:149 Resp: 3658332
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.2 5.4 8.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3533
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:264 Resp: 1167830
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 22.4 17.1 25.7



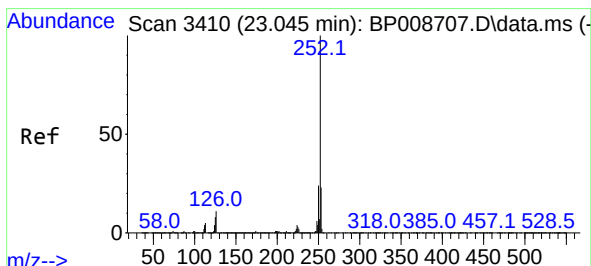
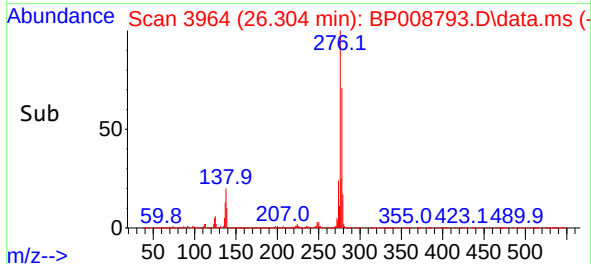
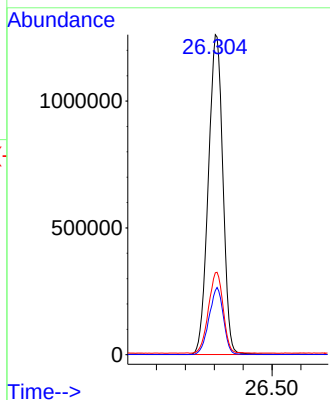
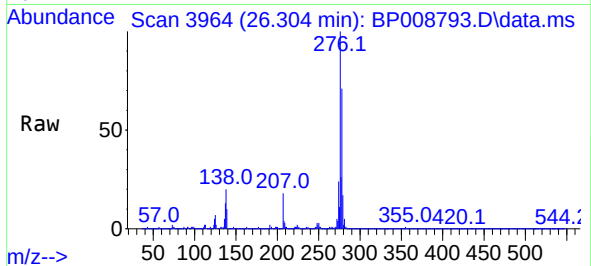


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.169 ng
 RT: 26.304 min Scan# 3964
 Delta R.T. 0.006 min
 Lab File: BP008793.D
 Acq: 13 Jan 2022 16:50

Instrument :
 BNA_P
 ClientSampleId :
 MR-SOILPILEMSD

Tgt Ion: 276 Resp: 4401671

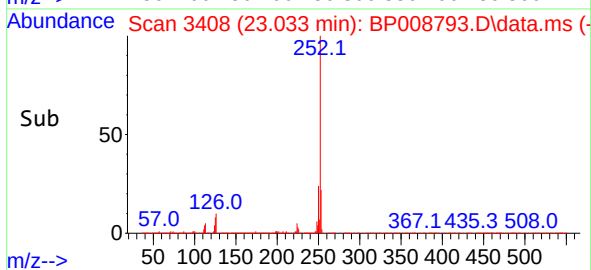
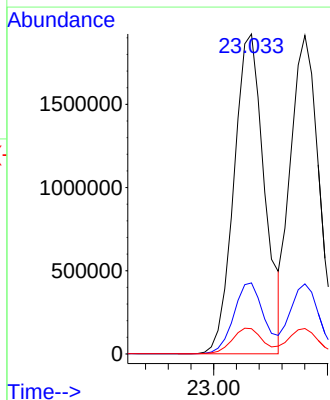
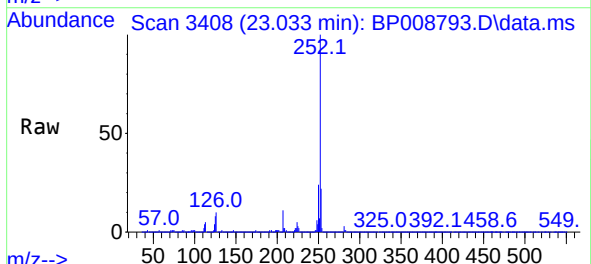
Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.8	26.6
277	25.5	20.4	30.6

