

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019779.D
 Acq On : 20 Feb 2024 11:18
 Operator : MA/JU
 Sample : PB159054BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BS

Quant Time: Feb 20 12:31:59 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	73226	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	265593	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	171474	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	382638	20.000	ng	0.00
76) Chrysene-d12	21.386	240	371408	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	447089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	583045	128.346	ng	0.00
7) Phenol-d6	7.075	99	733051	119.676	ng	0.00
23) Nitrobenzene-d5	9.075	82	499219	81.447	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	395782	158.082	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1140686	82.237	ng	0.00
79) Terphenyl-d14	19.857	244	2018827	89.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	60589	34.618	ng	99
3) Pyridine	3.781	79	156394	32.959	ng	98
4) n-Nitrosodimethylamine	3.699	42	84954	41.122	ng	95
6) Aniline	7.234	93	144255	24.237	ng	99
8) 2-Chlorophenol	7.463	128	211441	45.335	ng	99
10) Phenol	7.105	94	263029	43.084	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	201428	42.409	ng	98
12) 1,3-Dichlorobenzene	7.787	146	242921	42.566	ng	97
13) 1,4-Dichlorobenzene	7.934	146	247174	42.750	ng	100
14) 1,2-Dichlorobenzene	8.246	146	237996	42.543	ng	98
15) Benzyl Alcohol	8.152	79	210945	43.101	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	196329	41.336	ng	99
17) 2-Methylphenol	8.352	107	172945	42.078	ng	99
18) Hexachloroethane	8.969	117	94687	42.250	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	165253	39.498	ng	98
20) 3+4-Methylphenols	8.681	107	232038	41.367	ng	97
22) Acetophenone	8.734	105	323012	42.691	ng	# 98
24) Nitrobenzene	9.116	77	250712	40.625	ng	98
25) Isophorone	9.640	82	446210	41.801	ng	99
26) 2-Nitrophenol	9.822	139	114353	48.597	ng	94
27) 2,4-Dimethylphenol	9.881	122	152171	50.574	ng	96
28) bis(2-Chloroethoxy)met...	10.128	93	255971	42.382	ng	98
29) 2,4-Dichlorophenol	10.357	162	210141	46.201	ng	96
30) 1,2,4-Trichlorobenzene	10.563	180	249710	44.776	ng	98
31) Naphthalene	10.752	128	621493	42.666	ng	99
32) Benzoic acid	10.046	122	140927	48.072	ng	98
33) 4-Chloroaniline	10.875	127	65601	12.178	ng	99
34) Hexachlorobutadiene	11.022	225	183792	44.473	ng	99
35) Caprolactam	11.687	113	62374	48.441	ng	95
36) 4-Chloro-3-methylphenol	11.999	107	222359	44.835	ng	96
37) 2-Methylnaphthalene	12.363	142	433309	42.984	ng	98
38) 1-Methylnaphthalene	12.581	142	409168	41.303	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	301474	45.587	ng	99
41) Hexachlorocyclopentadiene	12.693	237	359776	120.428	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	186607	46.600	ng	99
44) 2,4,5-Trichlorophenol	13.051	196	202484	46.049	ng	99

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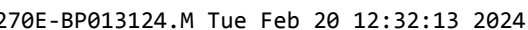
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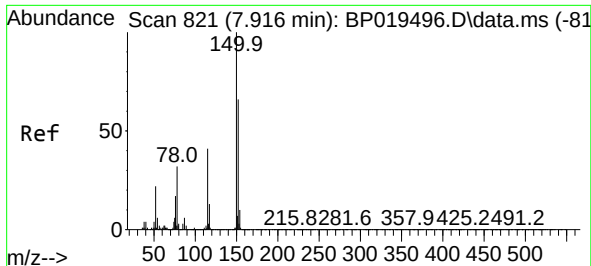
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.375	154	582006	42.526	ng	99
47) 2-Chloronaphthalene	13.416	162	462266	41.147	ng	99
48) 2-Nitroaniline	13.634	65	140780	44.814	ng	97
49) Acenaphthylene	14.263	152	731950	46.439	ng	100
50) Dimethylphthalate	14.010	163	588078	44.800	ng	99
51) 2,6-Dinitrotoluene	14.134	165	129051	44.746	ng	94
52) Acenaphthene	14.604	154	413217	42.240	ng	99
53) 3-Nitroaniline	14.463	138	81319	30.681	ng	96
54) 2,4-Dinitrophenol	14.675	184	159039	106.208	ng	97
55) Dibenzofuran	14.940	168	700169	43.945	ng	99
56) 4-Nitrophenol	14.775	139	211638	97.421	ng	96
57) 2,4-Dinitrotoluene	14.922	165	184085	48.708	ng	98
58) Fluorene	15.592	166	566262	44.622	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	191930	51.893	ng	94
60) Diethylphthalate	15.375	149	577761	44.250	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	322294	45.187	ng	96
62) 4-Nitroaniline	15.622	138	122448	44.075	ng	98
63) Azobenzene	15.881	77	531503	42.096	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	111247	50.988	ng	94
66) n-Nitrosodiphenylamine	15.804	169	491895	42.924	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	214150	44.769	ng	95
68) Hexachlorobenzene	16.587	284	252356	45.177	ng	96
69) Atrazine	16.769	200	193766	50.955	ng	95
70) Pentachlorophenol	16.939	266	349760	100.545	ng	98
71) Phenanthrene	17.339	178	910171	45.199	ng	99
72) Anthracene	17.428	178	917269	45.663	ng	99
73) Carbazole	17.704	167	833082	45.652	ng	100
74) Di-n-butylphthalate	18.263	149	979536	44.393	ng	99
75) Fluoranthene	19.304	202	1141803	46.416	ng	100
77) Benzidine	19.492	184	322104	41.482	ng	99
78) Pyrene	19.657	202	1166025	44.484	ng	99
80) Butylbenzylphthalate	20.545	149	434486	44.386	ng	96
81) Benzo(a)anthracene	21.375	228	1182118	45.215	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	372316	39.080	ng	99
83) Chrysene	21.427	228	1097083	44.199	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	602346	40.410	ng	98
85) Di-n-octyl phthalate	22.251	149	1055127	40.232	ng	100
87) Indeno(1,2,3-cd)pyrene	26.351	276	1620552	47.353	ng	97
88) Benzo(b)fluoranthene	23.074	252	1278063	45.357	ng	99
89) Benzo(k)fluoranthene	23.121	252	1191533	44.268	ng	98
90) Benzo(a)pyrene	23.704	252	1163587	46.410	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	1345631	47.807	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1284411	44.980	ng	98

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

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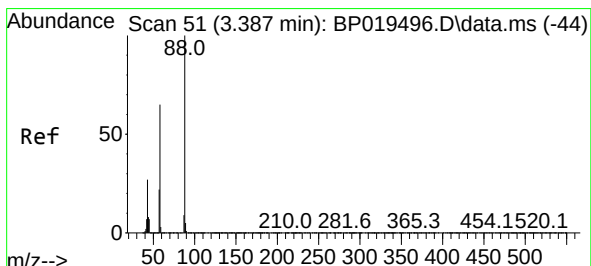
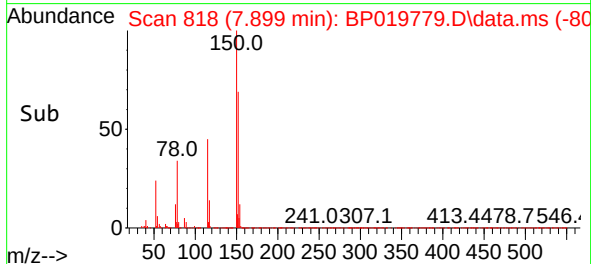
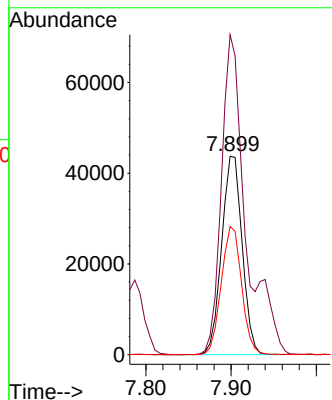
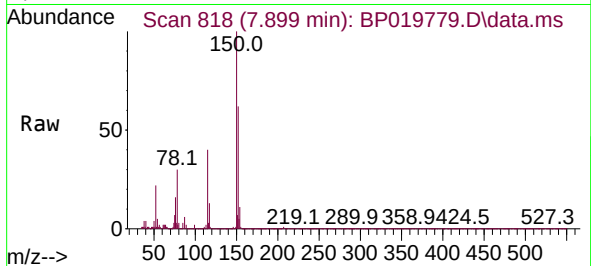




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP019779.D
 Acq: 20 Feb 2024 11:18

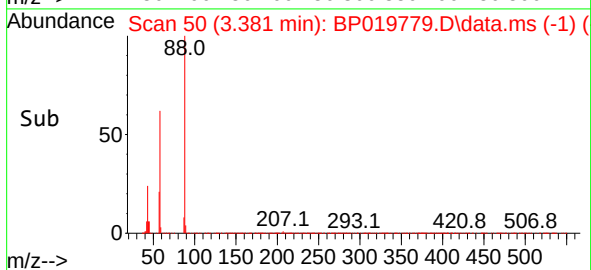
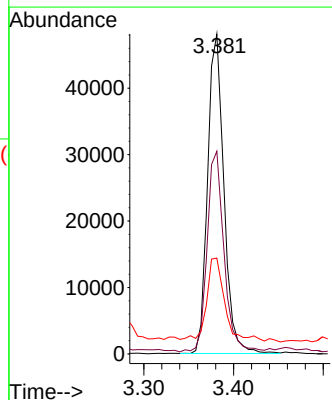
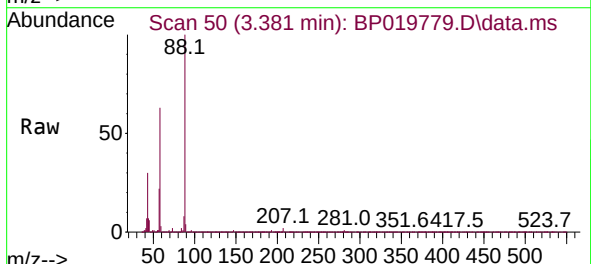
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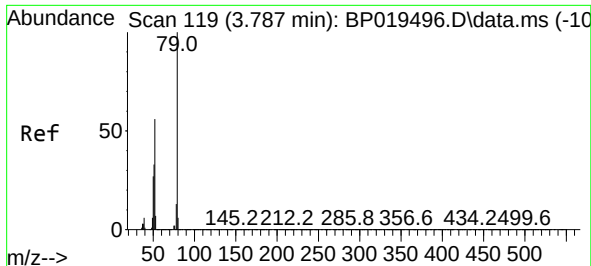
Tgt Ion:152 Resp: 73226
 Ion Ratio Lower Upper
 152 100
 150 161.3 121.8 182.8
 115 64.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 34.618 ng
 RT: 3.381 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BP019779.D
 Acq: 20 Feb 2024 11:18

Tgt Ion: 88 Resp: 60589
 Ion Ratio Lower Upper
 88 100
 58 64.8 52.6 78.8
 43 28.4 21.9 32.9

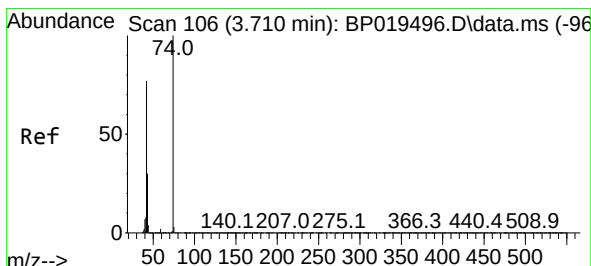
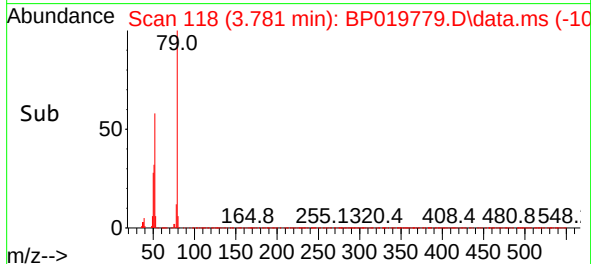
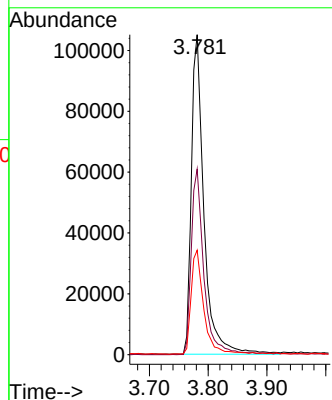
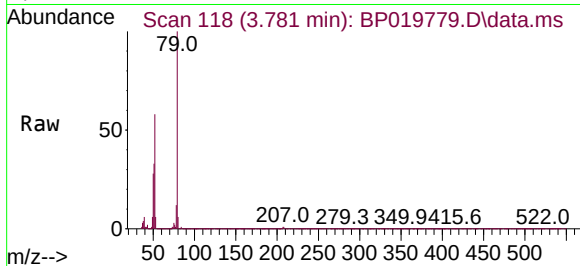




#3
Pyridine
Concen: 32.959 ng
RT: 3.781 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

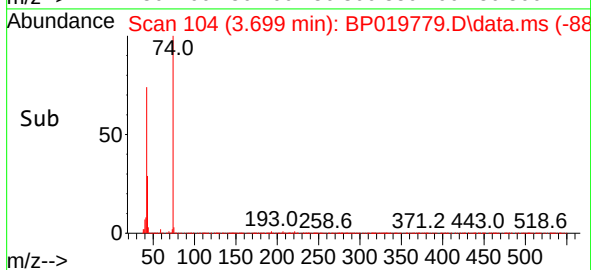
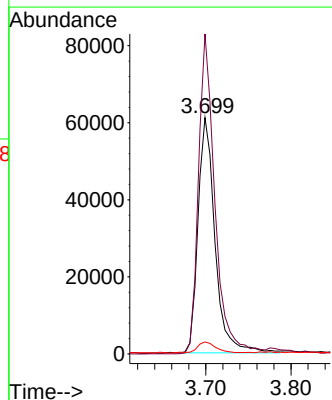
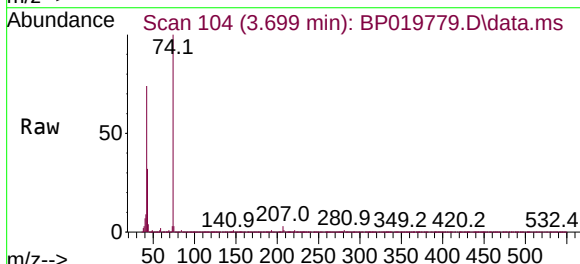
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ClientSampleId :
PB159054BS

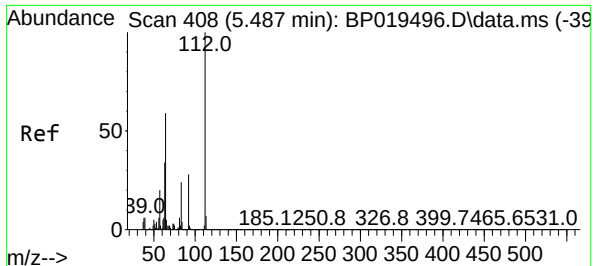
Tgt Ion: 79 Resp: 156394
Ion Ratio Lower Upper
79 100
52 58.0 45.0 67.6
51 32.6 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.122 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 42 Resp: 84954
Ion Ratio Lower Upper
42 100
74 135.4 103.4 155.2
44 5.1 4.8 7.2

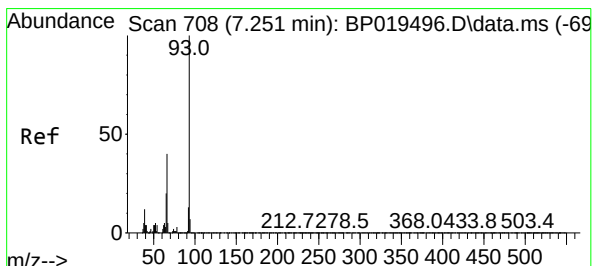
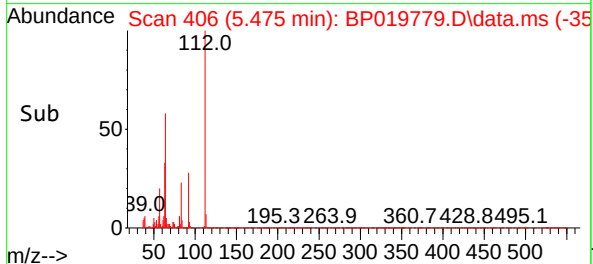
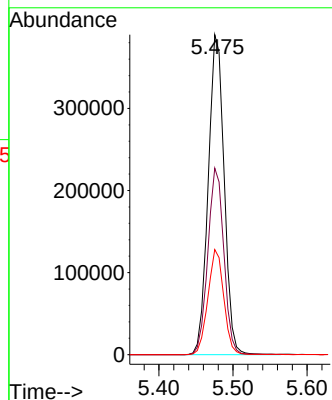
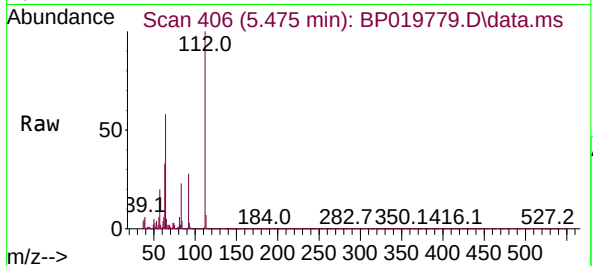




#5
2-Fluorophenol
Concen: 128.346 ng
RT: 5.475 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

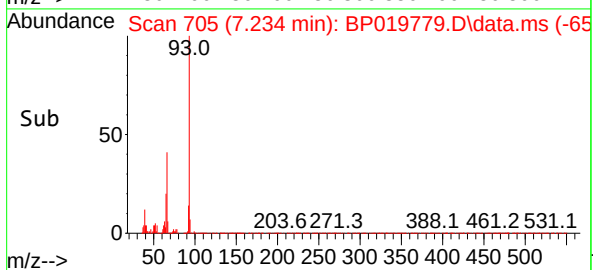
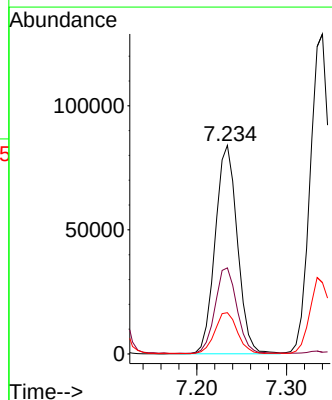
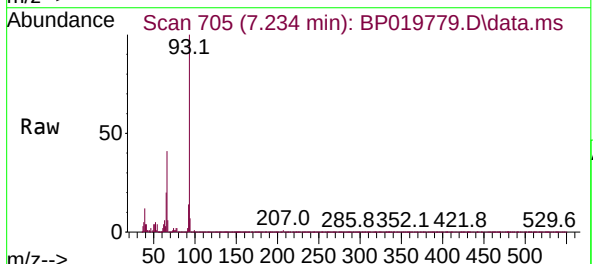
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ClientSampleId :
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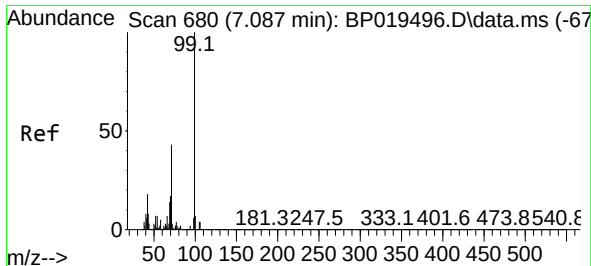
Tgt Ion:112 Resp: 583045
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.0
63 32.9 27.0 40.6



#6
Aniline
Concen: 24.237 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 93 Resp: 144255
Ion Ratio Lower Upper
93 100
66 41.3 32.3 48.5
65 19.8 16.4 24.6

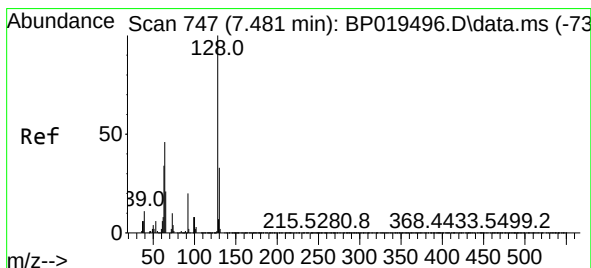
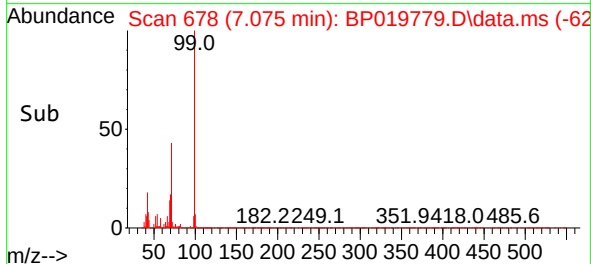
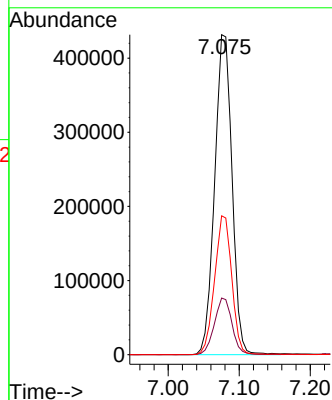
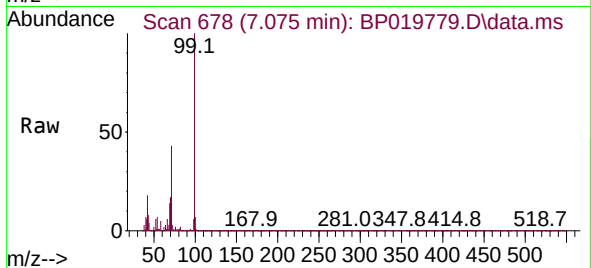




#7
Phenol-d6
Concen: 119.676 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

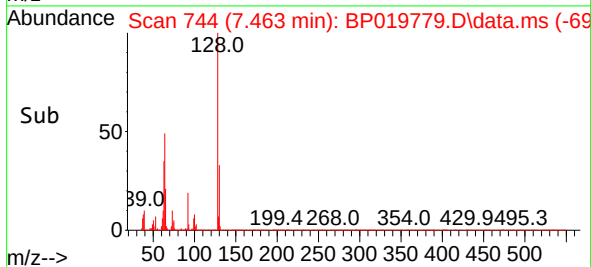
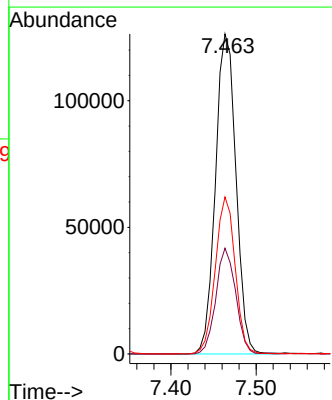
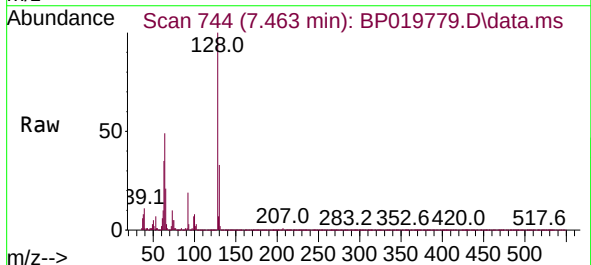
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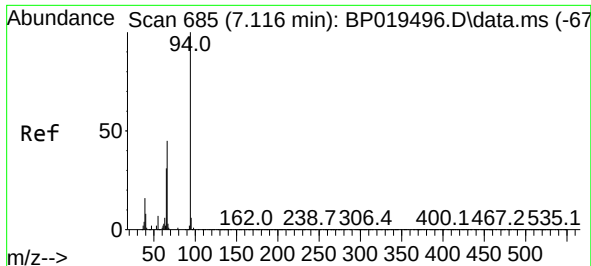
Tgt Ion: 99 Resp: 733051
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 43.4 34.8 52.2



#8
2-Chlorophenol
Concen: 45.335 ng
RT: 7.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 128 Resp: 211441
Ion Ratio Lower Upper
128 100
130 33.1 13.3 53.3
64 49.0 29.7 69.7

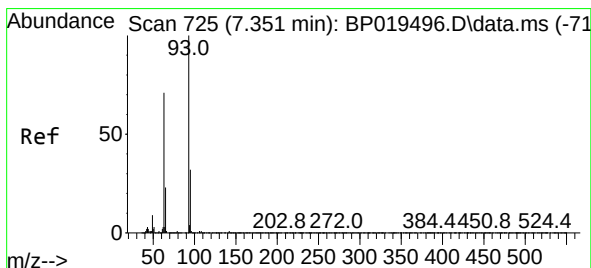
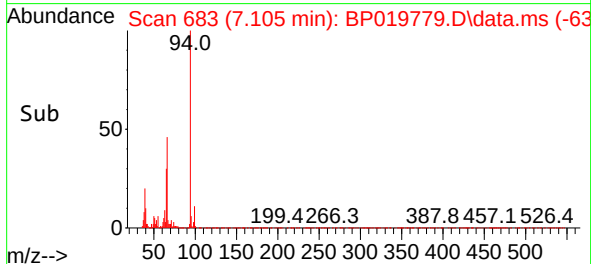
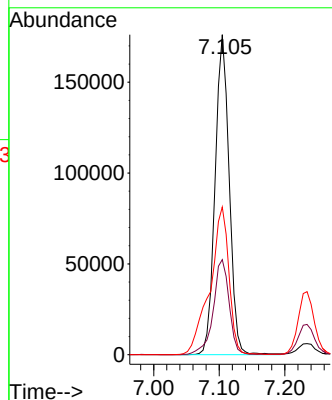
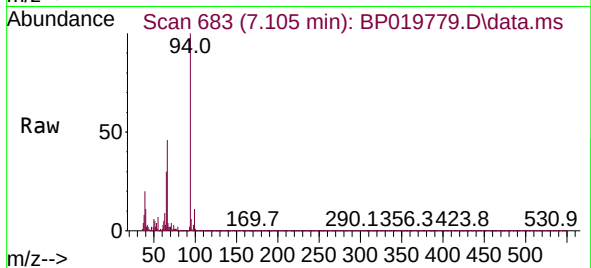




