

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
 Data File : BP019577.D
 Acq On : 06 Feb 2024 17:01
 Operator : MA/JU
 Sample : PB158822BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158822BS

Quant Time: Feb 07 01:05:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	83955	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	313307	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	187169	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	367163	20.000	ng	0.00
76) Chrysene-d12	21.386	240	338103	20.000	ng	0.00
86) Perylene-d12	23.804	264	428262	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	635983	122.108	ng	0.00
7) Phenol-d6	7.081	99	786685	112.019	ng	0.00
23) Nitrobenzene-d5	9.081	82	556547	76.972	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	321686	117.713	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1213335	80.139	ng	-0.01
79) Terphenyl-d14	19.863	244	1650504	80.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	72898	36.328	ng	98
3) Pyridine	3.781	79	183821	33.788	ng	99
4) n-Nitrosodimethylamine	3.705	42	109728	46.326	ng	93
6) Aniline	7.240	93	244026	35.761	ng	99
8) 2-Chlorophenol	7.469	128	228094	42.656	ng	99
9) Benzaldehyde	7.058	77	80692	16.388	ng	97
10) Phenol	7.111	94	292480	41.786	ng	96
11) bis(2-Chloroethyl)ether	7.346	93	218347	40.096	ng	99
12) 1,3-Dichlorobenzene	7.793	146	259881	39.718	ng	98
13) 1,4-Dichlorobenzene	7.946	146	270762	40.845	ng	97
14) 1,2-Dichlorobenzene	8.258	146	254403	39.664	ng	99
15) Benzyl Alcohol	8.158	79	233458	41.605	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	220042	40.408	ng	98
17) 2-Methylphenol	8.358	107	191526	40.644	ng	97
18) Hexachloroethane	8.981	117	103441	40.258	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	185194	38.607	ng	97
20) 3+4-Methylphenols	8.687	107	253055	39.348	ng	98
22) Acetophenone	8.740	105	360833	40.427	ng	98
24) Nitrobenzene	9.122	77	286969	39.419	ng	99
25) Isophorone	9.646	82	481046	38.202	ng	100
26) 2-Nitrophenol	9.828	139	116190	41.858	ng	99
27) 2,4-Dimethylphenol	9.887	122	170419	48.013	ng	100
28) bis(2-Chloroethoxy)met...	10.134	93	284011	39.863	ng	99
29) 2,4-Dichlorophenol	10.358	162	224733	41.885	ng	95
30) 1,2,4-Trichlorobenzene	10.569	180	269674	40.992	ng	100
31) Naphthalene	10.758	128	689819	40.144	ng	99
32) Benzoic acid	10.028	122	128021	37.019	ng	94
33) 4-Chloroaniline	10.881	127	84834	13.350	ng	99
34) Hexachlorobutadiene	11.034	225	197984	40.611	ng	98
35) Caprolactam	11.663	113	53371	35.137	ng	97
36) 4-Chloro-3-methylphenol	11.999	107	222476	38.027	ng	99
37) 2-Methylnaphthalene	12.369	142	476120	40.038	ng	98
38) 1-Methylnaphthalene	12.587	142	447151	38.263	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	323626	44.833	ng	98
41) Hexachlorocyclopentadiene	12.704	237	465474	142.743	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	187523	42.902	ng	98

