

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019780.D
 Acq On : 20 Feb 2024 11:52
 Operator : MA/JU
 Sample : PB159054BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BSD

Quant Time: Feb 20 12:33:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	68963	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	254707	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	163050	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	373227	20.000	ng	0.00
76) Chrysene-d12	21.386	240	361121	20.000	ng	0.00
86) Perylene-d12	23.810	264	426601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	537748	125.692	ng	0.00
7) Phenol-d6	7.075	99	685879	118.896	ng	0.00
23) Nitrobenzene-d5	9.069	82	466512	79.364	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	371150	155.903	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1068103	80.982	ng	0.00
79) Terphenyl-d14	19.863	244	1915359	87.225	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.376	88	54991	33.361	ng	98
3) Pyridine	3.781	79	145047	32.457	ng	99
4) n-Nitrosodimethylamine	3.699	42	79759	40.994	ng	96
6) Aniline	7.228	93	133254	23.773	ng	99
8) 2-Chlorophenol	7.464	128	194562	44.295	ng	97
10) Phenol	7.105	94	244543	42.532	ng	98
11) bis(2-Chloroethyl)ether	7.334	93	183265	40.970	ng	99
12) 1,3-Dichlorobenzene	7.787	146	221304	41.175	ng	98
13) 1,4-Dichlorobenzene	7.934	146	227819	41.838	ng	98
14) 1,2-Dichlorobenzene	8.246	146	219868	41.732	ng	99
15) Benzyl Alcohol	8.152	79	198248	43.011	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.422	45	179403	40.107	ng	98
17) 2-Methylphenol	8.352	107	161769	41.792	ng	98
18) Hexachloroethane	8.969	117	86657	41.057	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	151632	38.482	ng	99
20) 3+4-Methylphenols	8.681	107	220332	41.708	ng	98
22) Acetophenone	8.734	105	301888	41.604	ng	# 97
24) Nitrobenzene	9.116	77	233295	39.419	ng	97
25) Isophorone	9.640	82	413449	40.387	ng	99
26) 2-Nitrophenol	9.822	139	105870	46.915	ng	99
27) 2,4-Dimethylphenol	9.881	122	143271	49.651	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	233680	40.345	ng	99
29) 2,4-Dichlorophenol	10.352	162	196592	45.070	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	229046	42.826	ng	99
31) Naphthalene	10.752	128	576601	41.276	ng	99
32) Benzoic acid	10.040	122	130603	46.455	ng	98
33) 4-Chloroaniline	10.875	127	64082	12.404	ng	99
34) Hexachlorobutadiene	11.016	225	170239	42.954	ng	97
35) Caprolactam	11.681	113	58339	47.244	ng	95
36) 4-Chloro-3-methylphenol	11.999	107	211256	44.417	ng	100
37) 2-Methylnaphthalene	12.363	142	402068	41.589	ng	99
38) 1-Methylnaphthalene	12.581	142	383958	40.415	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	283115	45.023	ng	99
41) Hexachlorocyclopentadiene	12.693	237	331425	116.670	ng	100
43) 2,4,6-Trichlorophenol	12.975	196	176433	46.336	ng	99
44) 2,4,5-Trichlorophenol	13.051	196	193220	46.212	ng	97

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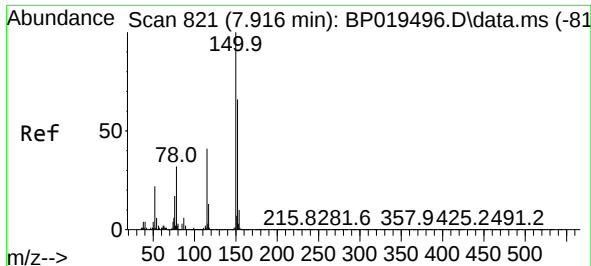
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.375	154	545985	41.955	ng	99
47) 2-Chloronaphthalene	13.416	162	437563	40.960	ng	98
48) 2-Nitroaniline	13.628	65	136866	45.819	ng	99
49) Acenaphthylene	14.257	152	694184	46.318	ng	100
50) Dimethylphthalate	14.010	163	552255	44.244	ng	99
51) 2,6-Dinitrotoluene	14.134	165	121241	44.210	ng	97
52) Acenaphthene	14.598	154	388267	41.741	ng	98
53) 3-Nitroaniline	14.457	138	78679	31.219	ng	96
54) 2,4-Dinitrophenol	14.675	184	155163	108.973	ng	97
55) Dibenzofuran	14.940	168	666619	44.001	ng	99
56) 4-Nitrophenol	14.775	139	199963	96.802	ng	97
57) 2,4-Dinitrotoluene	14.922	165	173324	48.230	ng	98
58) Fluorene	15.587	166	536468	44.459	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	182795	51.976	ng	95
60) Diethylphthalate	15.369	149	547751	44.119	ng	100
61) 4-Chlorophenyl-phenyle...	15.587	204	301684	44.482	ng	94
62) 4-Nitroaniline	15.622	138	120278	45.531	ng	97
63) Azobenzene	15.881	77	504226	41.999	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	109095	51.262	ng	92
66) n-Nitrosodiphenylamine	15.804	169	470452	42.088	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	203767	43.673	ng	94
68) Hexachlorobenzene	16.587	284	236511	43.408	ng	97
69) Atrazine	16.769	200	181034	48.807	ng	97
70) Pentachlorophenol	16.939	266	330148	97.300	ng	98
71) Phenanthrene	17.339	178	865484	44.064	ng	99
72) Anthracene	17.428	178	875328	44.674	ng	99
73) Carbazole	17.704	167	794231	44.620	ng	99
74) Di-n-butylphthalate	18.263	149	907044	42.144	ng	99
75) Fluoranthene	19.304	202	1088697	45.373	ng	99
77) Benzidine	19.492	184	312097	41.338	ng	99
78) Pyrene	19.657	202	1126582	44.203	ng	100
80) Butylbenzylphthalate	20.545	149	400224	42.050	ng	96
81) Benzo(a)anthracene	21.375	228	1120297	44.071	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	356410	38.476	ng	99
83) Chrysene	21.427	228	1061249	43.973	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	549135	37.889	ng	99
85) Di-n-octyl phthalate	22.251	149	961900	37.722	ng	100
87) Indeno(1,2,3-cd)pyrene	26.345	276	1498353	45.885	ng	97
88) Benzo(b)fluoranthene	23.069	252	1204313	44.792	ng	98
89) Benzo(k)fluoranthene	23.122	252	1106605	43.087	ng	99
90) Benzo(a)pyrene	23.704	252	1084852	45.348	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1233188	45.917	ng	97
92) Benzo(g,h,i)perylene	27.121	276	1192135	43.753	ng	97

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

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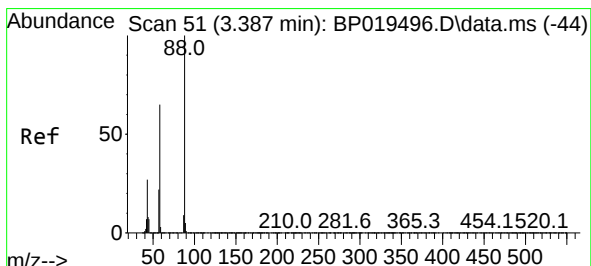
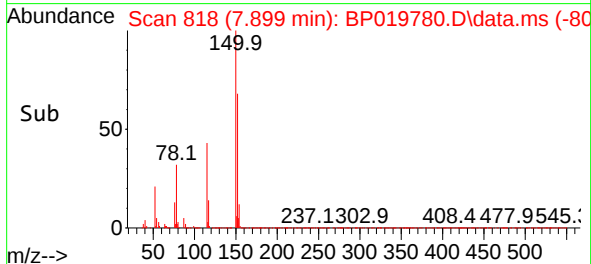
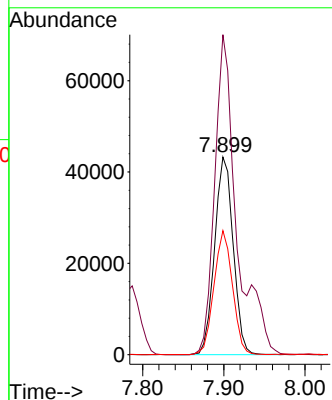
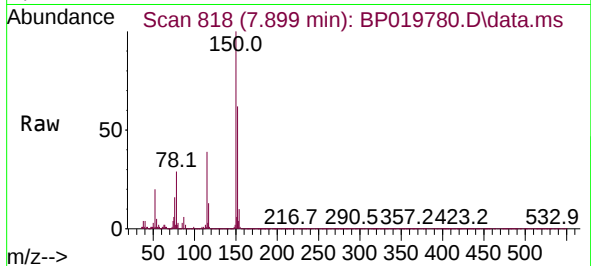




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP019780.D
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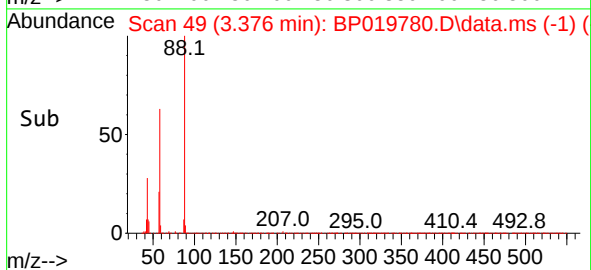
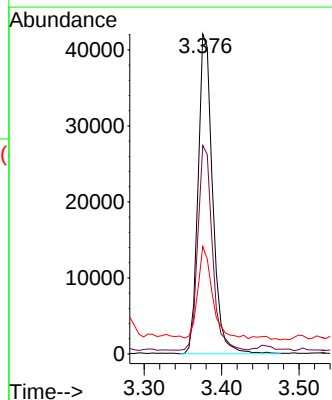
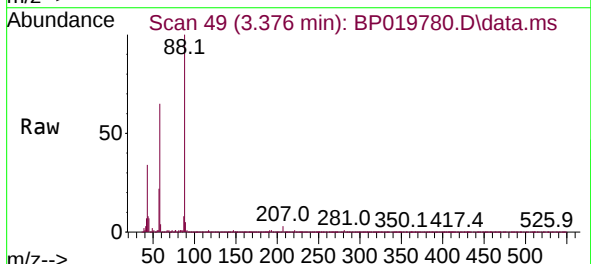
Instrument :
BNA_P
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PB159054BSD

Tgt Ion:152 Resp: 68963
Ion Ratio Lower Upper
152 100
150 162.0 121.8 182.8
115 62.7 49.9 74.9



#2
1,4-Dioxane
Concen: 33.361 ng
RT: 3.376 min Scan# 49
Delta R.T. -0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 88 Resp: 54991
Ion Ratio Lower Upper
88 100
58 63.7 52.6 78.8
43 28.5 21.9 32.9

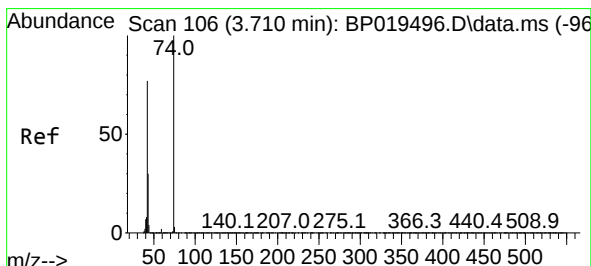
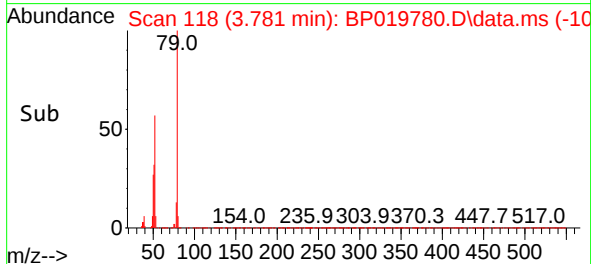
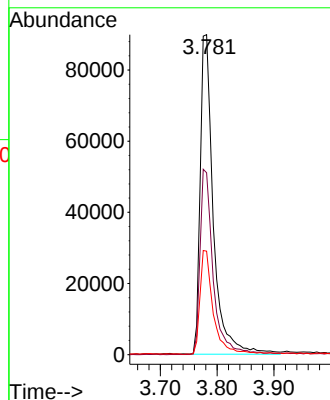
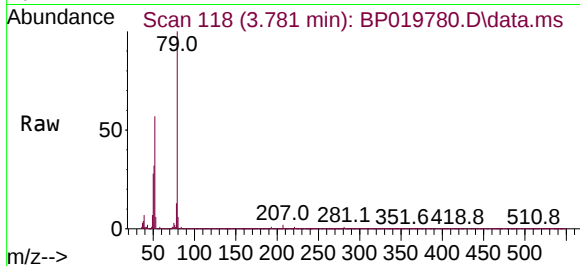




#3
Pyridine
Concen: 32.457 ng
RT: 3.781 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

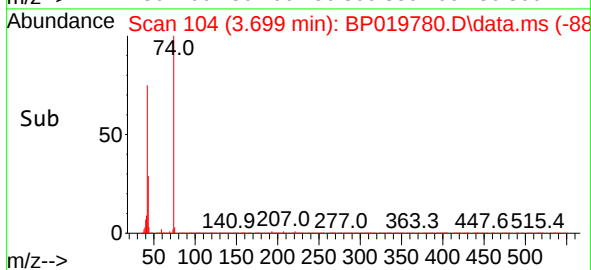
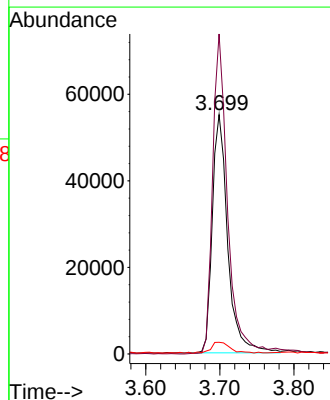
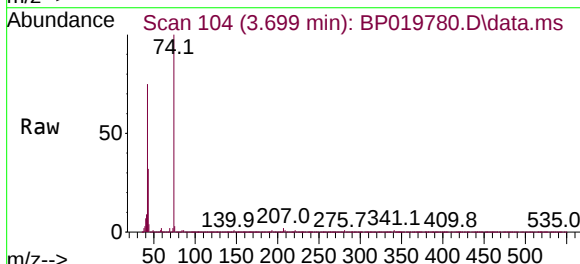
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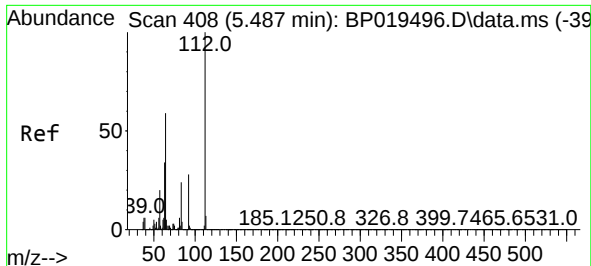
Tgt Ion: 79 Resp: 145047
Ion Ratio Lower Upper
79 100
52 56.9 45.0 67.6
51 32.4 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 40.994 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 42 Resp: 79759
Ion Ratio Lower Upper
42 100
74 133.7 103.4 155.2
44 4.9 4.8 7.2

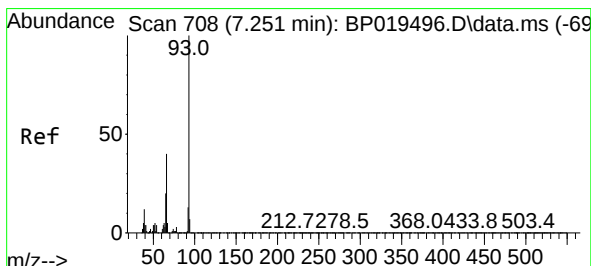
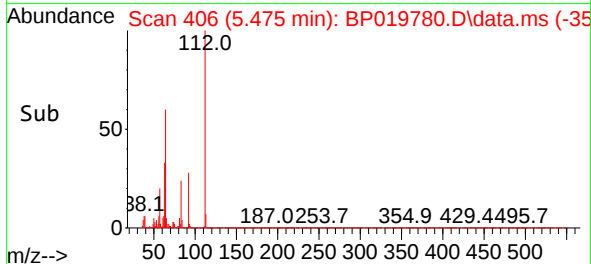
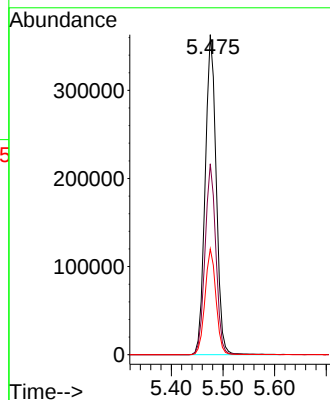
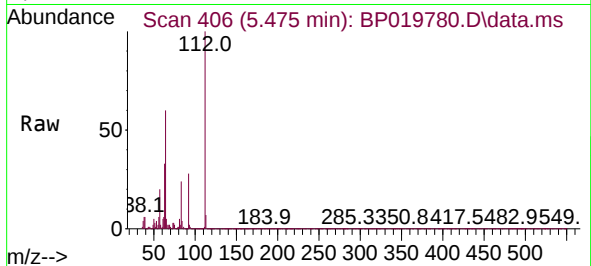




#5
2-Fluorophenol
Concen: 125.692 ng
RT: 5.475 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

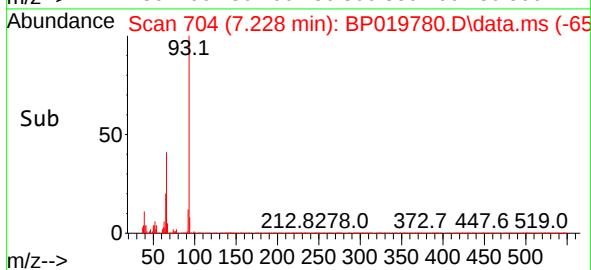
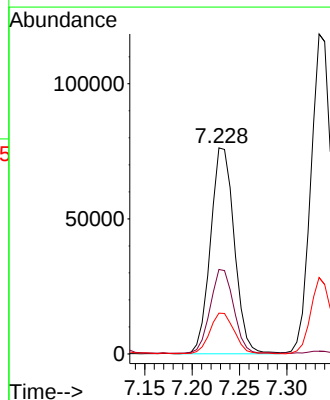
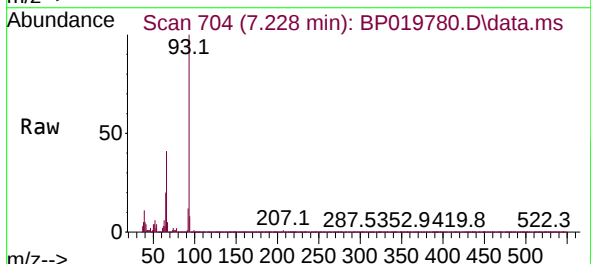
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ClientSampleId :
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Tgt Ion:112 Resp: 537748
Ion Ratio Lower Upper
112 100
64 59.6 47.4 71.0
63 33.1 27.0 40.6



#6
Aniline
Concen: 23.773 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 93 Resp: 133254
Ion Ratio Lower Upper
93 100
66 41.0 32.3 48.5
65 19.8 16.4 24.6

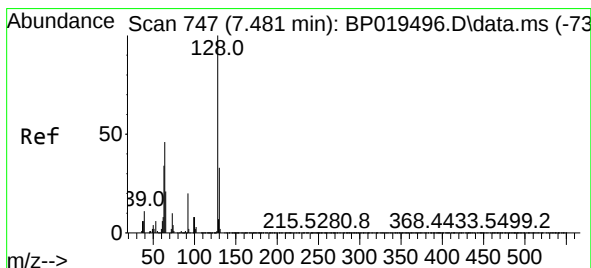
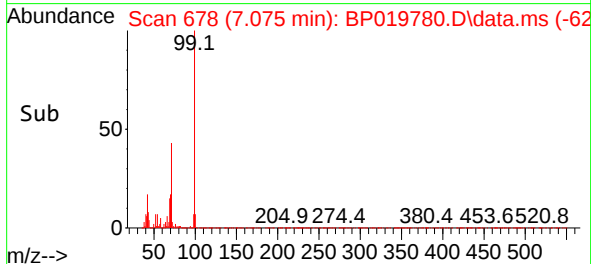
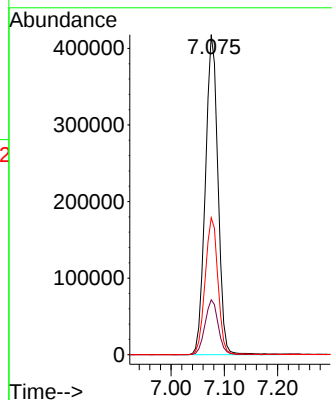
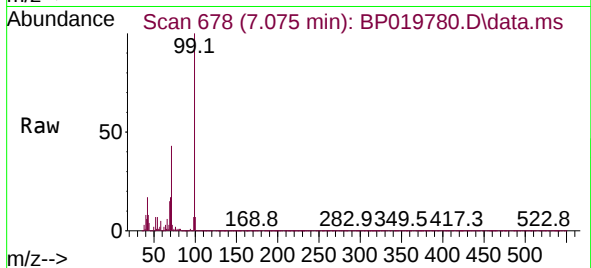




#7
Phenol-d6
Concen: 118.896 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019780.D
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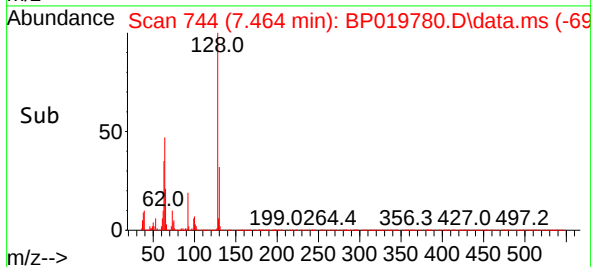
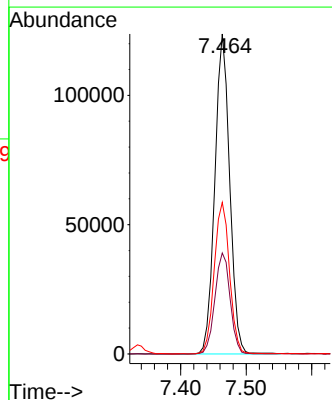
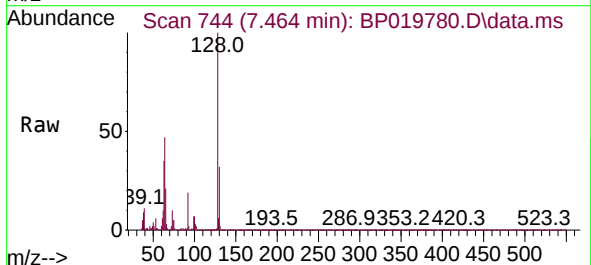
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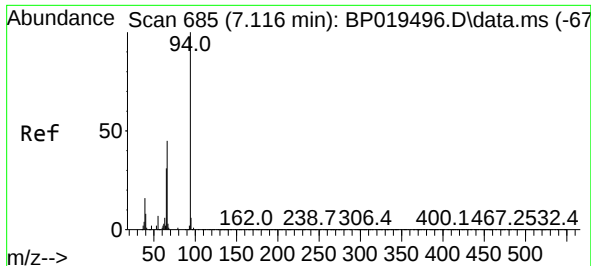
Tgt Ion: 99 Resp: 685879
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 42.8 34.8 52.2



#8
2-Chlorophenol
Concen: 44.295 ng
RT: 7.464 min Scan# 744
Delta R.T. 0.000 min
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Tgt Ion: 128 Resp: 194562
Ion Ratio Lower Upper
128 100
130 31.5 13.3 53.3
64 47.3 29.7 69.7

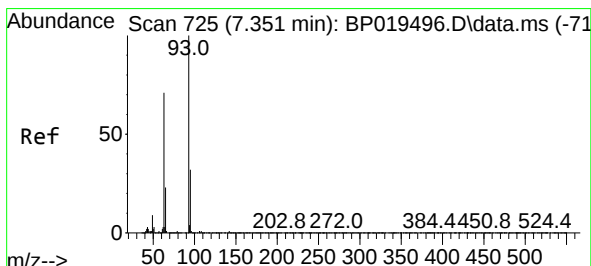
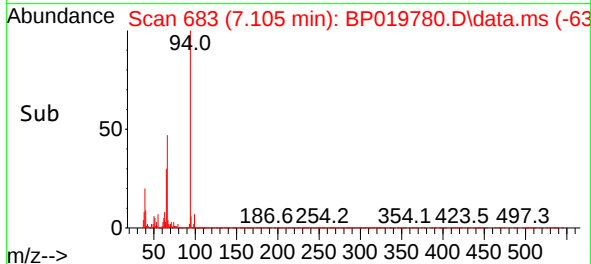
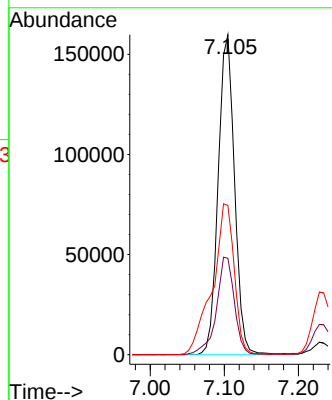
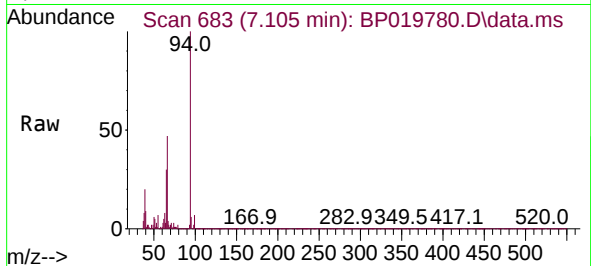