#10
Phenol
Concen: 43.084 ng
RT: 7.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

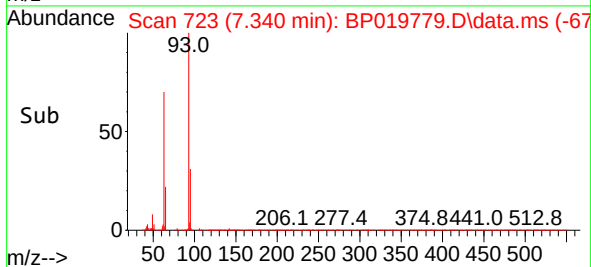
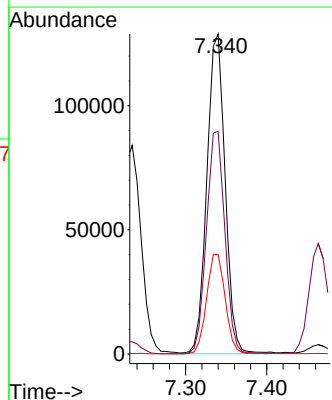
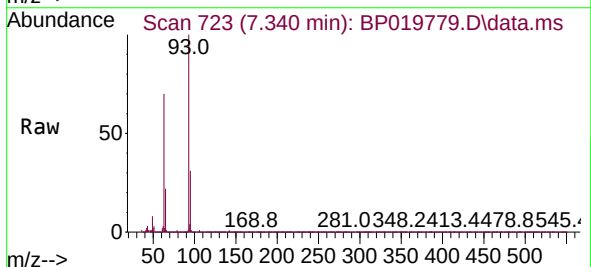
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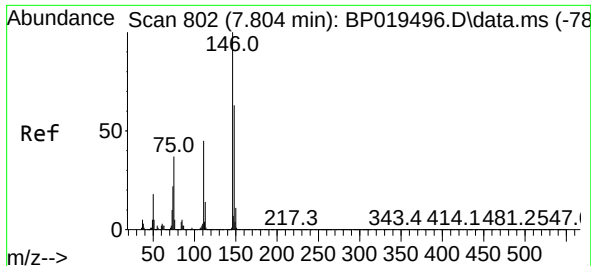
Tgt Ion: 94 Resp: 263029
Ion Ratio Lower Upper
94 100
65 29.7 11.3 51.3
66 46.1 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 42.409 ng
RT: 7.340 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 93 Resp: 201428
Ion Ratio Lower Upper
93 100
63 69.6 51.2 91.2
95 31.1 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 42.566 ng

RT: 7.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

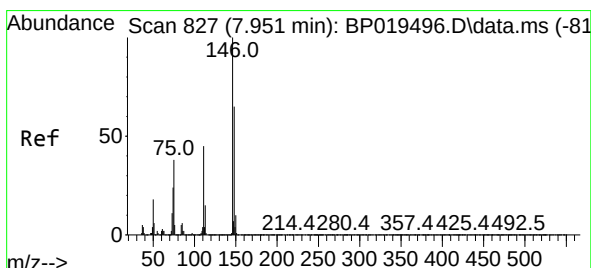
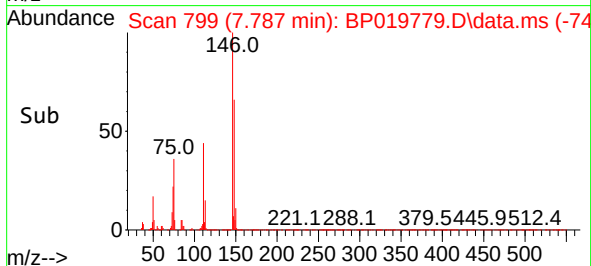
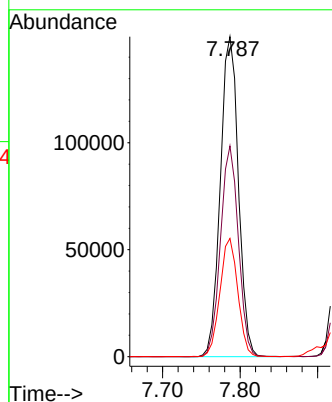
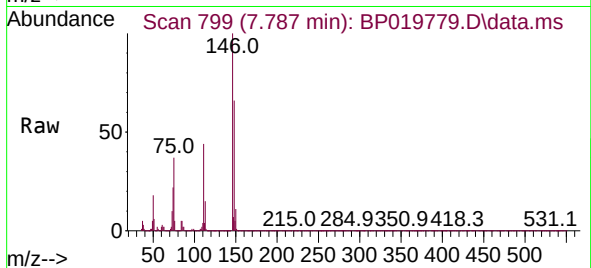
Tgt Ion:146 Resp: 242921

Ion Ratio Lower Upper

146 100

148 65.8 50.4 75.6

75 36.9 29.9 44.9



#13

1,4-Dichlorobenzene

Concen: 42.750 ng

RT: 7.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

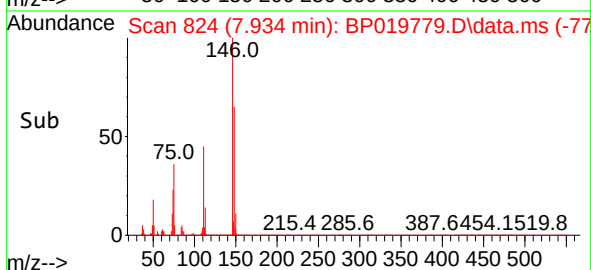
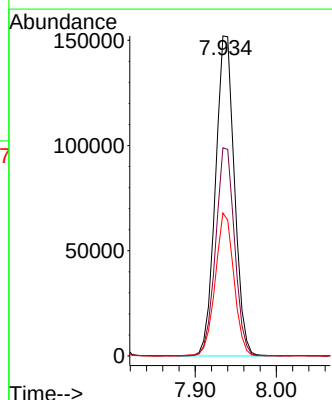
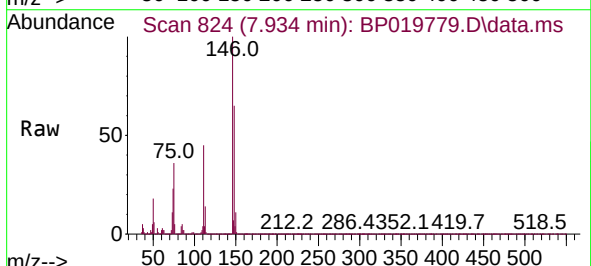
Tgt Ion:146 Resp: 247174

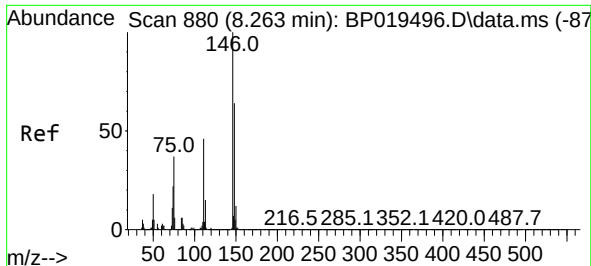
Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

111 44.7 35.8 53.6

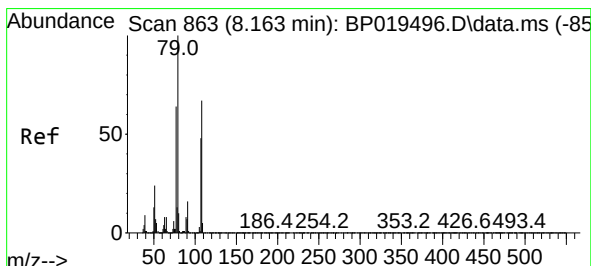
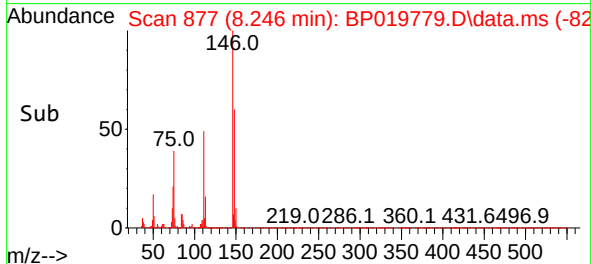
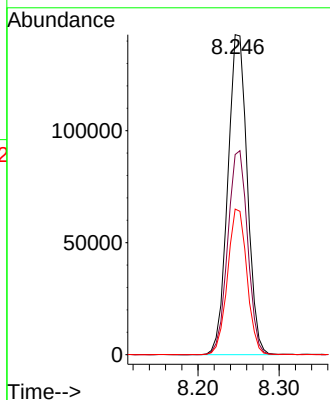
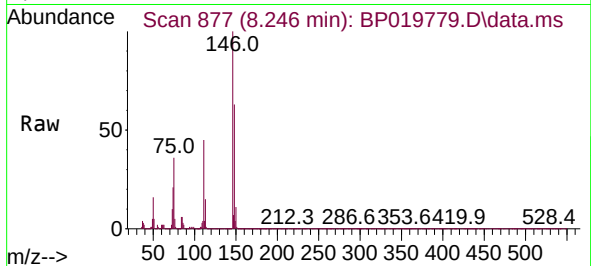




#14
1,2-Dichlorobenzene
Concen: 42.543 ng
RT: 8.246 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

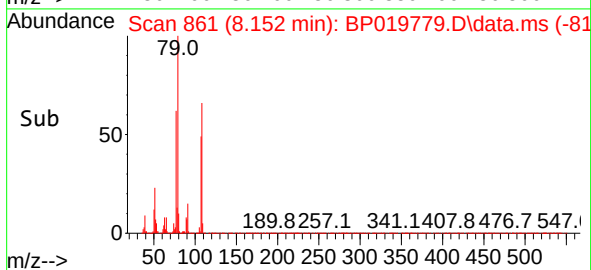
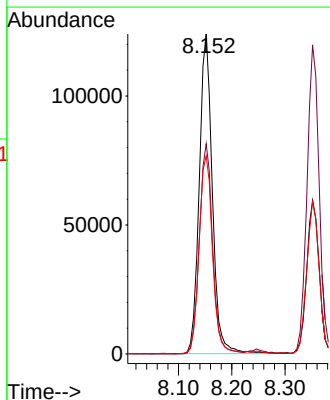
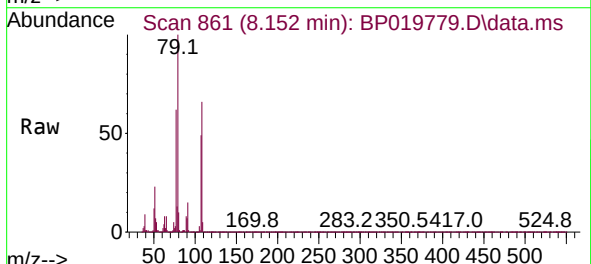
Instrument :
BNA_P
ClientSampleId :
PB159054BS

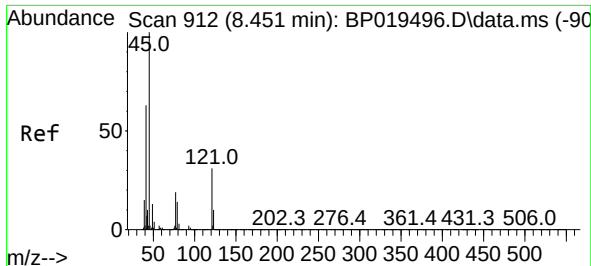
Tgt Ion:146 Resp: 237996
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.0
111 45.5 37.0 55.6



#15
Benzyl Alcohol
Concen: 43.101 ng
RT: 8.152 min Scan# 861
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 79 Resp: 210945
Ion Ratio Lower Upper
79 100
108 65.7 53.8 80.6
77 61.9 51.3 76.9

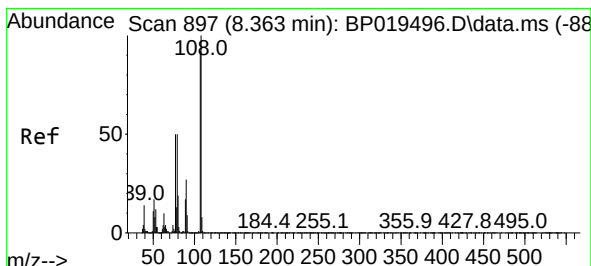
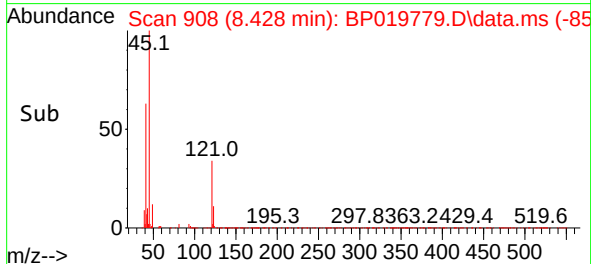
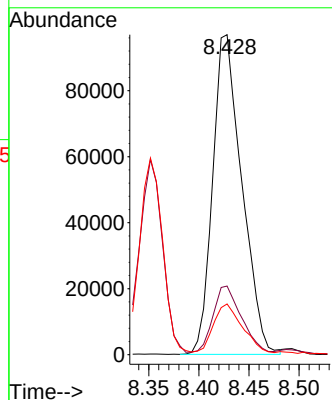
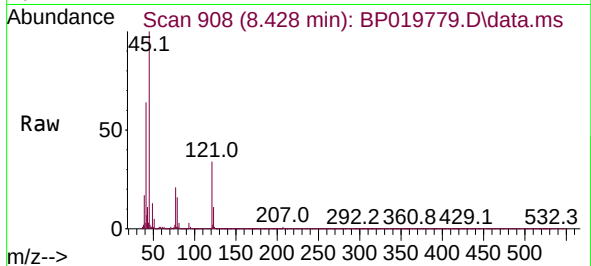




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.336 ng
RT: 8.428 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

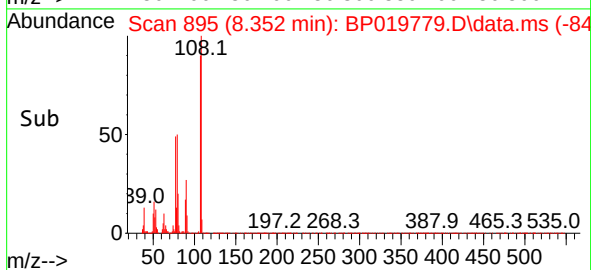
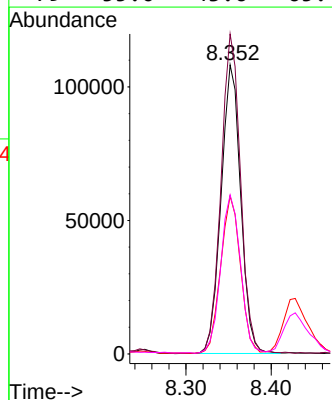
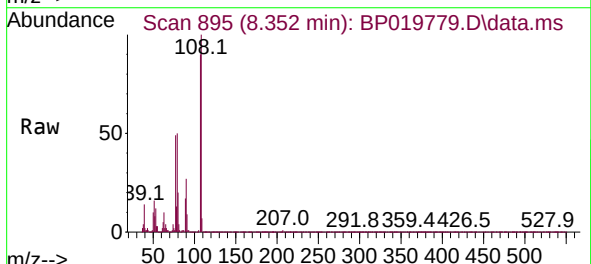
Instrument :
BNA_P
ClientSampleId :
PB159054BS

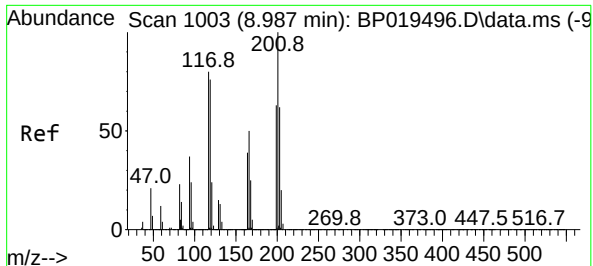
Tgt Ion: 45 Resp: 196329
Ion Ratio Lower Upper
45 100
77 21.5 0.8 40.8
79 15.9 0.0 35.5



#17
2-Methylphenol
Concen: 42.078 ng
RT: 8.352 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 107 Resp: 172945
Ion Ratio Lower Upper
107 100
108 110.7 87.0 130.6
77 54.6 43.5 65.3
79 55.0 43.6 65.4

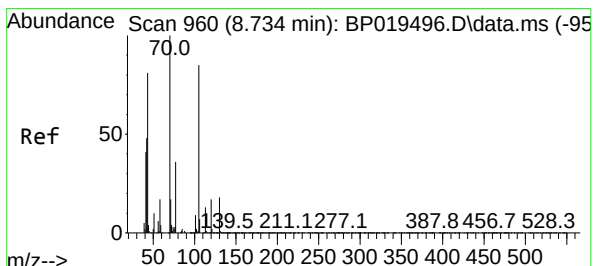
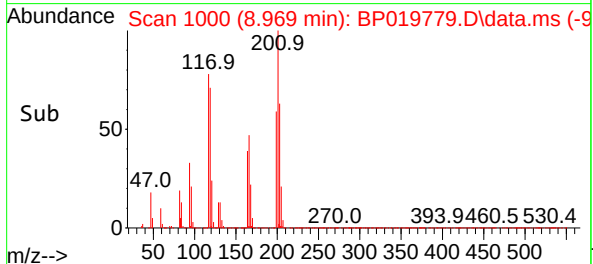
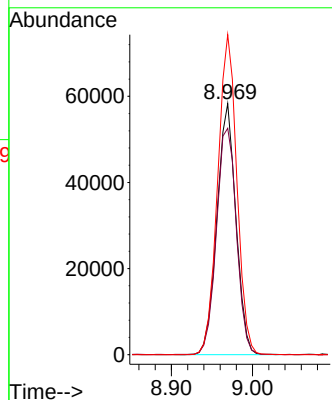
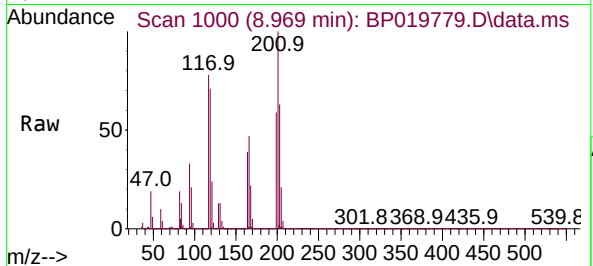




#18
Hexachloroethane
Concen: 42.250 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

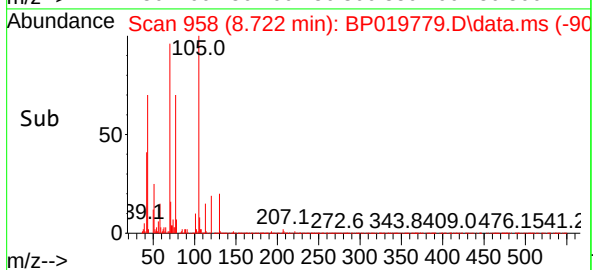
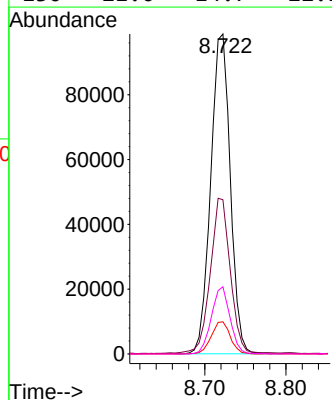
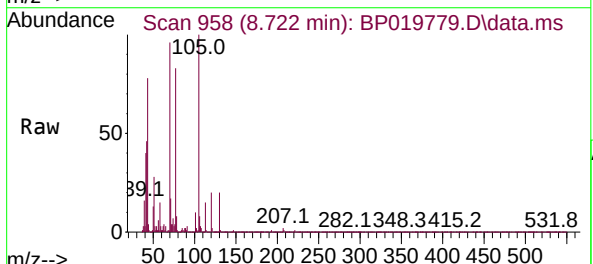
Instrument :
BNA_P
ClientSampleId :
PB159054BS

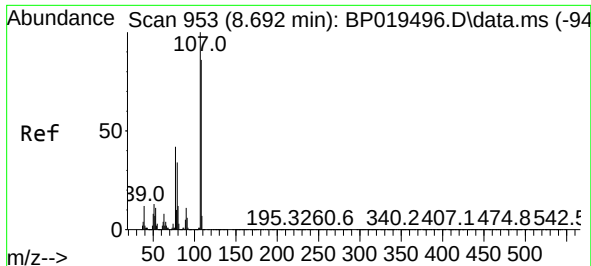
Tgt Ion:117 Resp: 94687
Ion Ratio Lower Upper
117 100
119 90.1 75.5 113.3
201 127.4 99.4 149.2



#19
n-Nitroso-di-n-propylamine
Concen: 39.498 ng
RT: 8.722 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 70 Resp: 165253
Ion Ratio Lower Upper
70 100
42 48.2 39.2 58.8
101 10.1 7.3 10.9
130 21.0 14.7 22.1

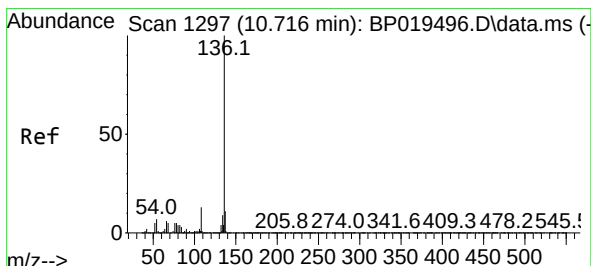
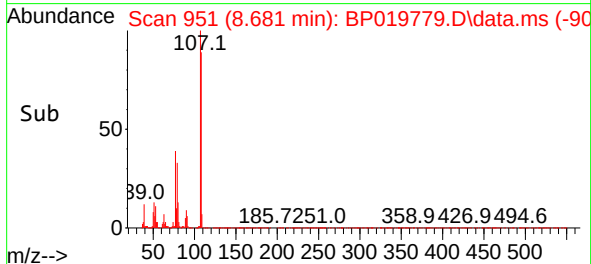
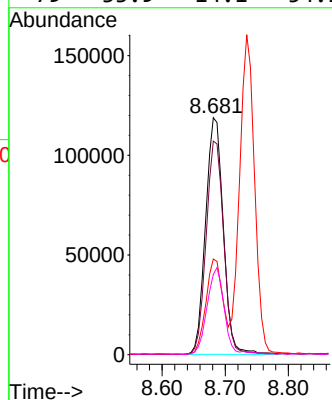
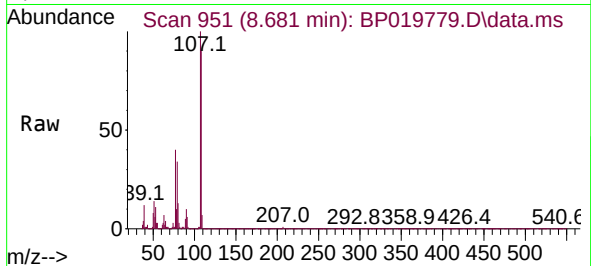




#20
3+4-Methylphenols
Concen: 41.367 ng
RT: 8.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

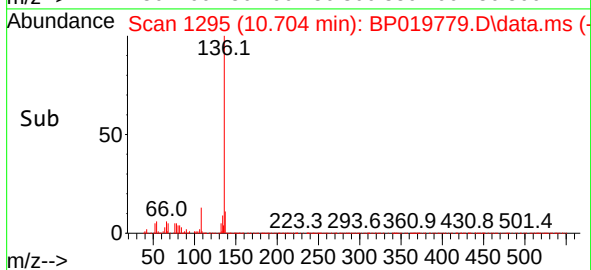
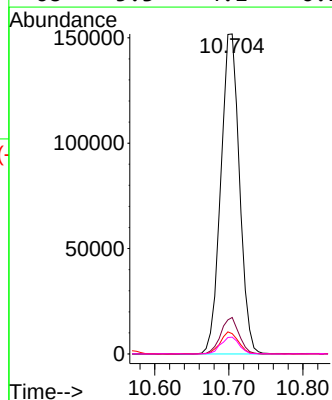
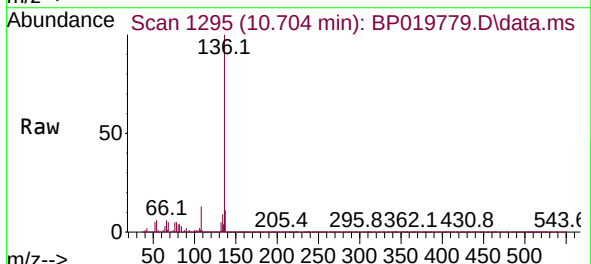
Instrument :
BNA_P
ClientSampleId :
PB159054BS

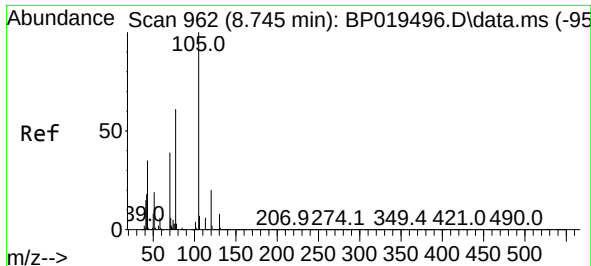
Tgt	Ion:107	Resp:	232038
Ion	Ratio	Lower	Upper
107	100		
108	90.1	65.5	105.5
77	40.4	21.8	61.8
79	33.9	14.1	54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

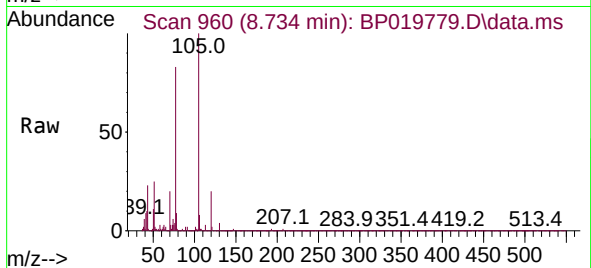
Tgt	Ion:136	Resp:	265593
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.3	5.3	7.9
68	5.3	4.1	6.1