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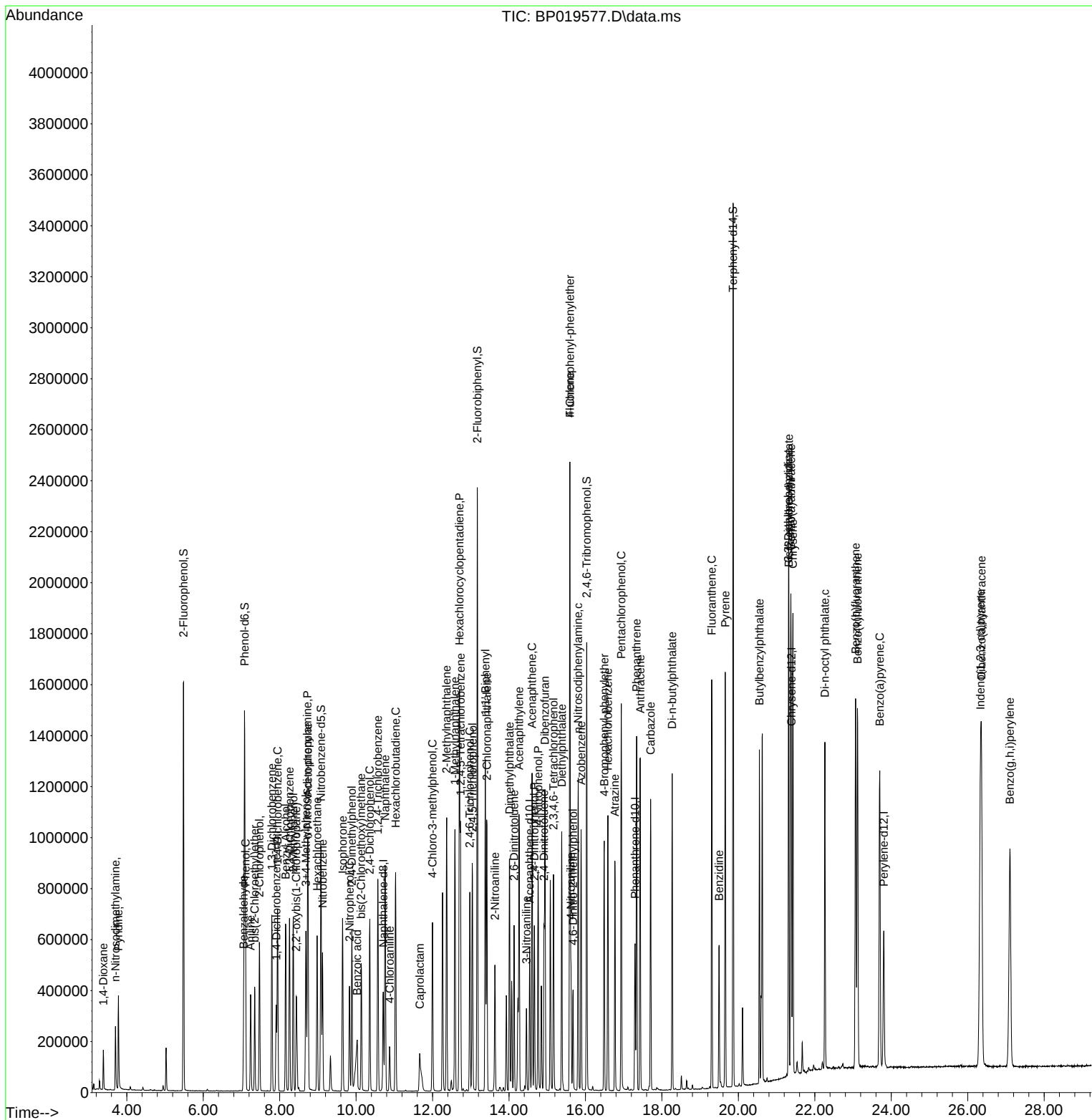
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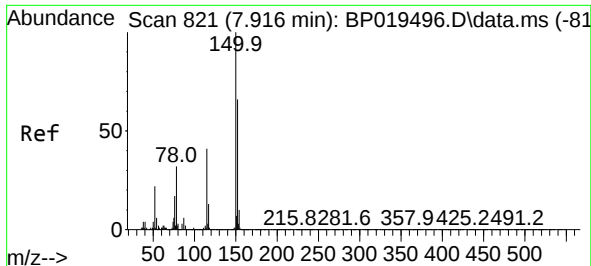
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	194040	40.428	ng	98
46) 1,1'-Biphenyl	13.381	154	636862	42.632	ng	99
47) 2-Chloronaphthalene	13.422	162	504114	41.109	ng	99
48) 2-Nitroaniline	13.634	65	136850	39.910	ng	98
49) Acenaphthylene	14.263	152	764510	44.437	ng	99
50) Dimethylphthalate	14.016	163	577096	40.277	ng	99
51) 2,6-Dinitrotoluene	14.134	165	120872	38.396	ng	98
52) Acenaphthene	14.604	154	436627	40.891	ng	99
53) 3-Nitroaniline	14.457	138	69507	24.026	ng	94
54) 2,4-Dinitrophenol	14.663	184	138004	84.432	ng	97
55) Dibenzofuran	14.940	168	727136	41.811	ng	99
56) 4-Nitrophenol	14.763	139	183540	77.402	ng	96
57) 2,4-Dinitrotoluene	14.916	165	160829	38.986	ng	98
58) Fluorene	15.593	166	568876	41.069	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	172720	42.783	ng	99
60) Diethylphthalate	15.381	149	559592	39.265	ng	100
61) 4-Chlorophenyl-phenyle...	15.593	204	323471	41.549	ng	99
62) 4-Nitroaniline	15.622	138	111370	36.726	ng	97
63) Azobenzene	15.887	77	572429	41.536	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	87699	41.889	ng	98
66) n-Nitrosodiphenylamine	15.810	169	474874	43.186	ng	99
67) 4-Bromophenyl-phenylether	16.493	248	195563	42.606	ng	97
68) Hexachlorobenzene	16.587	284	225761	42.119	ng	98
69) Atrazine	16.769	200	174497	47.822	ng	97
70) Pentachlorophenol	16.940	266	280571	84.055	ng	99
71) Phenanthrene	17.340	178	837756	43.356	ng	99
72) Anthracene	17.434	178	851984	44.201	ng	99
73) Carbazole	17.704	167	713073	40.722	ng	100
74) Di-n-butylphthalate	18.269	149	852253	40.253	ng	100
75) Fluoranthene	19.304	202	952070	40.334	ng	99
77) Benzidine	19.498	184	331419	46.886	ng	99
78) Pyrene	19.657	202	984185	41.245	ng	100
80) Butylbenzylphthalate	20.551	149	352241	39.528	ng	99
81) Benzo(a)anthracene	21.375	228	1032998	43.403	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	314026	36.209	ng	97
83) Chrysene	21.428	228	974538	43.129	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	527899	38.904	ng	100
85) Di-n-octyl phthalate	22.263	149	924813	38.737	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	1556373	47.477	ng	99
88) Benzo(b)fluoranthene	23.069	252	1126887	41.750	ng	100
89) Benzo(k)fluoranthene	23.116	252	1092197	42.361	ng	99
90) Benzo(a)pyrene	23.698	252	1056921	44.009	ng	99
91) Dibenzo(a,h)anthracene	26.357	278	1264487	46.899	ng	99
92) Benzo(g,h,i)perylene	27.104	276	1240303	45.345	ng	99