#10
Phenol
Concen: 42.532 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

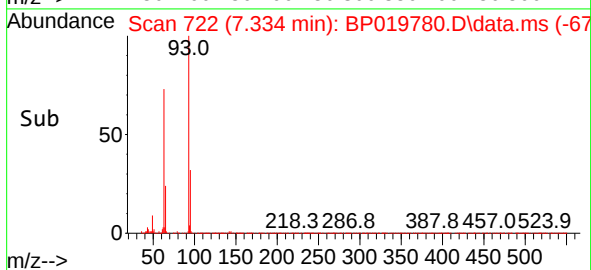
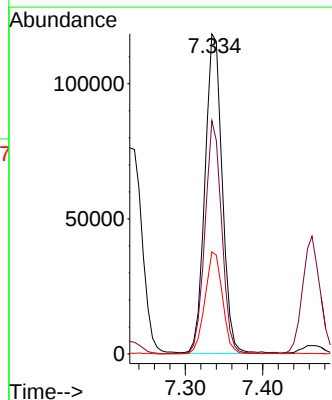
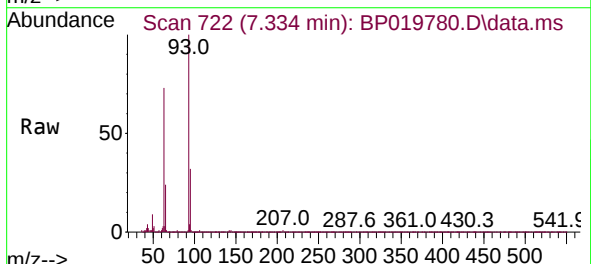
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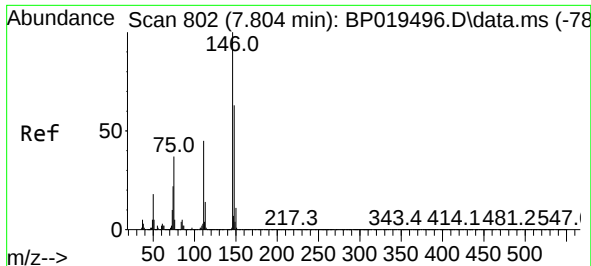
Tgt Ion: 94 Resp: 244543
Ion Ratio Lower Upper
94 100
65 30.1 11.3 51.3
66 46.7 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 40.970 ng
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP019780.D
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Tgt Ion: 93 Resp: 183265
Ion Ratio Lower Upper
93 100
63 72.9 51.2 91.2
95 31.9 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 41.175 ng

RT: 7.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

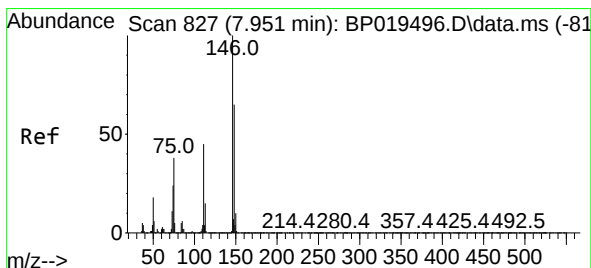
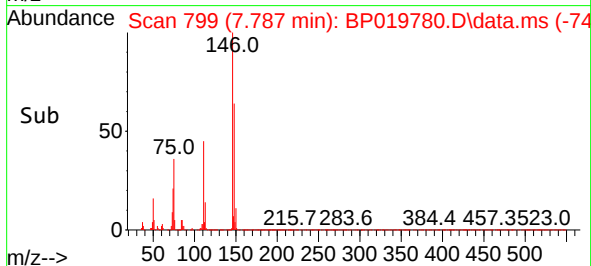
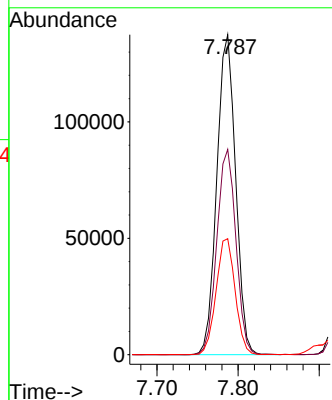
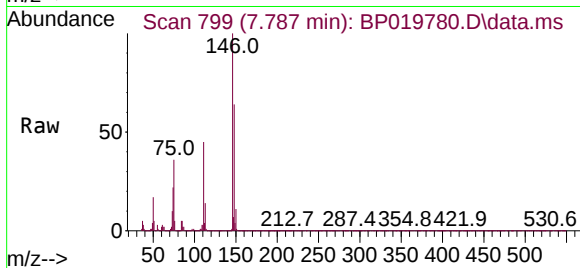
Tgt Ion:146 Resp: 221304

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

75 36.3 29.9 44.9



#13

1,4-Dichlorobenzene

Concen: 41.838 ng

RT: 7.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

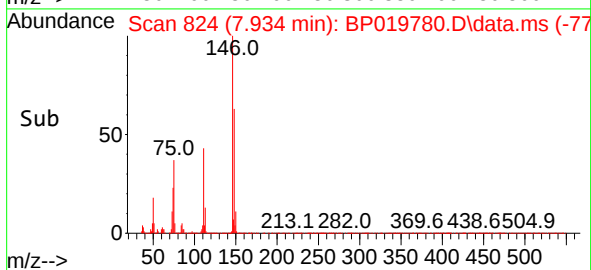
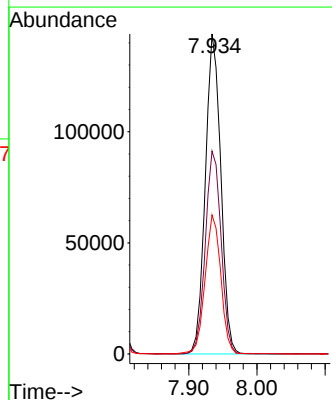
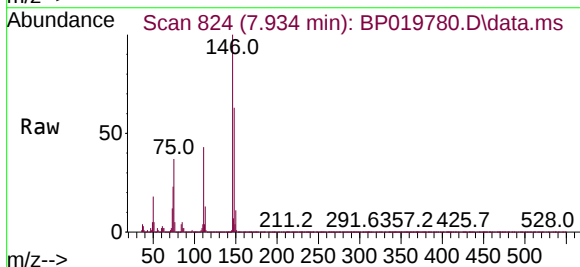
Tgt Ion:146 Resp: 227819

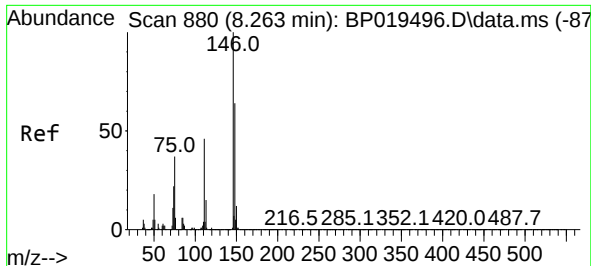
Ion Ratio Lower Upper

146 100

148 63.4 51.9 77.9

111 43.4 35.8 53.6

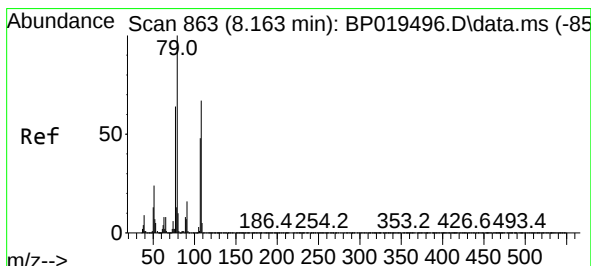
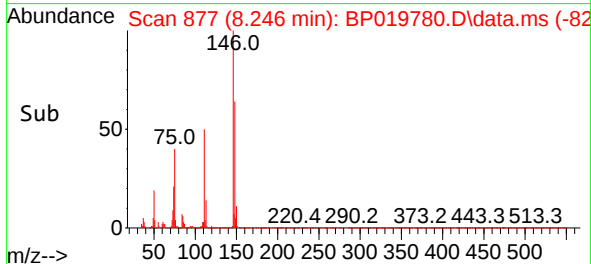
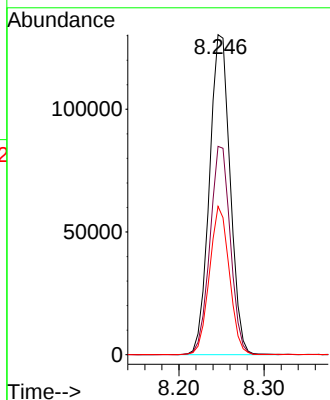
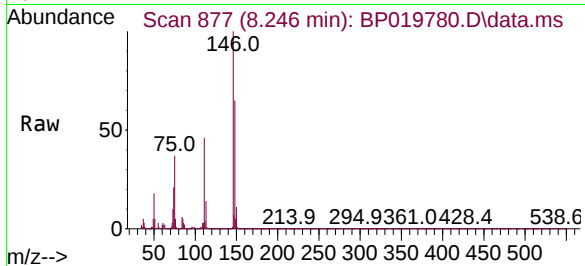




#14
1,2-Dichlorobenzene
Concen: 41.732 ng
RT: 8.246 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

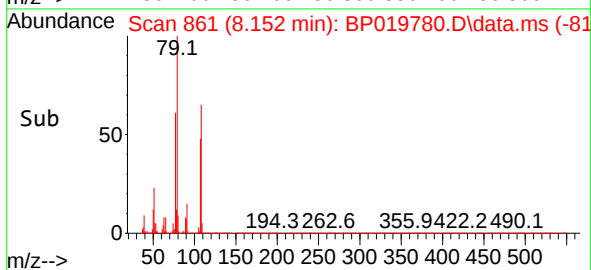
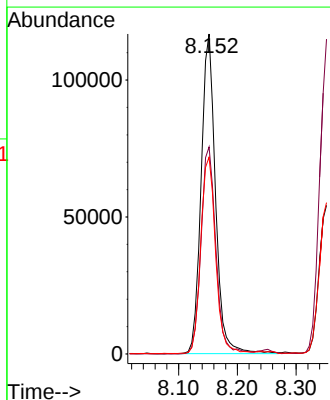
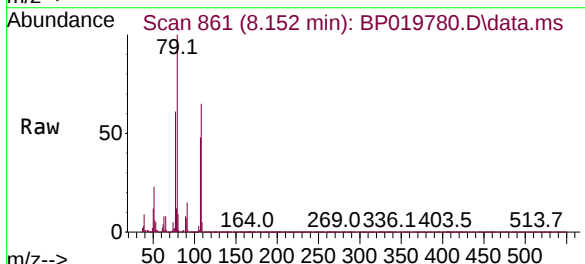
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

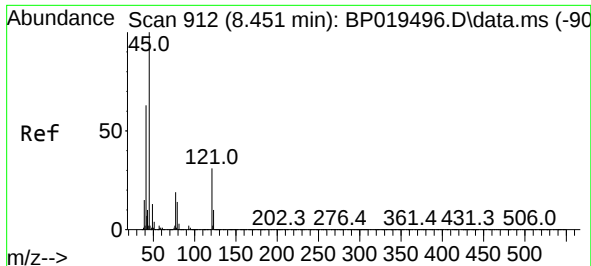
Tgt Ion:146 Resp: 219868
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
111 46.4 37.0 55.6



#15
Benzyl Alcohol
Concen: 43.011 ng
RT: 8.152 min Scan# 861
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 79 Resp: 198248
Ion Ratio Lower Upper
79 100
108 64.7 53.8 80.6
77 61.5 51.3 76.9

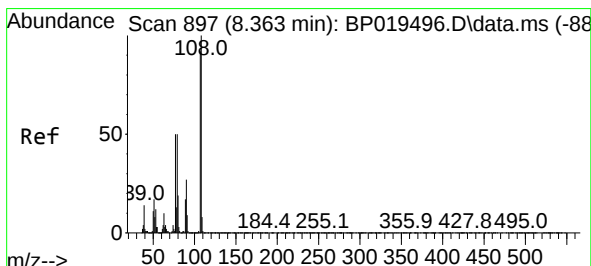
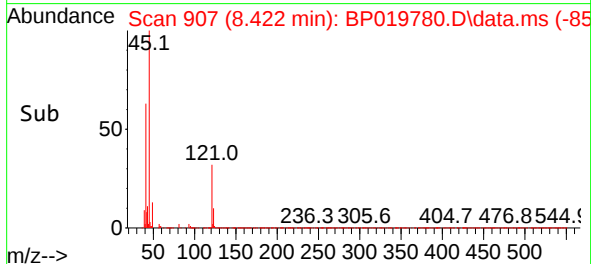
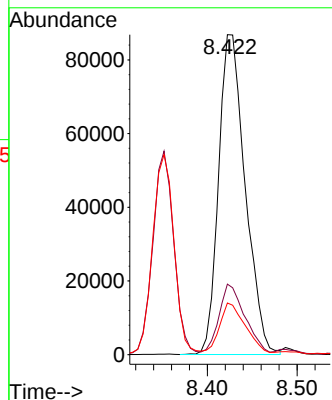
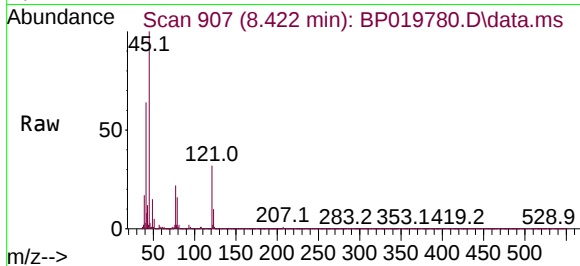




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.107 ng
RT: 8.422 min Scan# 90
Delta R.T. -0.017 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

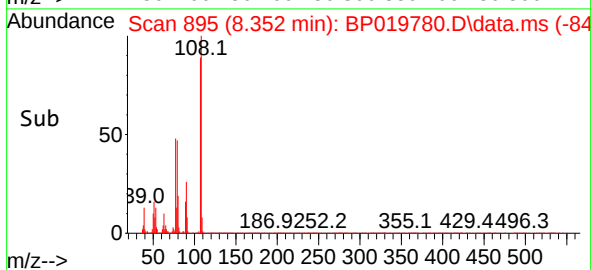
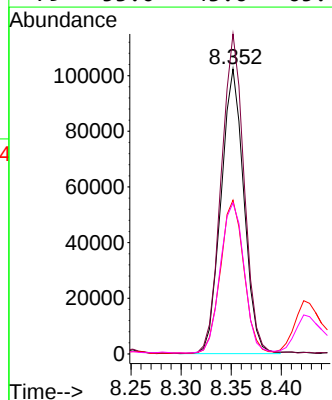
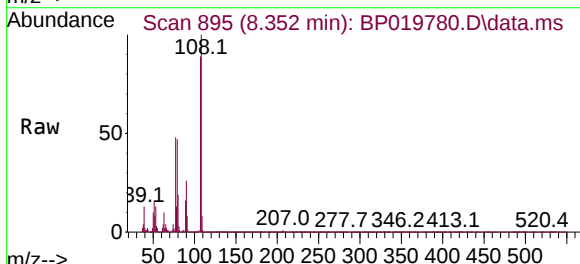
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

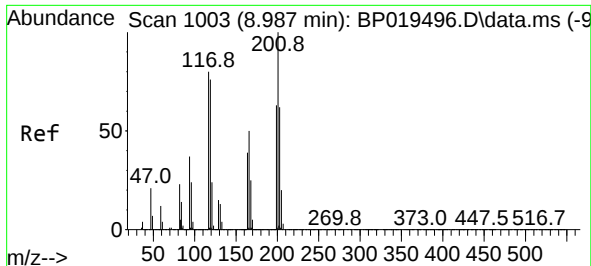
Tgt Ion: 45 Resp: 179403
Ion Ratio Lower Upper
45 100
77 22.0 0.8 40.8
79 16.1 0.0 35.5



#17
2-Methylphenol
Concen: 41.792 ng
RT: 8.352 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 107 Resp: 161769
Ion Ratio Lower Upper
107 100
108 112.3 87.0 130.6
77 54.0 43.5 65.3
79 53.0 43.6 65.4

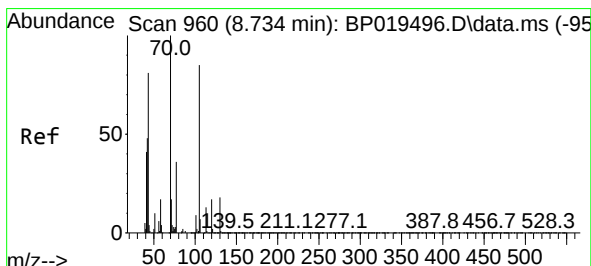
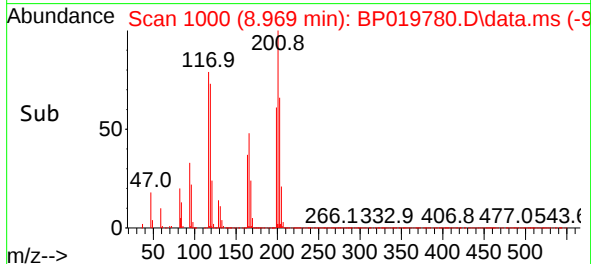
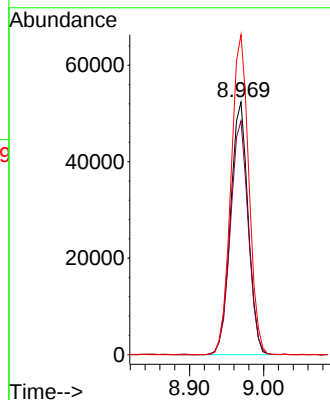
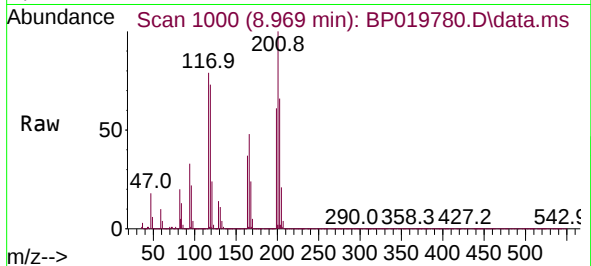




#18
Hexachloroethane
Concen: 41.057 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

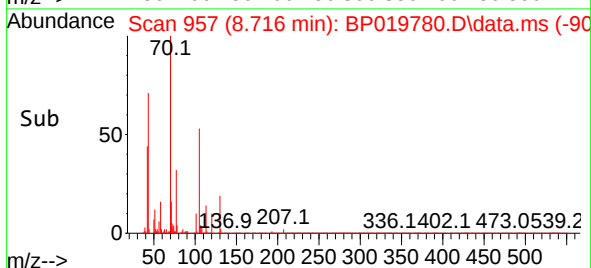
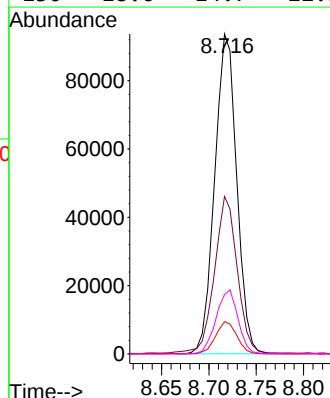
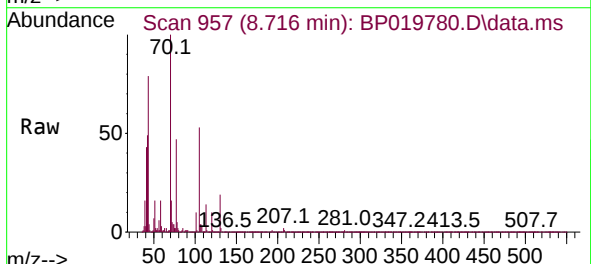
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

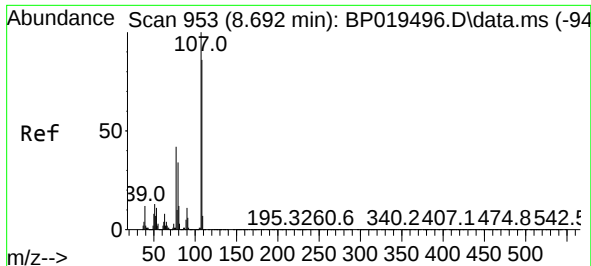
Tgt Ion:117 Resp: 86657
Ion Ratio Lower Upper
117 100
119 92.6 75.5 113.3
201 126.6 99.4 149.2



#19
n-Nitroso-di-n-propylamine
Concen: 38.482 ng
RT: 8.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 70 Resp: 151632
Ion Ratio Lower Upper
70 100
42 49.3 39.2 58.8
101 10.1 7.3 10.9
130 18.6 14.7 22.1

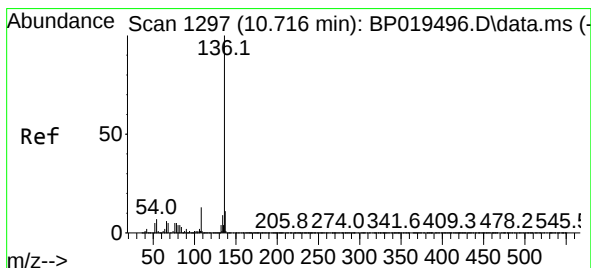
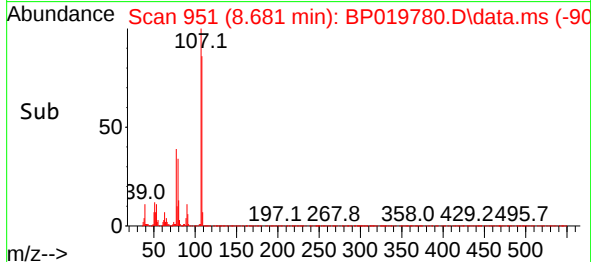
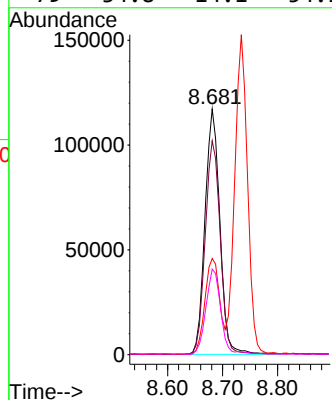
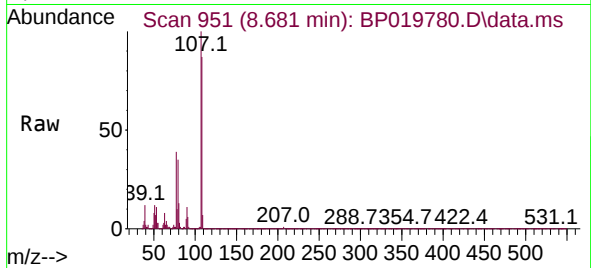




#20
3+4-Methylphenols
Concen: 41.708 ng
RT: 8.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

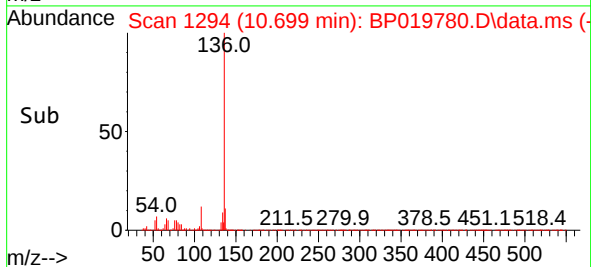
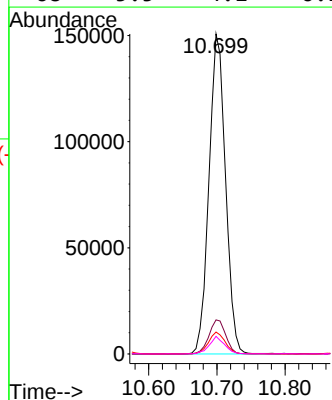
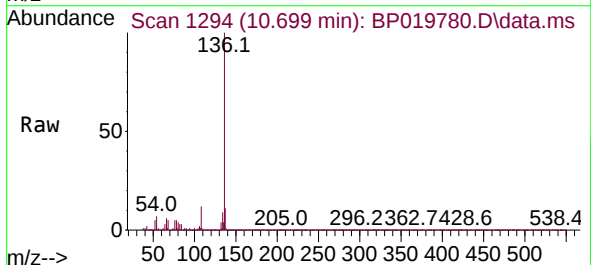
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

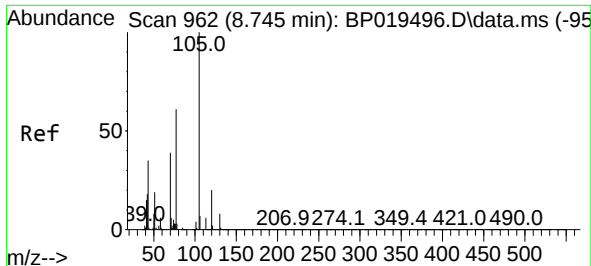
Tgt Ion:107	Resp:	220332
Ion	Ratio	Lower Upper
107	100	
108	87.1	65.5 105.5
77	39.1	21.8 61.8
79	34.8	14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

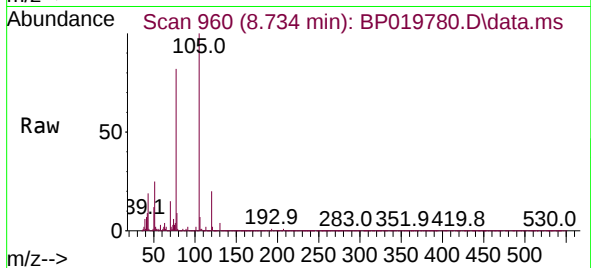
Tgt Ion:136	Resp:	254707
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	6.8	5.3 7.9
68	5.5	4.1 6.1



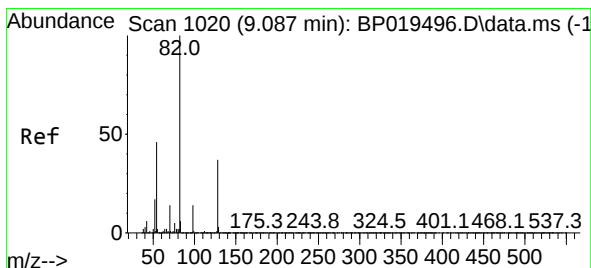
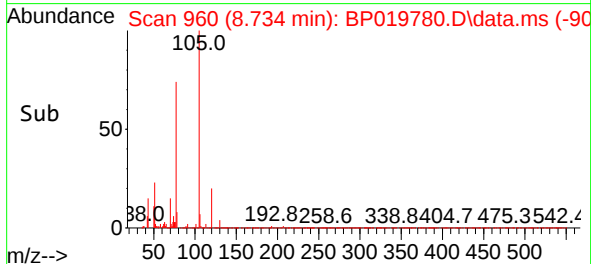
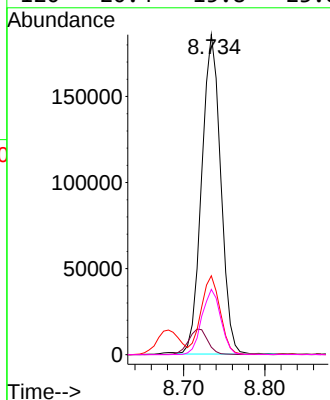