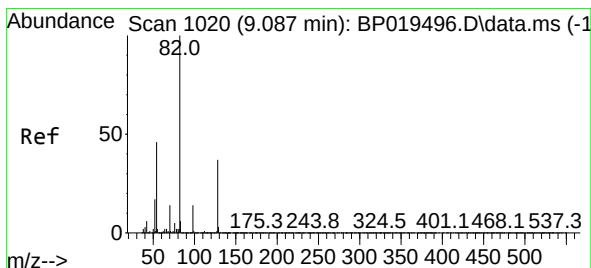
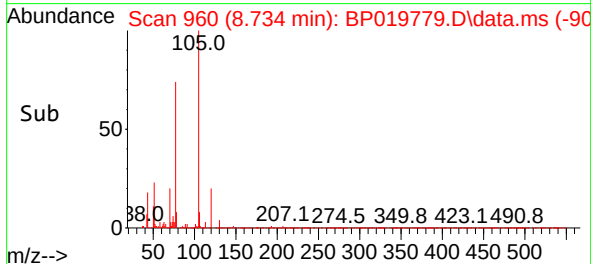
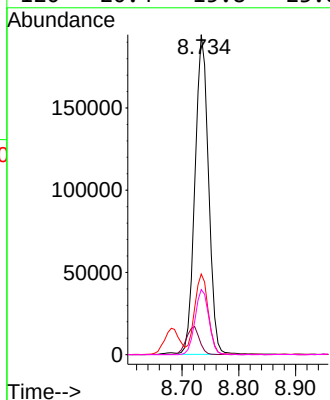


#22
Acetophenone
Concen: 42.691 ng
RT: 8.734 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Instrument :
BNA_P
ClientSampleId :
PB159054BS

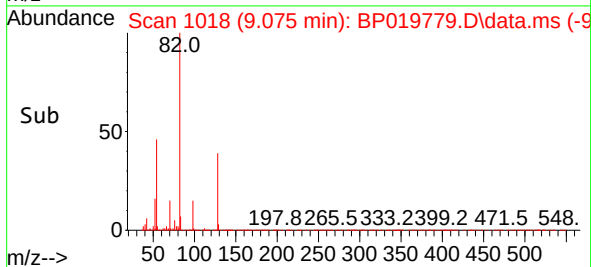
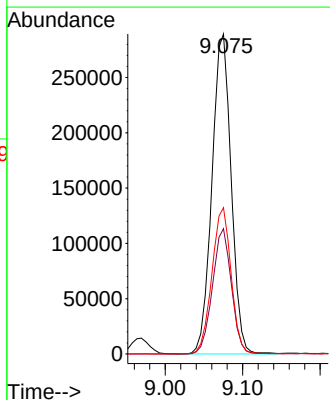
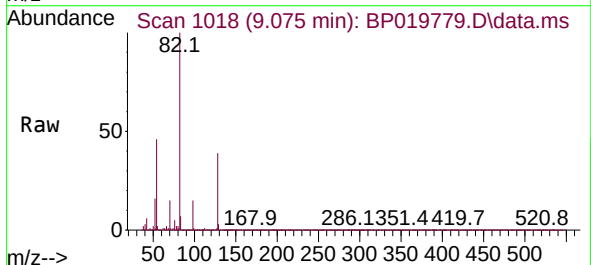


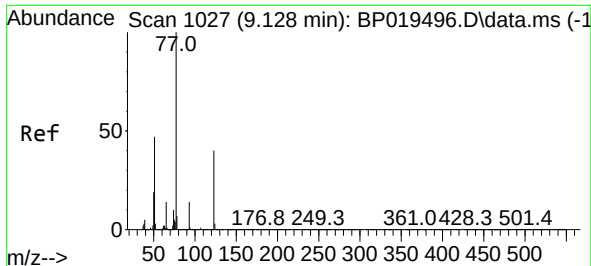
Tgt Ion:	105	Resp:	323012
Ion	Ratio	Lower	Upper
105	100		
71	3.2	4.9	7.3#
51	25.2	20.7	31.1
120	20.4	15.8	23.8



#23
Nitrobenzene-d5
Concen: 81.447 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:	82	Resp:	499219
Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.7	44.5
54	45.7	36.8	55.2

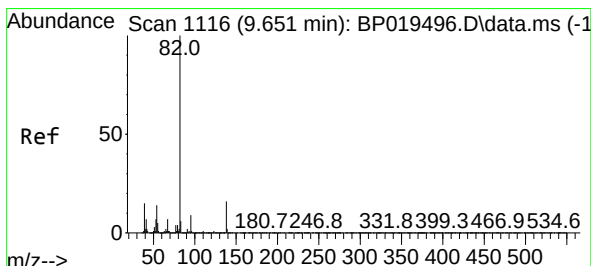
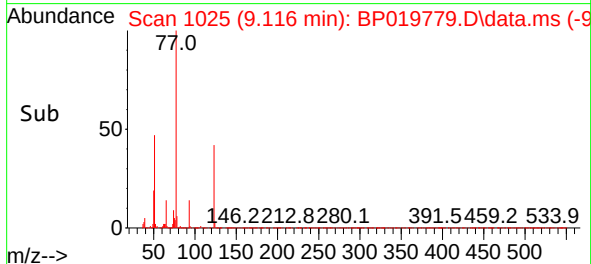
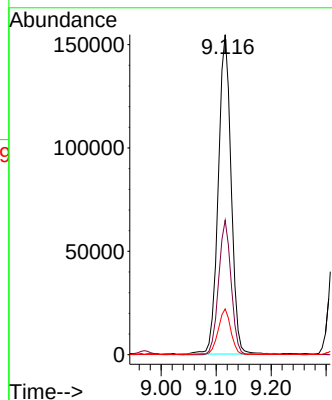
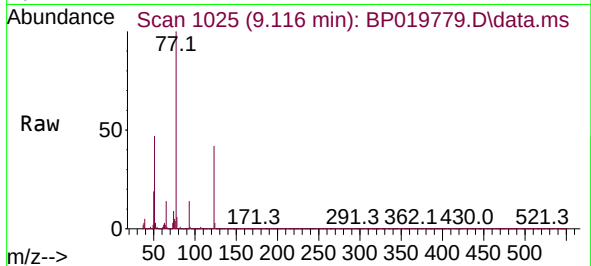




#24
Nitrobenzene
Concen: 40.625 ng
RT: 9.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

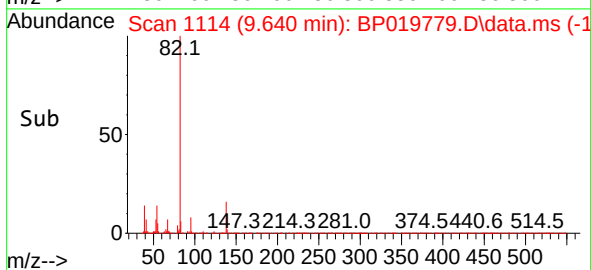
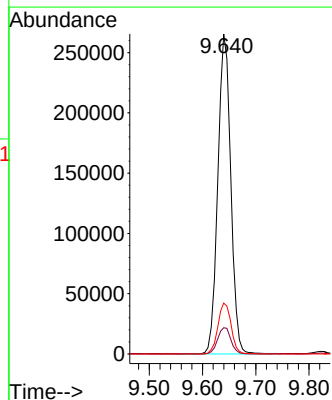
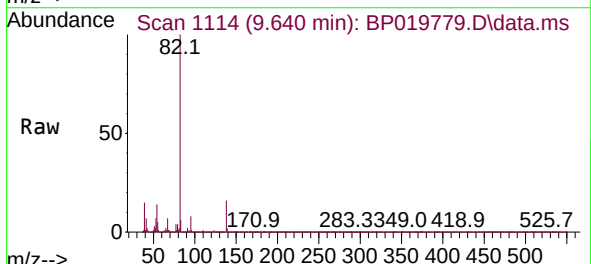
Instrument :
BNA_P
ClientSampleId :
PB159054BS

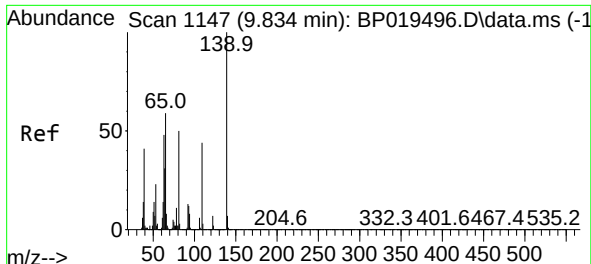
Tgt Ion: 77 Resp: 250712
Ion Ratio Lower Upper
77 100
123 42.0 32.3 48.5
65 14.3 11.6 17.4



#25
Isophorone
Concen: 41.801 ng
RT: 9.640 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 82 Resp: 446210
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.4
138 15.9 13.1 19.7

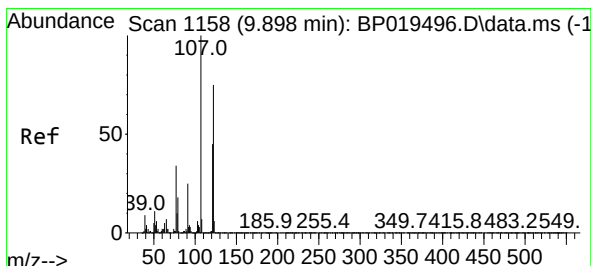
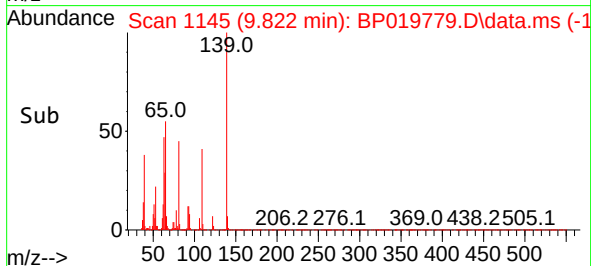
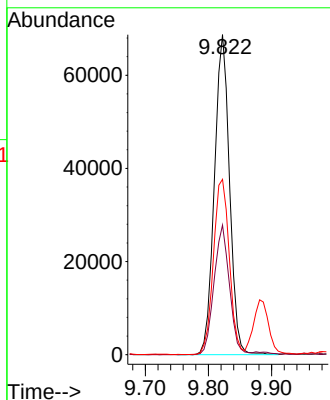
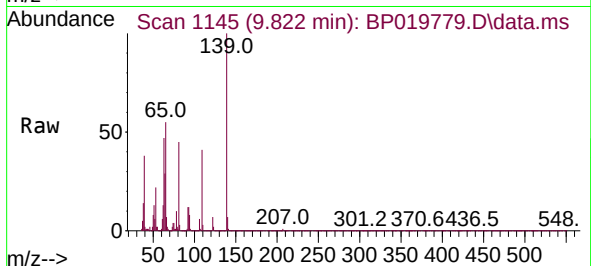




#26
2-Nitrophenol
Concen: 48.597 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

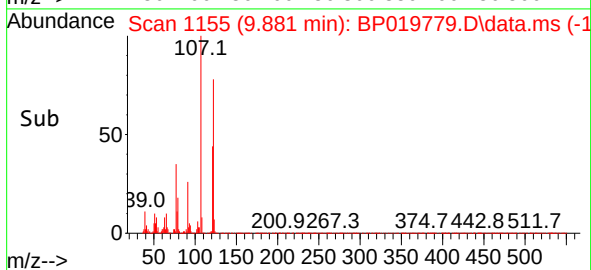
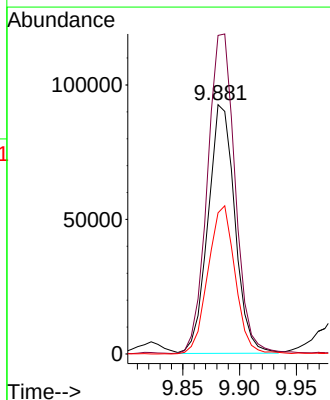
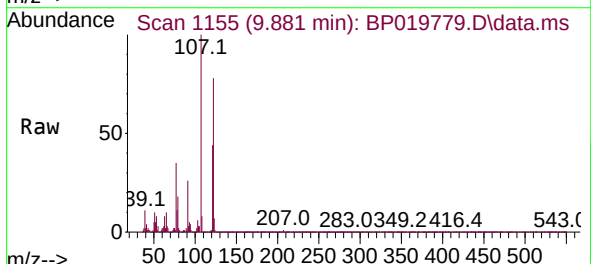
Instrument :
BNA_P
ClientSampleId :
PB159054BS

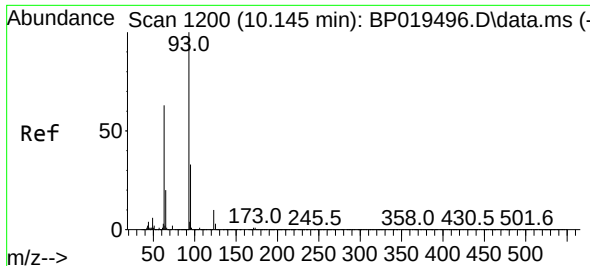
Tgt Ion:139 Resp: 114353
Ion Ratio Lower Upper
139 100
109 40.5 34.9 52.3
65 54.8 47.5 71.3



#27
2,4-Dimethylphenol
Concen: 50.574 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:122 Resp: 152171
Ion Ratio Lower Upper
122 100
107 127.8 105.9 158.9
121 56.6 47.5 71.3

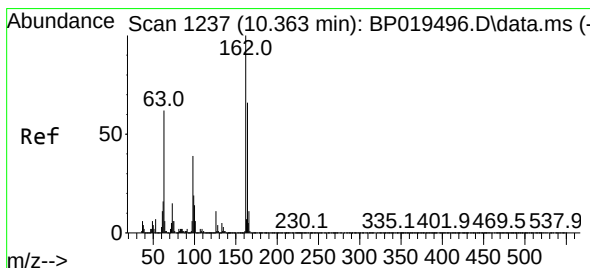
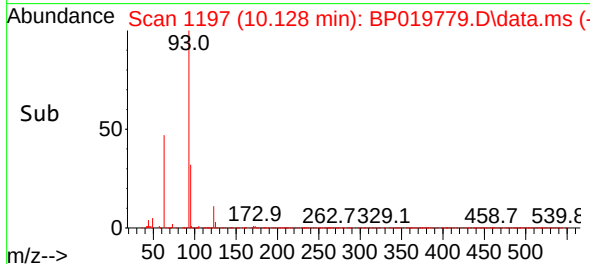
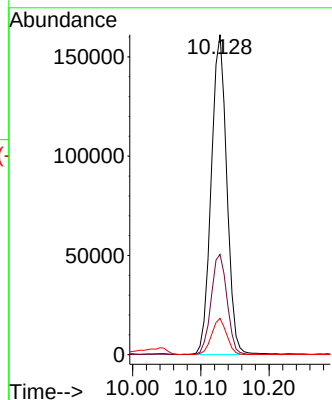
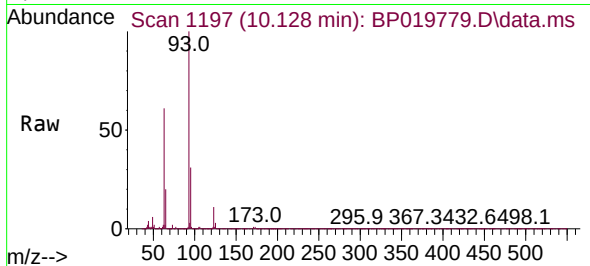




#28
bis(2-Chloroethoxy)methane
Concen: 42.382 ng
RT: 10.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

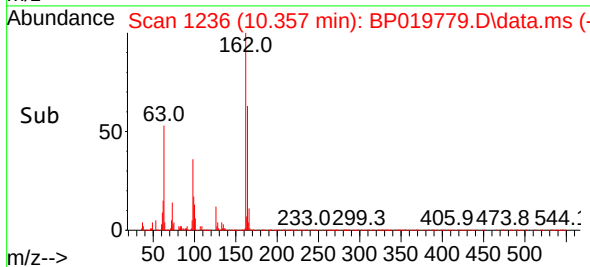
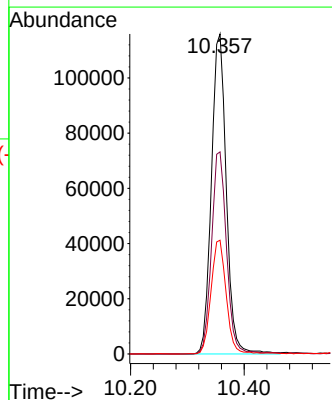
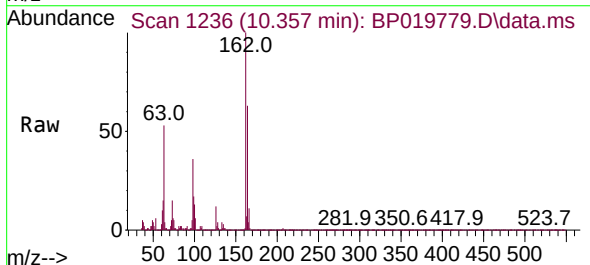
Instrument :
BNA_P
ClientSampleId :
PB159054BS

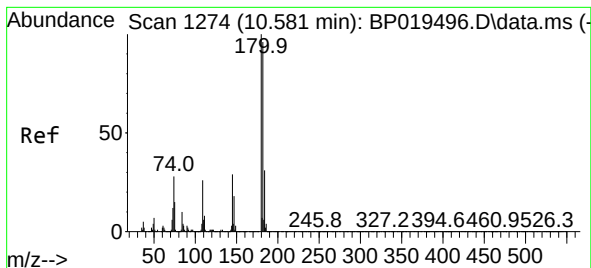
Tgt Ion: 93 Resp: 255971
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.4
123 11.4 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 46.201 ng
RT: 10.357 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 162 Resp: 210141
Ion Ratio Lower Upper
162 100
164 63.2 46.0 86.0
98 35.6 18.7 58.7





#30

1,2,4-Trichlorobenzene

Concen: 44.776 ng

RT: 10.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

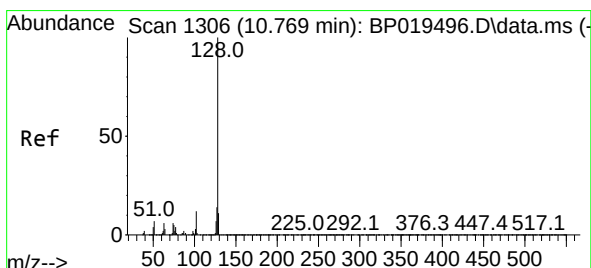
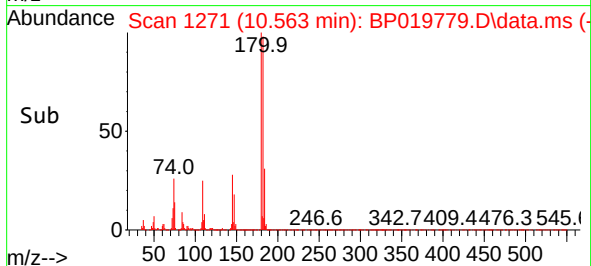
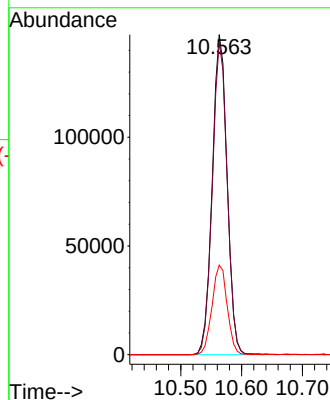
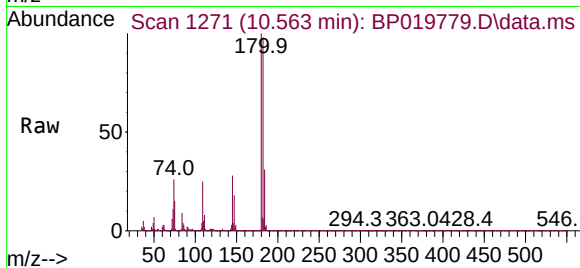
Tgt Ion:180 Resp: 249710

Ion Ratio Lower Upper

180 100

182 97.7 77.0 115.6

145 28.0 23.2 34.8



#31

Naphthalene

Concen: 42.666 ng

RT: 10.752 min Scan# 1303

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

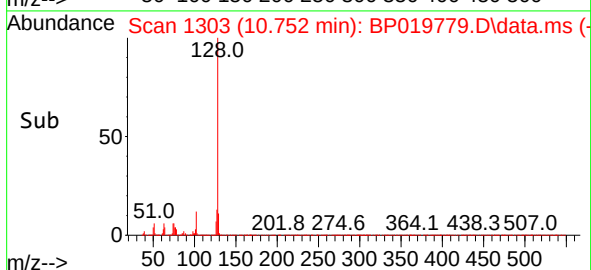
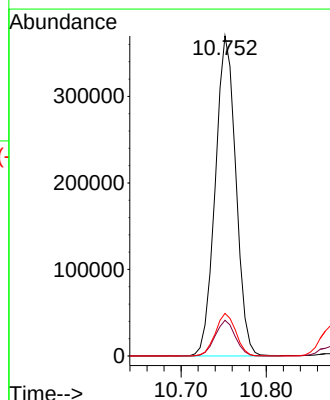
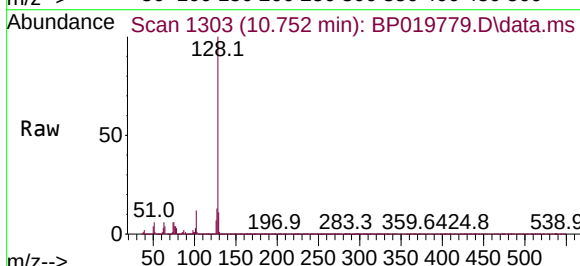
Tgt Ion:128 Resp: 621493

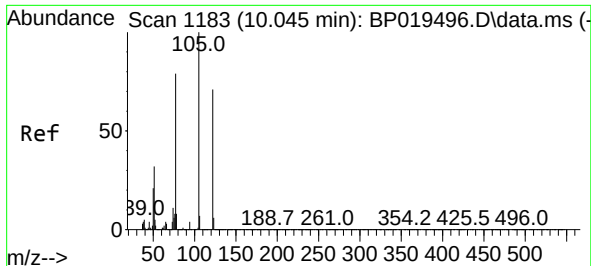
Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.3 10.8 16.2

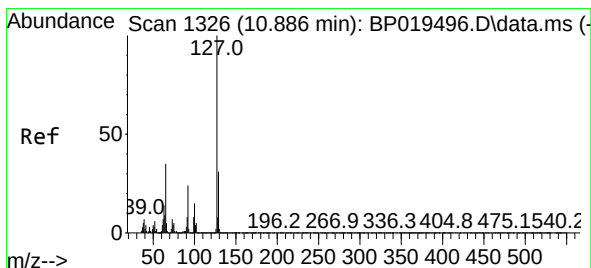
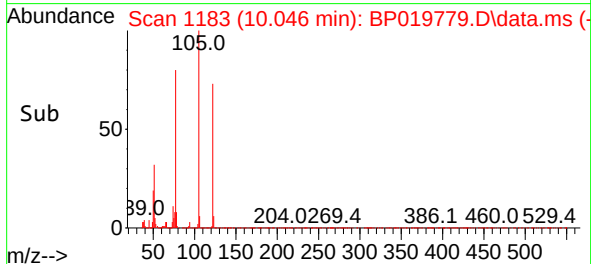
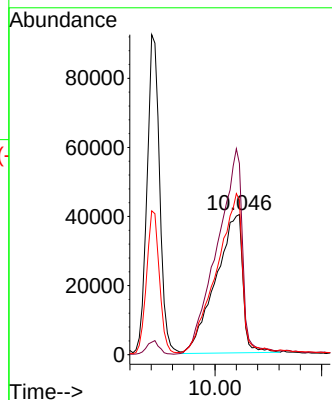
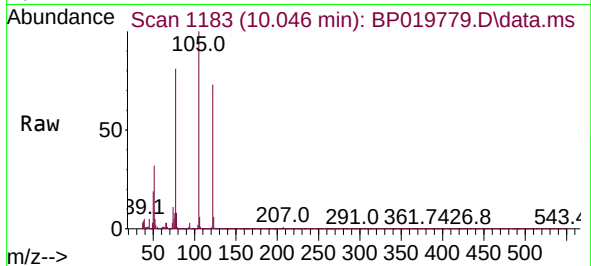




#32
Benzoic acid
Concen: 48.072 ng
RT: 10.046 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

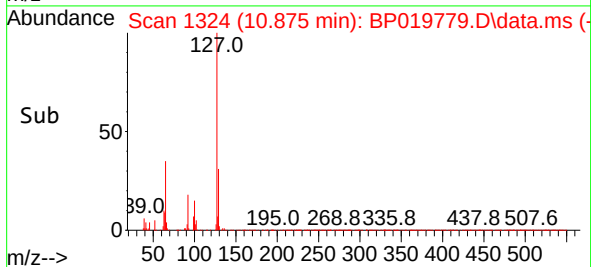
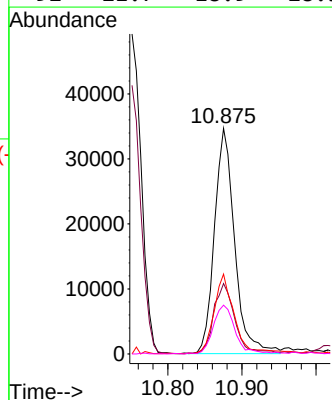
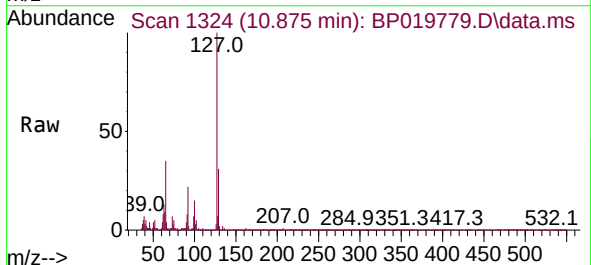
Instrument :
BNA_P
ClientSampleId :
PB159054BS

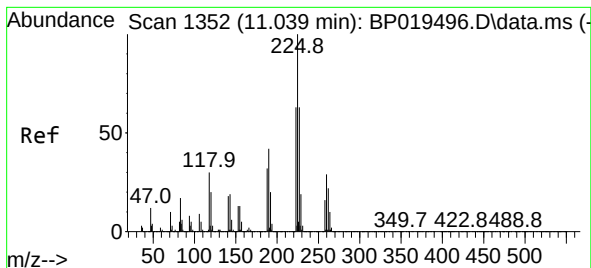
Tgt Ion:122 Resp: 140927
Ion Ratio Lower Upper
122 100
105 136.4 118.8 158.8
77 110.5 91.7 131.7