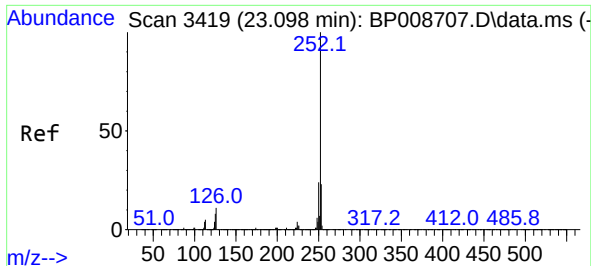


#88
 Benzo(b)fluoranthene
 Concen: 47.059 ng
 RT: 23.033 min Scan# 3408
 Delta R.T. 0.006 min
 Lab File: BP008793.D
 Acq: 13 Jan 2022 16:50

Tgt Ion: 252 Resp: 3590851

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	7.9	6.9	10.3

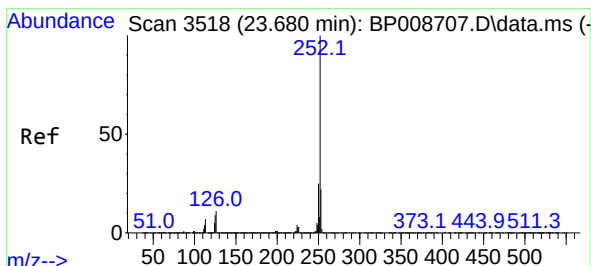
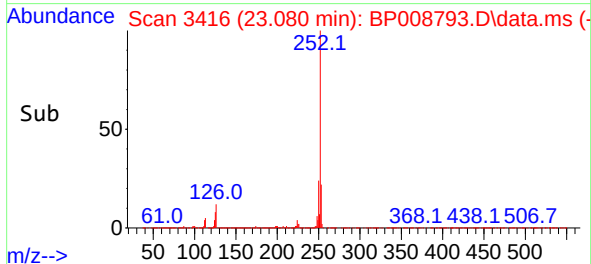
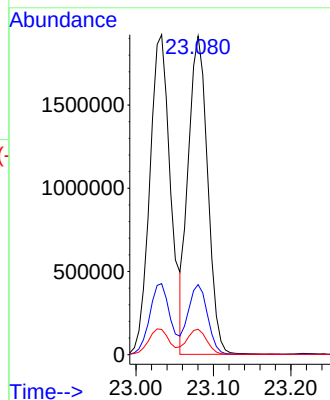
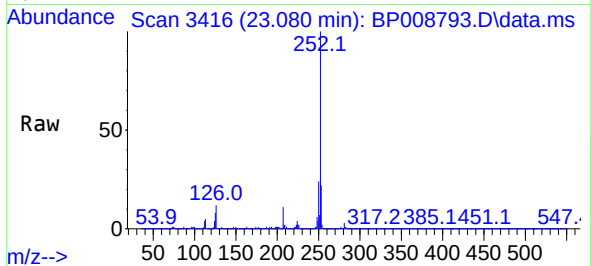




#89
Benzo(k)fluoranthene
Concen: 46.421 ng
RT: 23.080 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

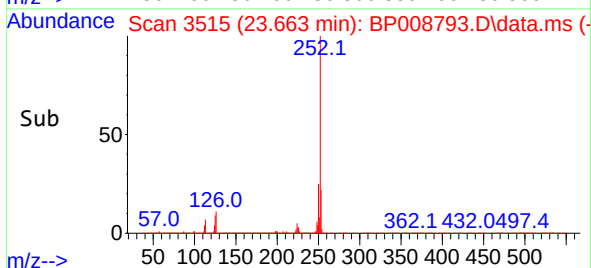
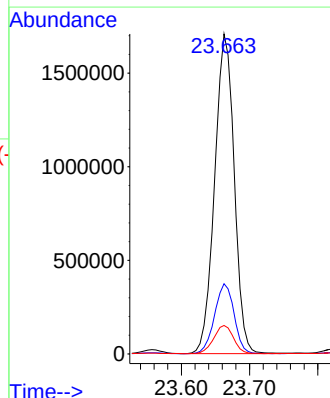
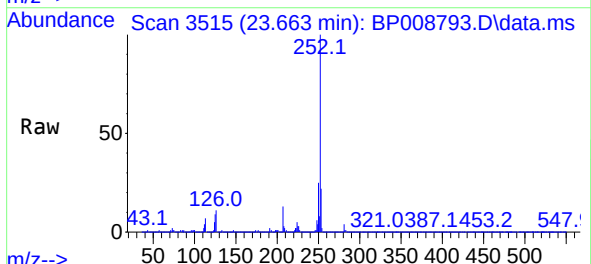
Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