#22
Acetophenone
Concen: 41.604 ng
RT: 8.734 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Instrument :
BNA_P
ClientSampleId :
PB159054BSD

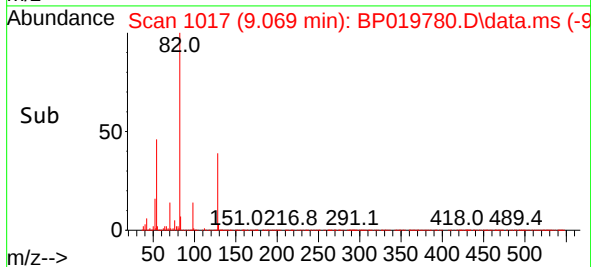
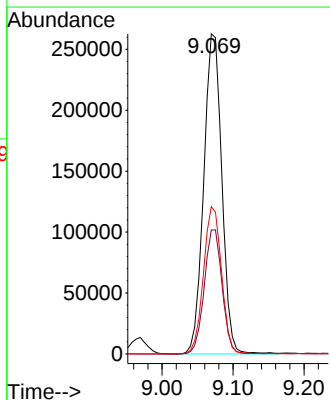
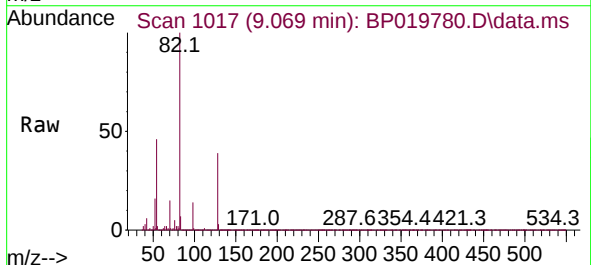


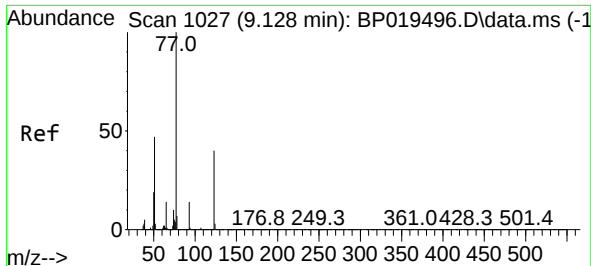
Tgt Ion	105	Resp	301888
Ion	Ratio	Lower	Upper
105	100		
71	2.3	4.9	7.3#
51	24.7	20.7	31.1
120	20.4	15.8	23.8



#23
Nitrobenzene-d5
Concen: 79.364 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion	82	Resp	466512
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.7	44.5
54	46.1	36.8	55.2

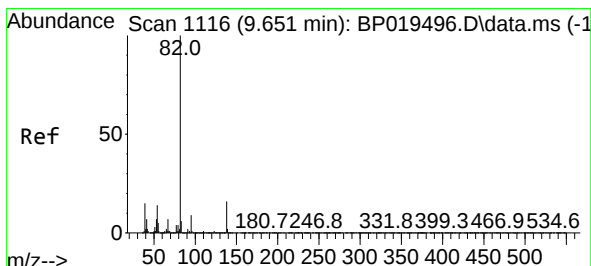
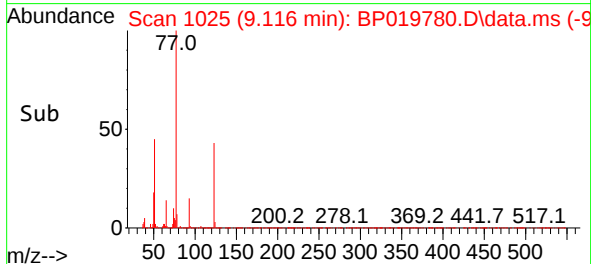
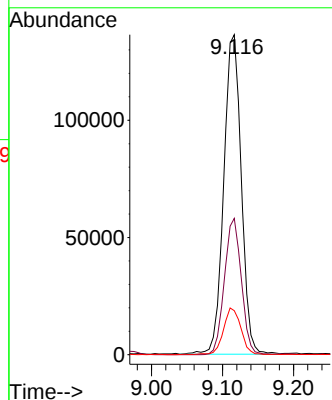
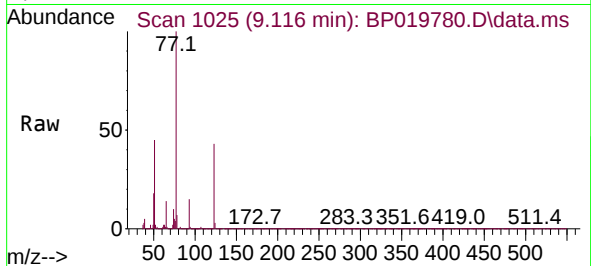




#24
Nitrobenzene
Concen: 39.419 ng
RT: 9.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

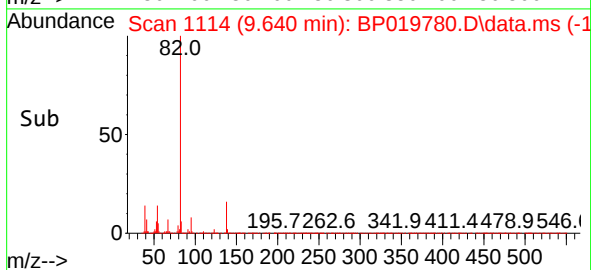
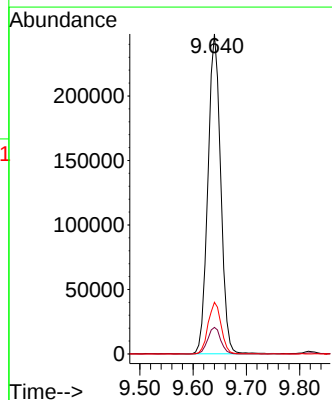
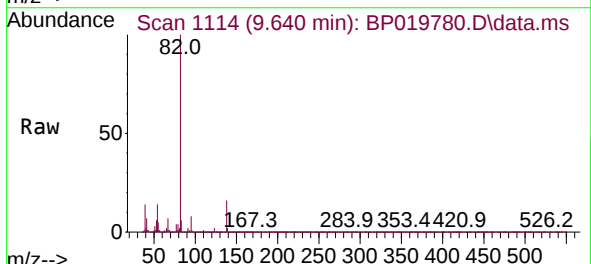
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

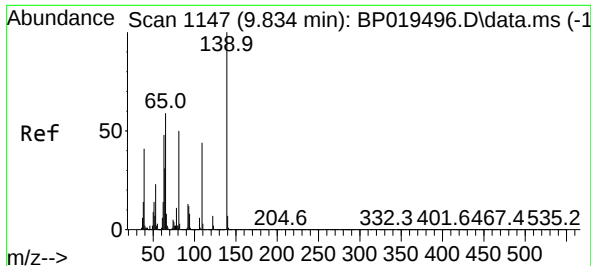
Tgt Ion: 77 Resp: 233295
Ion Ratio Lower Upper
77 100
123 42.6 32.3 48.5
65 13.7 11.6 17.4



#25
Isophorone
Concen: 40.387 ng
RT: 9.640 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 82 Resp: 413449
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 16.1 13.1 19.7

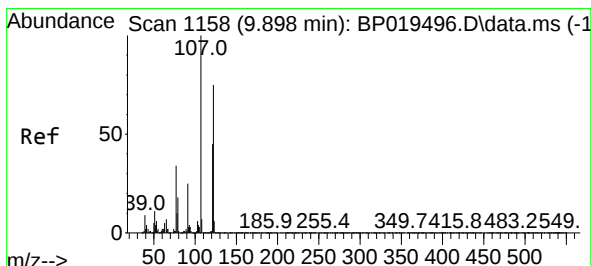
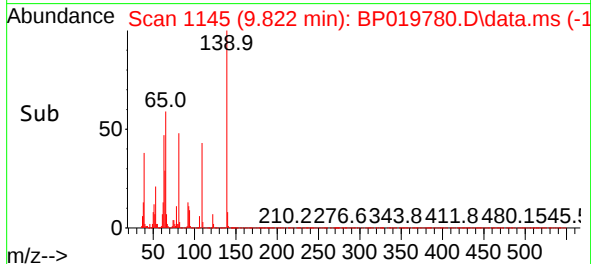
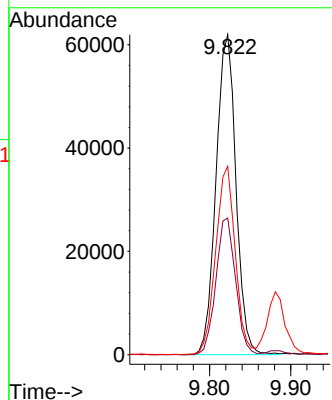
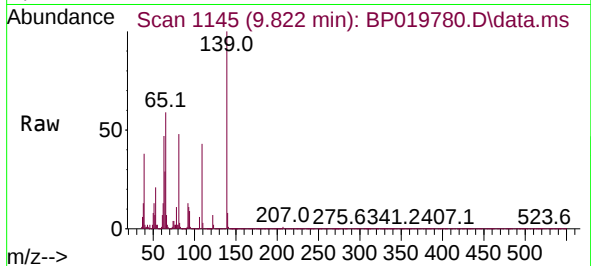




#26
2-Nitrophenol
Concen: 46.915 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

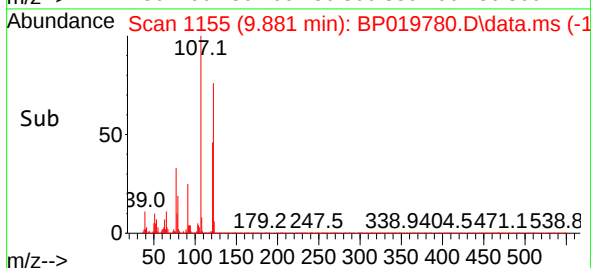
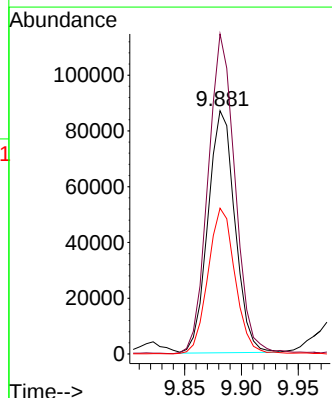
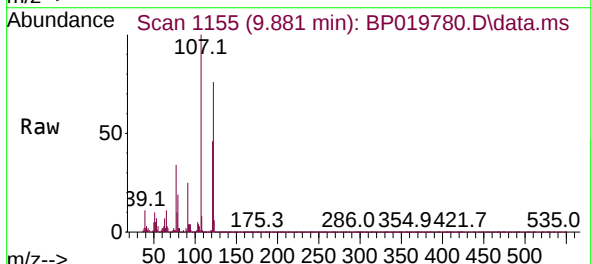
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

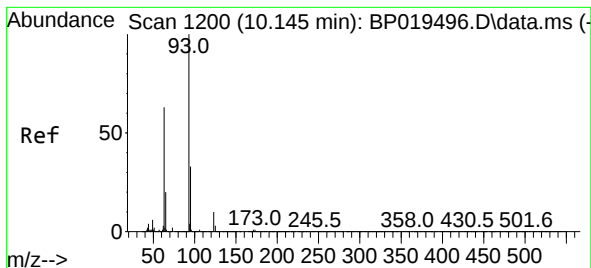
Tgt Ion:139 Resp: 105870
Ion Ratio Lower Upper
139 100
109 42.7 34.9 52.3
65 58.9 47.5 71.3



#27
2,4-Dimethylphenol
Concen: 49.651 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:122 Resp: 143271
Ion Ratio Lower Upper
122 100
107 131.6 105.9 158.9
121 59.9 47.5 71.3

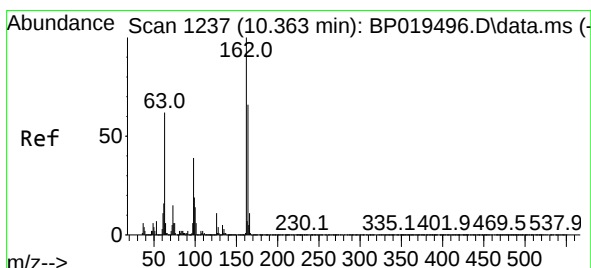
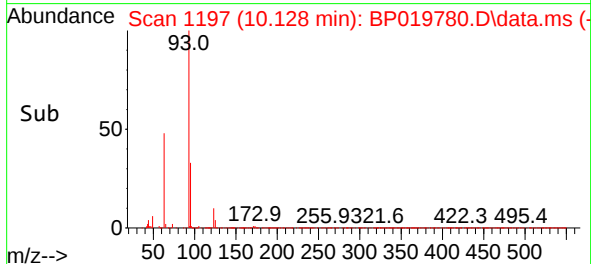
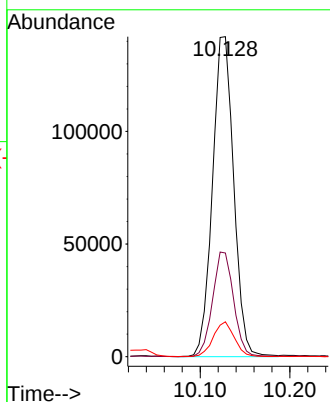
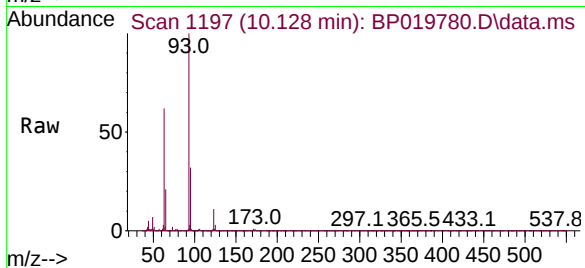




#28
bis(2-Chloroethoxy)methane
Concen: 40.345 ng
RT: 10.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

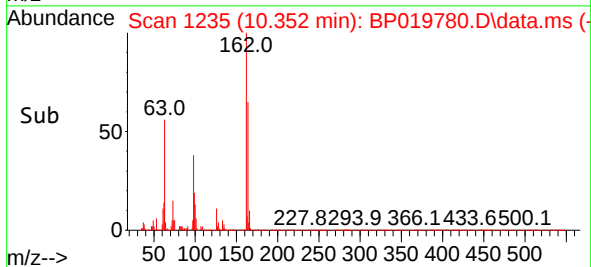
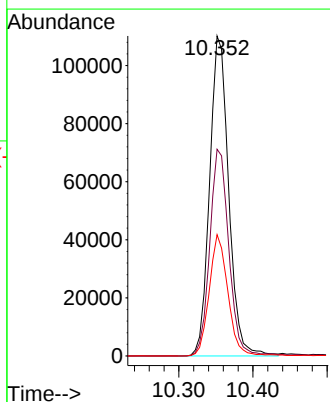
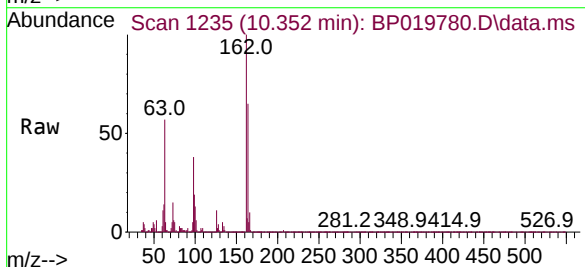
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

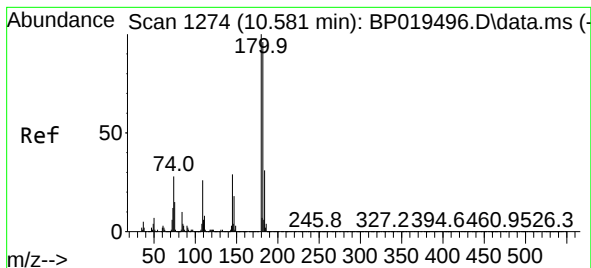
Tgt Ion: 93 Resp: 233680
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.4
123 10.9 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 45.070 ng
RT: 10.352 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:162 Resp: 196592
Ion Ratio Lower Upper
162 100
164 64.6 46.0 86.0
98 37.9 18.7 58.7





#30

1,2,4-Trichlorobenzene

Concen: 42.826 ng

RT: 10.563 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

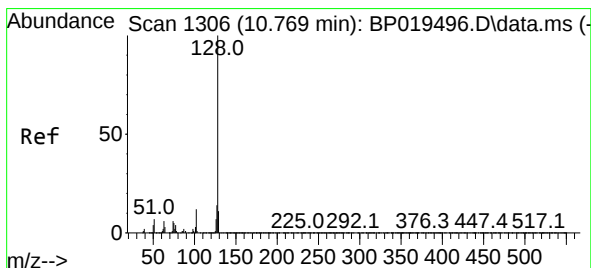
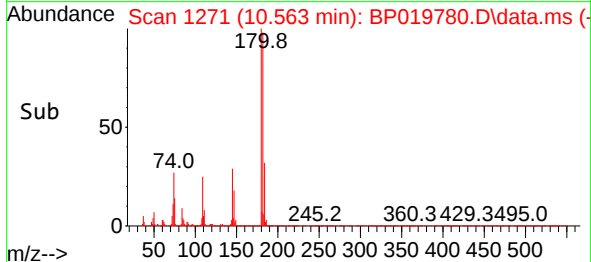
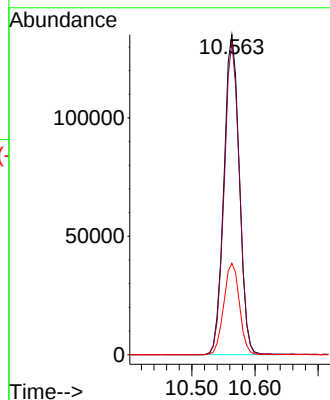
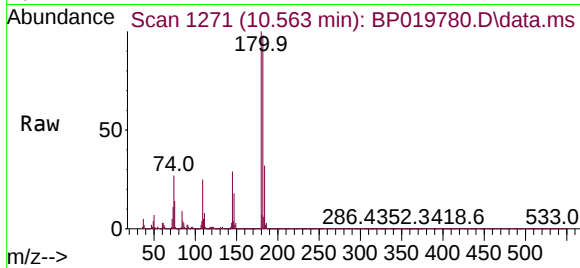
Tgt Ion:180 Resp: 229046

Ion Ratio Lower Upper

180 100

182 97.8 77.0 115.6

145 28.6 23.2 34.8



#31

Naphthalene

Concen: 41.276 ng

RT: 10.752 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

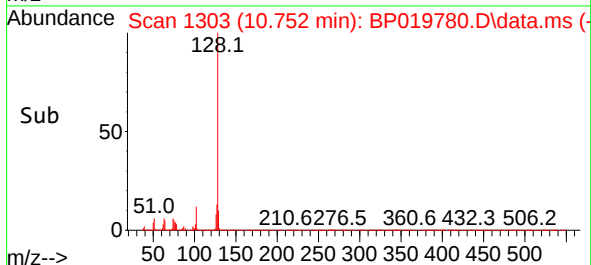
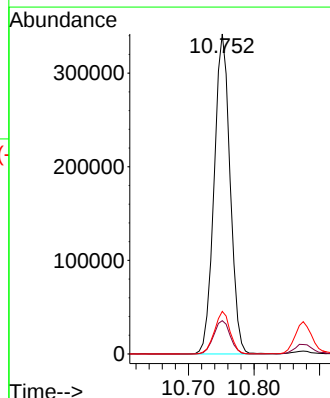
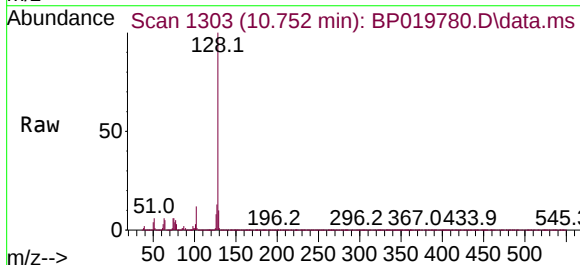
Tgt Ion:128 Resp: 576601

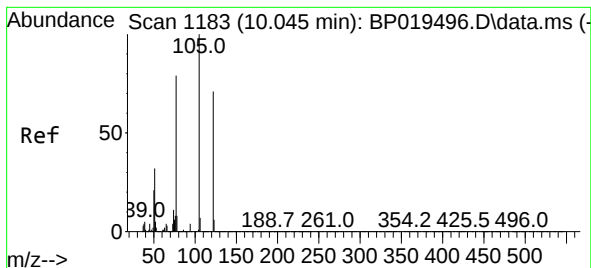
Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

127 13.3 10.8 16.2

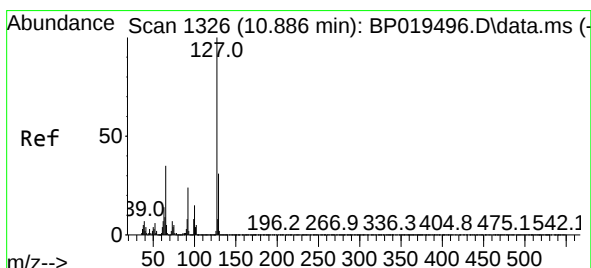
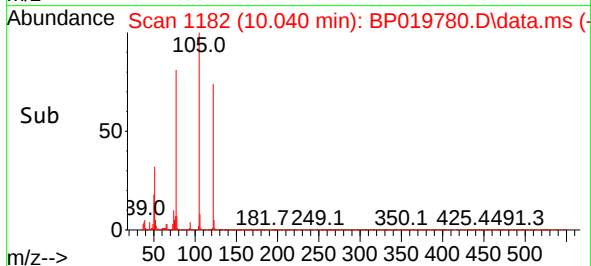
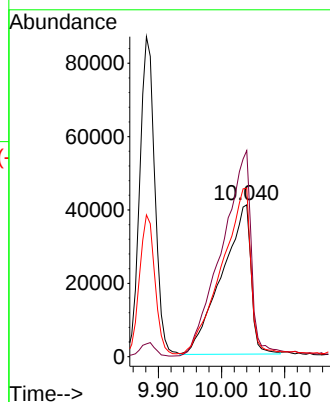
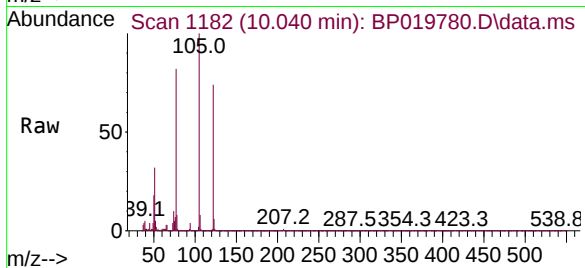




#32
Benzoic acid
Concen: 46.455 ng
RT: 10.040 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

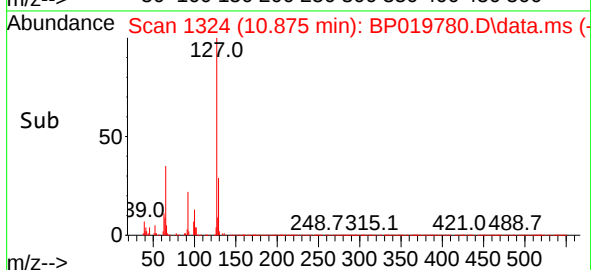
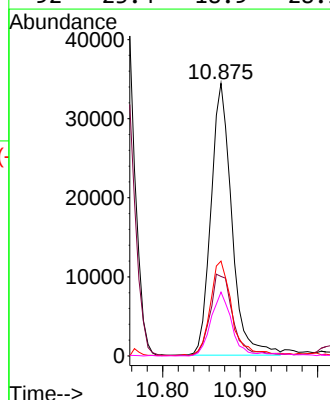
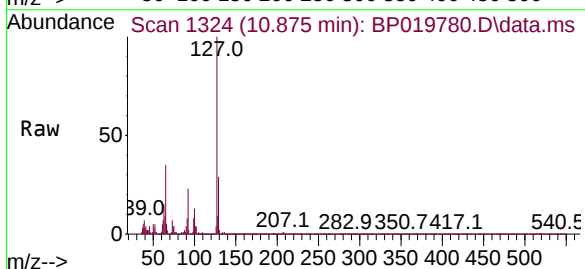
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

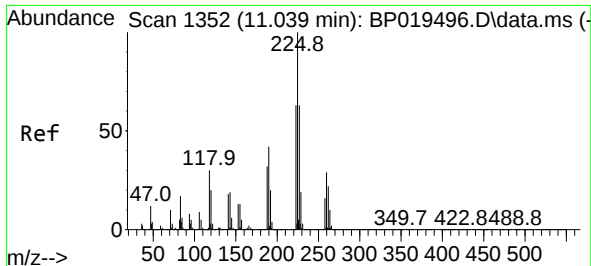
Tgt Ion:122 Resp: 130603
Ion Ratio Lower Upper
122 100
105 135.8 118.8 158.8
77 111.0 91.7 131.7



#33
4-Chloroaniline
Concen: 12.404 ng
RT: 10.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:127 Resp: 64082
Ion Ratio Lower Upper
127 100
129 29.2 24.6 36.8
65 34.8 28.2 42.4
92 23.4 18.9 28.3