#33
4-Chloroaniline
Concen: 12.178 ng
RT: 10.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:127 Resp: 65601
Ion Ratio Lower Upper
127 100
129 31.2 24.6 36.8
65 35.4 28.2 42.4
92 21.7 18.9 28.3





#34

Hexachlorobutadiene

Concen: 44.473 ng

RT: 11.022 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

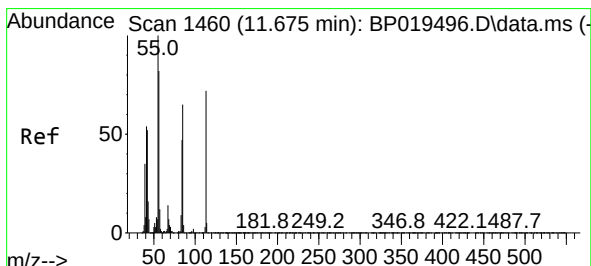
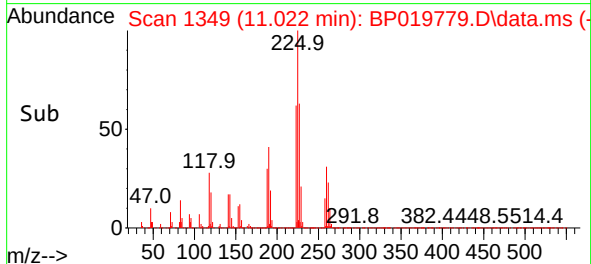
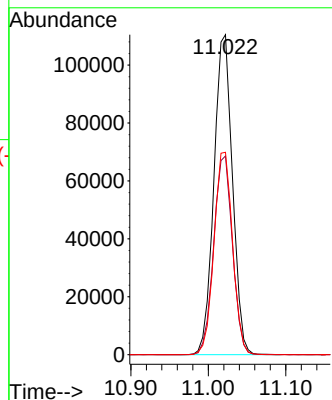
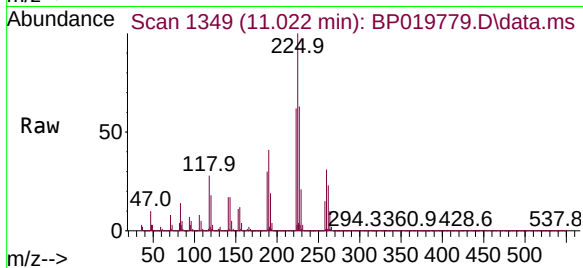
Tgt Ion:225 Resp: 183792

Ion Ratio Lower Upper

225 100

223 62.1 50.5 75.7

227 63.3 50.2 75.2



#35

Caprolactam

Concen: 48.441 ng

RT: 11.687 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

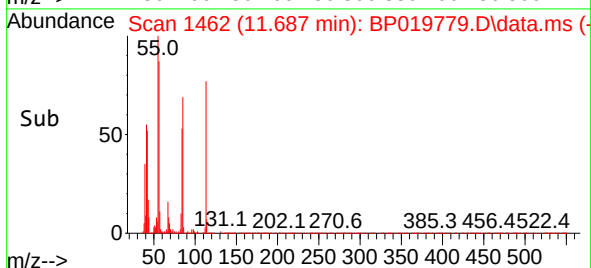
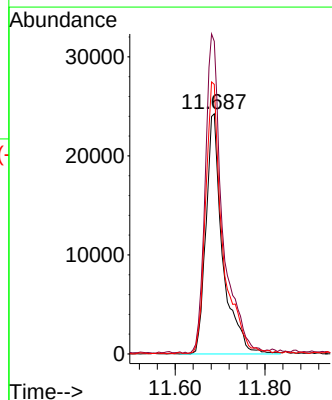
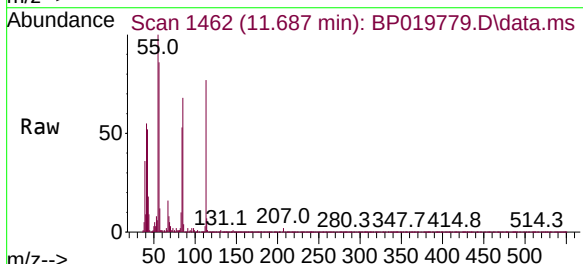
Tgt Ion:113 Resp: 62374

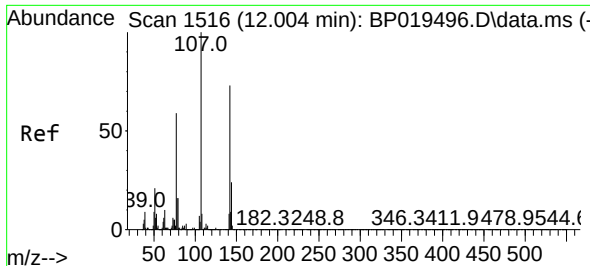
Ion Ratio Lower Upper

113 100

55 130.2 120.0 160.0

56 112.2 94.0 134.0

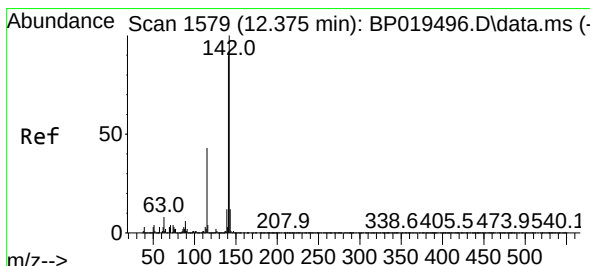
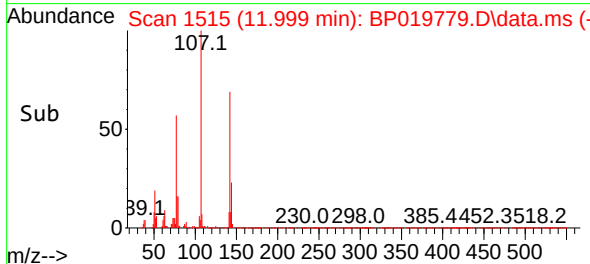
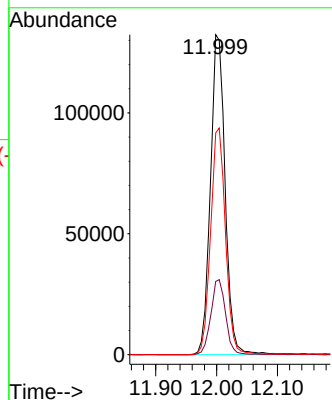
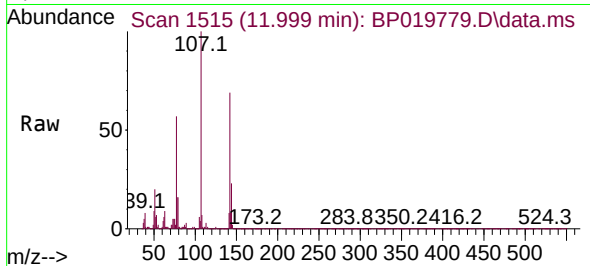




#36
4-Chloro-3-methylphenol
Concen: 44.835 ng
RT: 11.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

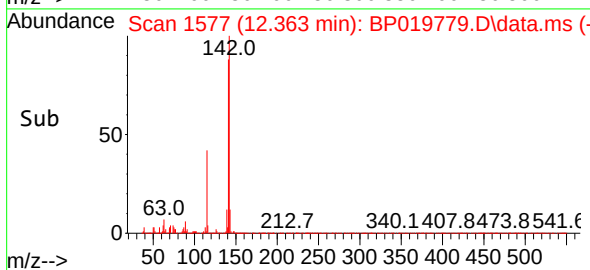
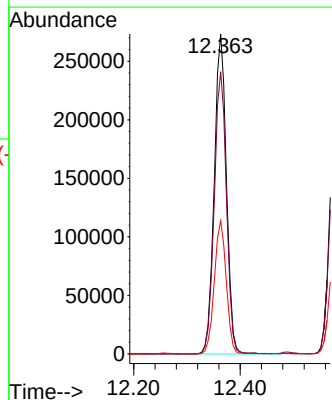
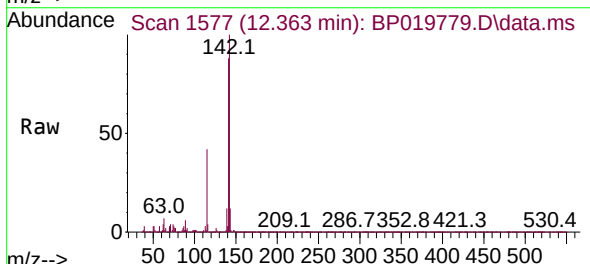
Instrument :
BNA_P
ClientSampleId :
PB159054BS

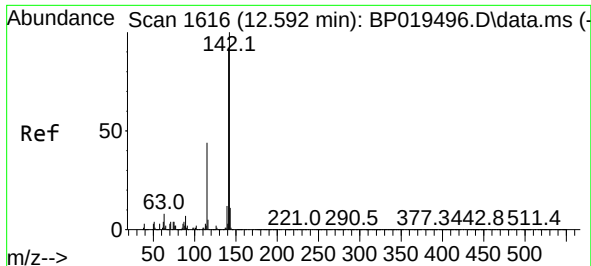
Tgt Ion:107 Resp: 222359
Ion Ratio Lower Upper
107 100
144 22.9 19.0 28.4
142 69.3 58.6 88.0



#37
2-Methylnaphthalene
Concen: 42.984 ng
RT: 12.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:142 Resp: 433309
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.4
115 41.6 34.2 51.2

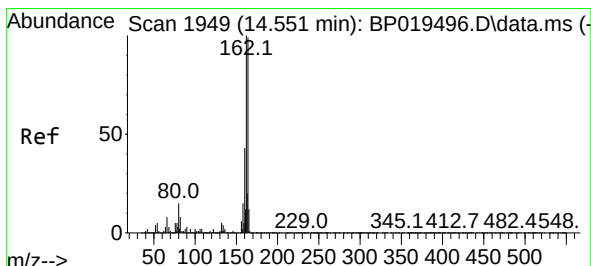
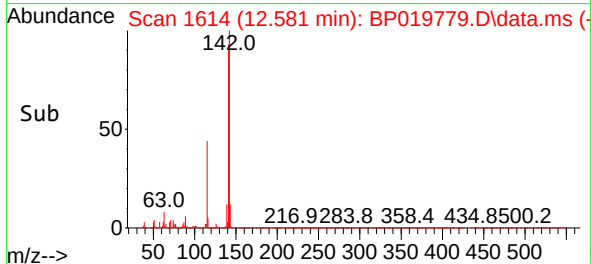
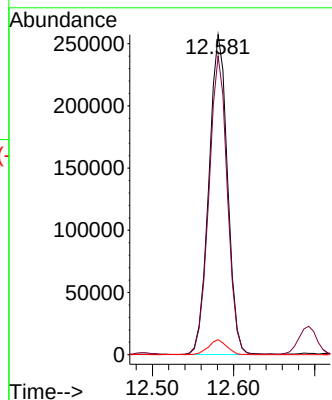
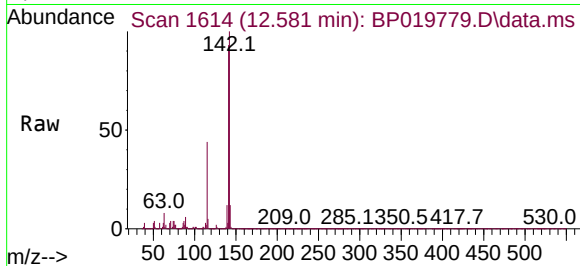




#38
1-Methylnaphthalene
Concen: 41.303 ng
RT: 12.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

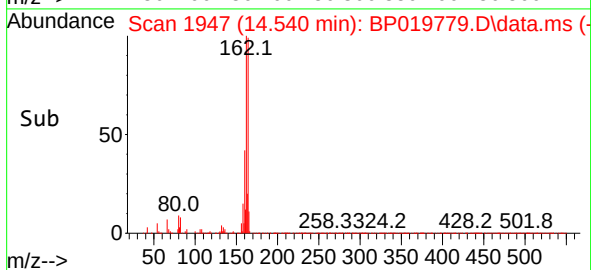
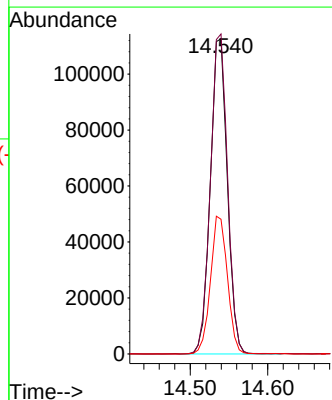
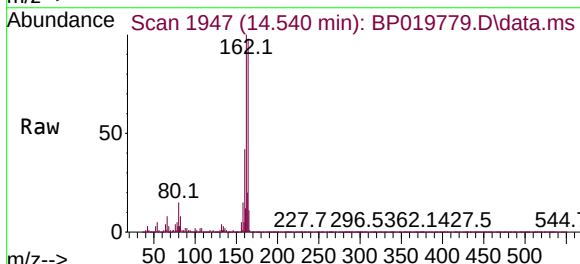
Instrument :
BNA_P
ClientSampleId :
PB159054BS

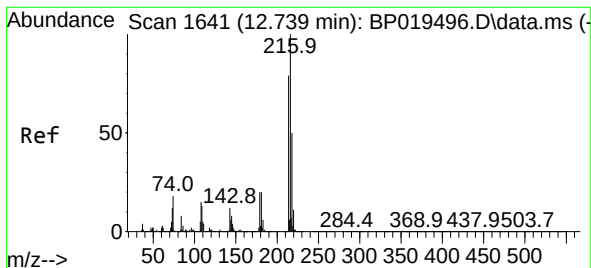
Tgt Ion:142 Resp: 409168
Ion Ratio Lower Upper
142 100
141 93.3 74.0 111.0
116 4.7 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:164 Resp: 171474
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 42.7 35.1 52.7





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.587 ng

RT: 12.728 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:216 Resp: 301474

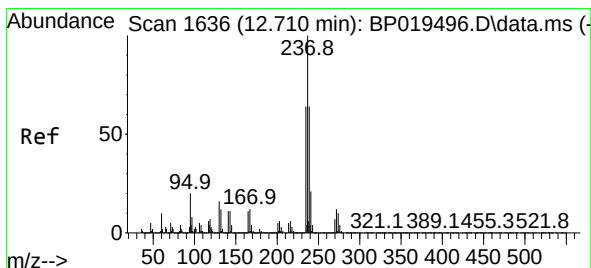
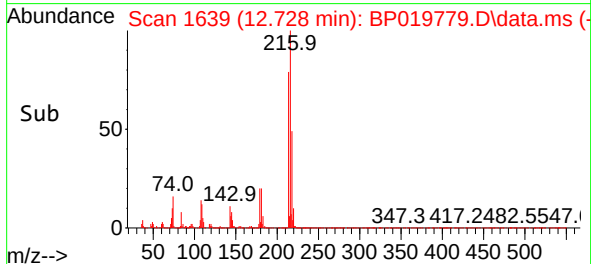
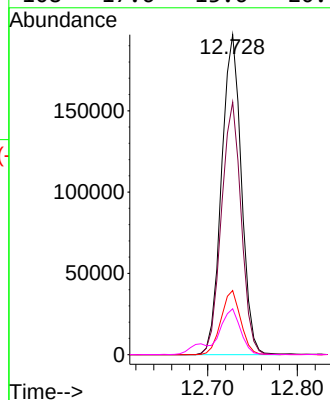
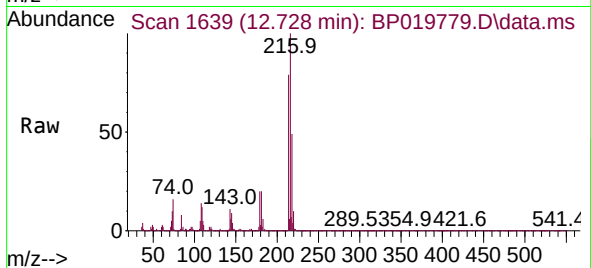
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 19.9 16.6 24.8

108 17.6 13.6 20.4



#41

Hexachlorocyclopentadiene

Concen: 120.428 ng

RT: 12.693 min Scan# 1633

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

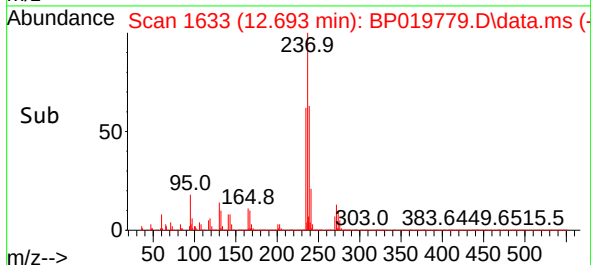
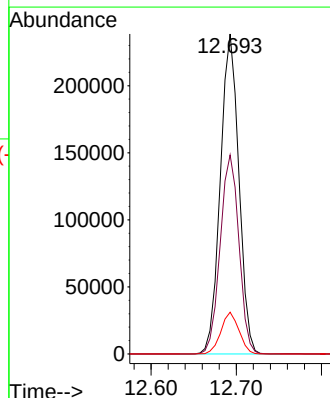
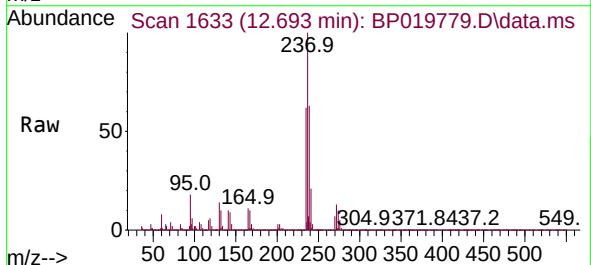
Tgt Ion:237 Resp: 359776

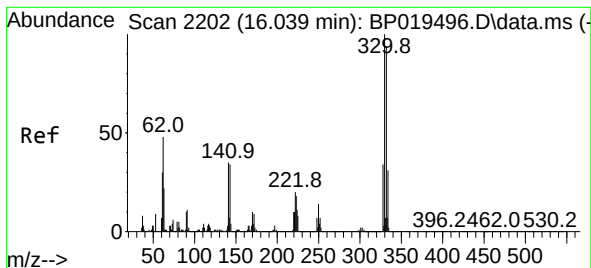
Ion Ratio Lower Upper

237 100

235 62.2 43.7 83.7

272 13.1 0.0 32.4





#42

2,4,6-Tribromophenol

Concen: 158.082 ng

RT: 16.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

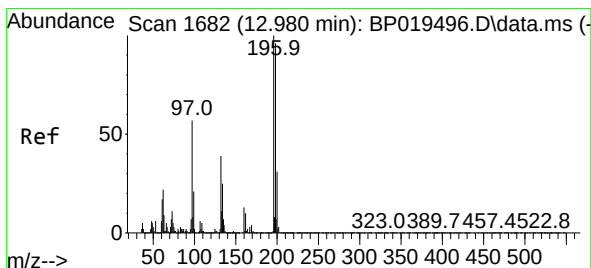
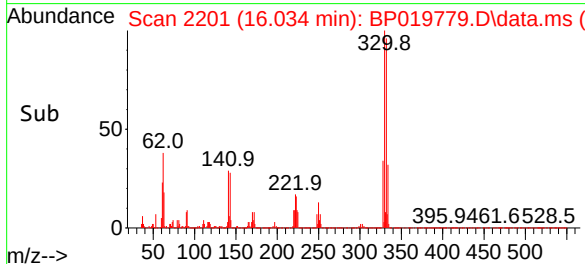
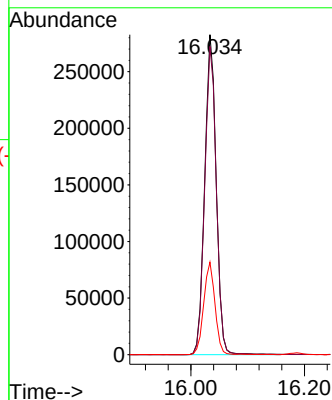
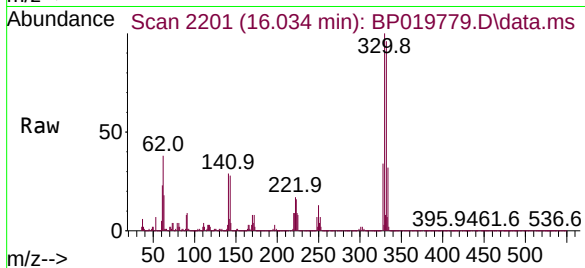
Tgt Ion:330 Resp: 395782

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 28.4 27.0 40.4



#43

2,4,6-Trichlorophenol

Concen: 46.600 ng

RT: 12.975 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

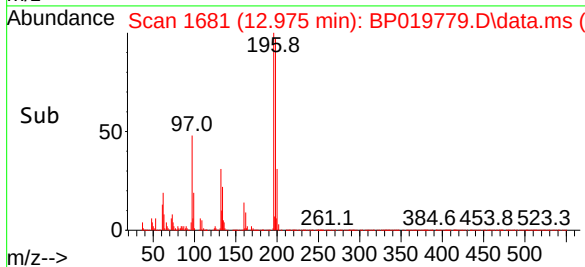
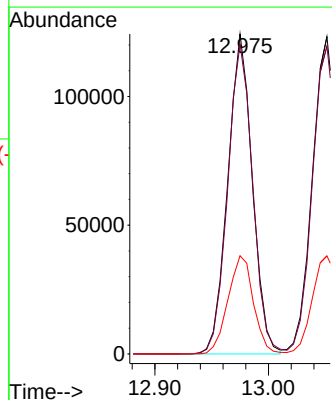
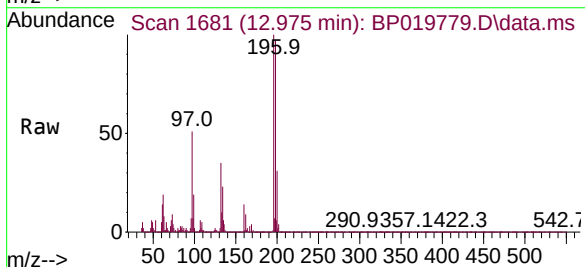
Tgt Ion:196 Resp: 186607

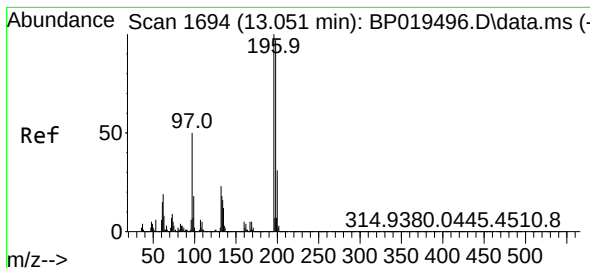
Ion Ratio Lower Upper

196 100

198 96.8 76.7 115.1

200 30.7 24.6 36.8

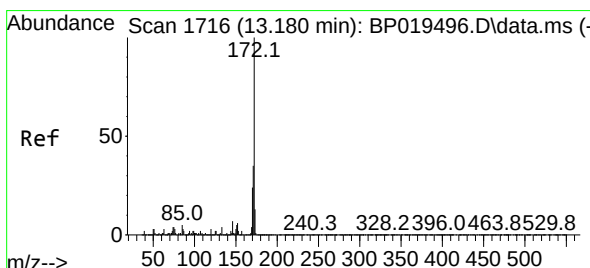
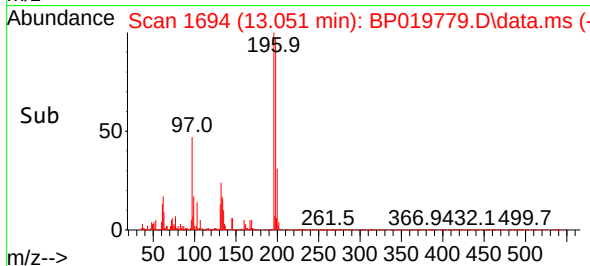
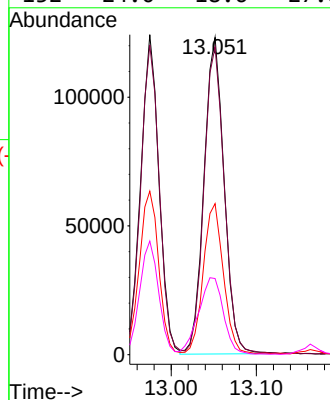
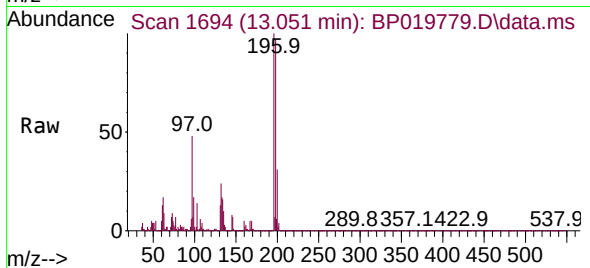




#44
2,4,5-Trichlorophenol
Concen: 46.049 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

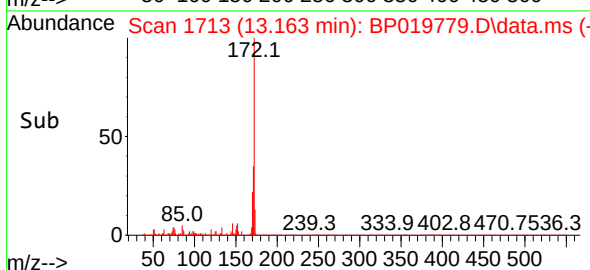
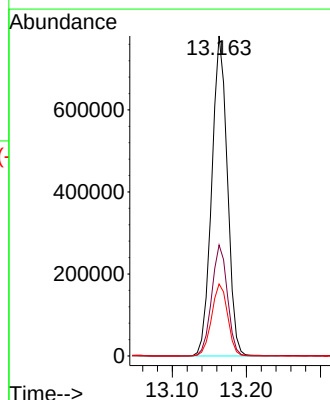
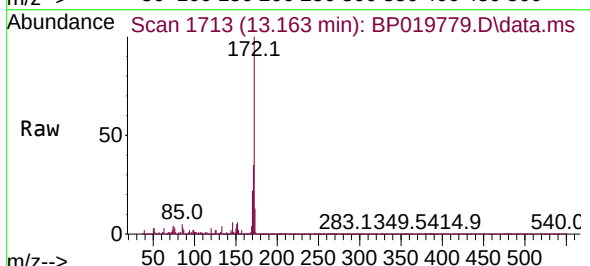
Instrument :
BNA_P
ClientSampleId :
PB159054BS