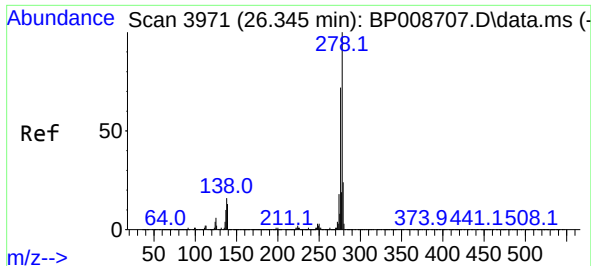
Tgt Ion:252 Resp: 3315015
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 8.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 46.289 ng
RT: 23.663 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:252 Resp: 3413844
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.9 7.8 11.6

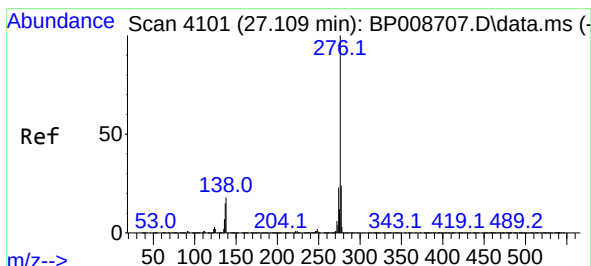
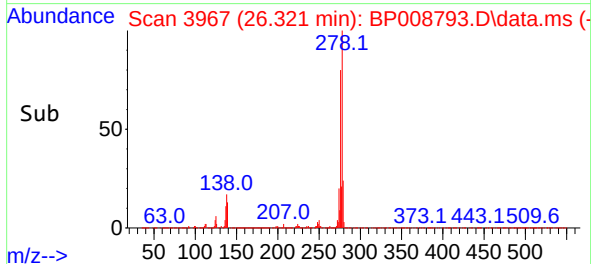
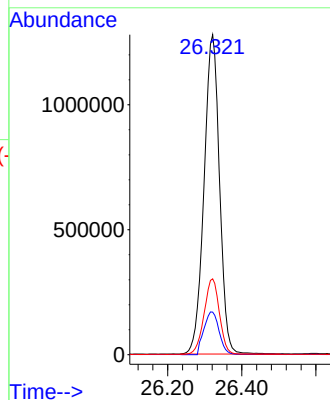
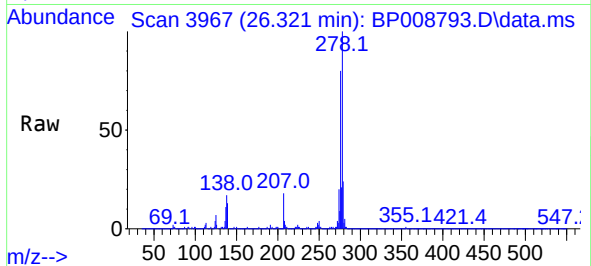




#91
Dibenzo(a,h)anthracene
Concen: 46.992 ng
RT: 26.321 min Scan# 3971
Delta R.T. 0.006 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Instrument :
BNA_P
ClientSampleId :
MR-SOILPILEMSD

Tgt Ion:278 Resp: 3705252
Ion Ratio Lower Upper
278 100
139 13.3 11.5 17.3
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.601 ng
RT: 27.086 min Scan# 4097
Delta R.T. 0.012 min
Lab File: BP008793.D
Acq: 13 Jan 2022 16:50

Tgt Ion:276 Resp: 3725590
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 17.9 15.0 22.4