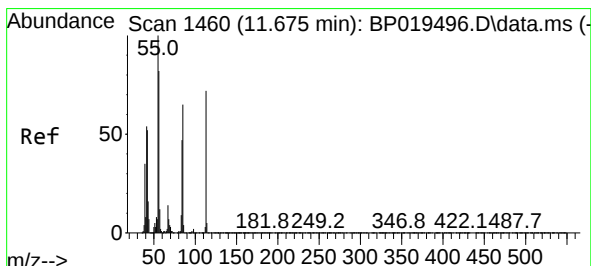
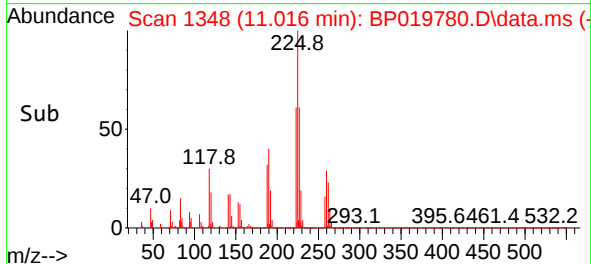
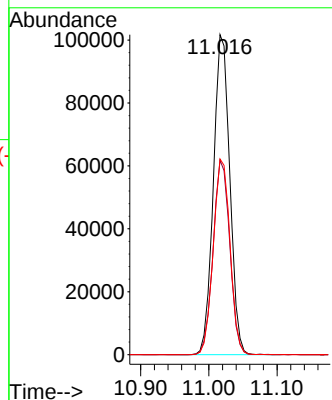
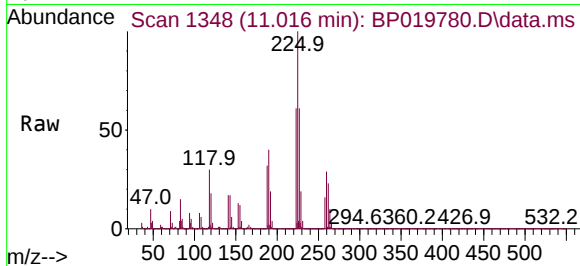




#34
Hexachlorobutadiene
Concen: 42.954 ng
RT: 11.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

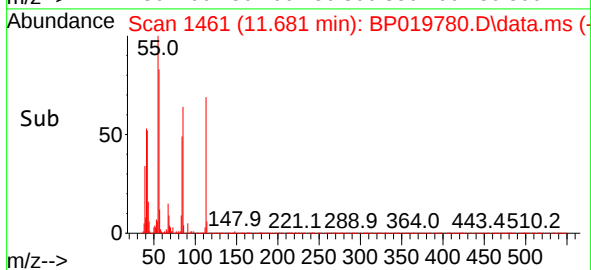
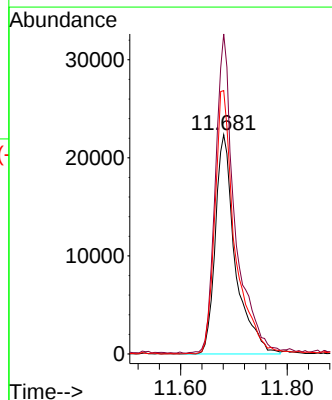
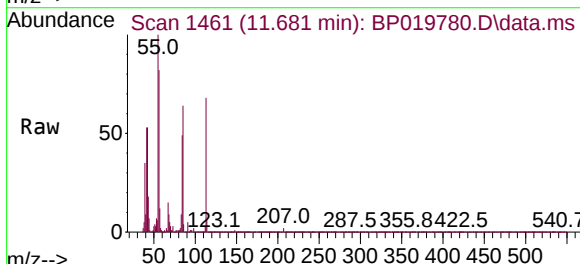
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

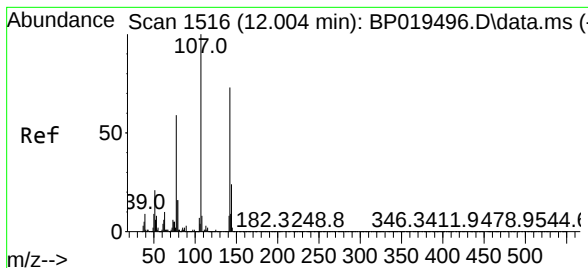
Tgt Ion:225 Resp: 170239
Ion Ratio Lower Upper
225 100
223 60.8 50.5 75.7
227 61.1 50.2 75.2



#35
Caprolactam
Concen: 47.244 ng
RT: 11.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:113 Resp: 58339
Ion Ratio Lower Upper
113 100
55 146.0 120.0 160.0
56 120.2 94.0 134.0

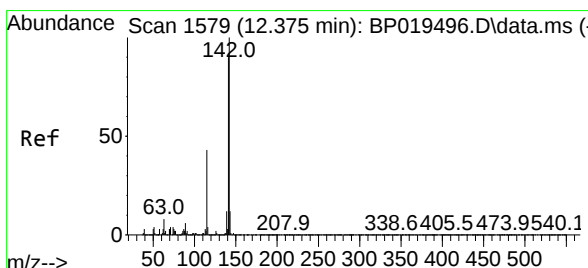
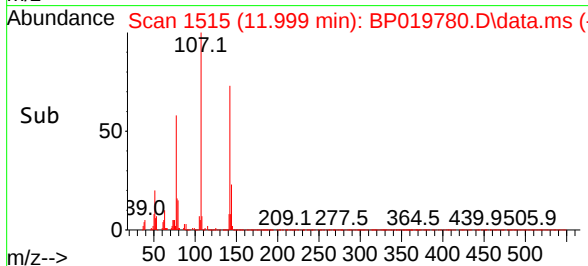
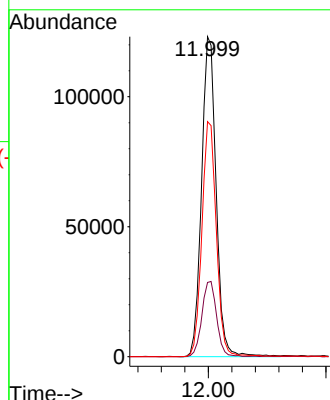
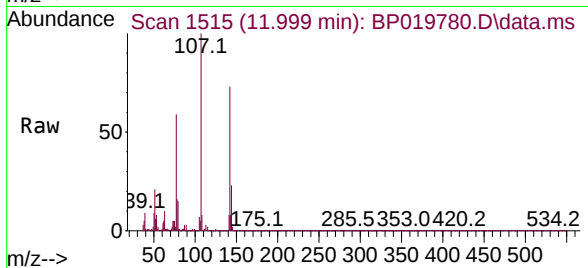




#36
4-Chloro-3-methylphenol
Concen: 44.417 ng
RT: 11.999 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

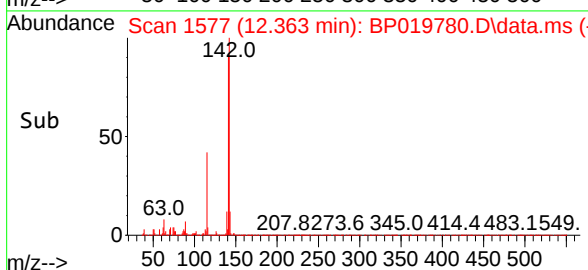
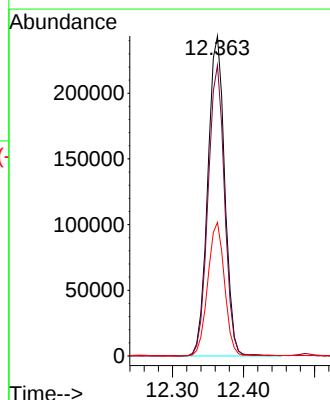
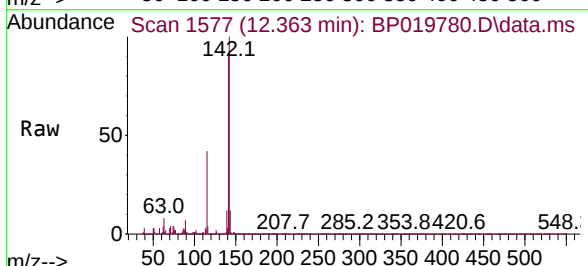
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

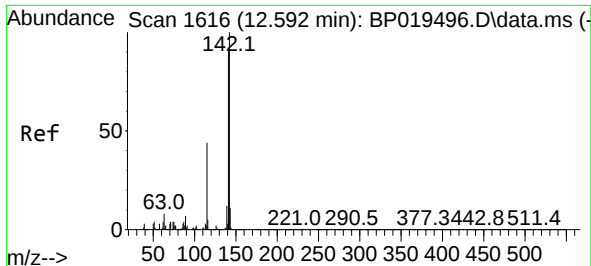
Tgt Ion:107 Resp: 211256
Ion Ratio Lower Upper
107 100
144 23.2 19.0 28.4
142 73.5 58.6 88.0



#37
2-Methylnaphthalene
Concen: 41.589 ng
RT: 12.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:142 Resp: 402068
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4
115 41.7 34.2 51.2

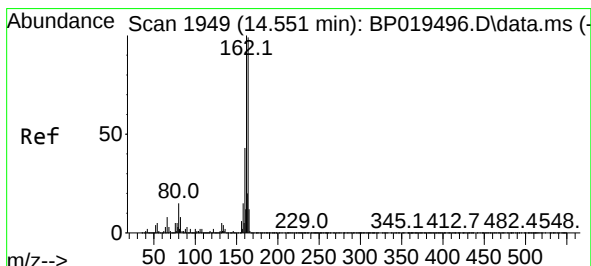
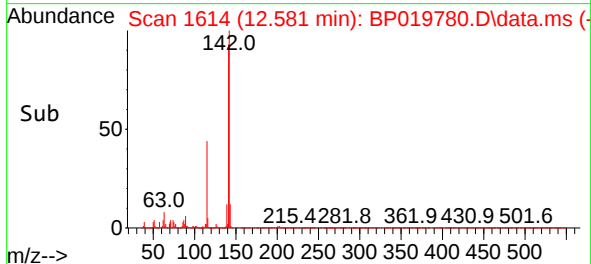
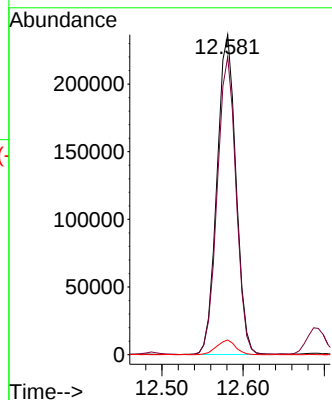
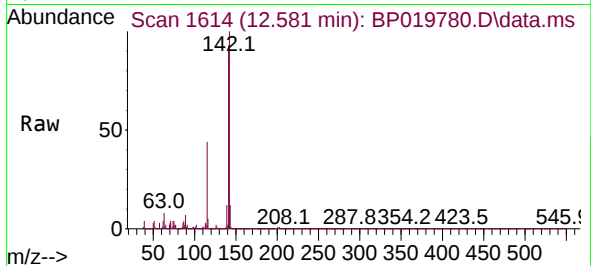




#38
1-Methylnaphthalene
Concen: 40.415 ng
RT: 12.581 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

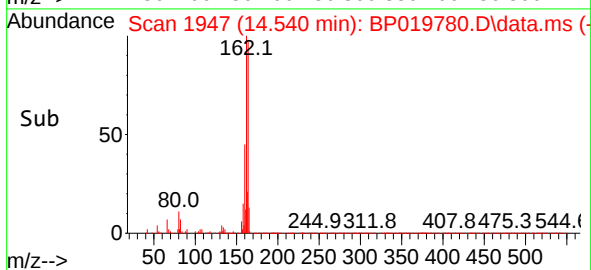
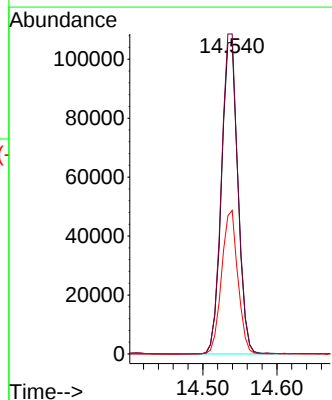
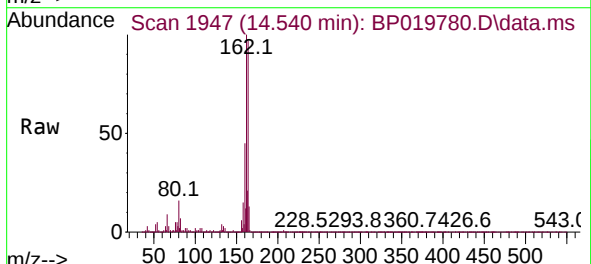
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

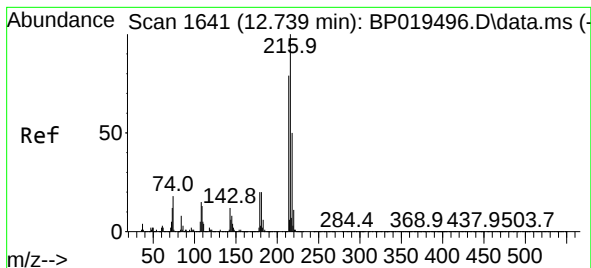
Tgt Ion:142 Resp: 383958
Ion Ratio Lower Upper
142 100
141 93.1 74.0 111.0
116 4.6 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:164 Resp: 163050
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 46.1 35.1 52.7

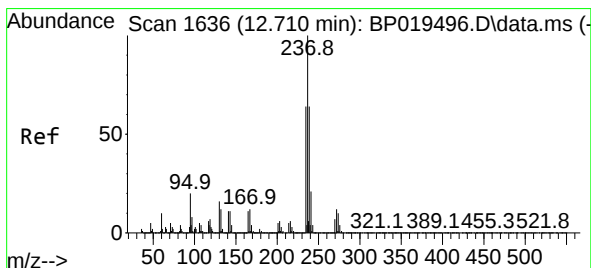
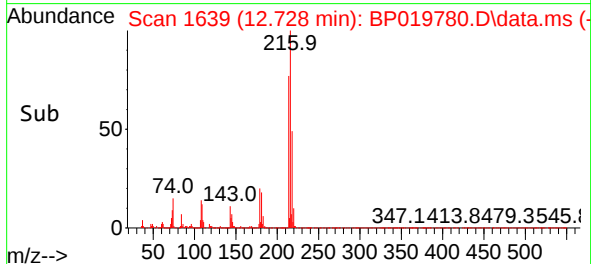
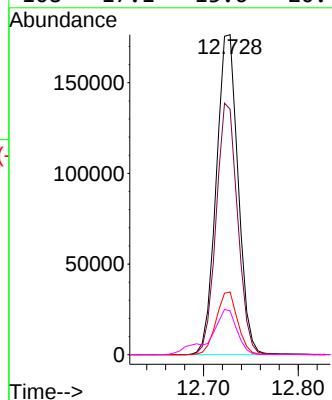
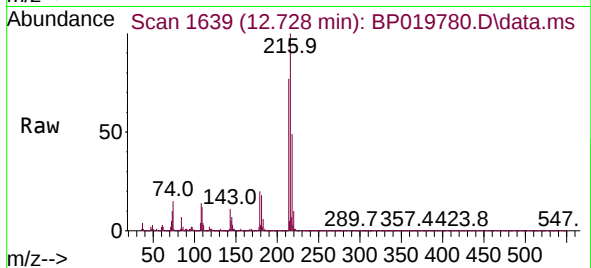




#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.023 ng
RT: 12.728 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

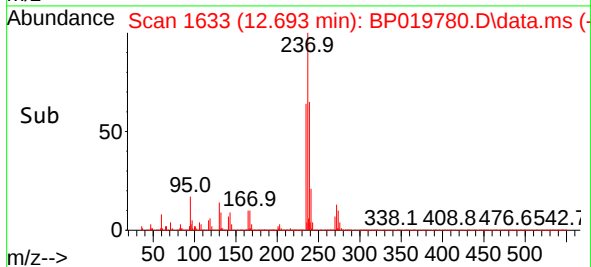
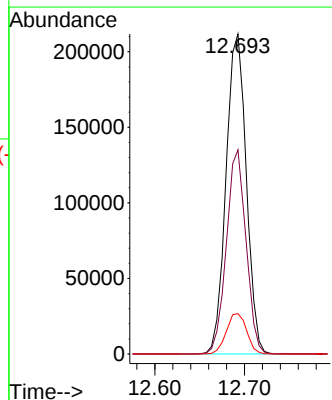
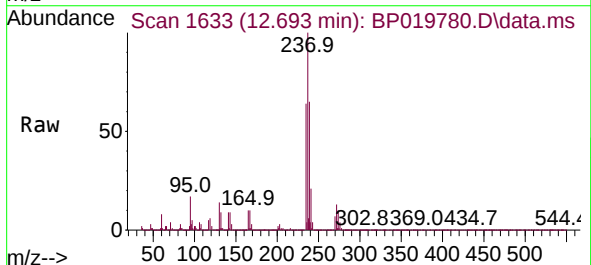
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

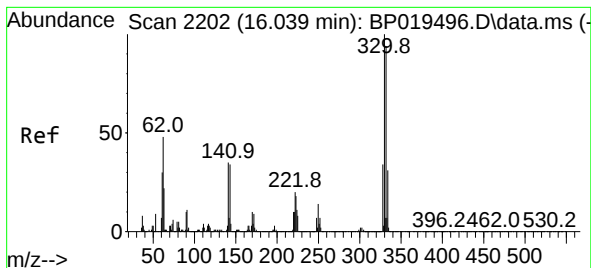
Tgt Ion:216 Resp: 283115
Ion Ratio Lower Upper
216 100
214 77.3 62.8 94.2
179 19.4 16.6 24.8
108 17.1 13.6 20.4



#41
Hexachlorocyclopentadiene
Concen: 116.670 ng
RT: 12.693 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:237 Resp: 331425
Ion Ratio Lower Upper
237 100
235 63.8 43.7 83.7
272 12.6 0.0 32.4





#42

2,4,6-Tribromophenol

Concen: 155.903 ng

RT: 16.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

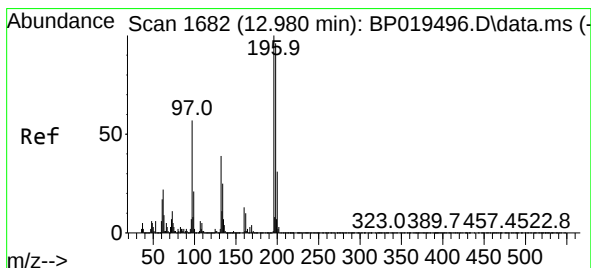
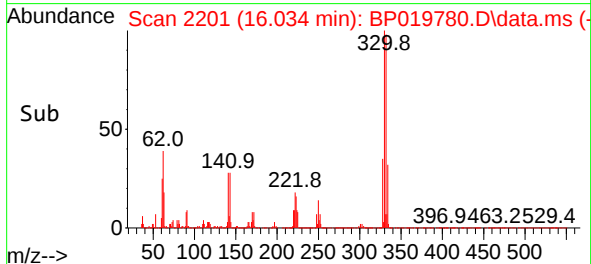
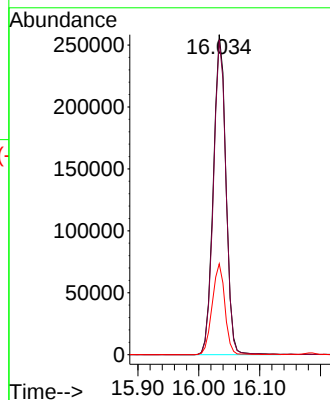
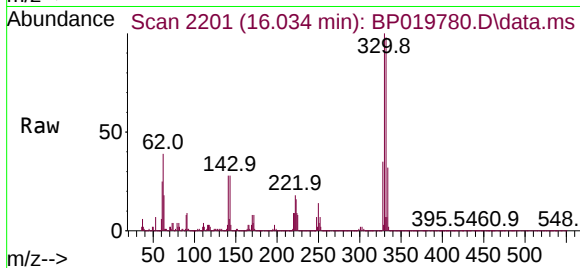
Tgt Ion:330 Resp: 371150

Ion Ratio Lower Upper

330 100

332 97.7 77.2 115.8

141 28.6 27.0 40.4



#43

2,4,6-Trichlorophenol

Concen: 46.336 ng

RT: 12.975 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

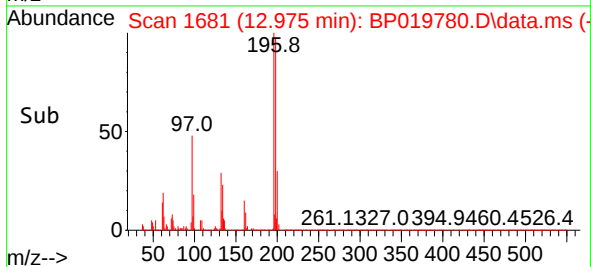
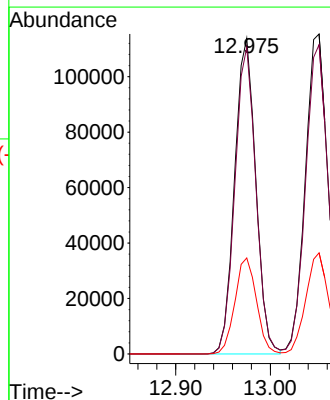
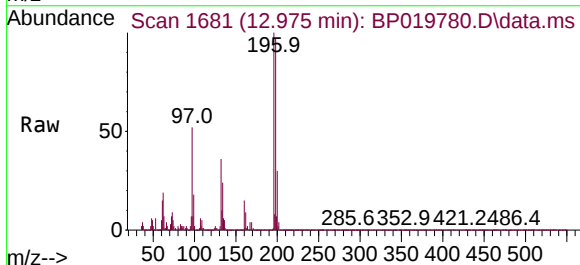
Tgt Ion:196 Resp: 176433

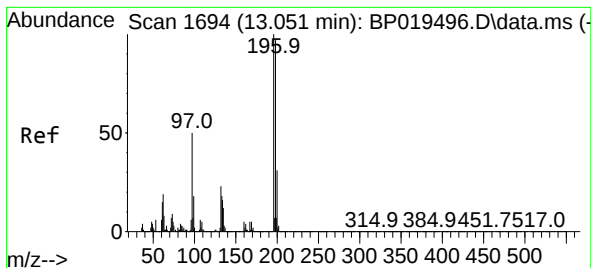
Ion Ratio Lower Upper

196 100

198 97.2 76.7 115.1

200 30.4 24.6 36.8

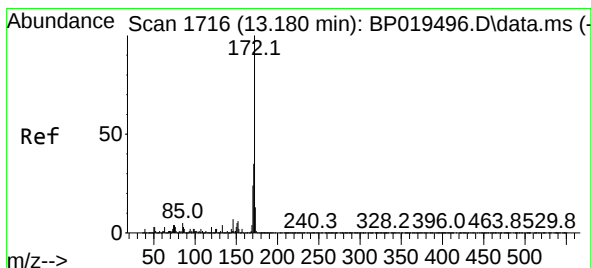
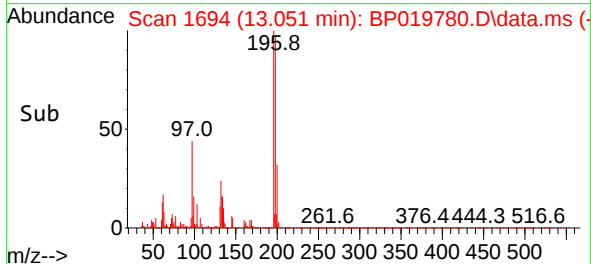
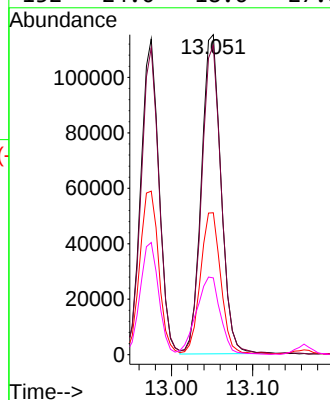
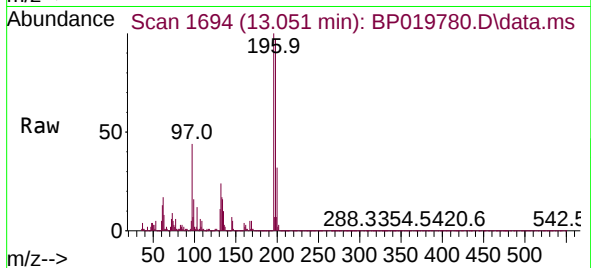




#44
2,4,5-Trichlorophenol
Concen: 46.212 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

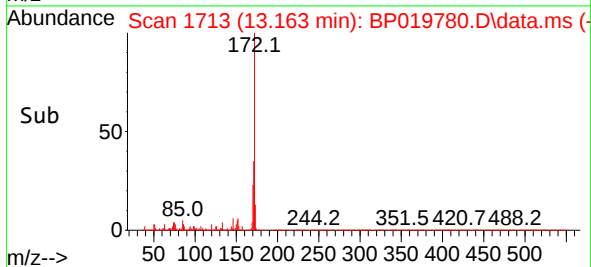
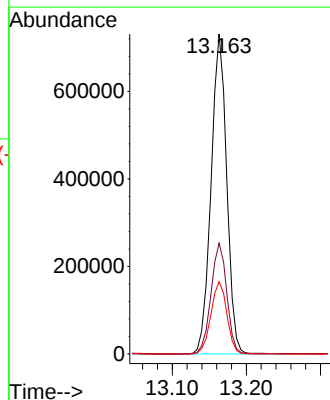
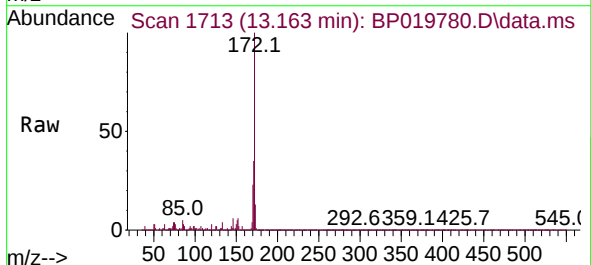
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