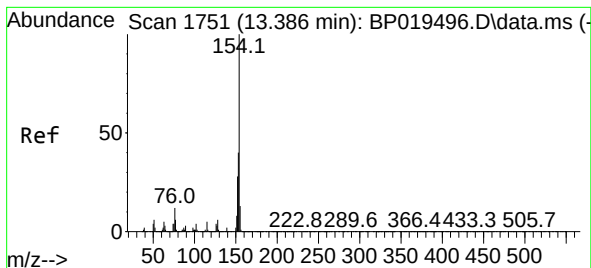
Tgt	Ion:196	Resp:	202484
Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.5	116.3
97	47.6	39.9	59.9
132	24.0	18.6	27.8



#45
2-Fluorobiphenyl
Concen: 82.237 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:172	Resp: 1140686		
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.4
170	22.5	18.9	28.3





#46

1,1'-Biphenyl

Concen: 42.526 ng

RT: 13.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

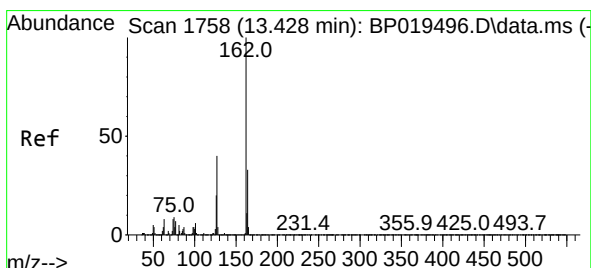
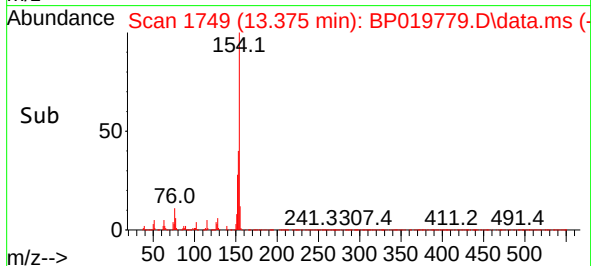
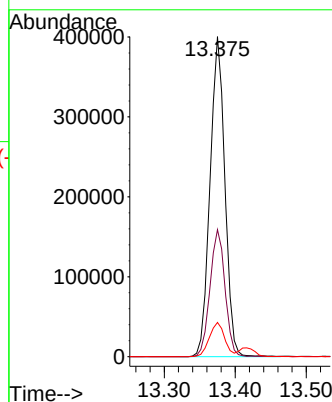
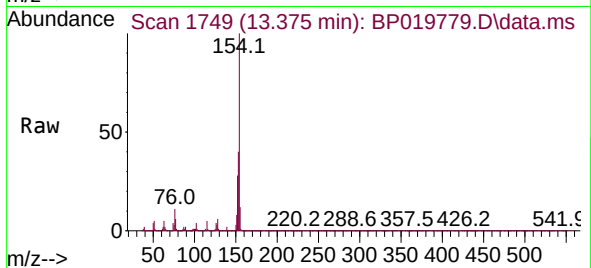
Tgt Ion:154 Resp: 582006

Ion Ratio Lower Upper

154 100

153 39.7 20.2 60.2

76 10.7 0.0 31.6



#47

2-Chloronaphthalene

Concen: 41.147 ng

RT: 13.416 min Scan# 1756

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

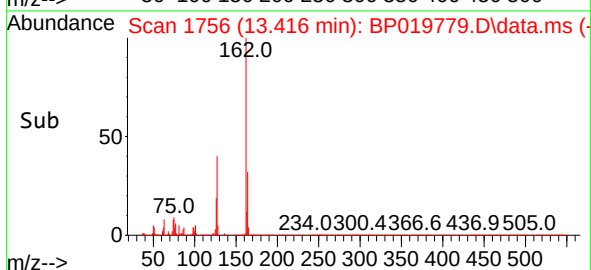
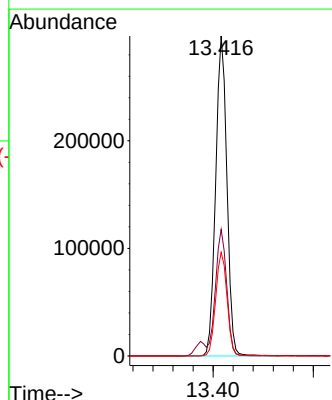
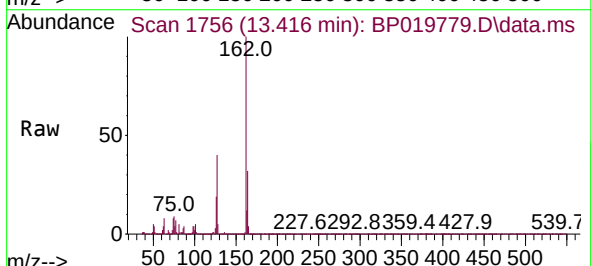
Tgt Ion:162 Resp: 462266

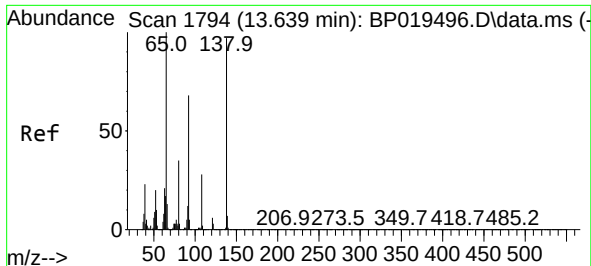
Ion Ratio Lower Upper

162 100

127 39.5 32.1 48.1

164 32.4 26.7 40.1

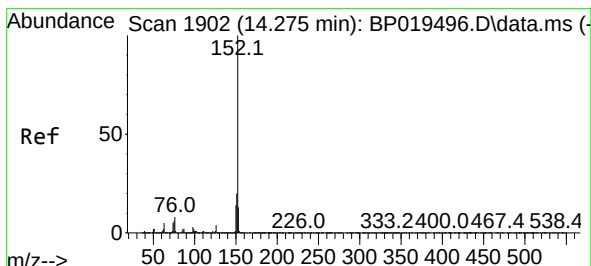
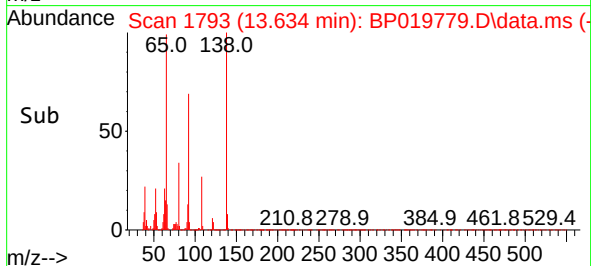
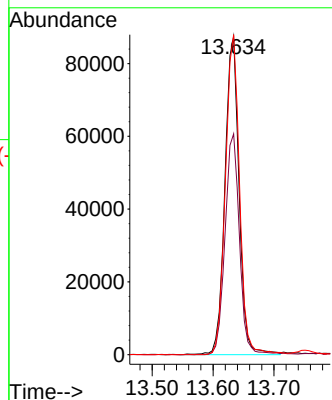
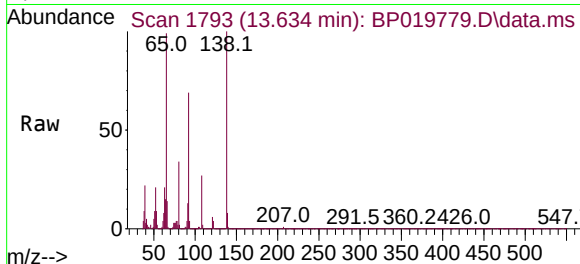




#48
2-Nitroaniline
Concen: 44.814 ng
RT: 13.634 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

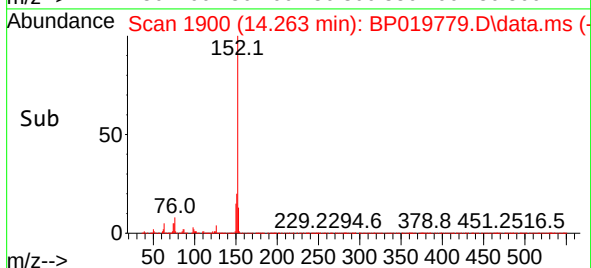
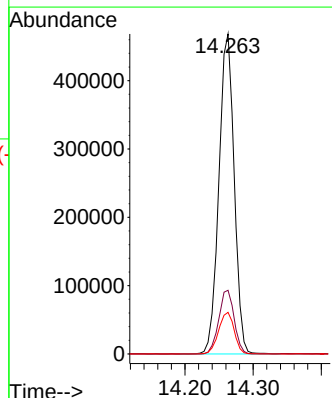
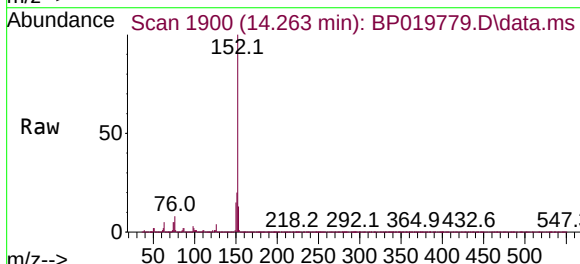
Instrument :
BNA_P
ClientSampleId :
PB159054BS

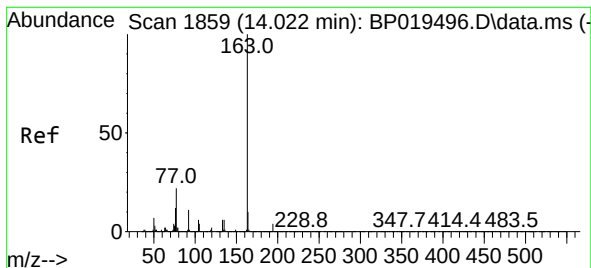
Tgt Ion: 65 Resp: 140780
Ion Ratio Lower Upper
65 100
92 69.4 54.7 82.1
138 100.6 77.8 116.6



#49
Acenaphthylene
Concen: 46.439 ng
RT: 14.263 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 152 Resp: 731950
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.0 10.6 15.8





#50

Dimethylphthalate

Concen: 44.800 ng

RT: 14.010 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

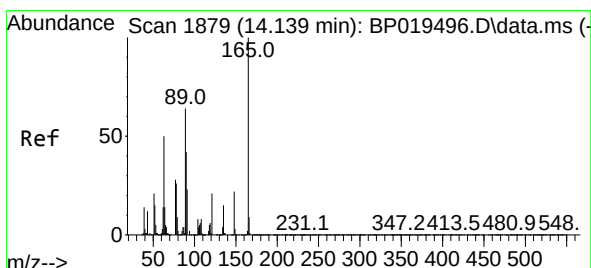
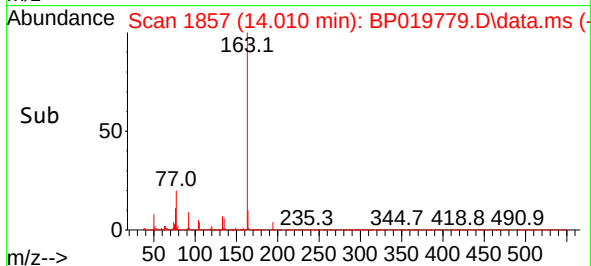
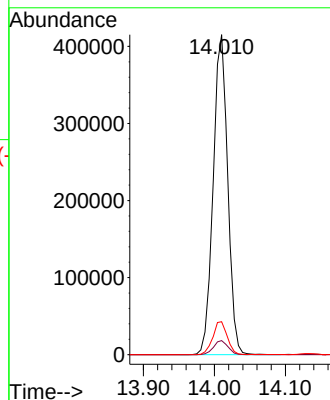
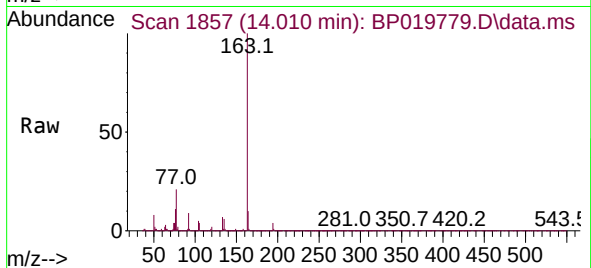
Tgt Ion:163 Resp: 588078

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.3 7.8 11.6



#51

2,6-Dinitrotoluene

Concen: 44.746 ng

RT: 14.134 min Scan# 1878

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

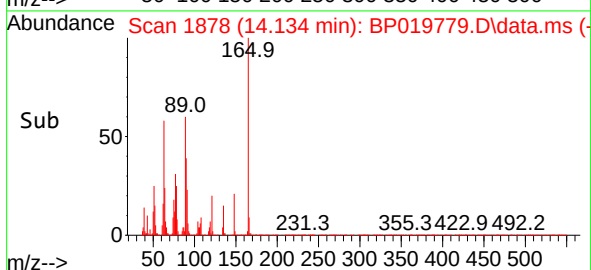
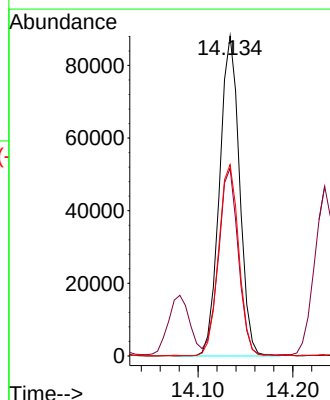
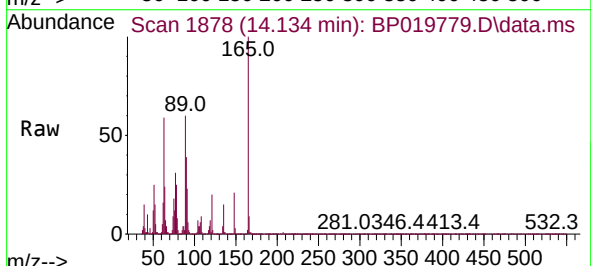
Tgt Ion:165 Resp: 129051

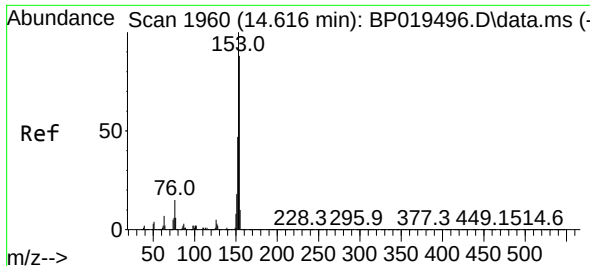
Ion Ratio Lower Upper

165 100

63 58.7 50.4 75.6

89 59.8 51.7 77.5

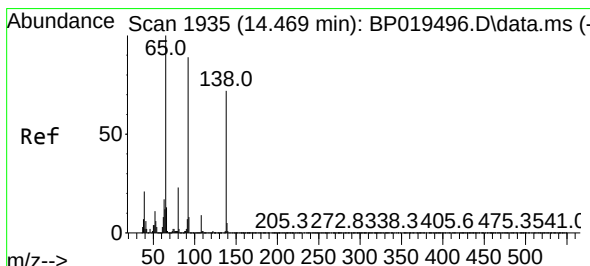
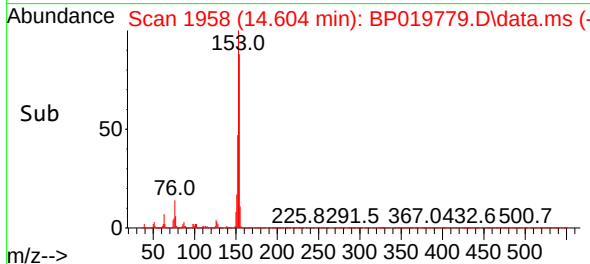
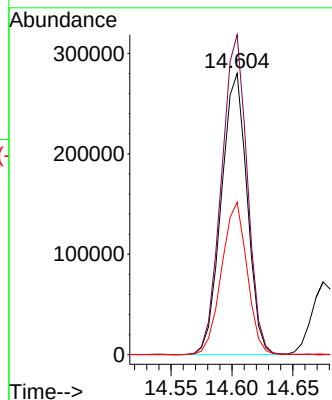
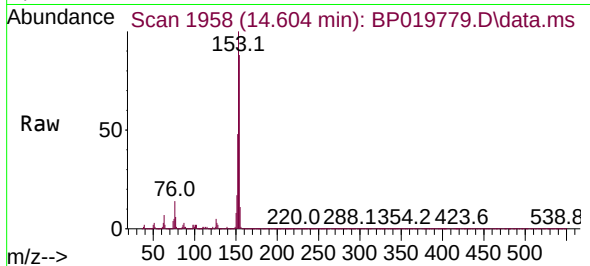




#52
Acenaphthene
Concen: 42.240 ng
RT: 14.604 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

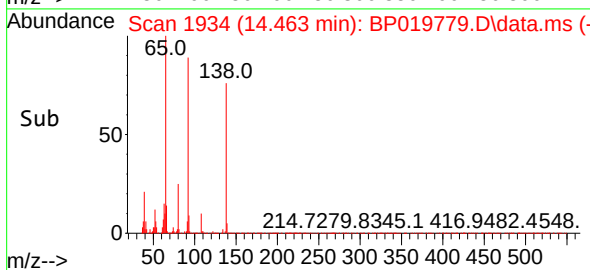
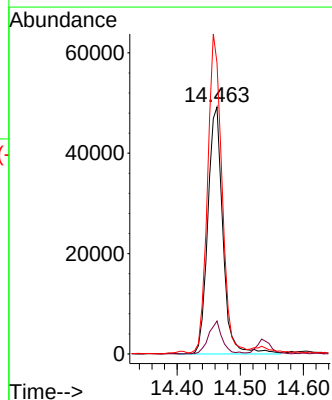
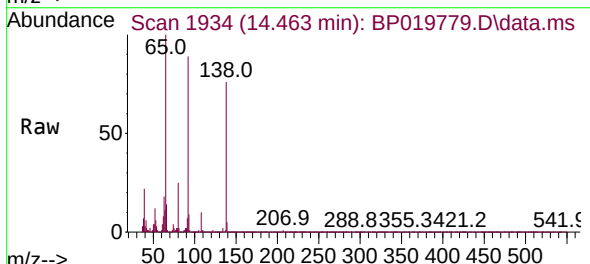
Instrument :
BNA_P
ClientSampleId :
PB159054BS

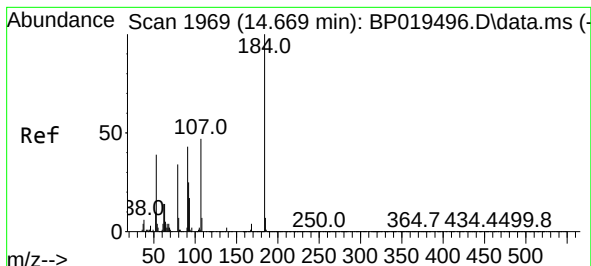
Tgt Ion:154 Resp: 413217
Ion Ratio Lower Upper
154 100
153 113.8 90.5 135.7
152 54.2 42.1 63.1



#53
3-Nitroaniline
Concen: 30.681 ng
RT: 14.463 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:138 Resp: 81319
Ion Ratio Lower Upper
138 100
108 13.4 9.7 14.5
92 117.9 98.0 147.0

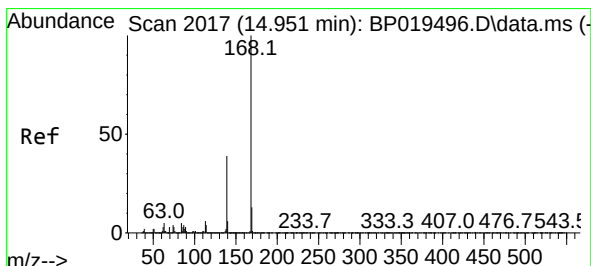
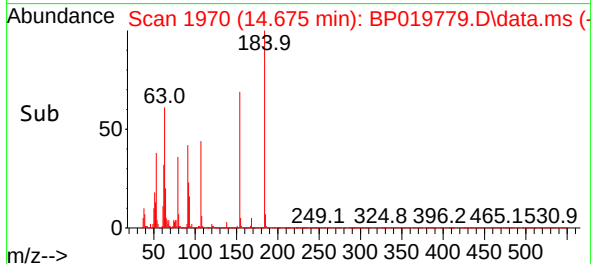
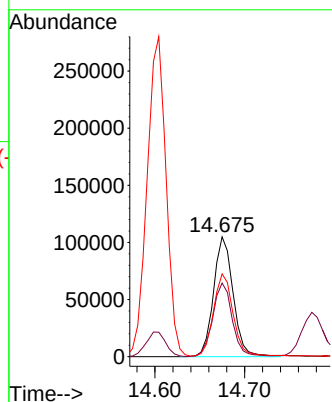
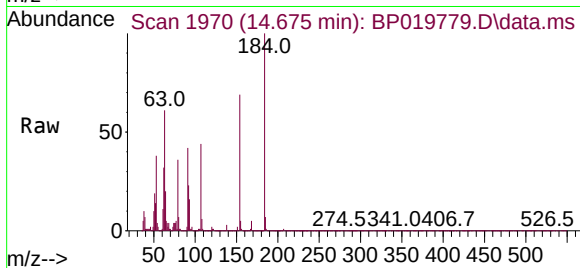




#54
2,4-Dinitrophenol
Concen: 106.208 ng
RT: 14.675 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

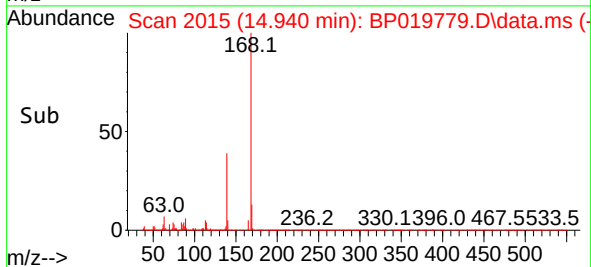
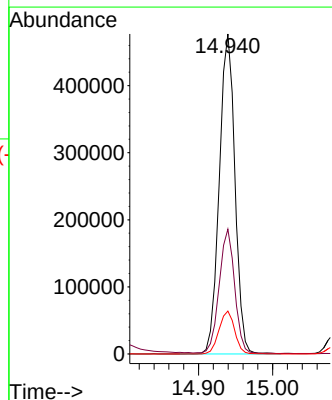
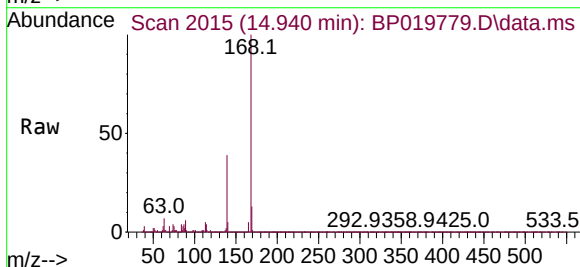
Instrument :
BNA_P
ClientSampleId :
PB159054BS

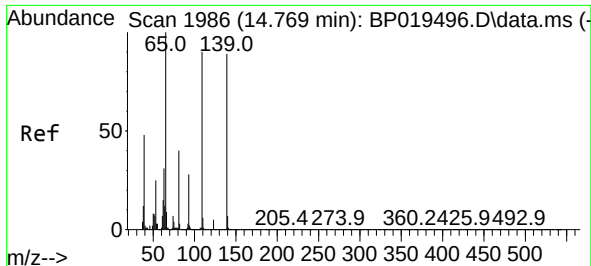
Tgt Ion:184 Resp: 159039
Ion Ratio Lower Upper
184 100
63 61.4 50.5 75.7
154 69.0 53.4 80.0



#55
Dibenzofuran
Concen: 43.945 ng
RT: 14.940 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:168 Resp: 700169
Ion Ratio Lower Upper
168 100
139 39.0 31.5 47.3
169 13.4 10.3 15.5

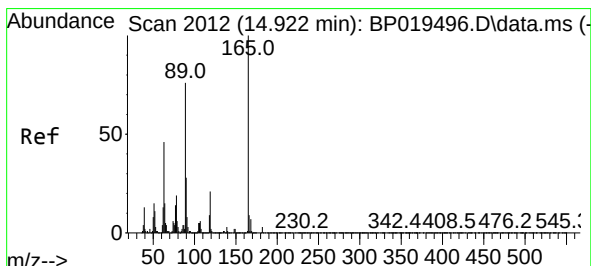
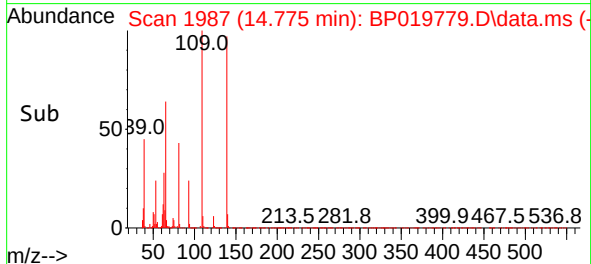
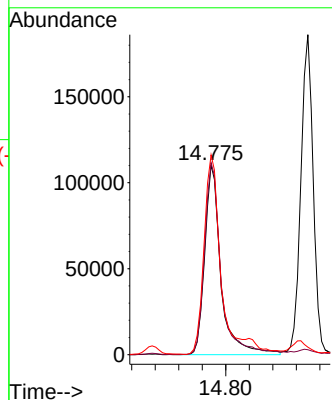
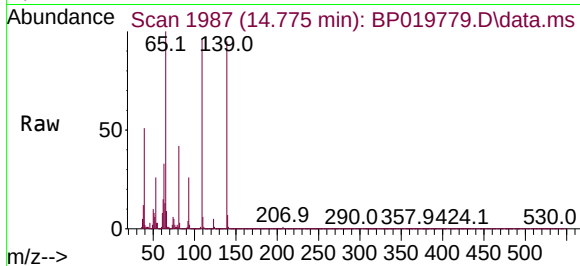




#56
4-Nitrophenol
Concen: 97.421 ng
RT: 14.775 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