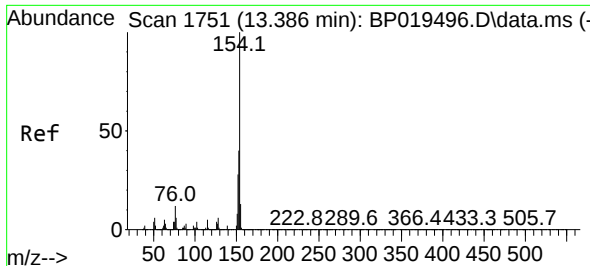
Tgt Ion:196 Resp: 193220
Ion Ratio Lower Upper
196 100
198 96.7 77.5 116.3
97 44.3 39.9 59.9
132 24.0 18.6 27.8



#45
2-Fluorobiphenyl
Concen: 80.982 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:172 Resp: 1068103
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 22.6 18.9 28.3

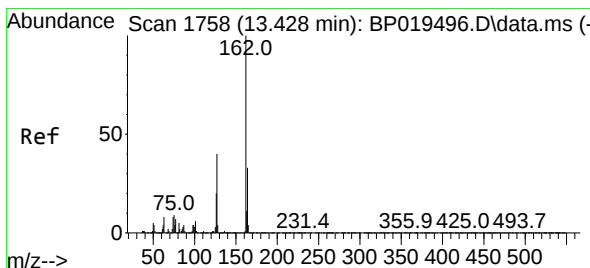
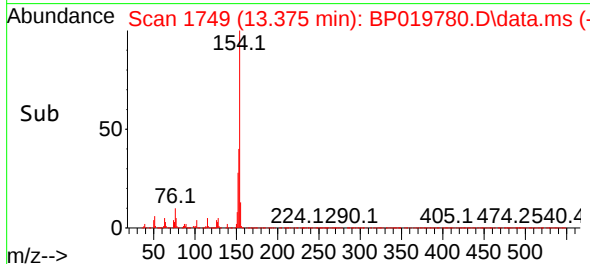
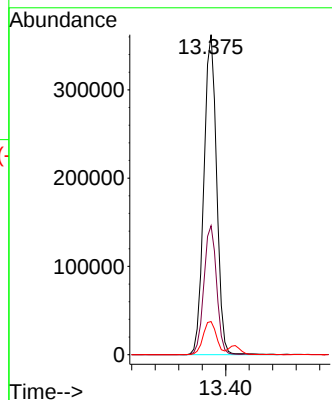
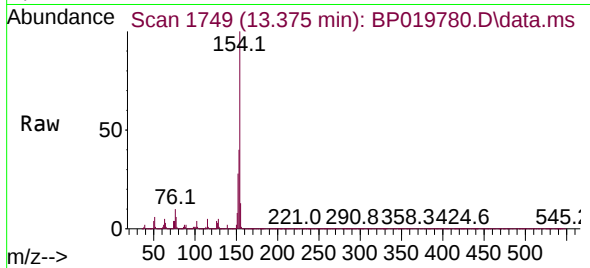




#46
1,1'-Biphenyl
Concen: 41.955 ng
RT: 13.375 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

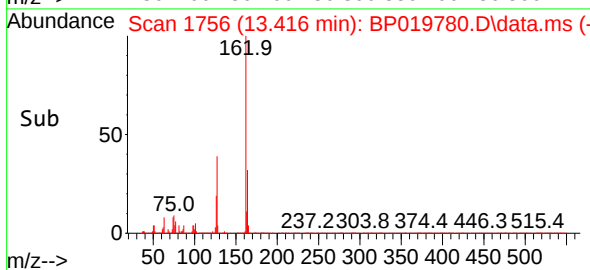
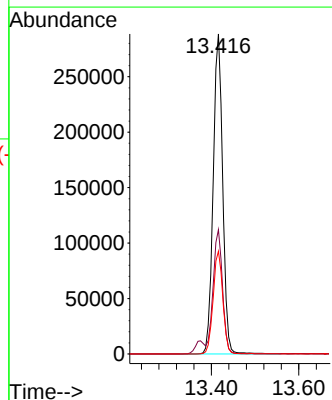
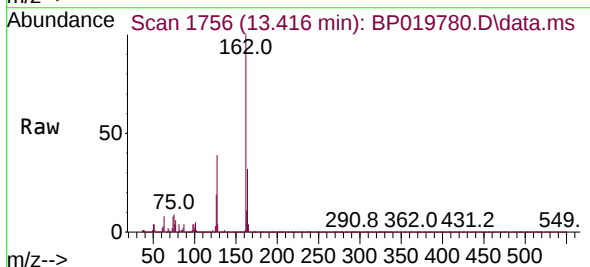
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

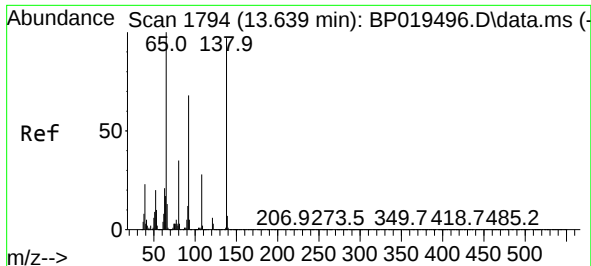
Tgt Ion:154 Resp: 545985
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 10.4 0.0 31.6



#47
2-Chloronaphthalene
Concen: 40.960 ng
RT: 13.416 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:162 Resp: 437563
Ion Ratio Lower Upper
162 100
127 38.8 32.1 48.1
164 32.1 26.7 40.1

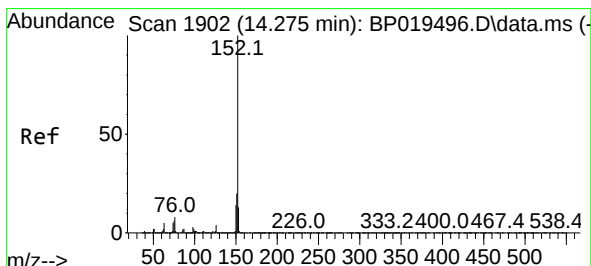
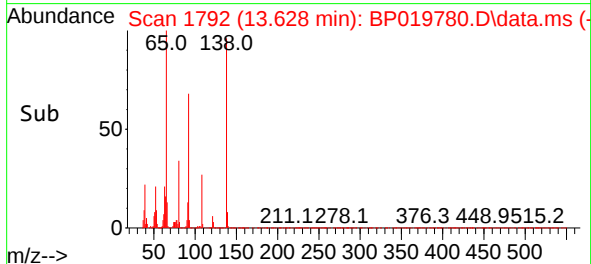
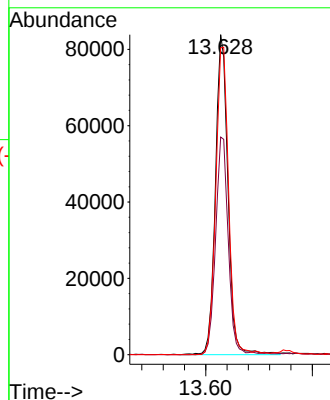
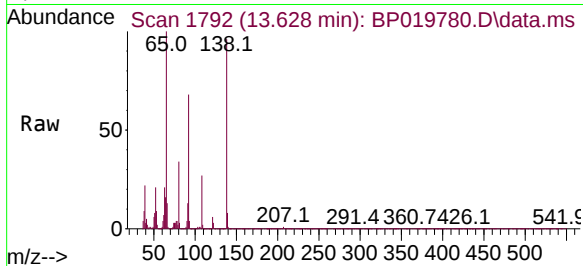




#48
2-Nitroaniline
Concen: 45.819 ng
RT: 13.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

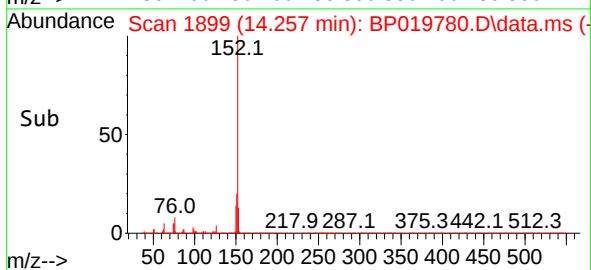
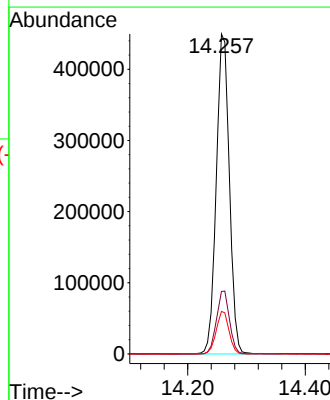
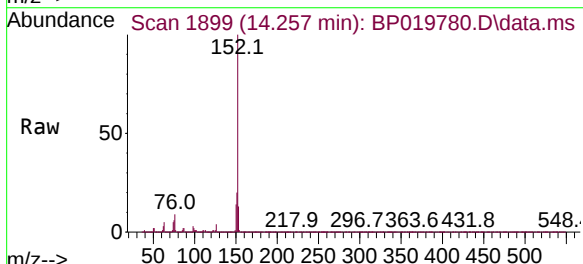
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

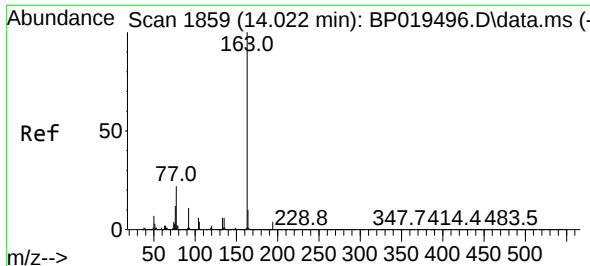
Tgt Ion: 65 Resp: 136866
Ion Ratio Lower Upper
65 100
92 68.0 54.7 82.1
138 95.9 77.8 116.6



#49
Acenaphthylene
Concen: 46.318 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 152 Resp: 694184
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.6 15.8

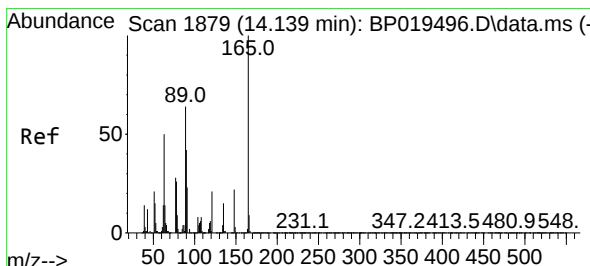
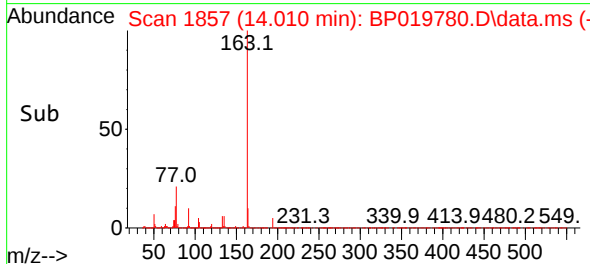
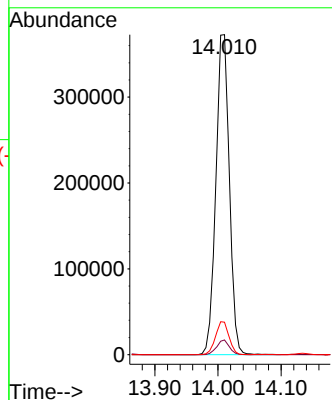
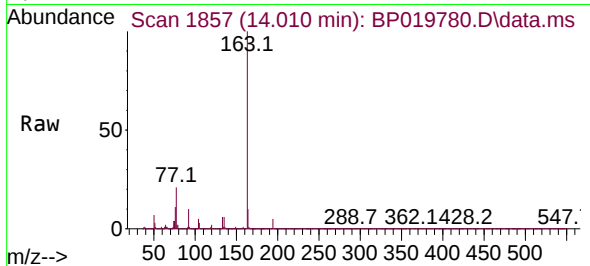




#50
Dimethylphthalate
Concen: 44.244 ng
RT: 14.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

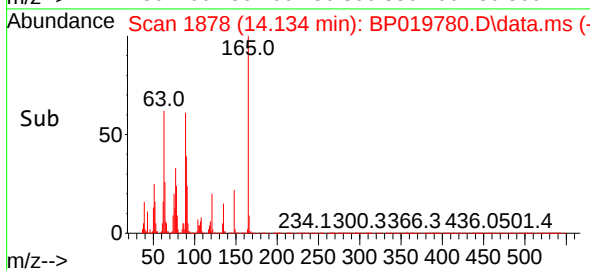
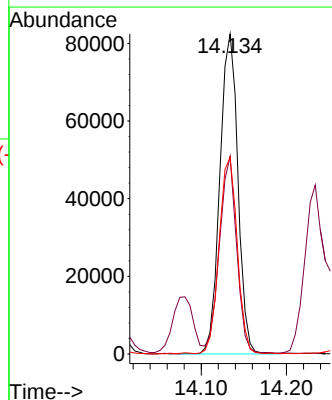
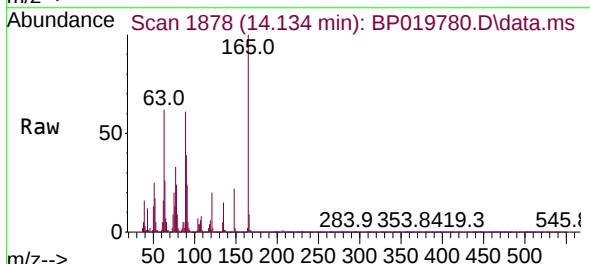
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

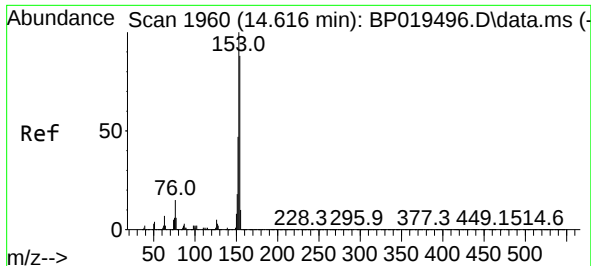
Tgt Ion:163 Resp: 552255
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.2 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 44.210 ng
RT: 14.134 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:165 Resp: 121241
Ion Ratio Lower Upper
165 100
63 61.7 50.4 75.6
89 61.5 51.7 77.5

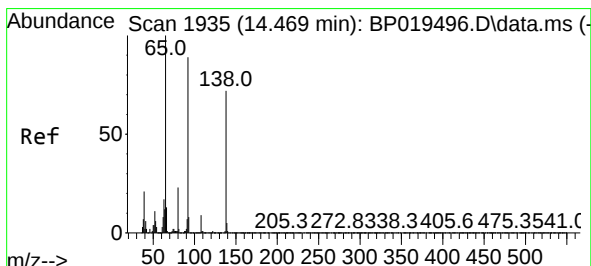
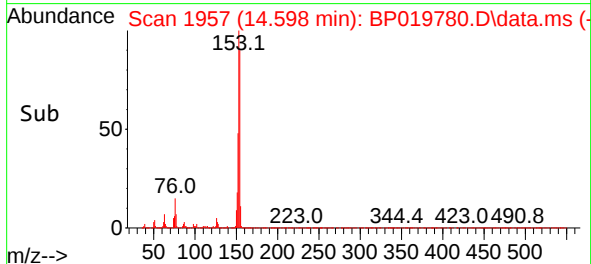
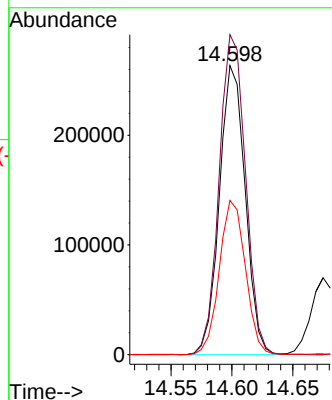
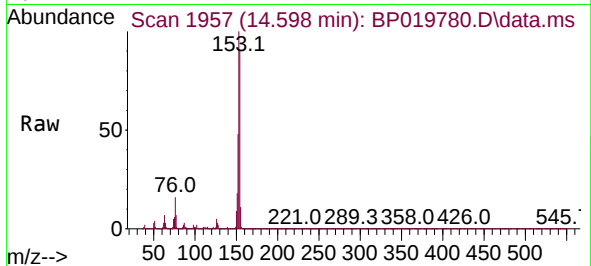




#52
Acenaphthene
Concen: 41.741 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

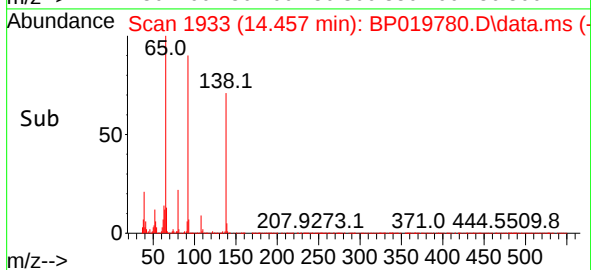
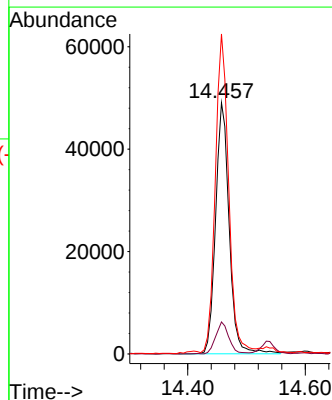
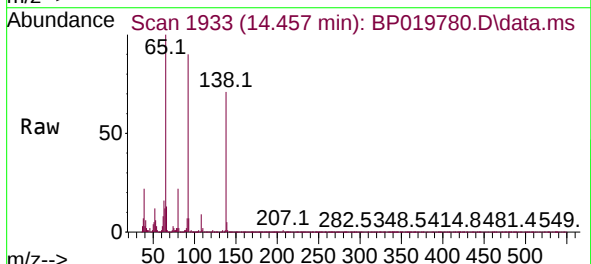
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

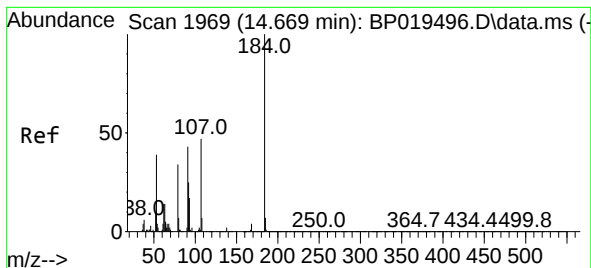
Tgt Ion:154 Resp: 388267
Ion Ratio Lower Upper
154 100
153 110.7 90.5 135.7
152 53.3 42.1 63.1



#53
3-Nitroaniline
Concen: 31.219 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:138 Resp: 78679
Ion Ratio Lower Upper
138 100
108 12.8 9.7 14.5
92 127.4 98.0 147.0

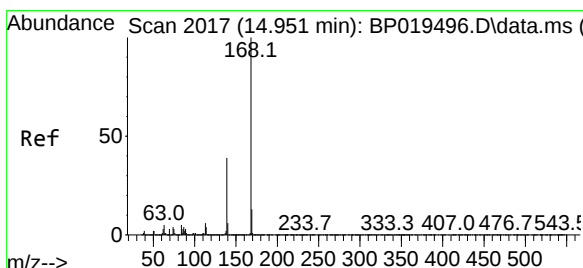
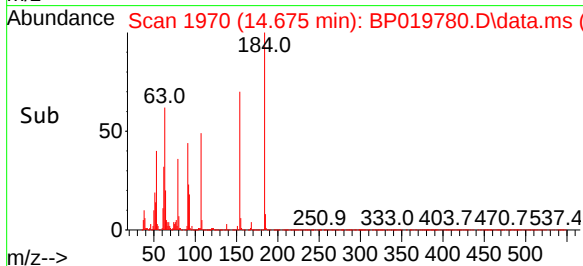
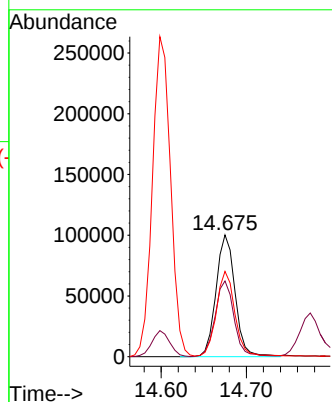
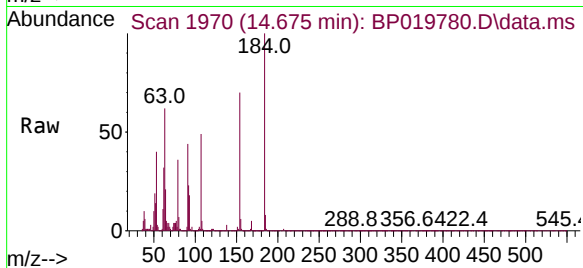




#54
2,4-Dinitrophenol
Concen: 108.973 ng
RT: 14.675 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

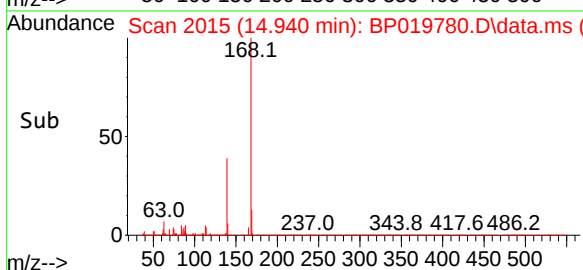
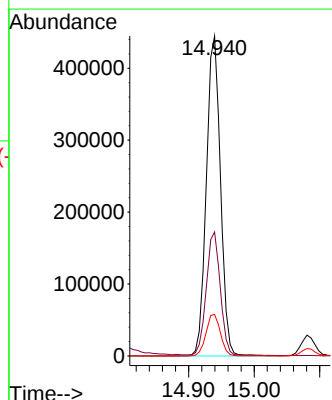
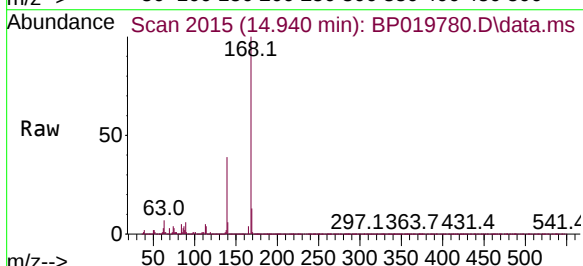
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

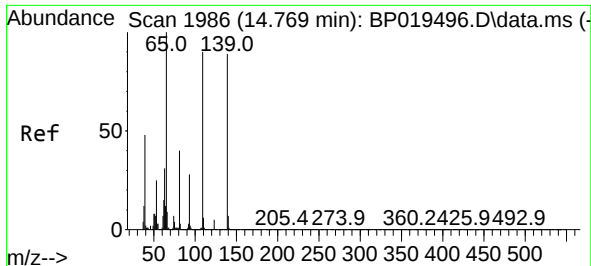
Tgt Ion:184 Resp: 155163
Ion Ratio Lower Upper
184 100
63 62.2 50.5 75.7
154 70.0 53.4 80.0



#55
Dibenzofuran
Concen: 44.001 ng
RT: 14.940 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:168 Resp: 666619
Ion Ratio Lower Upper
168 100
139 38.7 31.5 47.3
169 13.0 10.3 15.5

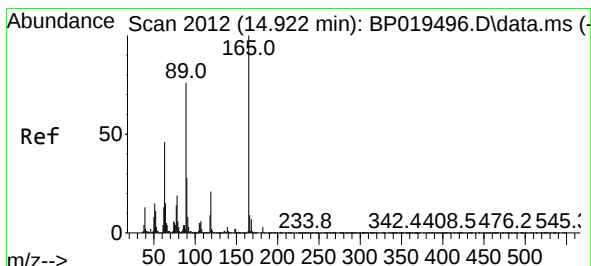
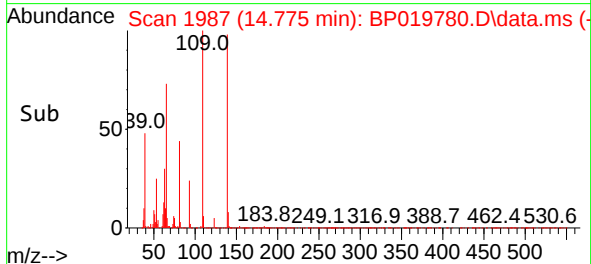
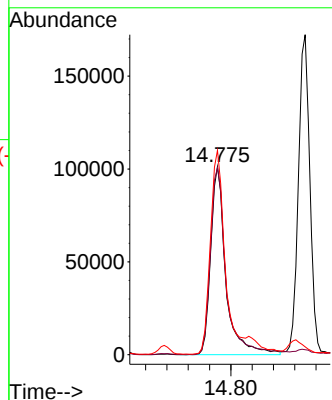
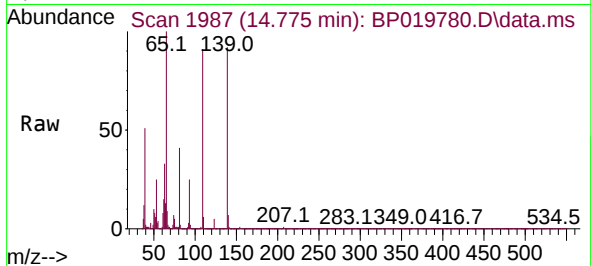




#56
4-Nitrophenol
Concen: 96.802 ng
RT: 14.775 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

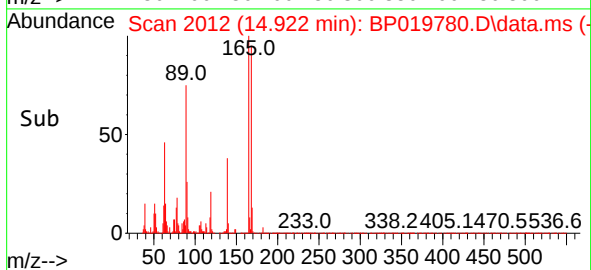
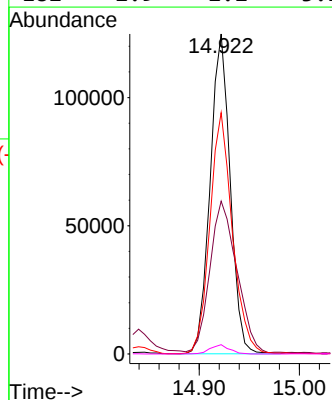
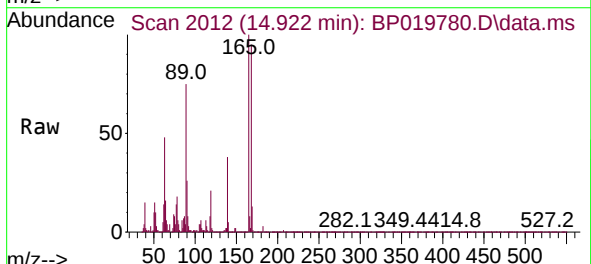
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

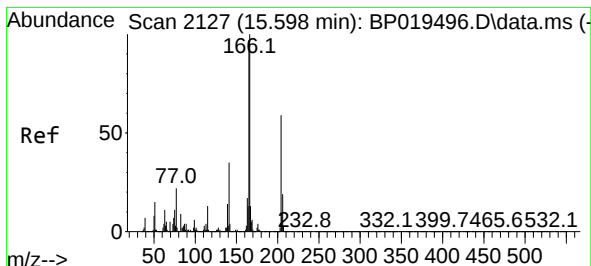
Tgt Ion:139 Resp: 199963
Ion Ratio Lower Upper
139 100
109 99.4 82.0 122.0
65 108.6 92.9 132.9



#57
2,4-Dinitrotoluene
Concen: 48.230 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:165 Resp: 173324
Ion Ratio Lower Upper
165 100
63 47.7 36.9 55.3
89 75.4 61.1 91.7
182 2.9 2.2 3.2





#58

Fluorene

Concen: 44.459 ng

RT: 15.587 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

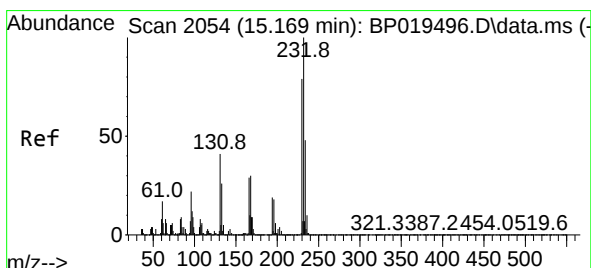
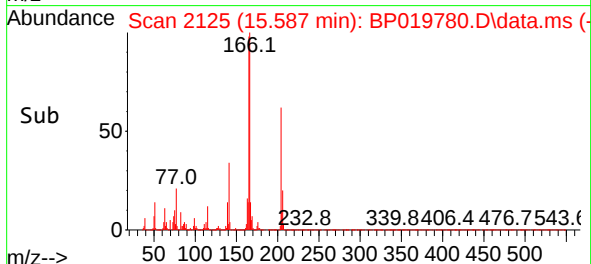
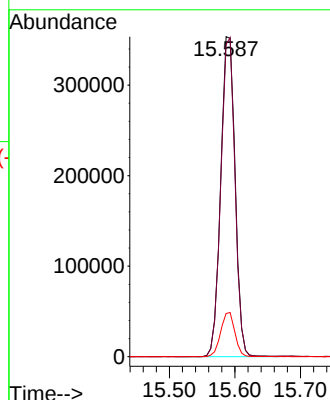
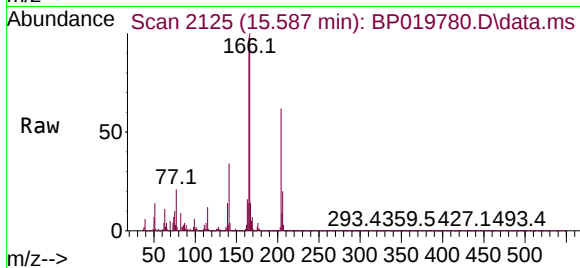
Tgt Ion:166 Resp: 536468

Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.8

167 13.5 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 51.976 ng

RT: 15.163 min Scan# 2053

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Tgt Ion:232 Resp: 182795

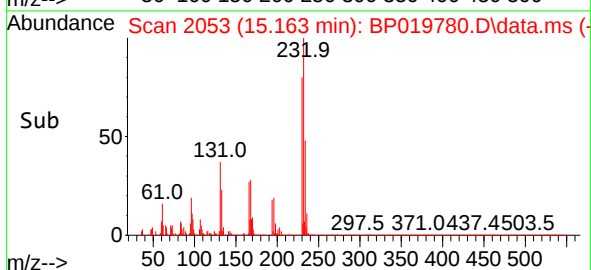
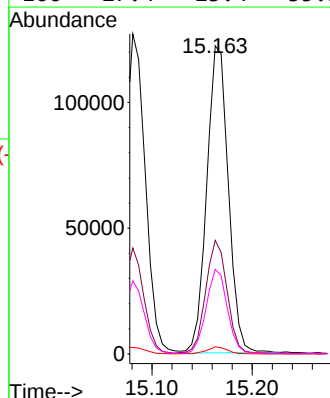
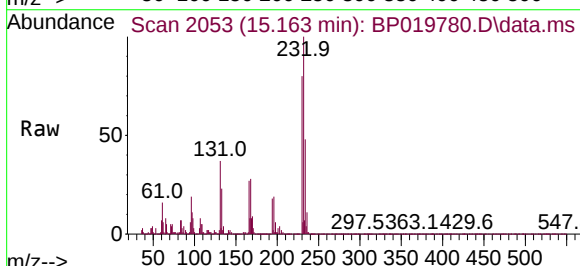
Ion Ratio Lower Upper

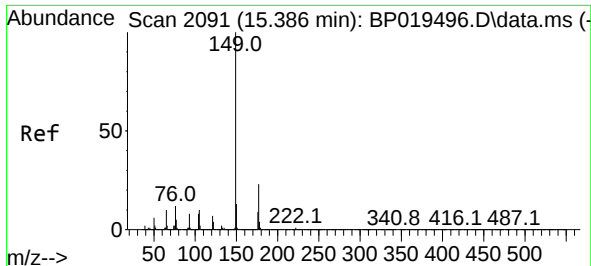
232 100

131 36.4 32.4 48.6

130 2.2 1.9 2.9

166 27.4 23.4 35.2

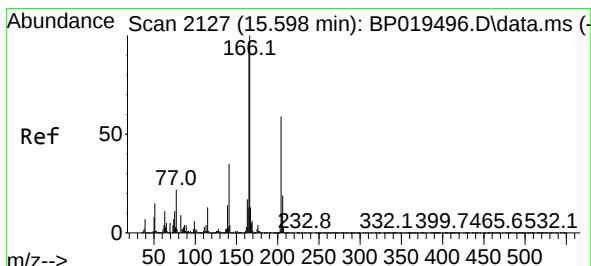
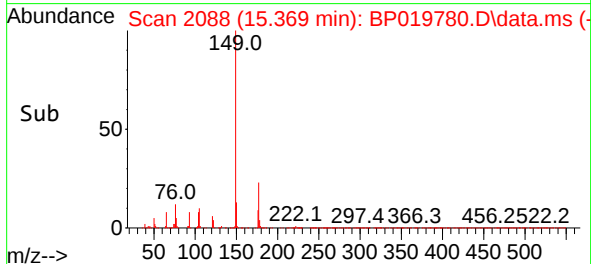
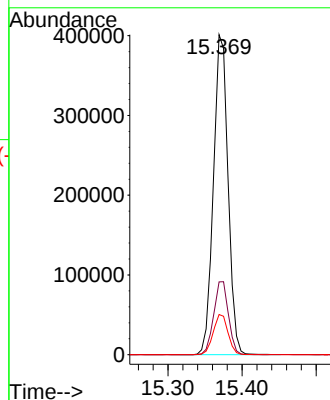
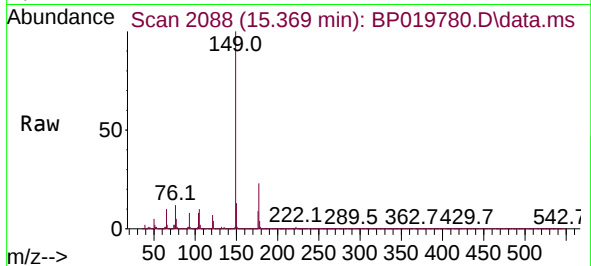




#60
Diethylphthalate
Concen: 44.119 ng
RT: 15.369 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

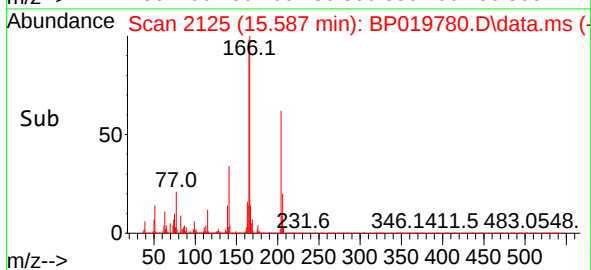
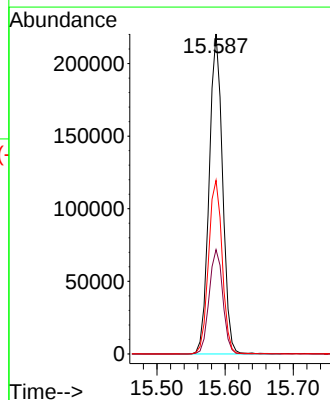
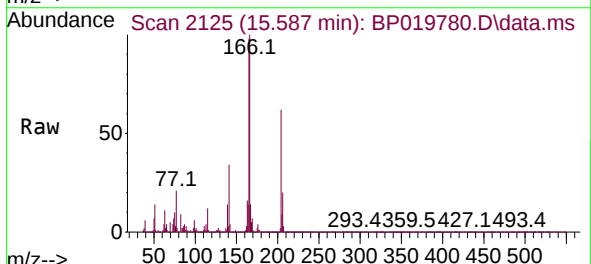
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

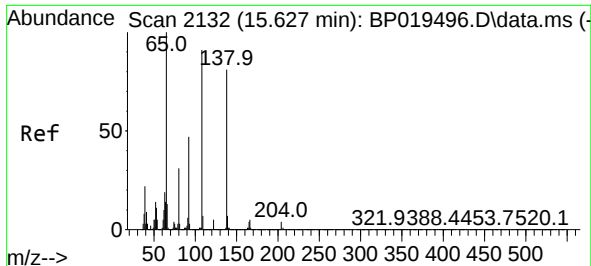
Tgt Ion:149 Resp: 547751
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.5 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 44.482 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:204 Resp: 301684
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 54.3 48.5 72.7

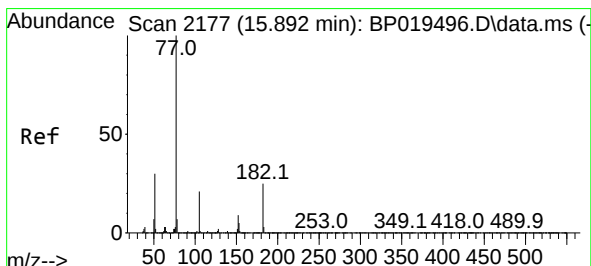
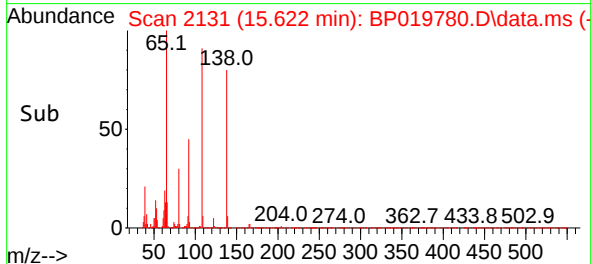
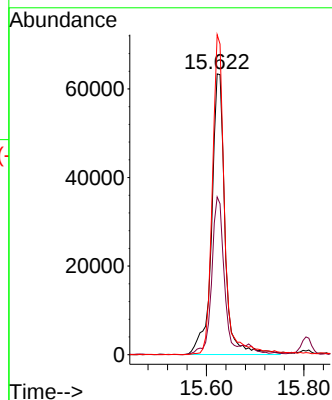
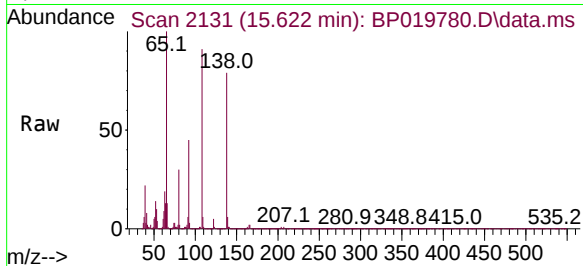




#62
4-Nitroaniline
Concen: 45.531 ng
RT: 15.622 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

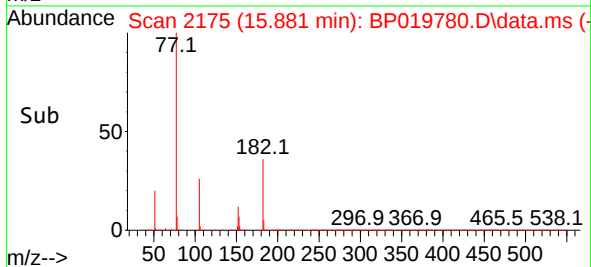
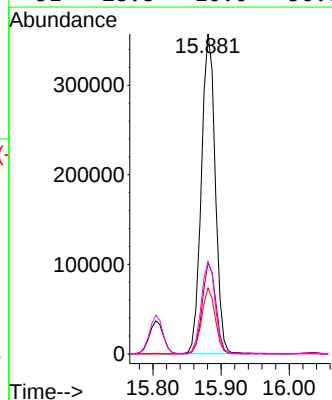
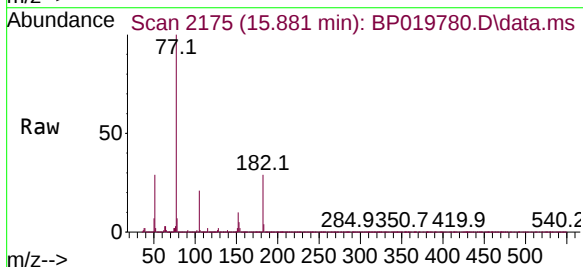
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

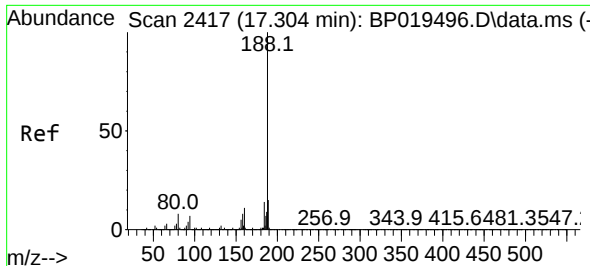
Tgt Ion:138 Resp: 120278
Ion Ratio Lower Upper
138 100
92 56.2 38.3 78.3
108 114.0 91.2 131.2



#63
Azobenzene
Concen: 41.999 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion: 77 Resp: 504226
Ion Ratio Lower Upper
77 100
182 28.6 5.1 45.1
105 20.6 0.8 40.8
51 28.8 10.0 50.0

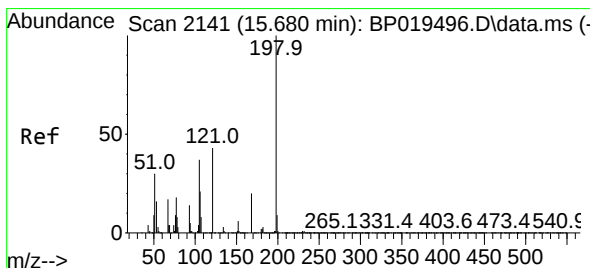
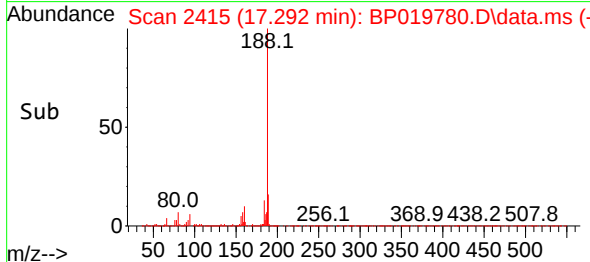
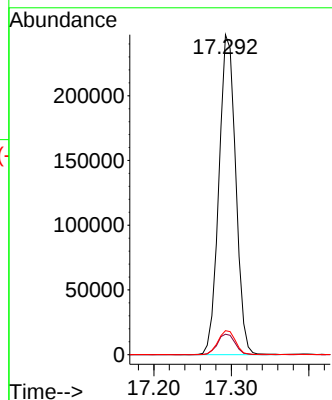
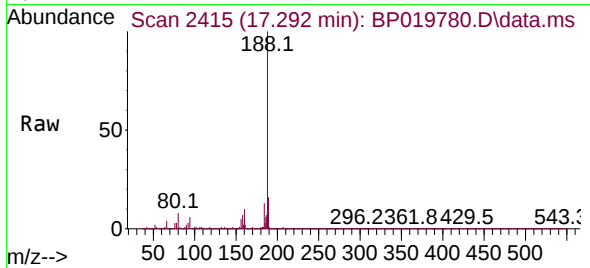




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

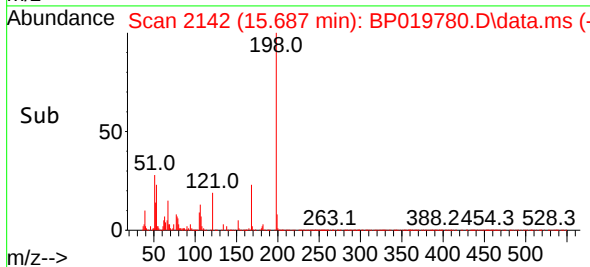
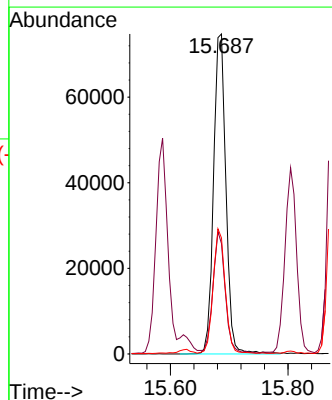
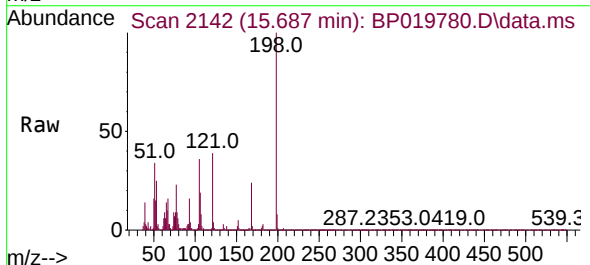
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

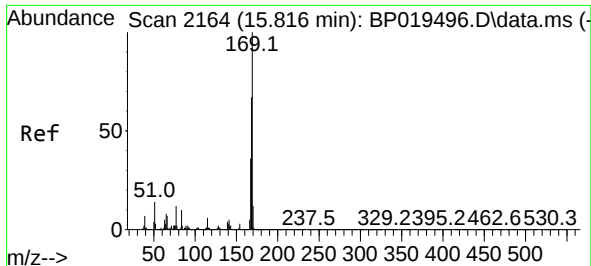
Tgt Ion:188 Resp: 373227
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.2
80 7.5 6.3 9.5



#65
4,6-Dinitro-2-methylphenol
Concen: 51.262 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:198 Resp: 109095
Ion Ratio Lower Upper
198 100
51 34.5 21.2 61.2
105 36.3 19.1 59.1

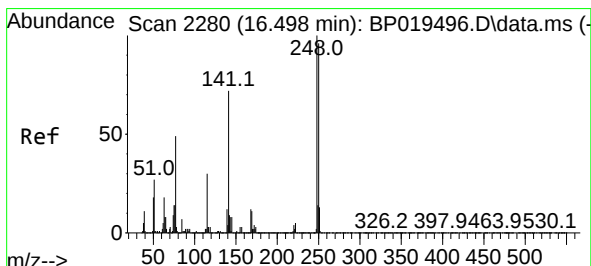
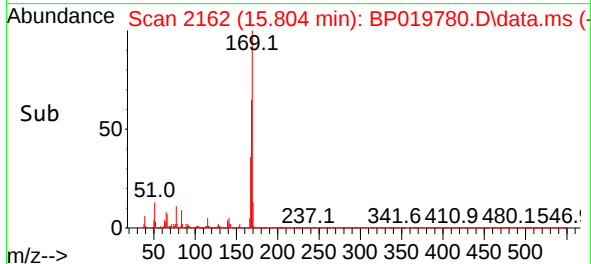
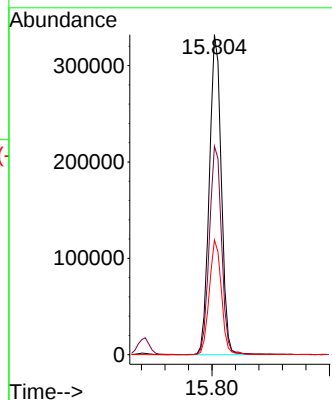
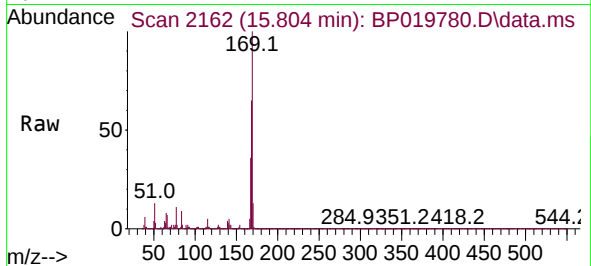




#66
 n-Nitrosodiphenylamine
 Concen: 42.088 ng
 RT: 15.804 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: BP019780.D
 Acq: 20 Feb 2024 11:52

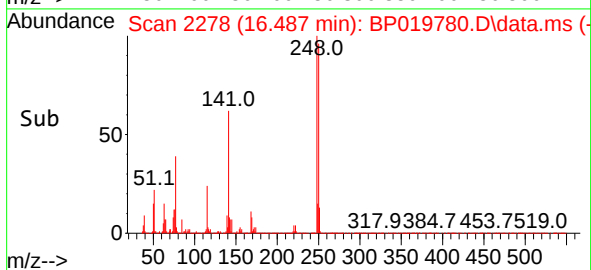
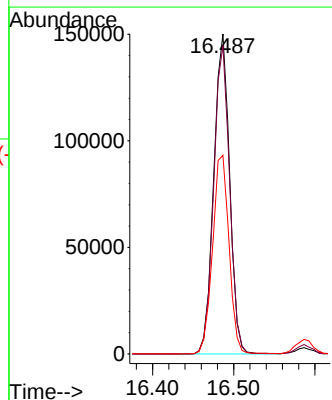
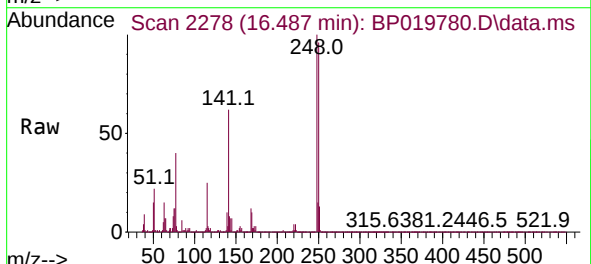
Instrument :
 BNA_P
 ClientSampleId :
 PB159054BSD

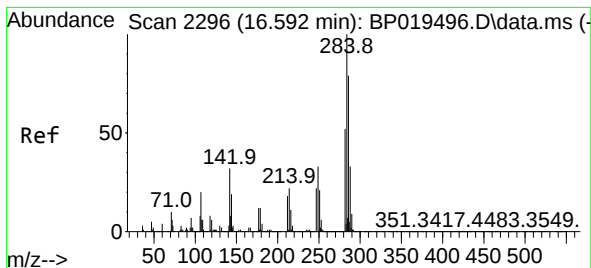
Tgt Ion:169 Resp: 470452
 Ion Ratio Lower Upper
 169 100
 168 65.2 53.4 80.2
 167 35.8 28.9 43.3



#67
 4-Bromophenyl-phenylether
 Concen: 43.673 ng
 RT: 16.487 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BP019780.D
 Acq: 20 Feb 2024 11:52

Tgt Ion:248 Resp: 203767
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.9 115.3
 141 62.1 58.0 87.0





#68

Hexachlorobenzene

Concen: 43.408 ng

RT: 16.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

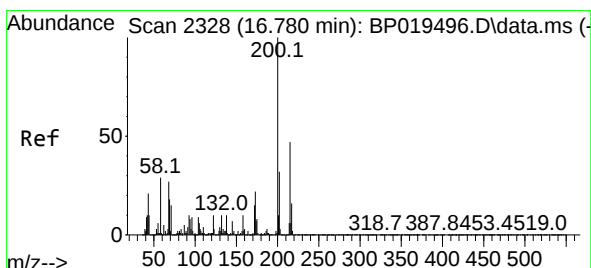
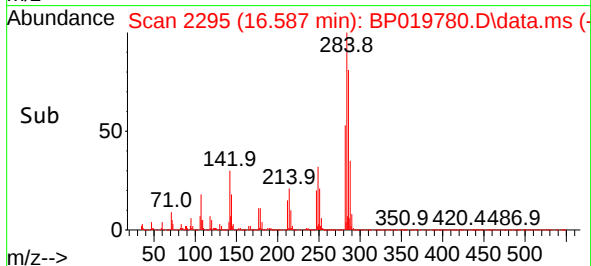
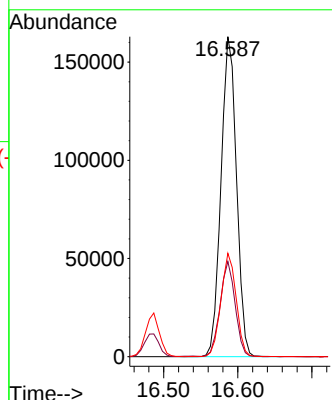
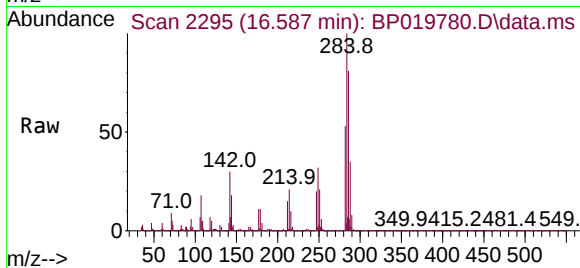
Tgt Ion:284 Resp: 236511