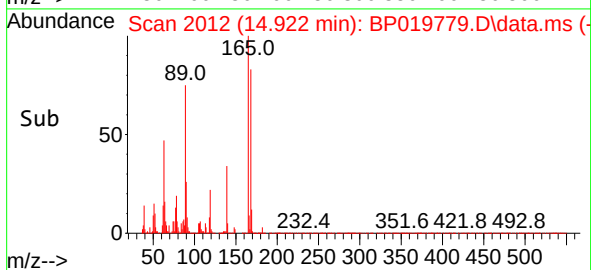
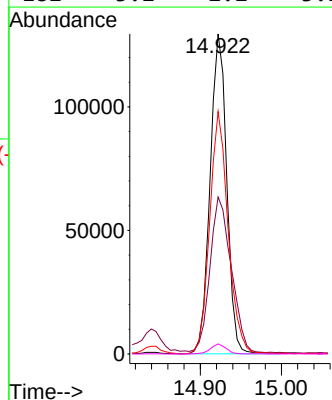
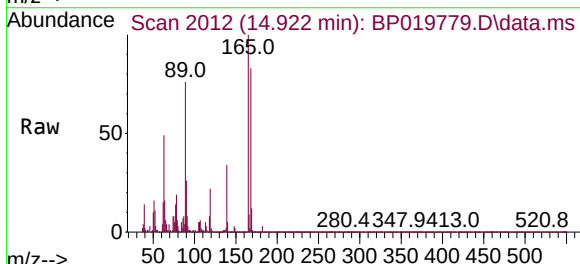
Instrument :
BNA_P
ClientSampleId :
PB159054BS

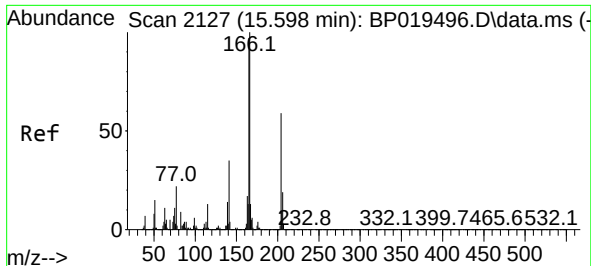
Tgt Ion:139 Resp: 211638
Ion Ratio Lower Upper
139 100
109 101.2 82.0 122.0
65 105.4 92.9 132.9



#57
2,4-Dinitrotoluene
Concen: 48.708 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:165 Resp: 184085
Ion Ratio Lower Upper
165 100
63 49.1 36.9 55.3
89 75.7 61.1 91.7
182 3.2 2.2 3.2

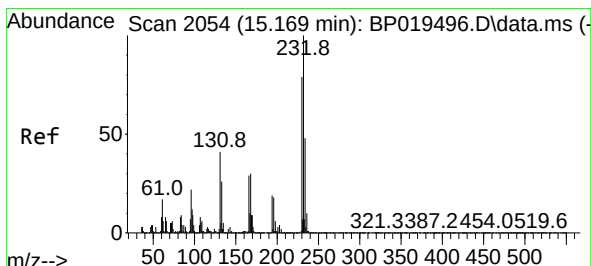
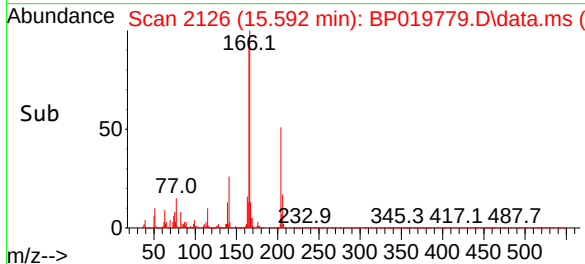
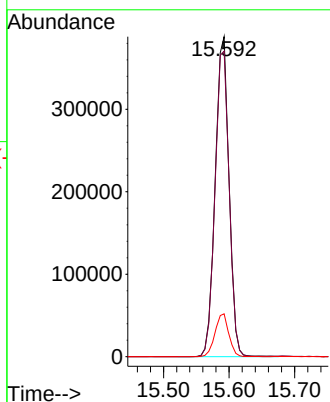
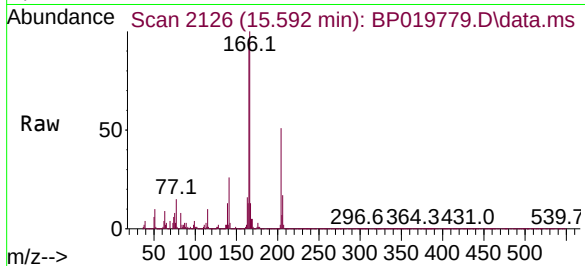




#58
Fluorene
Concen: 44.622 ng
RT: 15.592 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

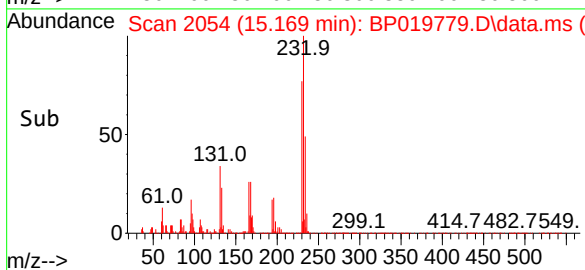
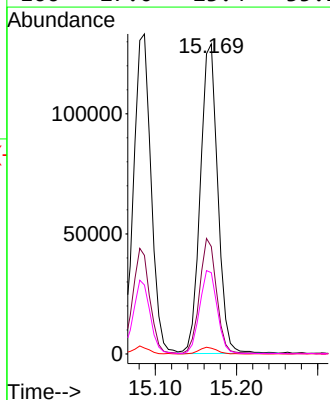
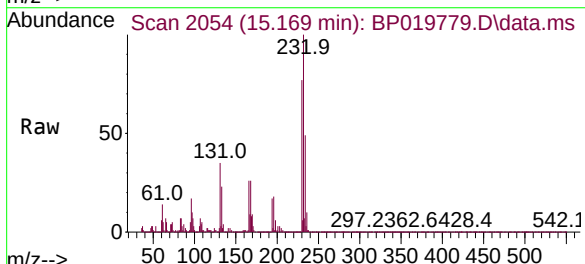
Instrument :
BNA_P
ClientSampleId :
PB159054BS

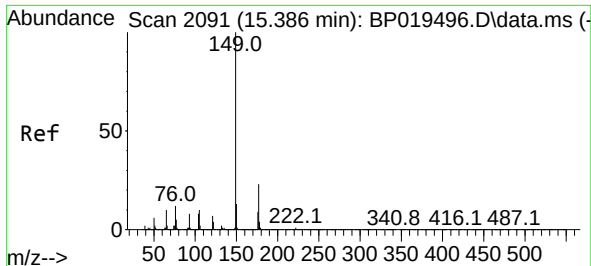
Tgt Ion:166 Resp: 566262
Ion Ratio Lower Upper
166 100
165 95.5 77.8 116.8
167 13.4 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 51.893 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:232 Resp: 191930
Ion Ratio Lower Upper
232 100
131 36.2 32.4 48.6
130 2.2 1.9 2.9
166 27.0 23.4 35.2

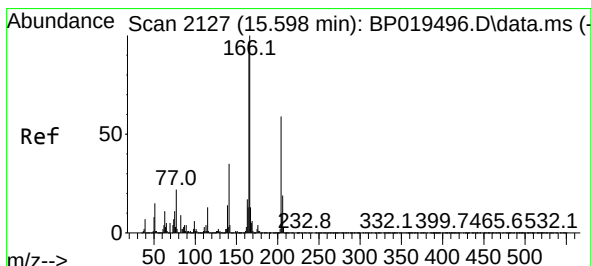
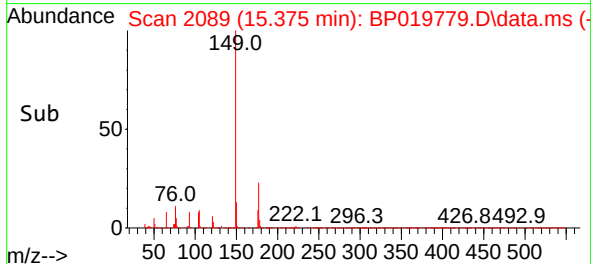
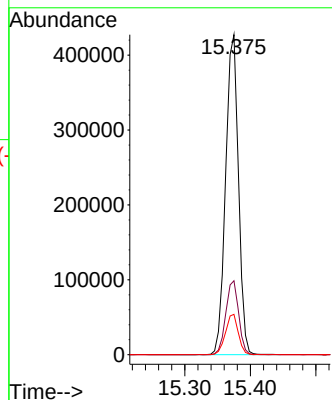
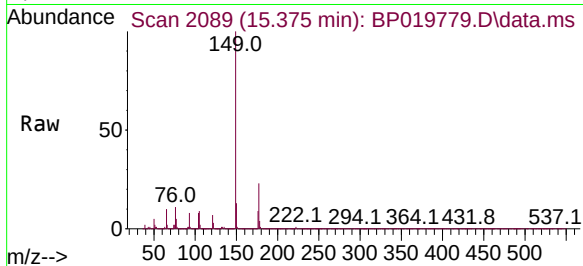




#60
Diethylphthalate
Concen: 44.250 ng
RT: 15.375 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

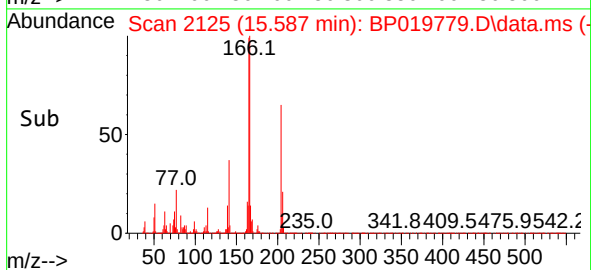
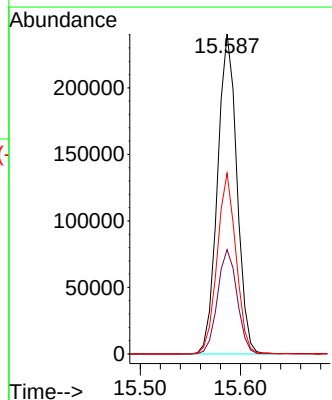
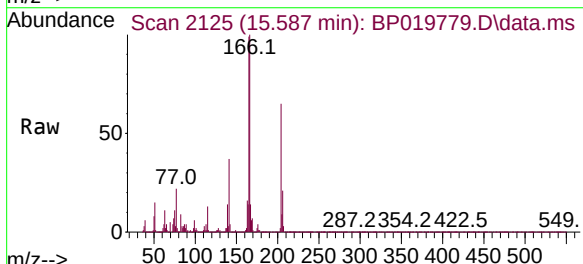
Instrument :
BNA_P
ClientSampleId :
PB159054BS

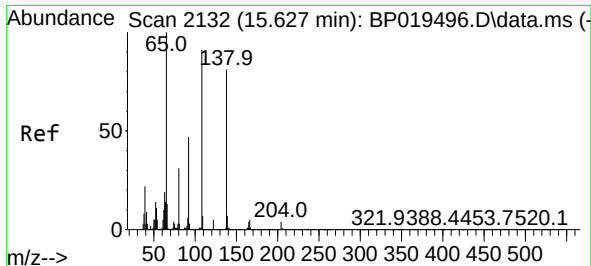
Tgt Ion:149 Resp: 577761
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.6 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 45.187 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:204 Resp: 322294
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 56.5 48.5 72.7

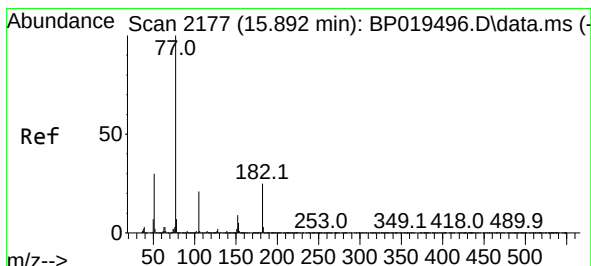
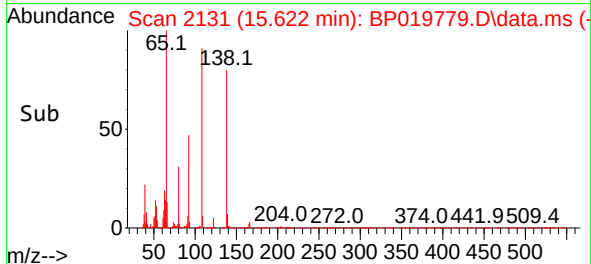
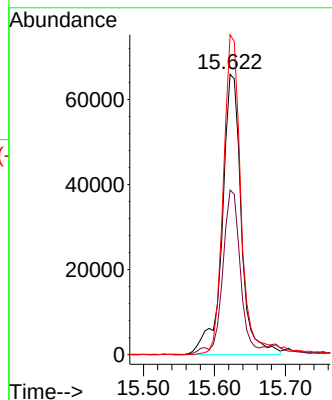
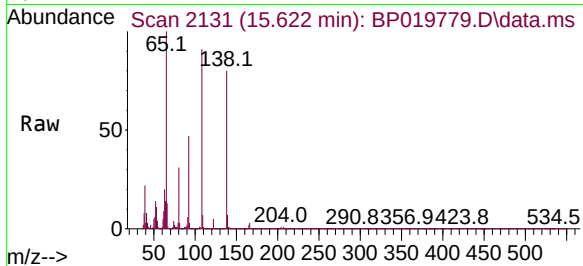




#62
4-Nitroaniline
Concen: 44.075 ng
RT: 15.622 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

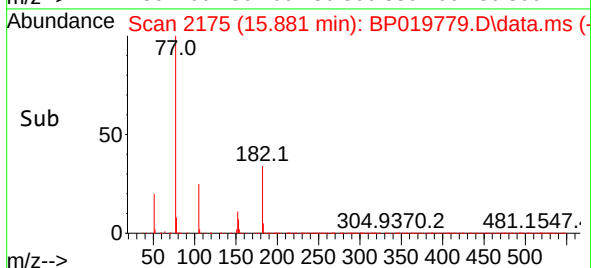
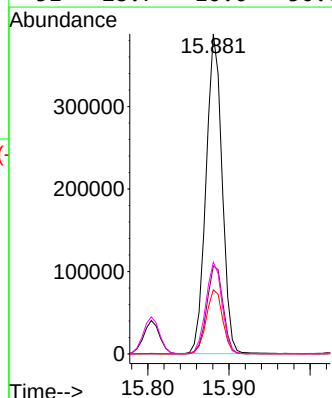
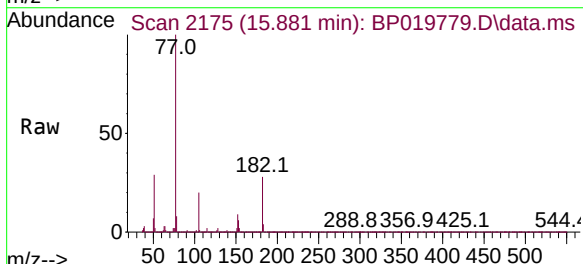
Instrument :
BNA_P
ClientSampleId :
PB159054BS

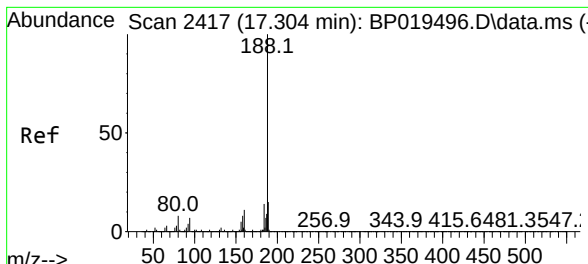
Tgt Ion:138 Resp: 122448
Ion Ratio Lower Upper
138 100
92 58.7 38.3 78.3
108 114.1 91.2 131.2



#63
Azobenzene
Concen: 42.096 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion: 77 Resp: 531503
Ion Ratio Lower Upper
77 100
182 27.5 5.1 45.1
105 20.1 0.8 40.8
51 28.7 10.0 50.0

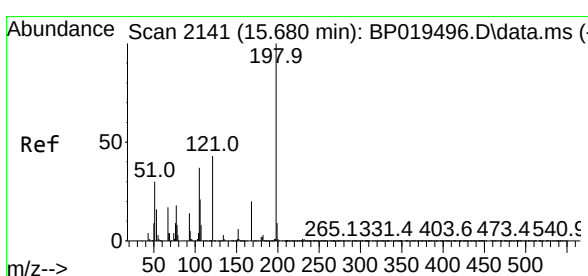
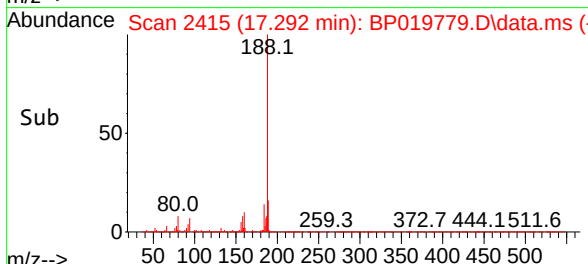
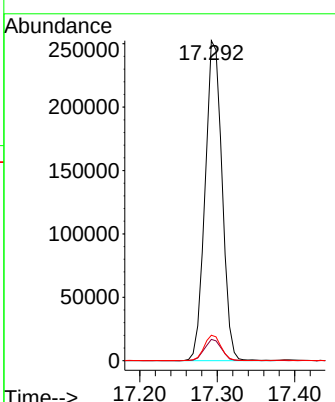
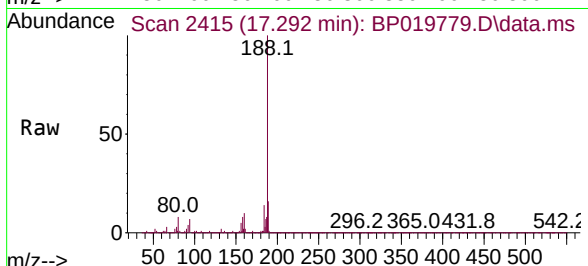




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.292 min Scan# 2415
 Delta R.T. 0.000 min
 Lab File: BP019779.D
 Acq: 20 Feb 2024 11:18

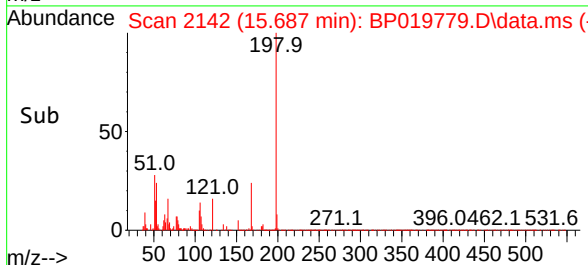
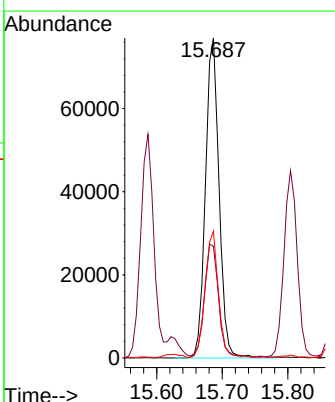
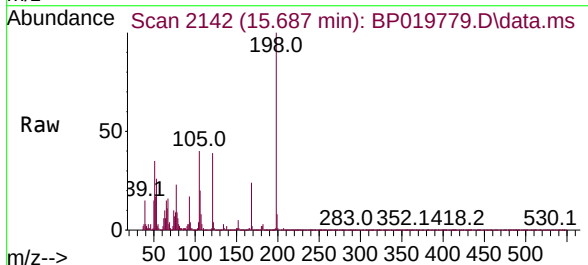
Instrument :
 BNA_P
 ClientSampleId :
 PB159054BS

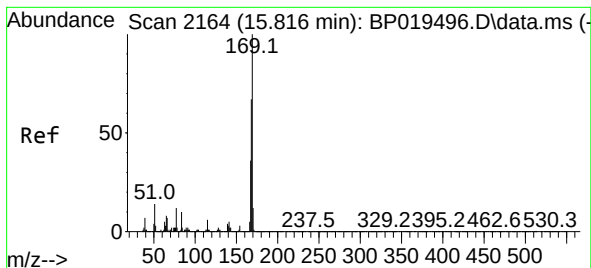
Tgt Ion:	188	Resp:	382638
Ion Ratio	Lower	Upper	
188	100		
94	6.6	5.4	8.2
80	8.0	6.3	9.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.988 ng
 RT: 15.687 min Scan# 2142
 Delta R.T. 0.006 min
 Lab File: BP019779.D
 Acq: 20 Feb 2024 11:18

Tgt Ion:	198	Resp:	111247
Ion Ratio	Lower	Upper	
198	100		
51	34.9	21.2	61.2
105	39.7	19.1	59.1





#66

n-Nitrosodiphenylamine

Concen: 42.924 ng

RT: 15.804 min Scan# 2164

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

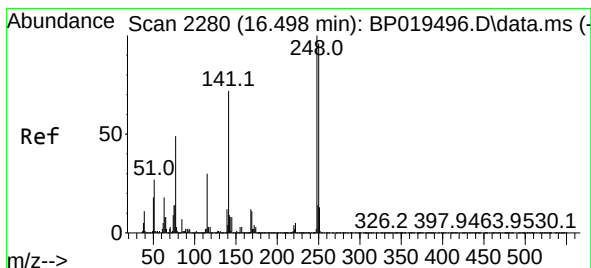
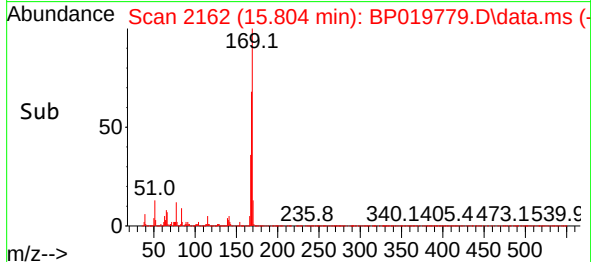
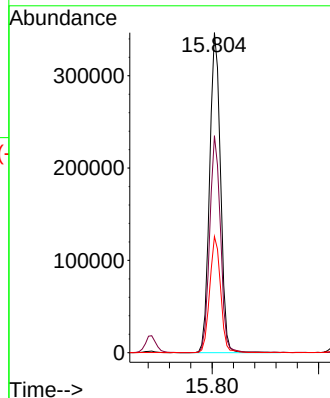
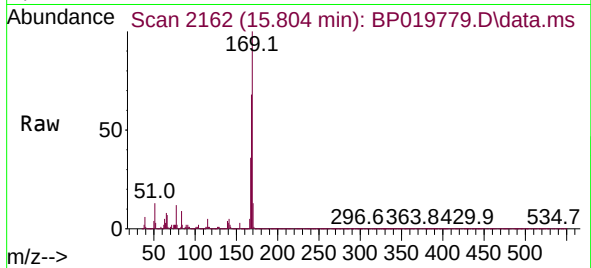
Tgt Ion:169 Resp: 491895

Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.2

167 36.3 28.9 43.3



#67

4-Bromophenyl-phenylether

Concen: 44.769 ng

RT: 16.487 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

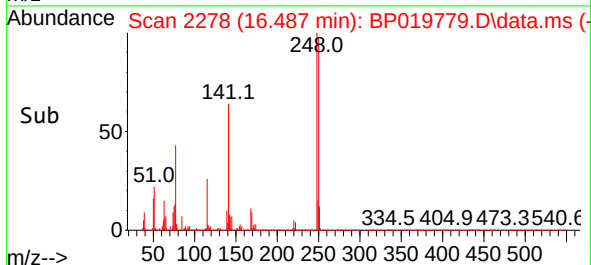
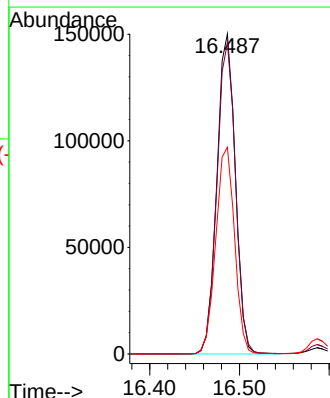
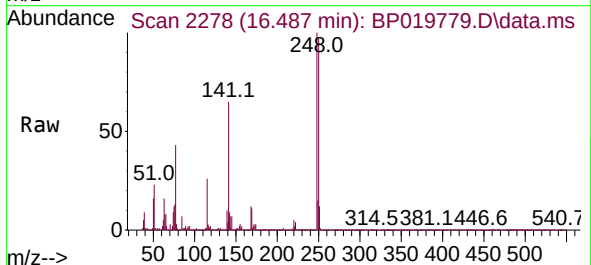
Tgt Ion:248 Resp: 214150

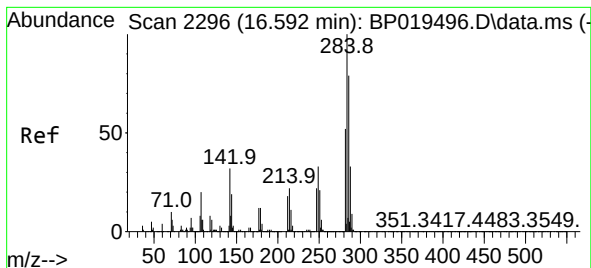
Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

141 64.6 58.0 87.0





#68

Hexachlorobenzene

Concen: 45.177 ng

RT: 16.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

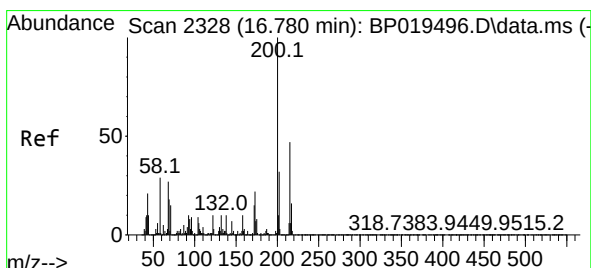
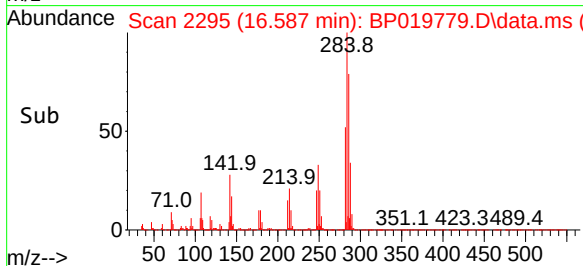
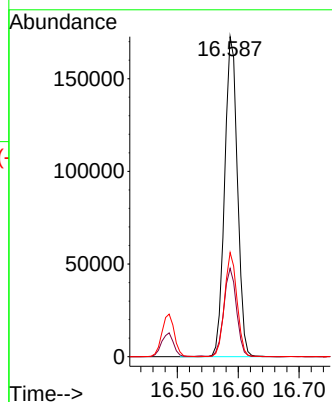
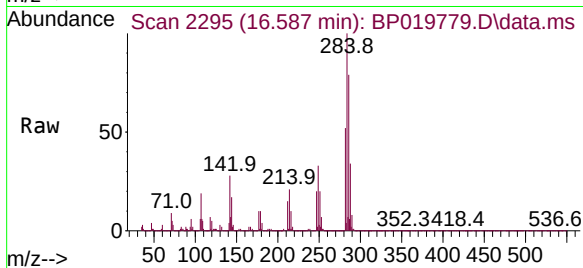
Tgt Ion:284 Resp: 252356