Ion Ratio Lower Upper

284 100

142 29.8 25.4 38.2

249 32.3 26.5 39.7



#69

Atrazine

Concen: 48.807 ng

RT: 16.769 min Scan# 2326

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

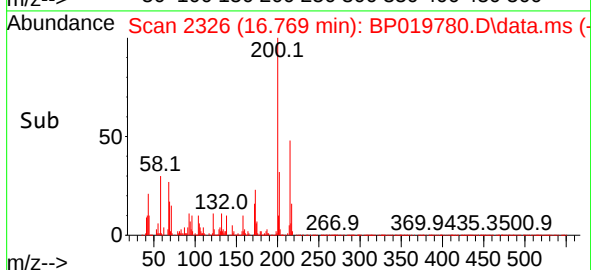
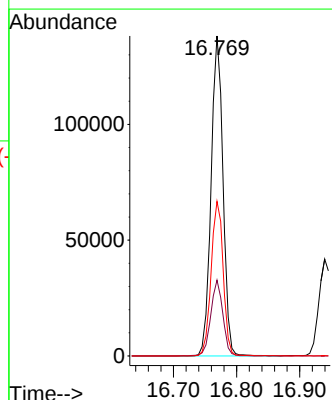
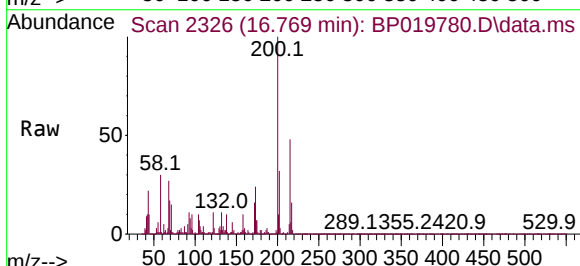
Tgt Ion:200 Resp: 181034

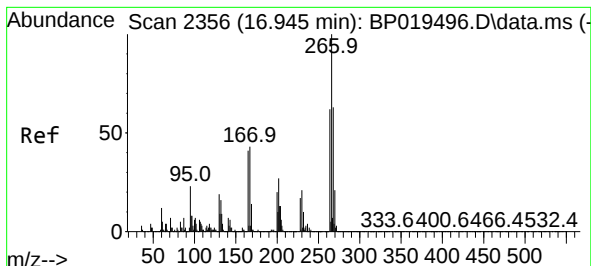
Ion Ratio Lower Upper

200 100

173 23.7 1.7 41.7

215 48.3 26.9 66.9





#70

Pentachlorophenol

Concen: 97.300 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

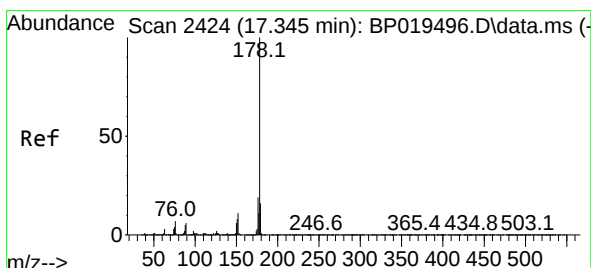
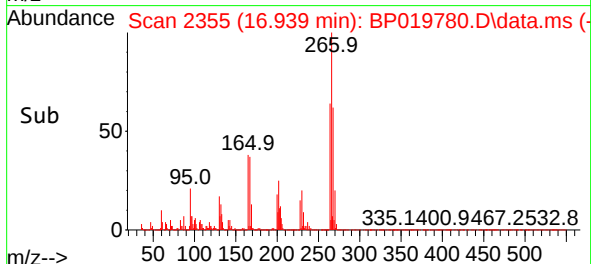
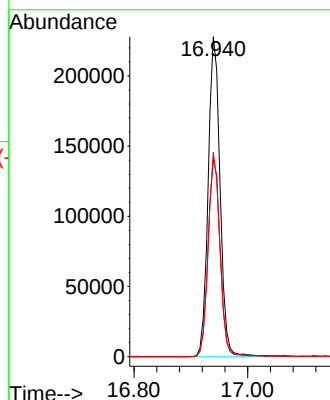
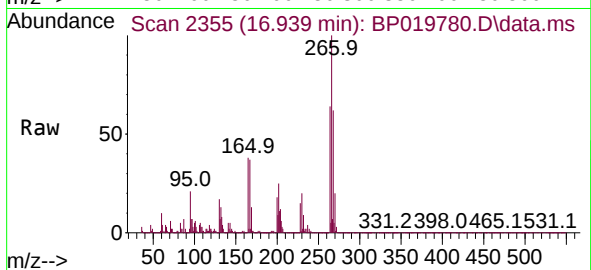
Tgt Ion:266 Resp: 330148

Ion Ratio Lower Upper

266 100

268 61.7 50.3 75.5

264 63.9 49.7 74.5



#71

Phenanthrene

Concen: 44.064 ng

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

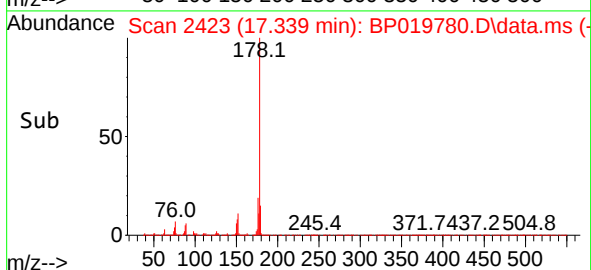
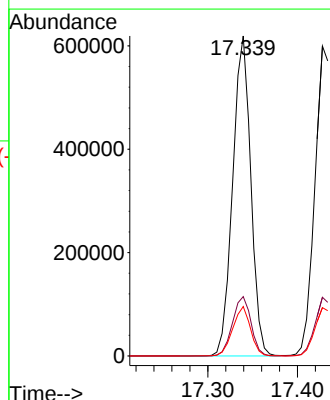
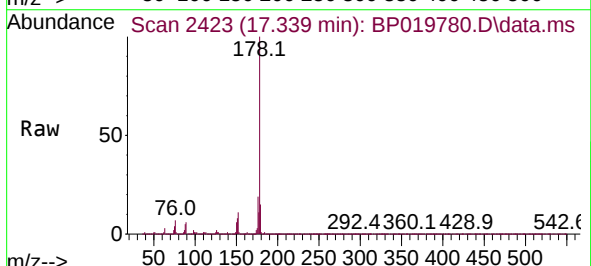
Tgt Ion:178 Resp: 865484

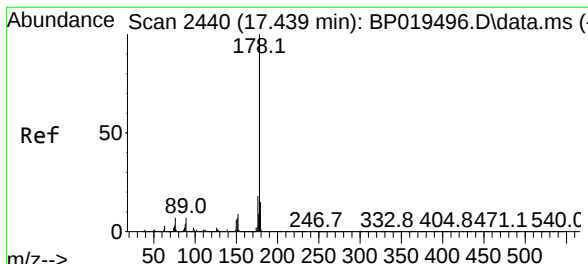
Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

179 15.5 12.6 19.0

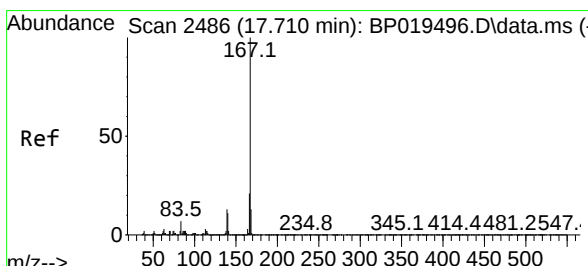
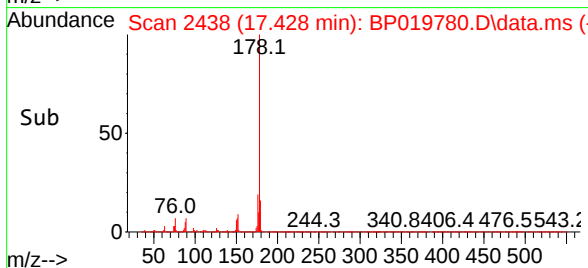
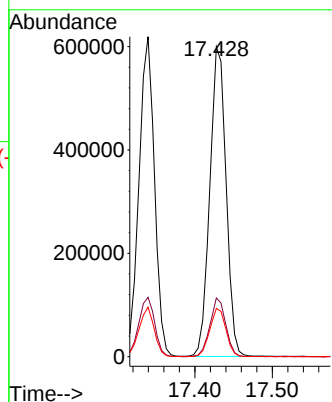
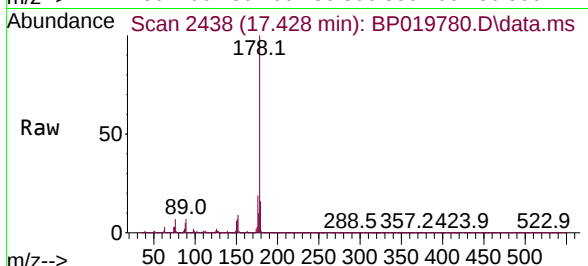




#72
 Anthracene
 Concen: 44.674 ng
 RT: 17.428 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BP019780.D
 Acq: 20 Feb 2024 11:52

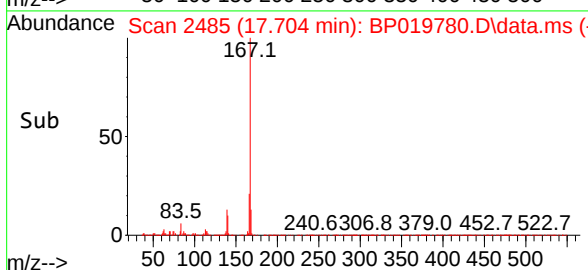
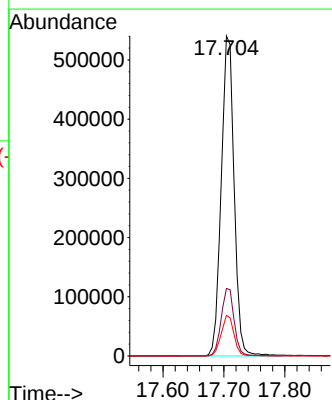
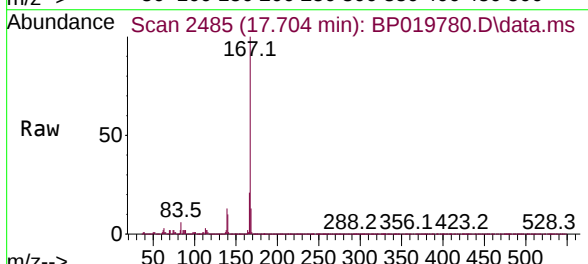
Instrument :
 BNA_P
 ClientSampleId :
 PB159054BSD

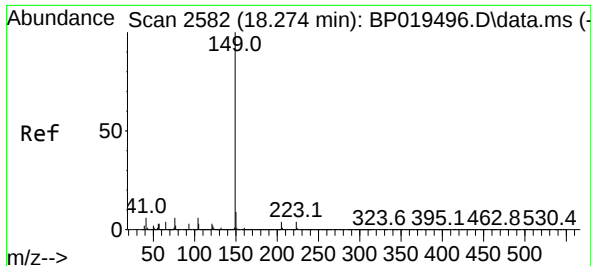
Tgt Ion:	178	Resp:	875328
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.7	22.1
179	15.6	12.2	18.2



#73
 Carbazole
 Concen: 44.620 ng
 RT: 17.704 min Scan# 2485
 Delta R.T. -0.006 min
 Lab File: BP019780.D
 Acq: 20 Feb 2024 11:52

Tgt Ion:	167	Resp:	794231
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.2	25.8
139	12.7	10.6	15.8

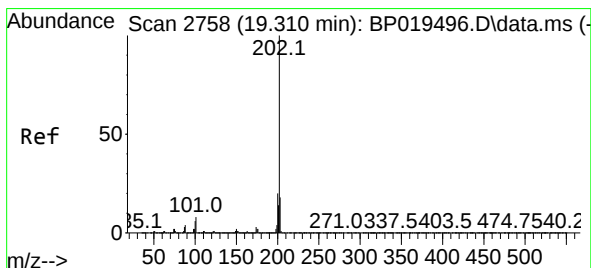
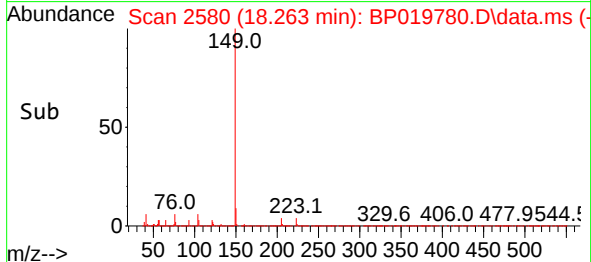
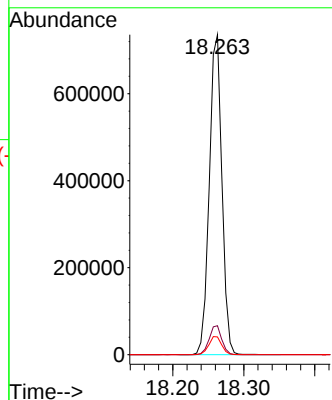
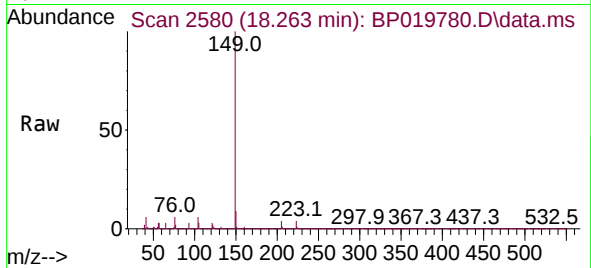




#74
Di-n-butylphthalate
Concen: 42.144 ng
RT: 18.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

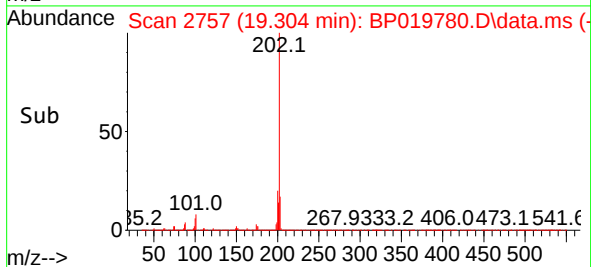
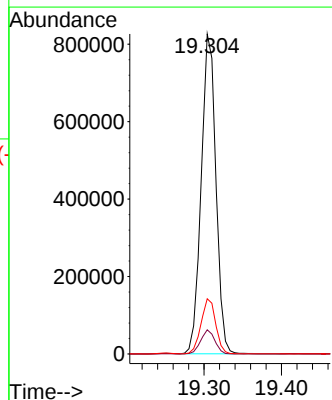
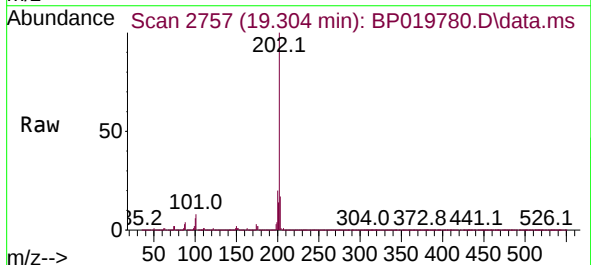
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

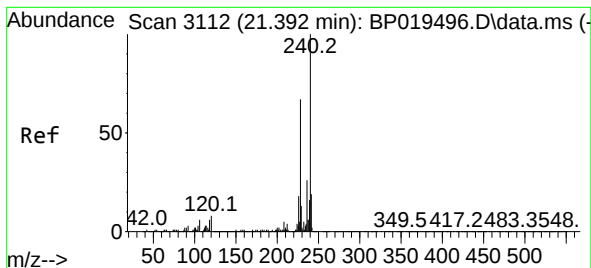
Tgt Ion:149 Resp: 907044
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.6 4.8 7.2



#75
Fluoranthene
Concen: 45.373 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:202 Resp: 1088697
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.7
203 17.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

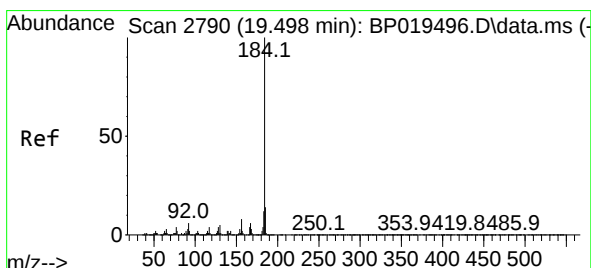
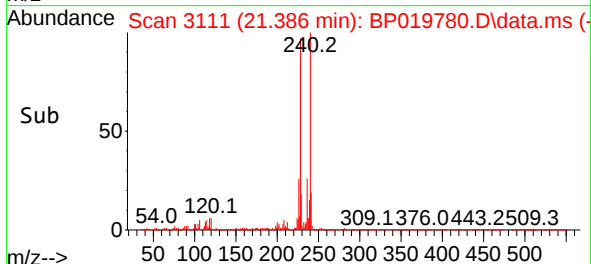
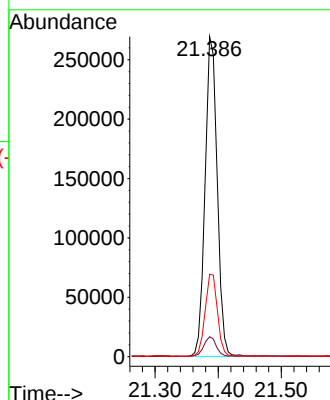
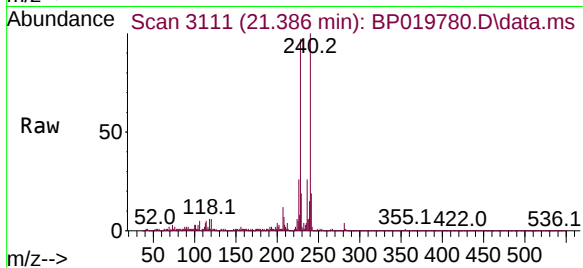
Tgt Ion:240 Resp: 361121

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 25.7 20.7 31.1



#77

Benzidine

Concen: 41.338 ng

RT: 19.492 min Scan# 2789

Delta R.T. -0.006 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

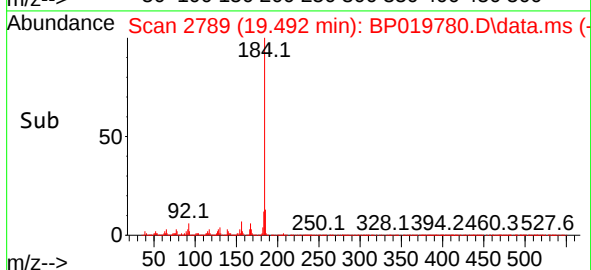
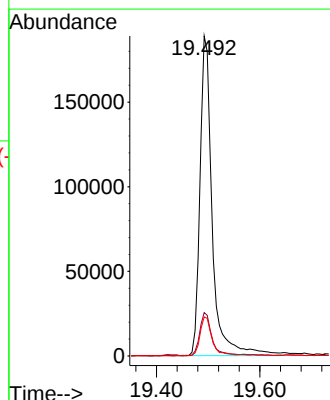
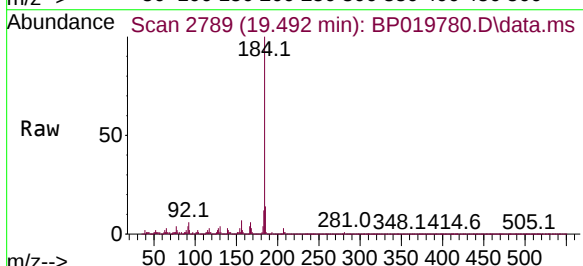
Tgt Ion:184 Resp: 312097

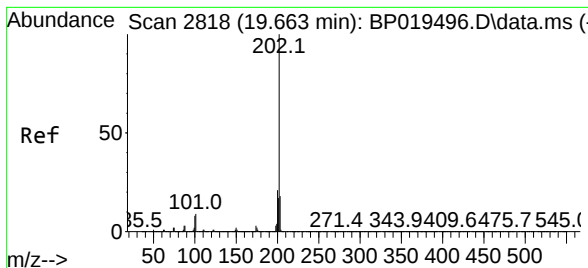
Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

183 12.2 9.7 14.5





#78

Pyrene

Concen: 44.203 ng

RT: 19.657 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

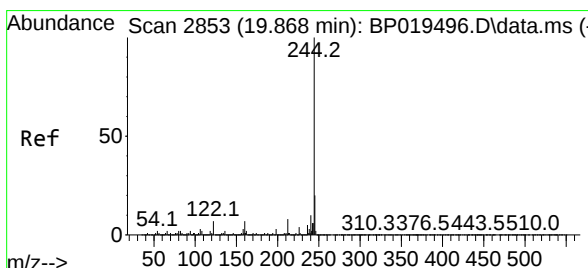
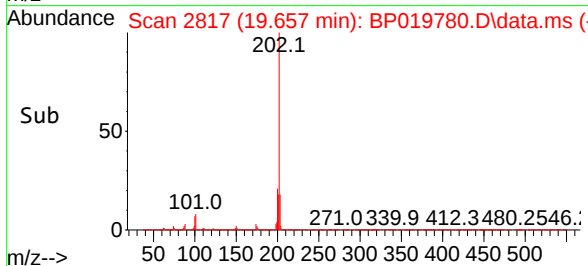
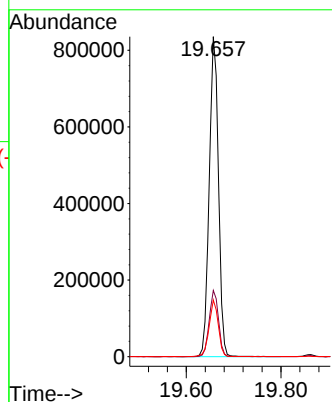
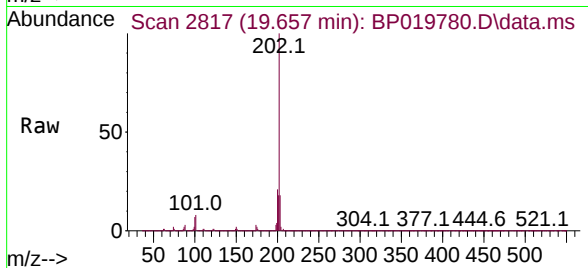
Tgt Ion:202 Resp: 1126582

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.7 14.2 21.2



#79

Terphenyl-d14

Concen: 87.225 ng

RT: 19.863 min Scan# 2852

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

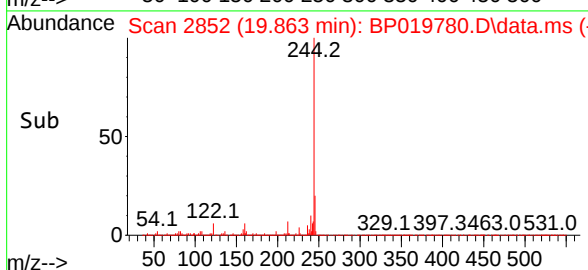
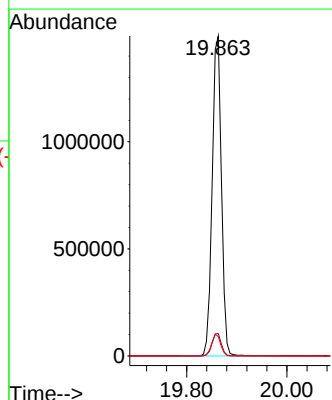
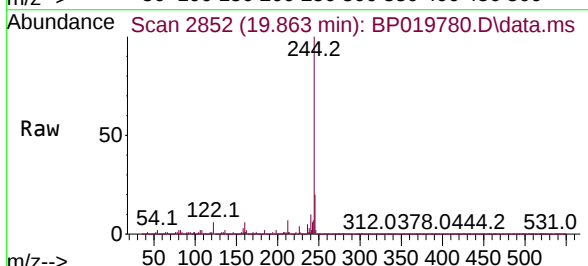
Tgt Ion:244 Resp: 1915359

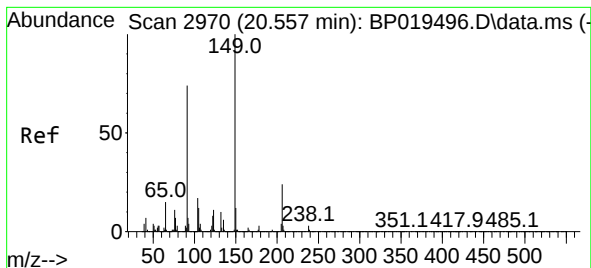
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.1 5.9 8.9





#80

Butylbenzylphthalate

Concen: 42.050 ng

RT: 20.545 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

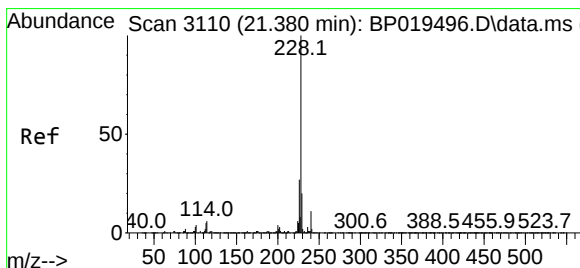
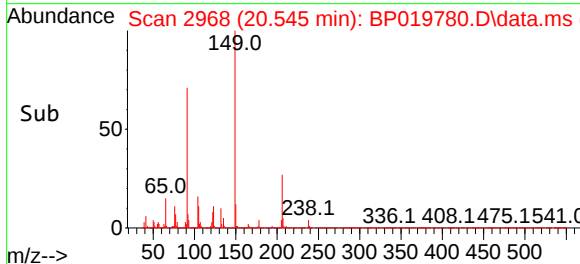
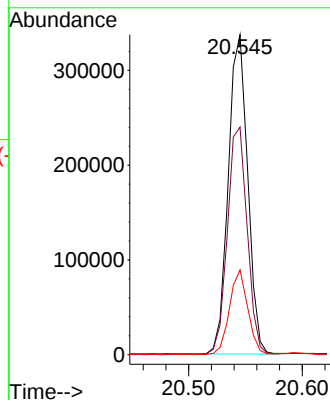
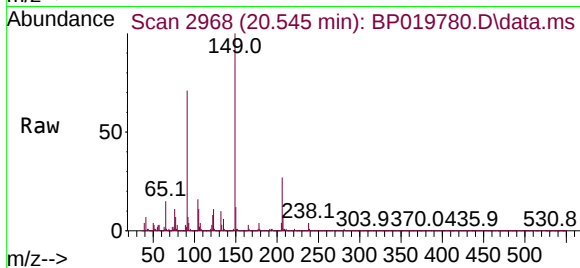
Tgt Ion:149 Resp: 400224