Ion Ratio Lower Upper

284 100

142 27.6 25.4 38.2

249 32.6 26.5 39.7



#69

Atrazine

Concen: 50.955 ng

RT: 16.769 min Scan# 2326

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

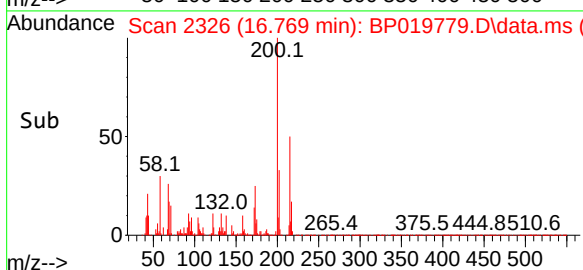
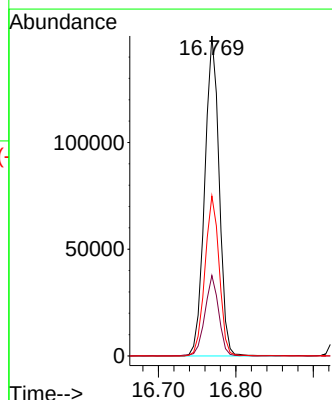
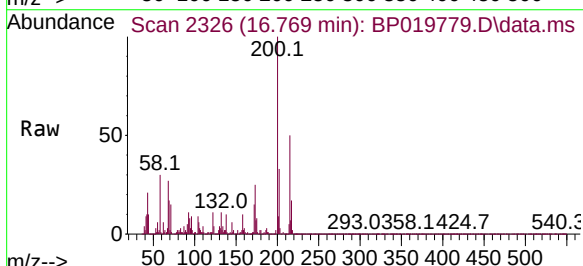
Tgt Ion:200 Resp: 193766

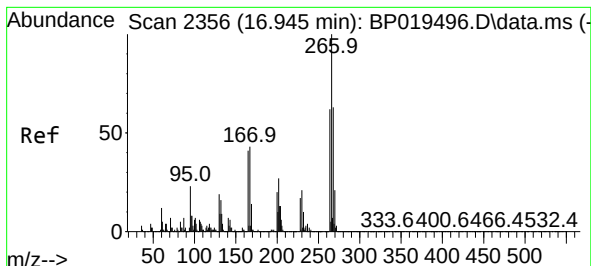
Ion Ratio Lower Upper

200 100

173 25.2 1.7 41.7

215 50.0 26.9 66.9





#70

Pentachlorophenol

Concen: 100.545 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

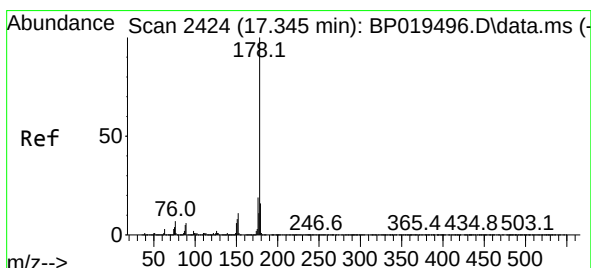
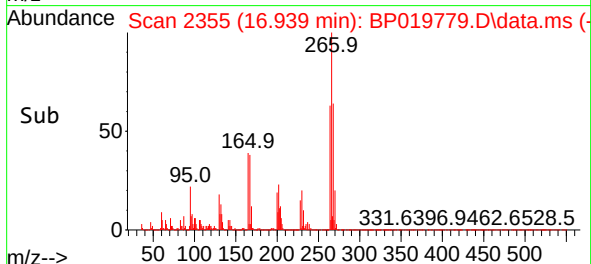
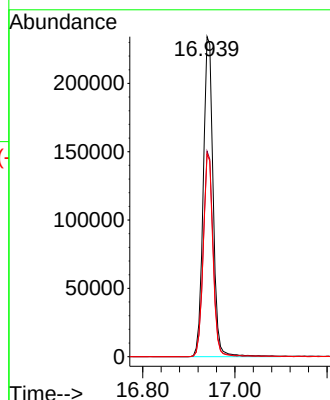
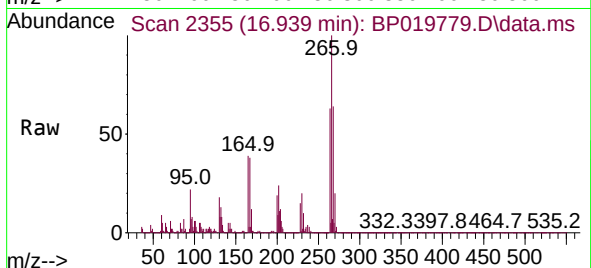
Tgt Ion:266 Resp: 349760

Ion Ratio Lower Upper

266 100

268 64.2 50.3 75.5

264 63.4 49.7 74.5



#71

Phenanthrene

Concen: 45.199 ng

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

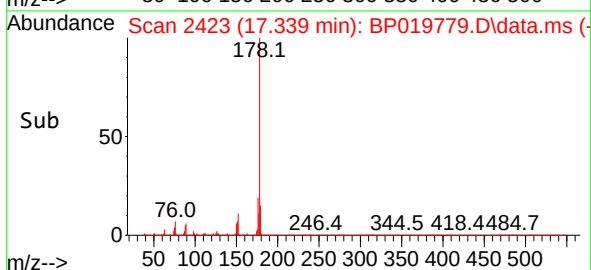
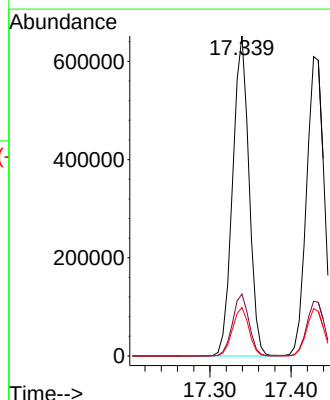
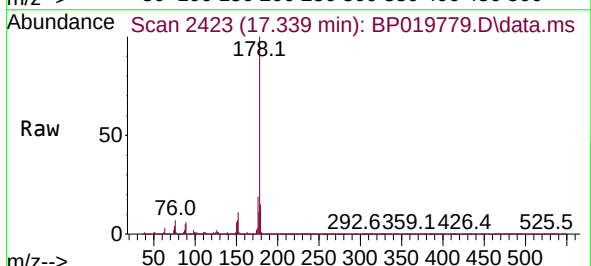
Tgt Ion:178 Resp: 910171

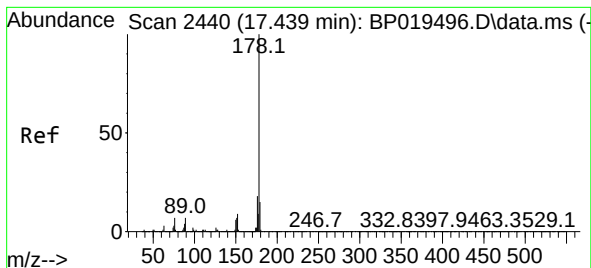
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.1 12.6 19.0





#72

Anthracene

Concen: 45.663 ng

RT: 17.428 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

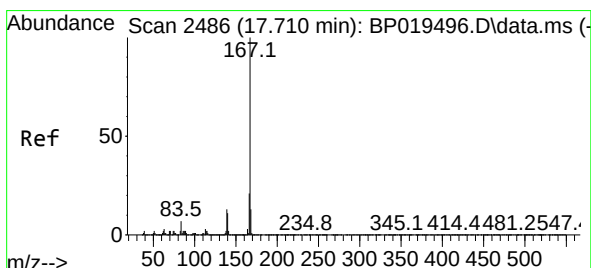
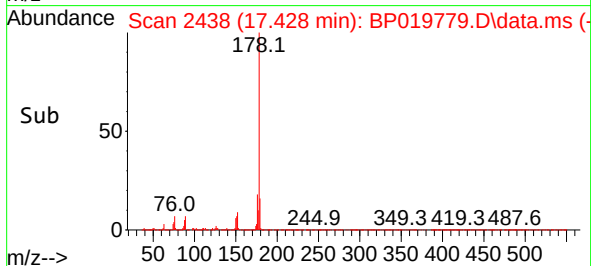
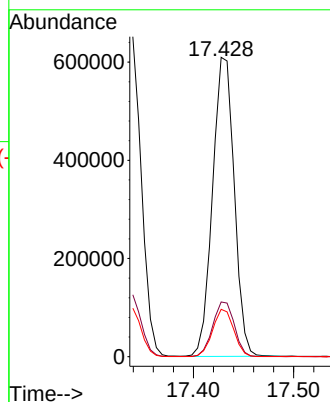
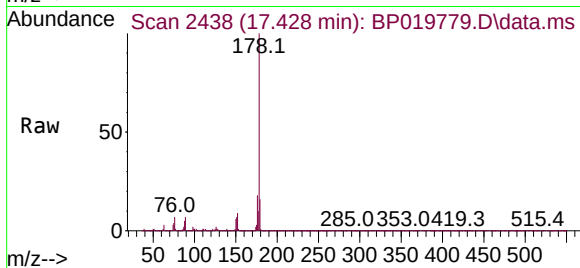
Tgt Ion:178 Resp: 917269

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.8 12.2 18.2



#73

Carbazole

Concen: 45.652 ng

RT: 17.704 min Scan# 2485

Delta R.T. -0.006 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

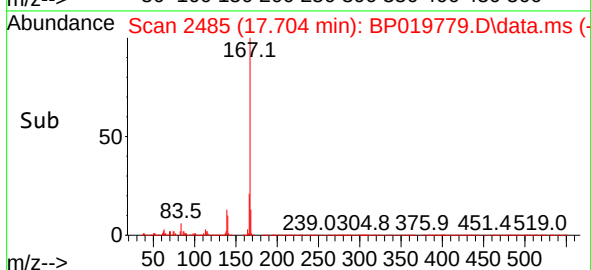
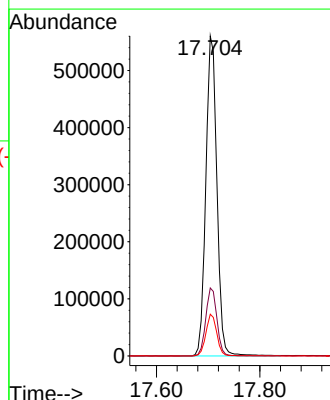
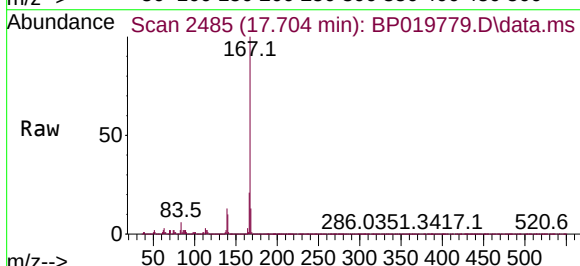
Tgt Ion:167 Resp: 833082

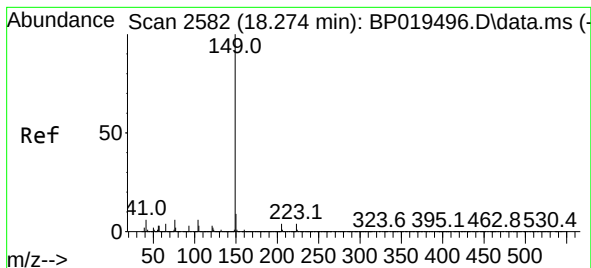
Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.1 10.6 15.8

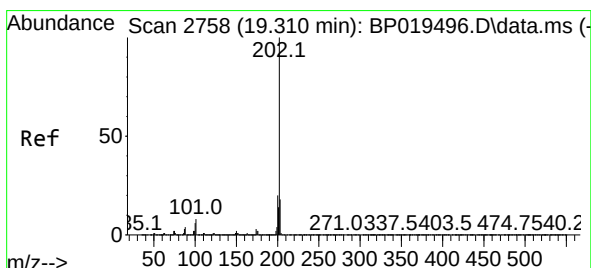
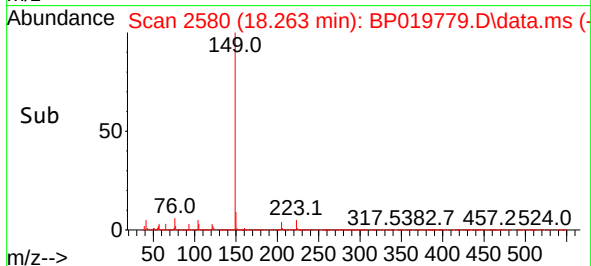
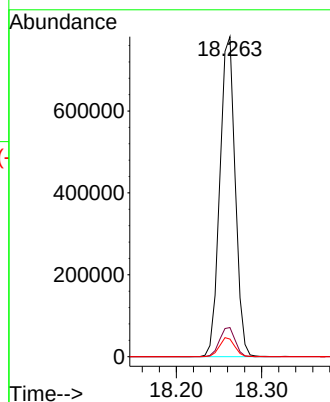
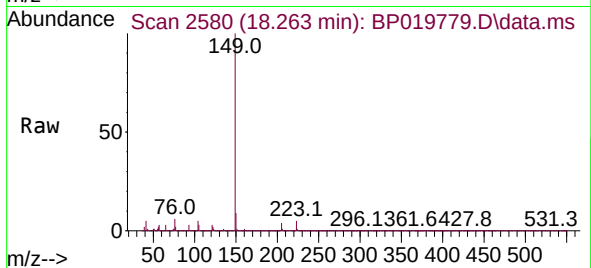




#74
Di-n-butylphthalate
Concen: 44.393 ng
RT: 18.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

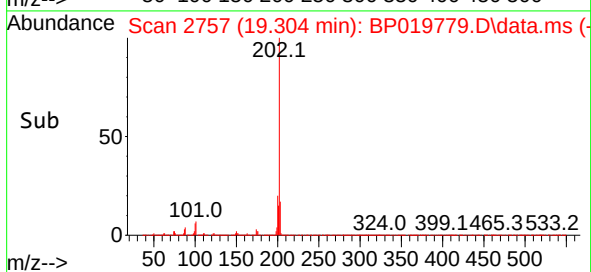
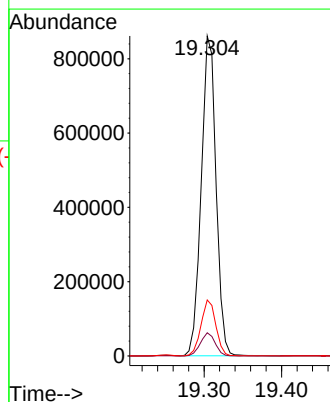
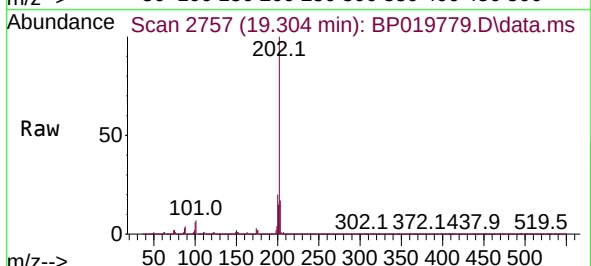
Instrument :
BNA_P
ClientSampleId :
PB159054BS

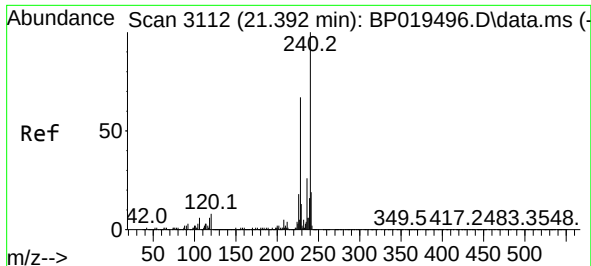
Tgt Ion:149 Resp: 979536
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.5 4.8 7.2



#75
Fluoranthene
Concen: 46.416 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:202 Resp: 1141803
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.7
203 17.5 0.0 37.5

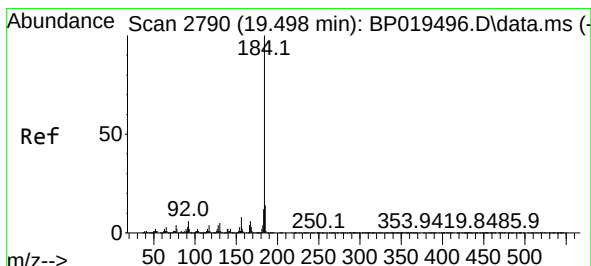
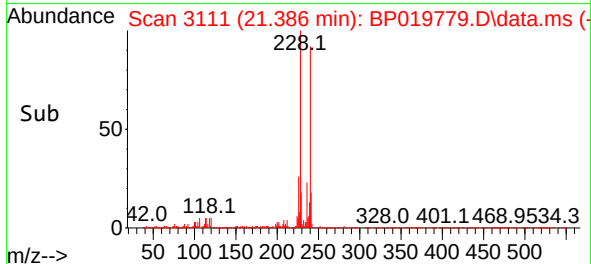
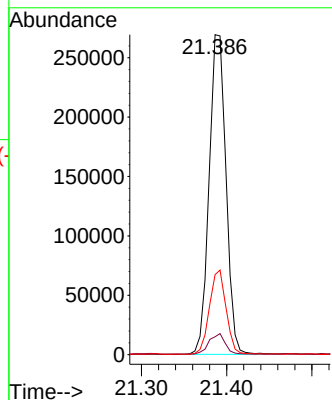
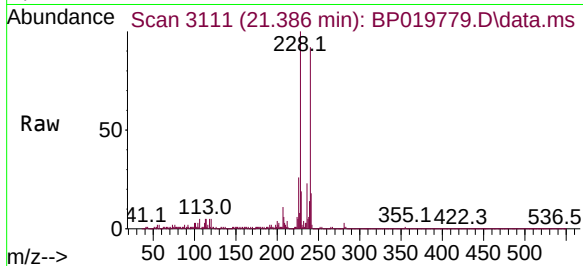




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

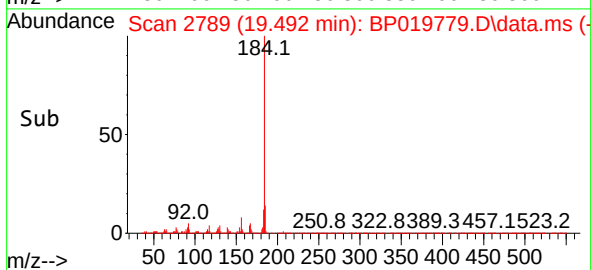
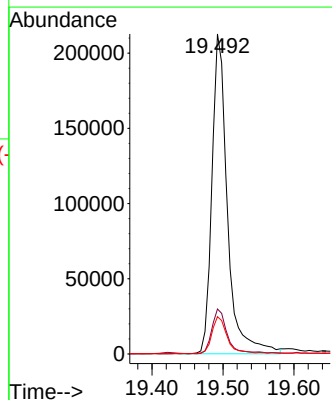
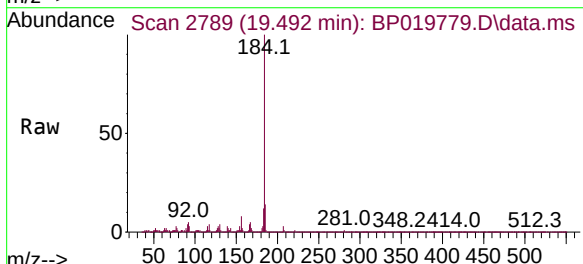
Instrument :
BNA_P
ClientSampleId :
PB159054BS

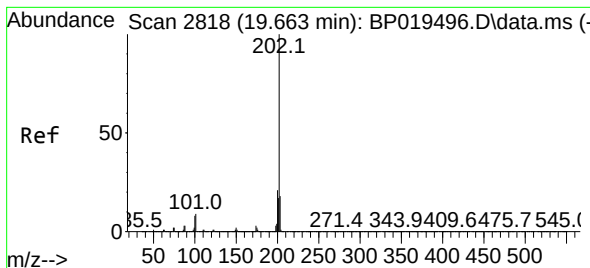
Tgt Ion:240 Resp: 371408
Ion Ratio Lower Upper
240 100
120 5.6 6.1 9.1#
236 25.0 20.7 31.1



#77
Benzidine
Concen: 41.482 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:184 Resp: 322104
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 11.6 9.7 14.5





#78

Pyrene

Concen: 44.484 ng

RT: 19.657 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

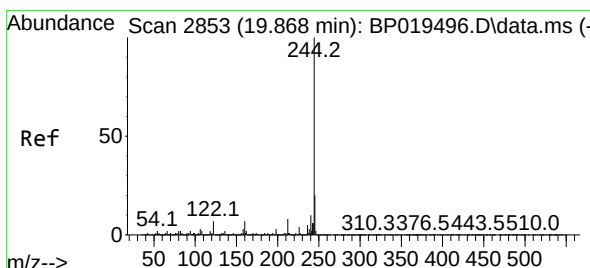
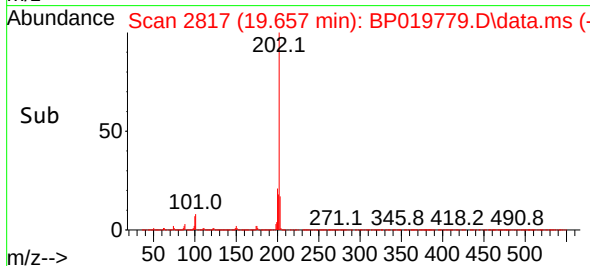
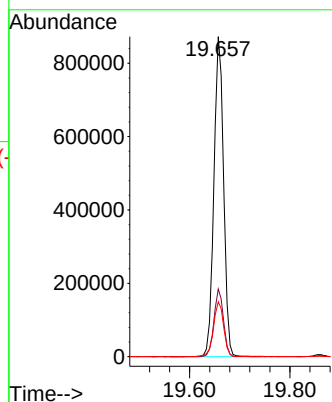
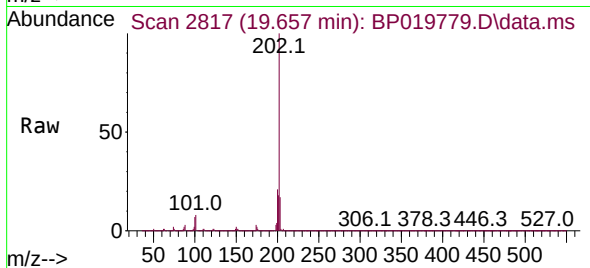
BNA_P

ClientSampleId :

PB159054BS

Tgt Ion:202 Resp: 1166025

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.1	14.2	21.2



#79

Terphenyl-d14

Concen: 89.391 ng

RT: 19.857 min Scan# 2851

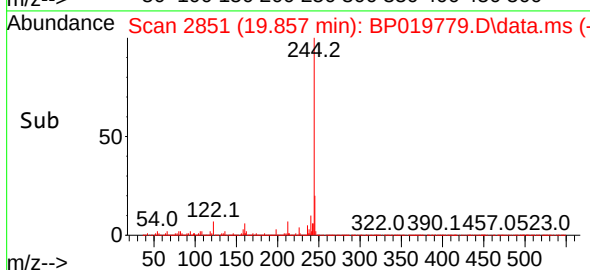
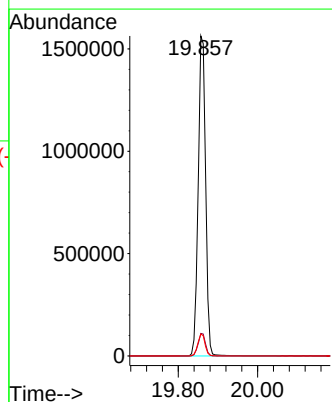
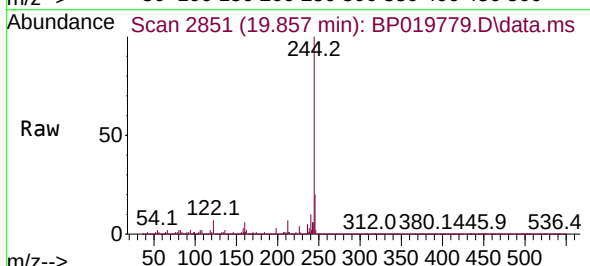
Delta R.T. -0.006 min

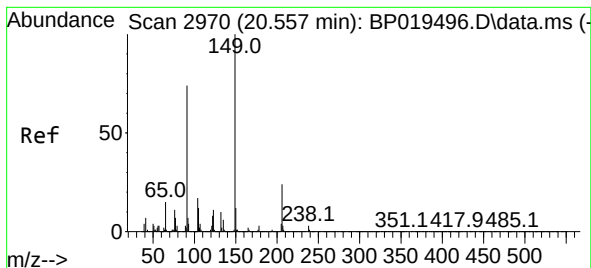
Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Tgt Ion:244 Resp: 2018827