Ion Ratio Lower Upper

149 100

91 71.1 59.4 89.0

206 26.5 19.0 28.6



#81

Benzo(a)anthracene

Concen: 44.071 ng

RT: 21.375 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

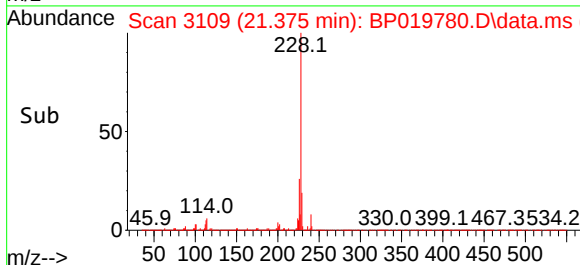
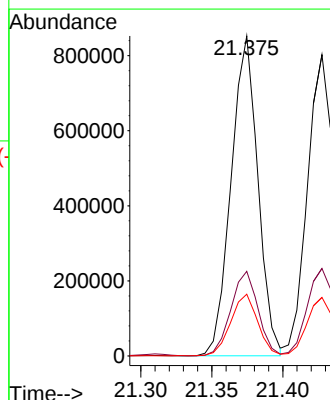
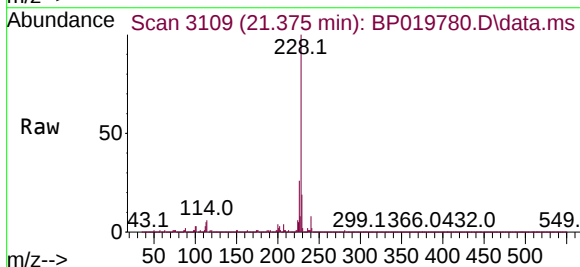
Tgt Ion:228 Resp: 1120297

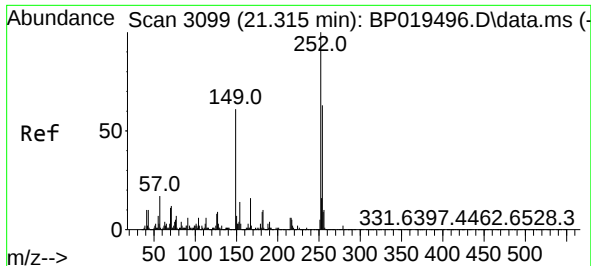
Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

229 19.3 15.6 23.4

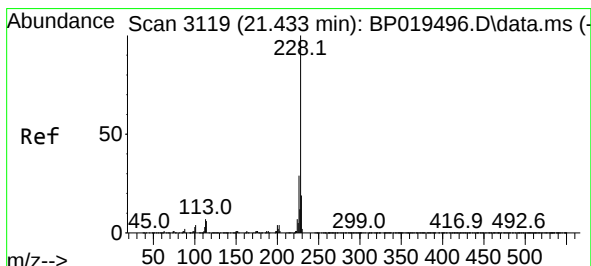
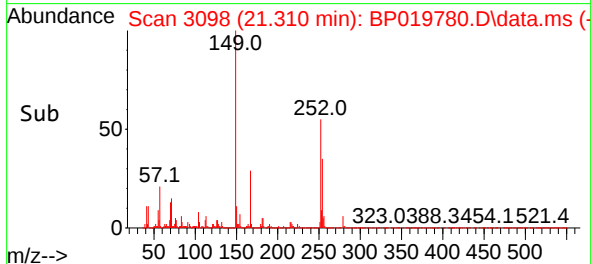
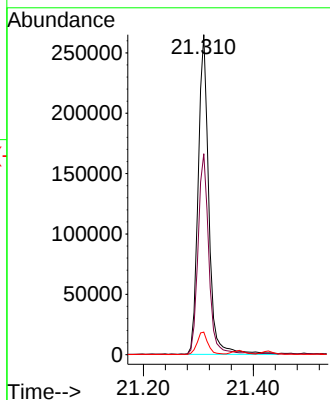
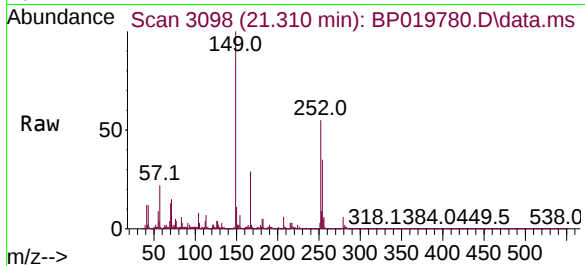




#82
3,3'-Dichlorobenzidine
Concen: 38.476 ng
RT: 21.310 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

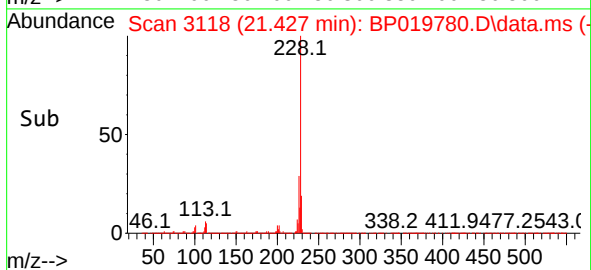
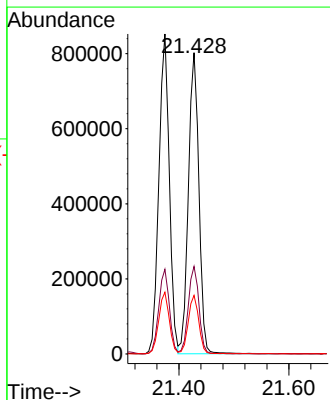
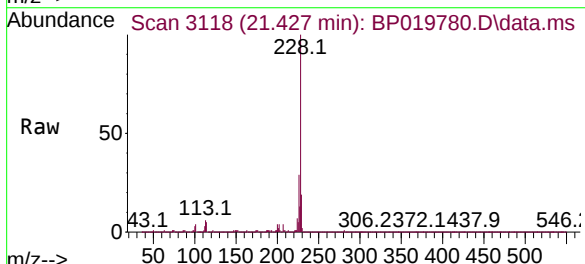
Instrument :
BNA_P
ClientSampleId :
PB159054BSD

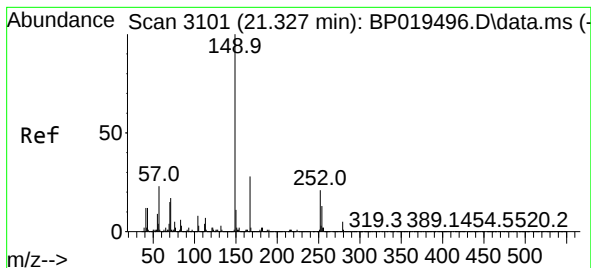
Tgt Ion:252 Resp: 356410
Ion Ratio Lower Upper
252 100
254 62.8 50.7 76.1
126 7.1 6.4 9.6



#83
Chrysene
Concen: 43.973 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP019780.D
Acq: 20 Feb 2024 11:52

Tgt Ion:228 Resp: 1061249
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 19.4 15.6 23.4

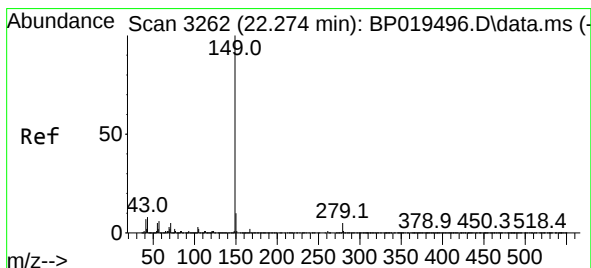
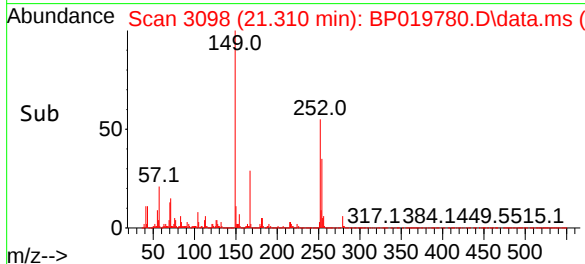
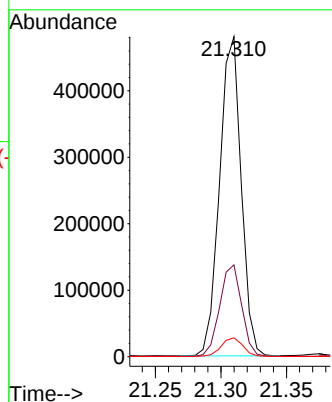
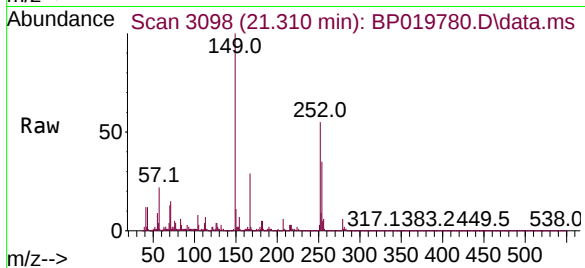




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.889 ng
 RT: 21.310 min Scan# 3098
 Delta R.T. 0.000 min
 Lab File: BP019780.D
 Acq: 20 Feb 2024 11:52

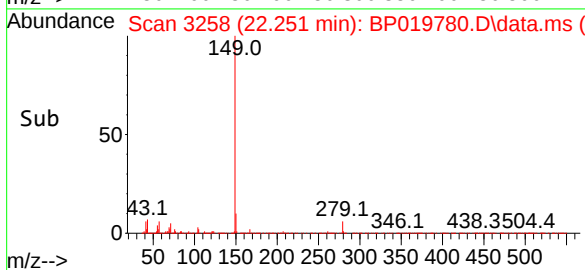
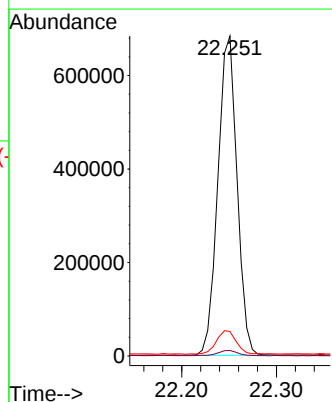
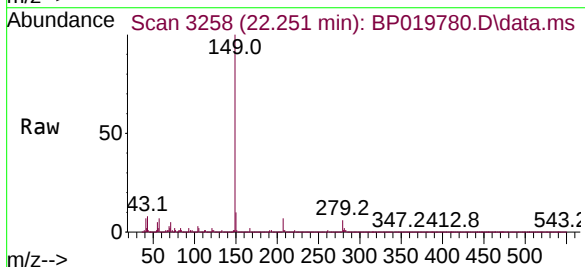
Instrument :
 BNA_P
 ClientSampleId :
 PB159054BSD

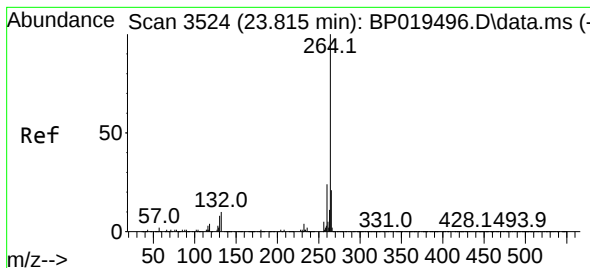
Tgt Ion:149 Resp: 549135
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.7 34.1
 279 5.9 4.2 6.2



#85
 Di-n-octyl phthalate
 Concen: 37.722 ng
 RT: 22.251 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: BP019780.D
 Acq: 20 Feb 2024 11:52

Tgt Ion:149 Resp: 961900
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 7.8 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

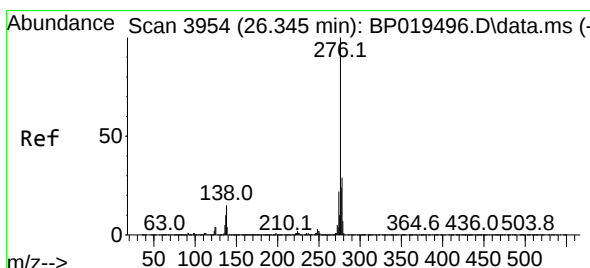
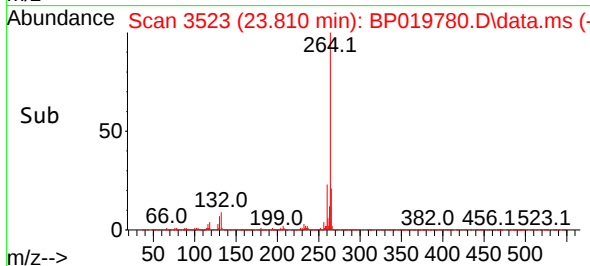
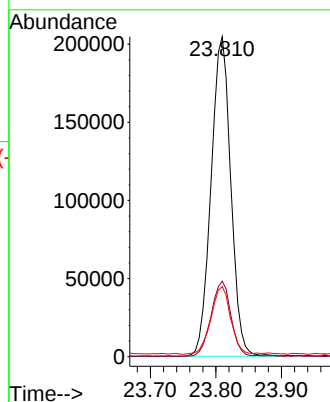
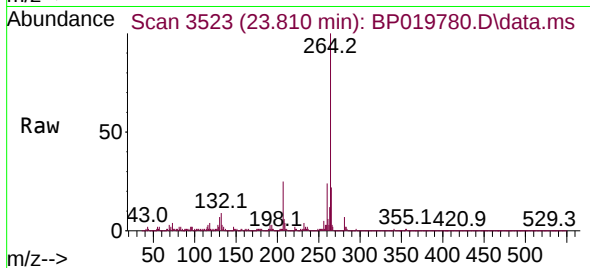
Tgt Ion:264 Resp: 426601

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.885 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

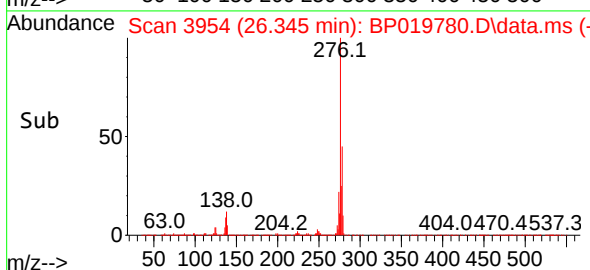
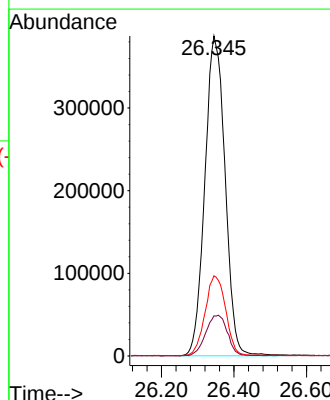
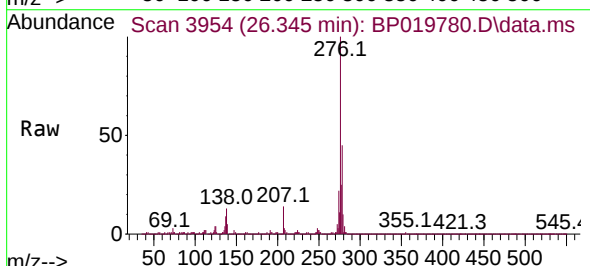
Tgt Ion:276 Resp: 1498353

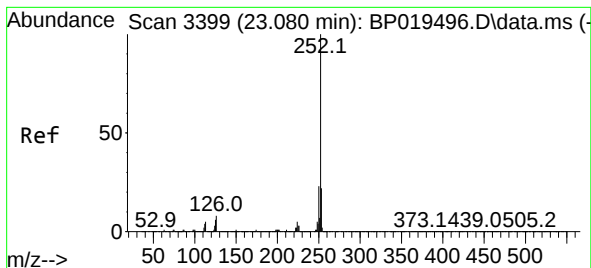
Ion Ratio Lower Upper

276 100

138 13.6 13.1 19.7

277 25.3 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 44.792 ng

RT: 23.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

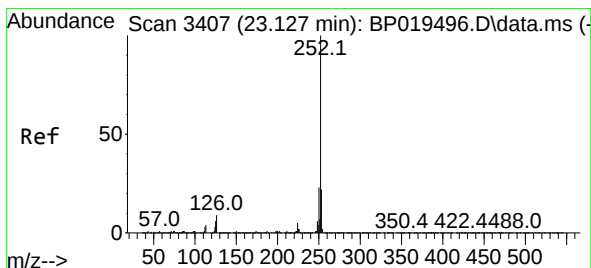
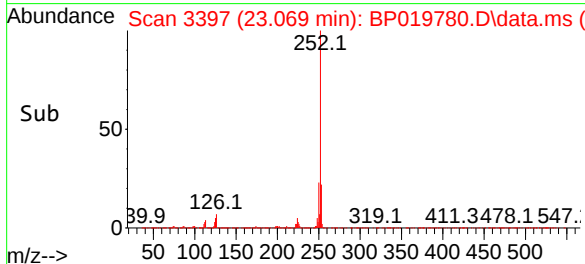
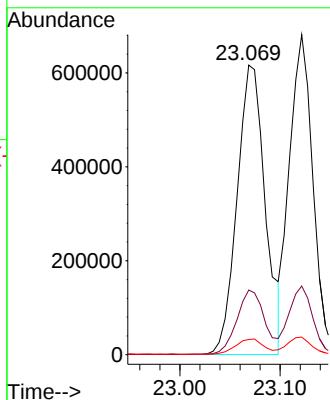
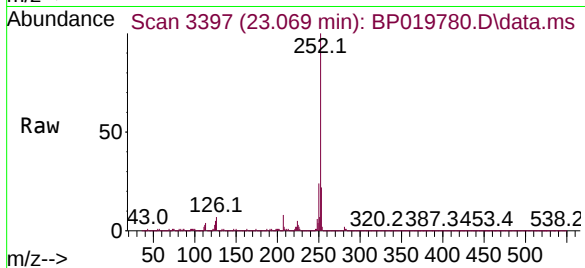
Tgt Ion:252 Resp: 1204313

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 5.3 4.9 7.3



#89

Benzo(k)fluoranthene

Concen: 43.087 ng

RT: 23.122 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

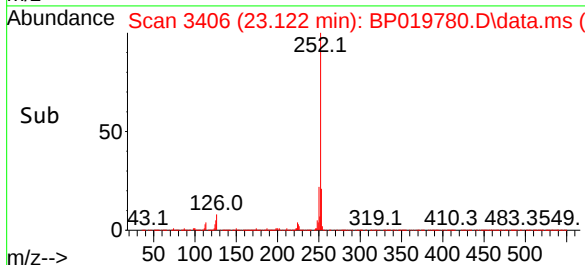
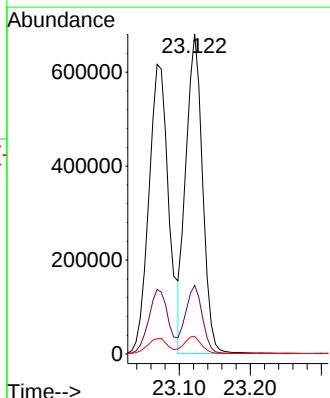
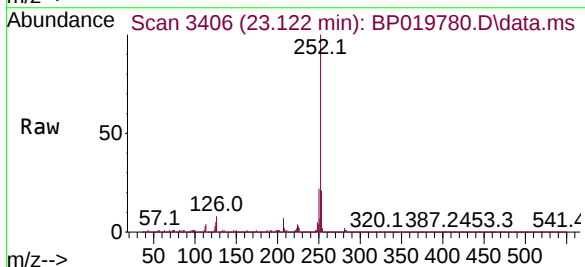
Tgt Ion:252 Resp: 1106605

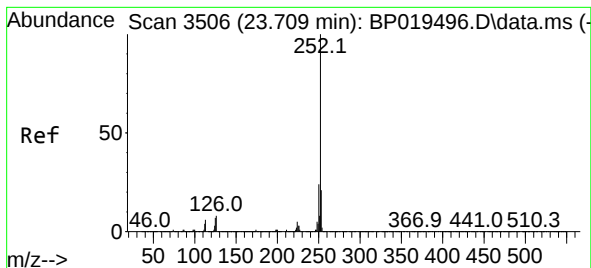
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 5.5 5.0 7.6





#90

Benzo(a)pyrene

Concen: 45.348 ng

RT: 23.704 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

Instrument :

BNA_P

ClientSampleId :

PB159054BSD

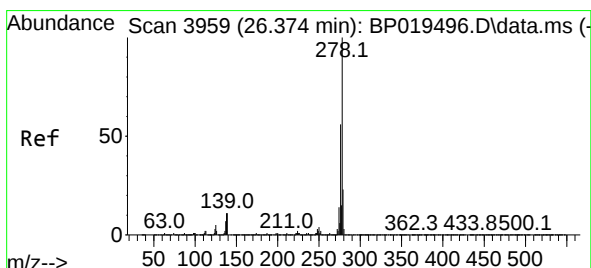
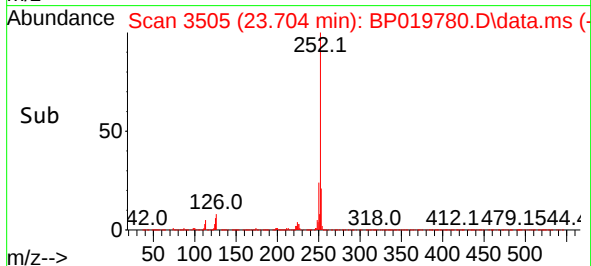
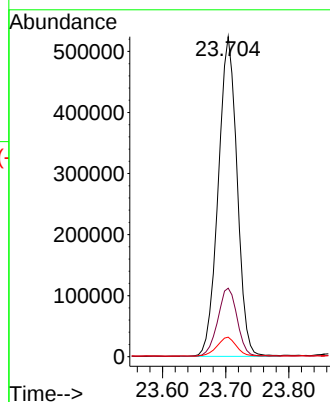
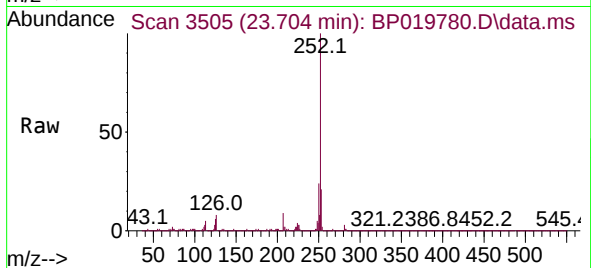
Tgt Ion:252 Resp: 1084852

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 6.1 5.6 8.4



#91

Dibenzo(a,h)anthracene

Concen: 45.917 ng

RT: 26.374 min Scan# 3959

Delta R.T. 0.006 min

Lab File: BP019780.D

Acq: 20 Feb 2024 11:52

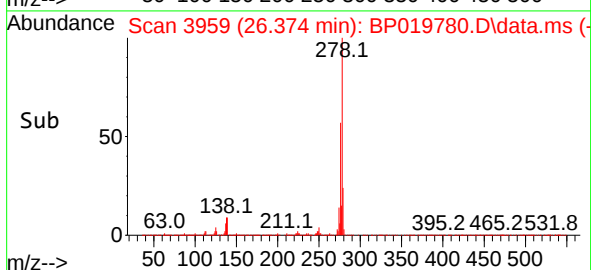
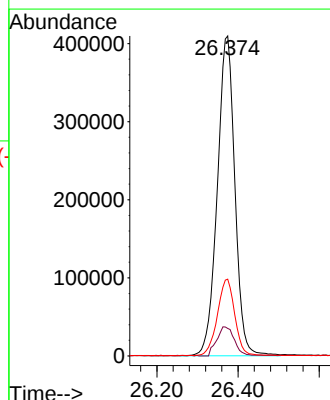
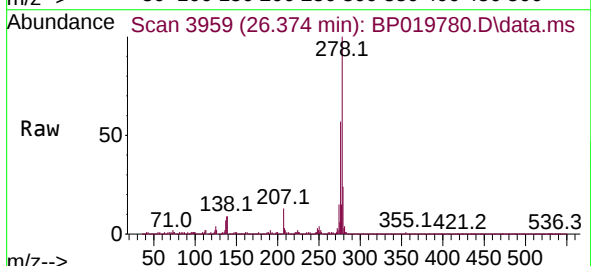
Tgt Ion:278 Resp: 1233188

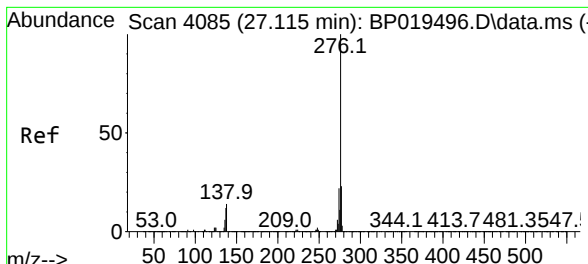
Ion Ratio Lower Upper

278 100

139 8.6 8.6 12.8

279 24.0 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 43.753 ng
 RT: 27.121 min Scan# 4086
 Delta R.T. 0.000 min
 Lab File: BP019780.D
 Acq: 20 Feb 2024 11:52

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BSD

Tgt Ion:276 Resp: 1192135

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	11.1	10.9	16.3