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	6.8	5.9	8.9





#80

Butylbenzylphthalate

Concen: 44.386 ng

RT: 20.545 min Scan# 29

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

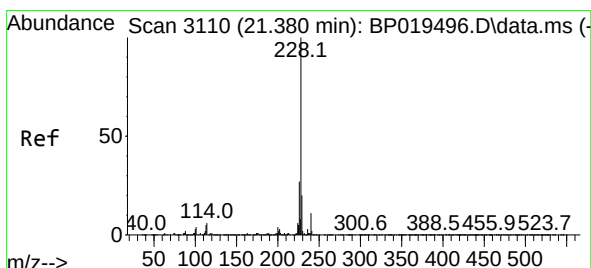
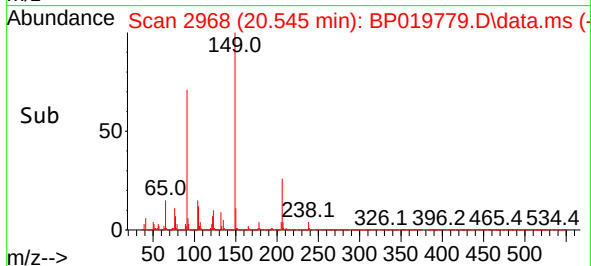
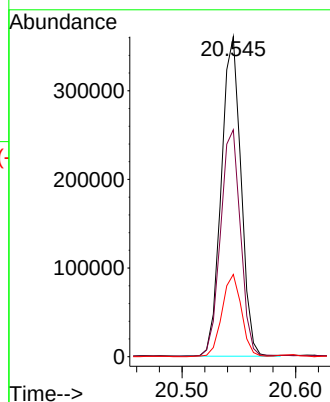
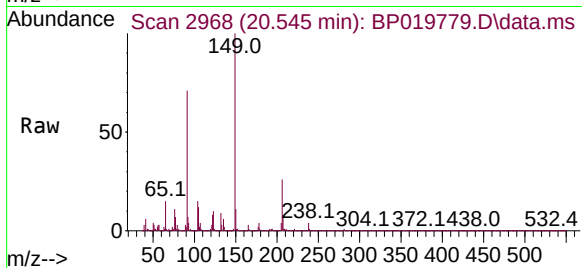
Tgt Ion:149 Resp: 434486

Ion Ratio Lower Upper

149 100

91 70.9 59.4 89.0

206 25.7 19.0 28.6



#81

Benzo(a)anthracene

Concen: 45.215 ng

RT: 21.375 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

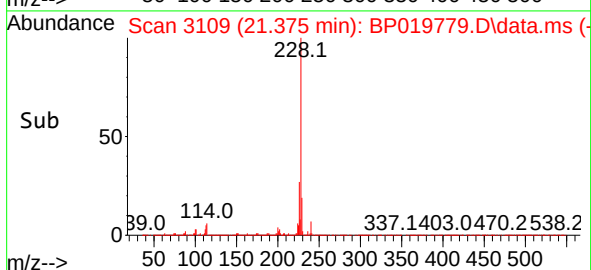
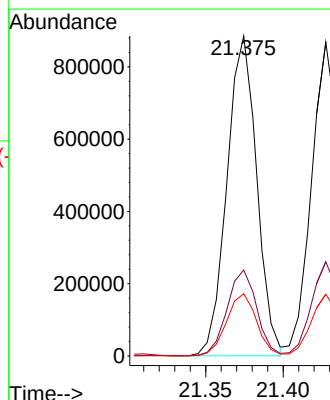
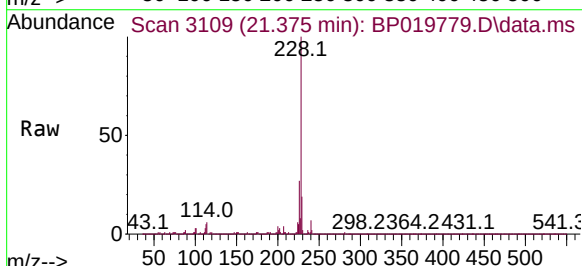
Tgt Ion:228 Resp: 1182118

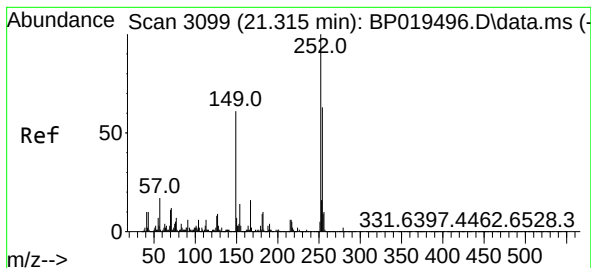
Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.5 15.6 23.4





#82

3,3'-Dichlorobenzidine

Concen: 39.080 ng

RT: 21.310 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

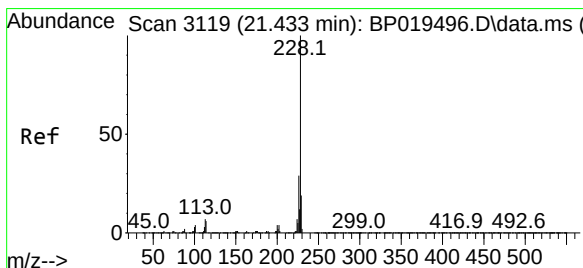
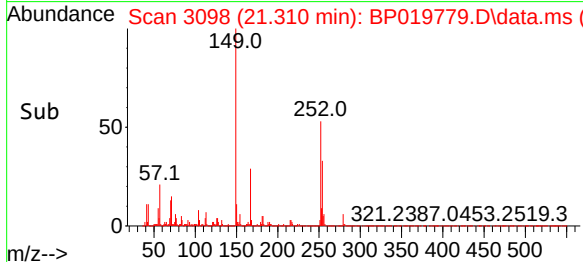
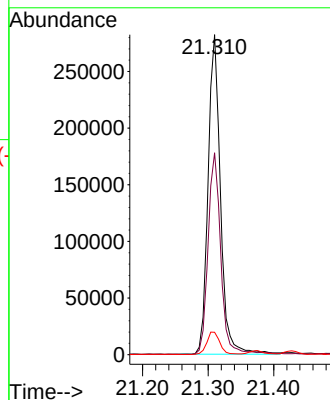
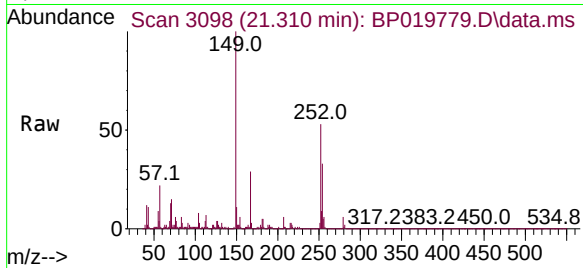
Tgt Ion:252 Resp: 372316

Ion Ratio Lower Upper

252 100

254 63.1 50.7 76.1

126 7.0 6.4 9.6



#83

Chrysene

Concen: 44.199 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

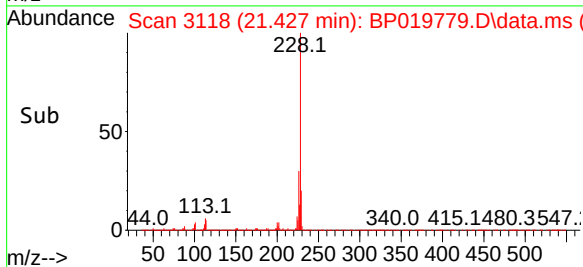
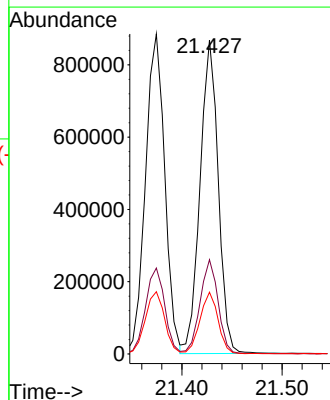
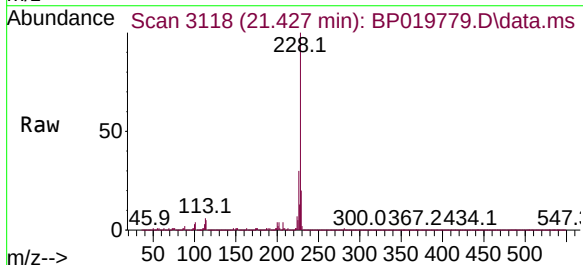
Tgt Ion:228 Resp: 1097083

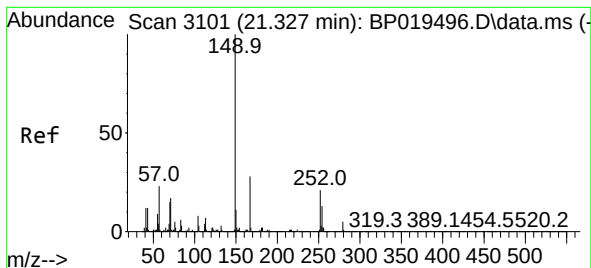
Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

229 19.7 15.6 23.4

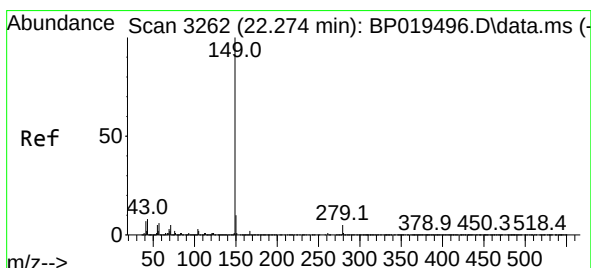
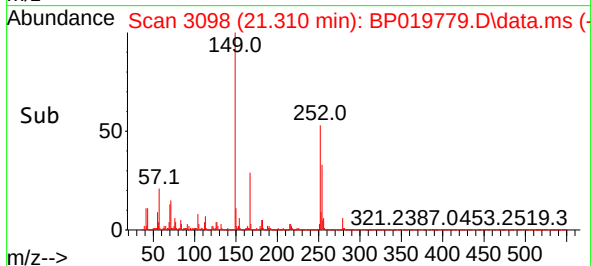
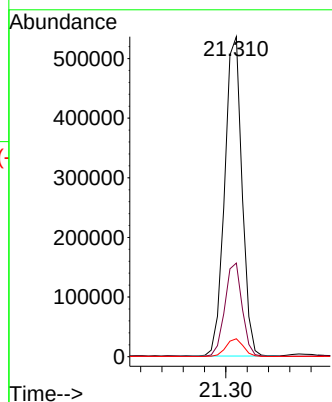
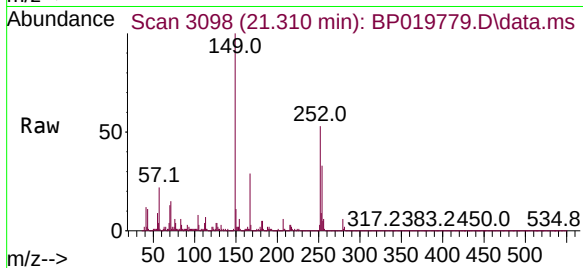




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.410 ng
 RT: 21.310 min Scan# 3098
 Delta R.T. 0.000 min
 Lab File: BP019779.D
 Acq: 20 Feb 2024 11:18

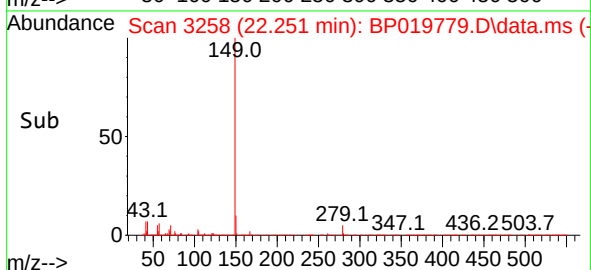
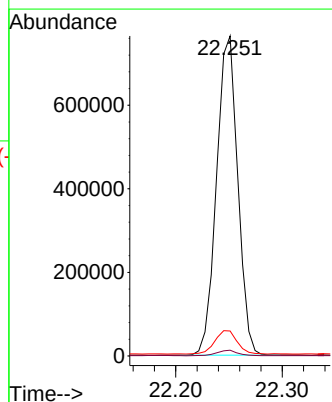
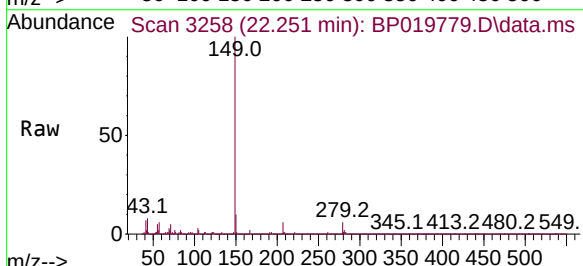
Instrument :
 BNA_P
 ClientSampleId :
 PB159054BS

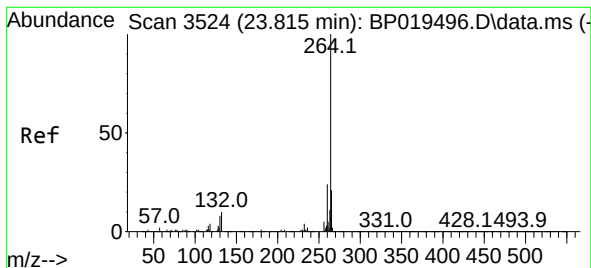
Tgt Ion:149 Resp: 602346
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.7 34.1
 279 5.6 4.2 6.2



#85
 Di-n-octyl phthalate
 Concen: 40.232 ng
 RT: 22.251 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: BP019779.D
 Acq: 20 Feb 2024 11:18

Tgt Ion:149 Resp: 1055127
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 7.8 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

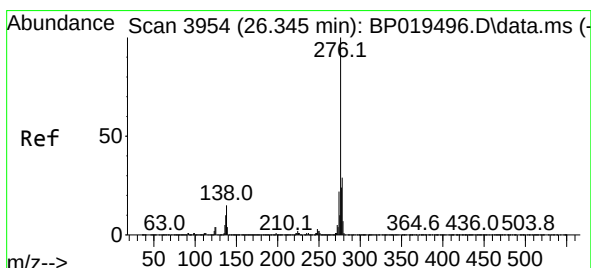
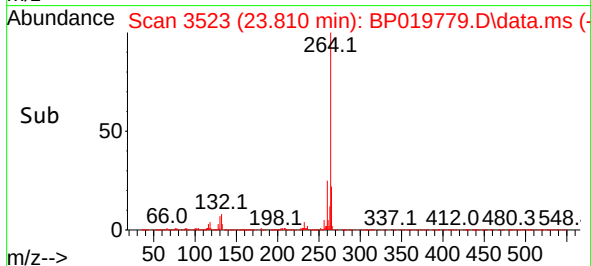
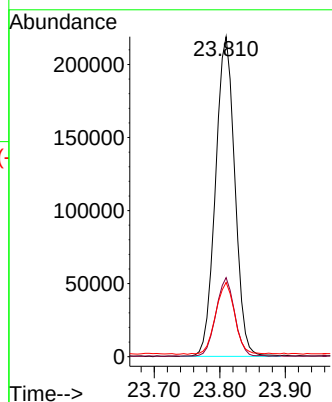
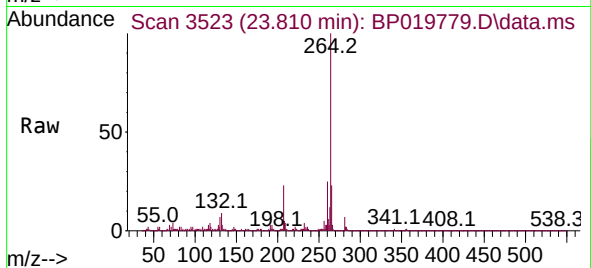
Tgt Ion:264 Resp: 447089

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 23.2 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.353 ng

RT: 26.351 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

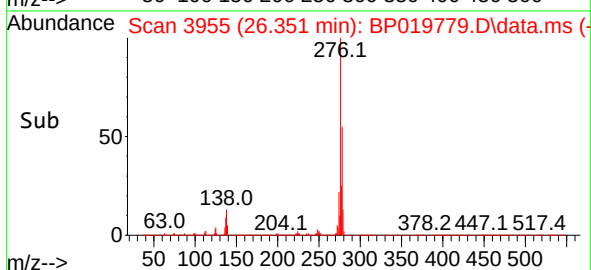
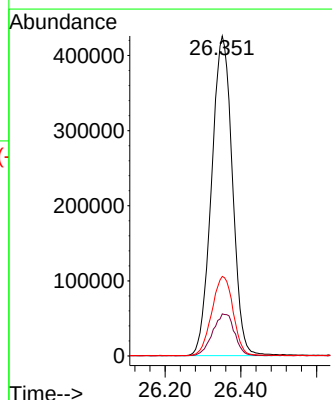
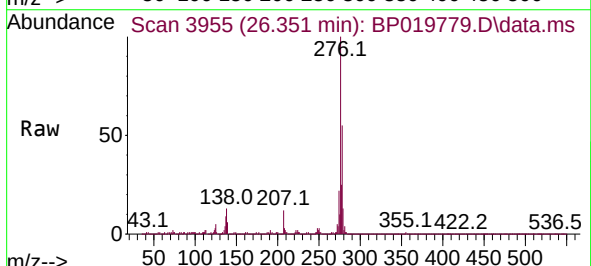
Tgt Ion:276 Resp: 1620552

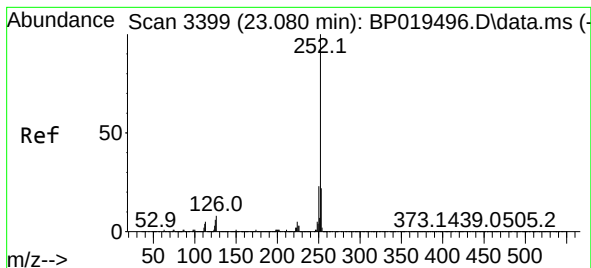
Ion Ratio Lower Upper

276 100

138 13.7 13.1 19.7

277 25.6 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 45.357 ng

RT: 23.074 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

Instrument :

BNA_P

ClientSampleId :

PB159054BS

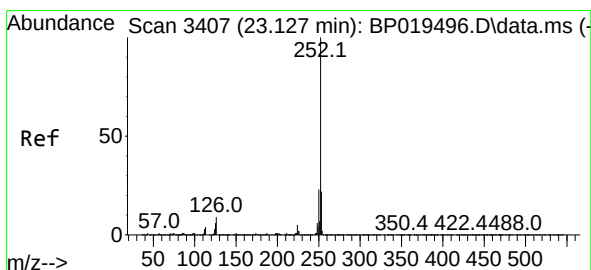
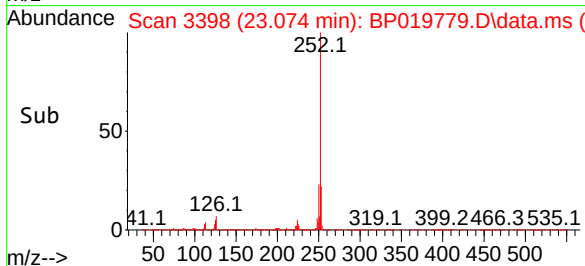
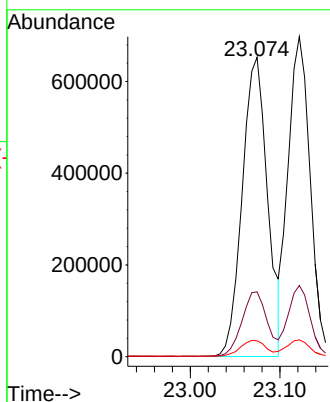
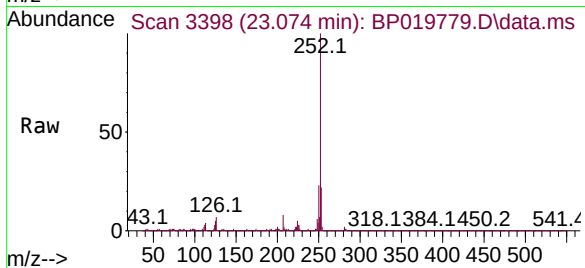
Tgt Ion:252 Resp: 1278063

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 5.3 4.9 7.3



#89

Benzo(k)fluoranthene

Concen: 44.268 ng

RT: 23.121 min Scan# 3406

Delta R.T. 0.000 min

Lab File: BP019779.D

Acq: 20 Feb 2024 11:18

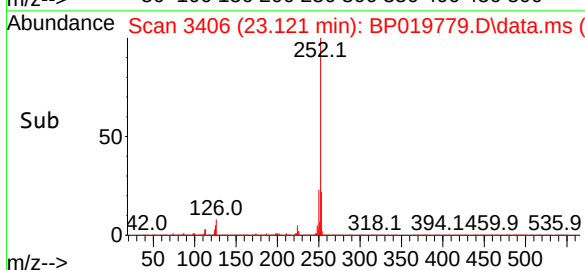
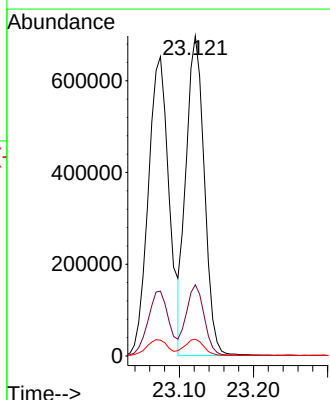
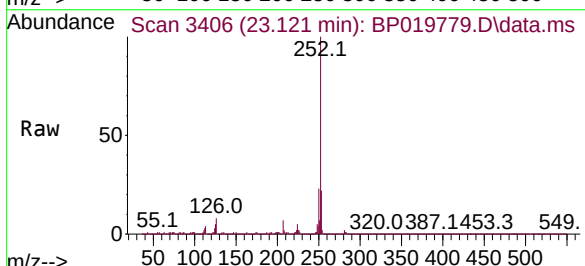
Tgt Ion:252 Resp: 1191533

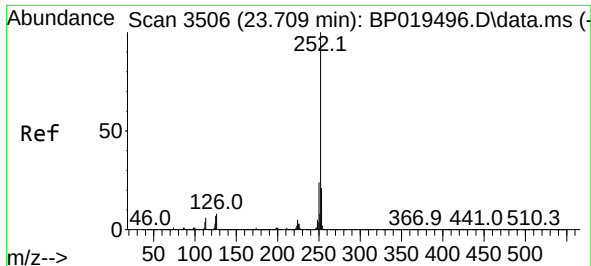
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 5.2 5.0 7.6

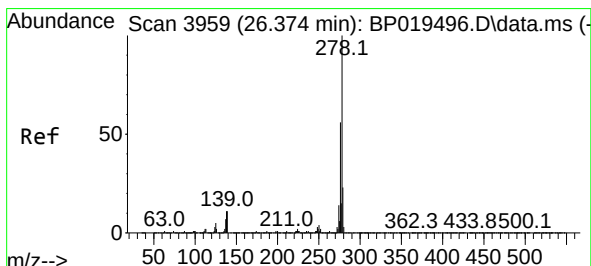
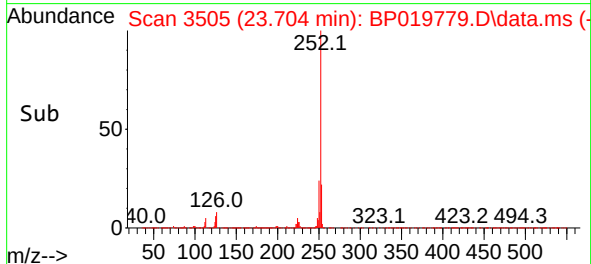
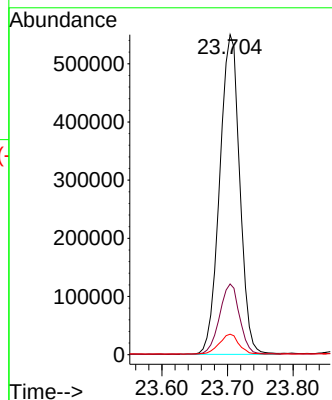
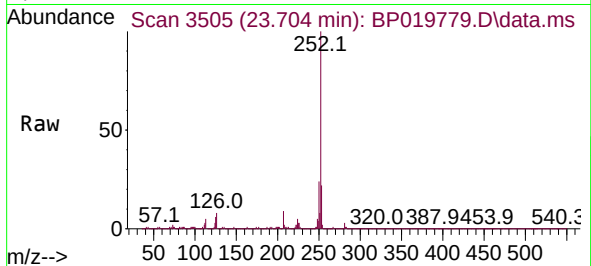




#90
Benzo(a)pyrene
Concen: 46.410 ng
RT: 23.704 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

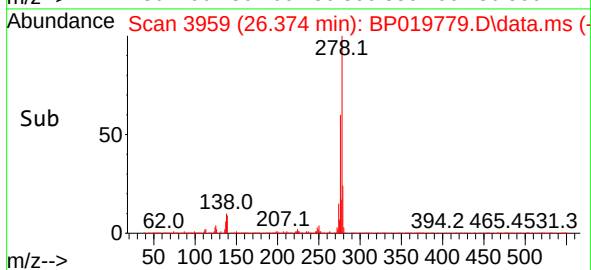
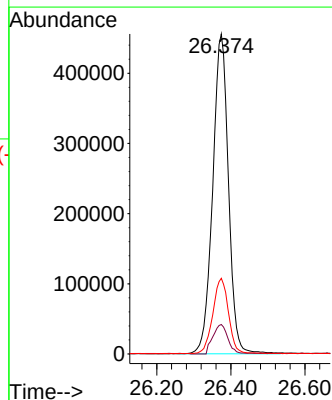
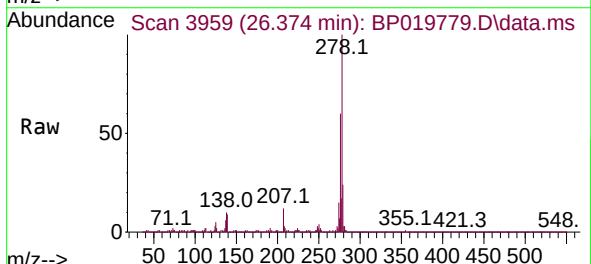
Instrument :
BNA_P
ClientSampleId :
PB159054BS

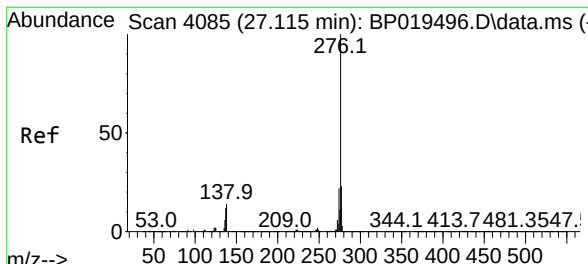
Tgt Ion:252 Resp: 1163587
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 6.4 5.6 8.4



#91
Dibenzo(a,h)anthracene
Concen: 47.807 ng
RT: 26.374 min Scan# 3959
Delta R.T. 0.006 min
Lab File: BP019779.D
Acq: 20 Feb 2024 11:18

Tgt Ion:278 Resp: 1345631
Ion Ratio Lower Upper
278 100
139 9.2 8.6 12.8
279 23.6 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 44.980 ng
 RT: 27.127 min Scan# 4087
 Delta R.T. 0.006 min
 Lab File: BP019779.D
 Acq: 20 Feb 2024 11:18

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BS

Tgt Ion: 276 Resp: 1284411

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	11.7	10.9	16.3