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

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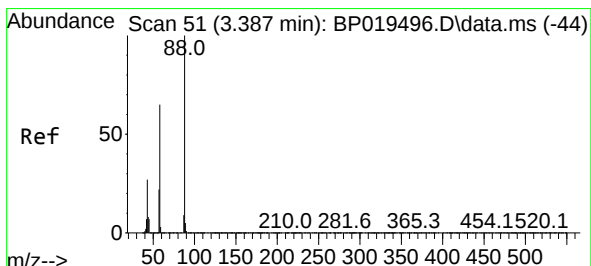
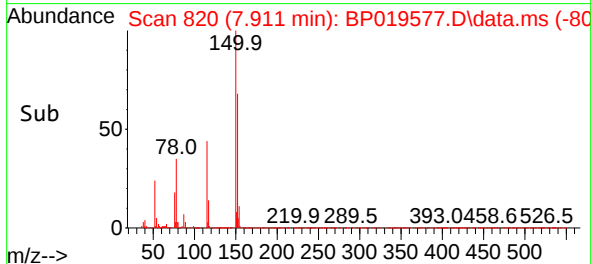
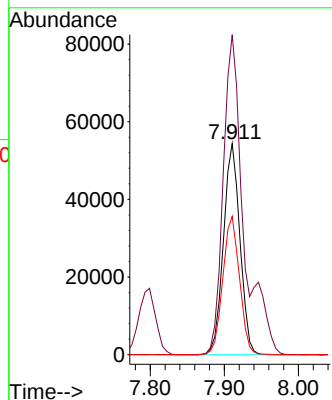
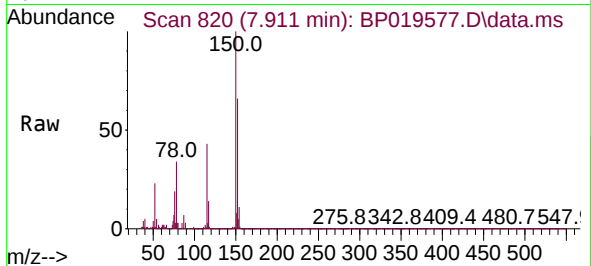




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.911 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP019577.D
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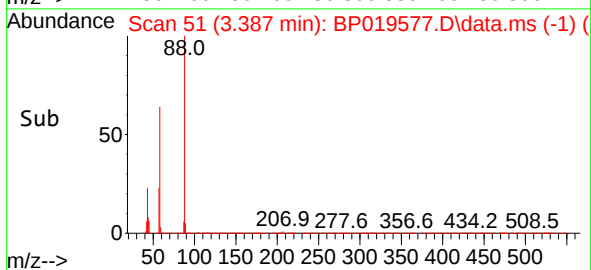
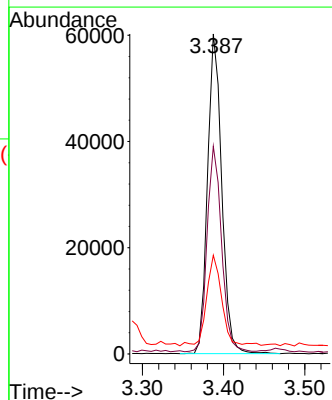
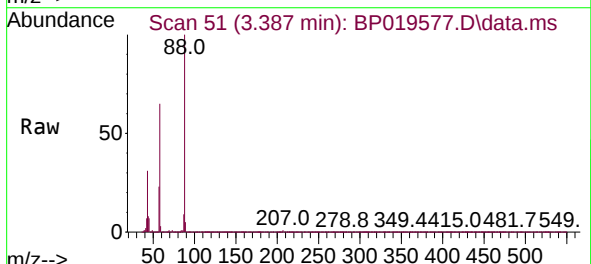
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Tgt Ion:152 Resp: 83955
 Ion Ratio Lower Upper
 152 100
 150 151.5 121.8 182.8
 115 65.4 49.9 74.9



#2
 1,4-Dioxane
 Concen: 36.328 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BP019577.D
 Acq: 06 Feb 2024 17:01

Tgt Ion: 88 Resp: 72898
 Ion Ratio Lower Upper
 88 100
 58 65.4 52.6 78.8
 43 29.7 21.9 32.9

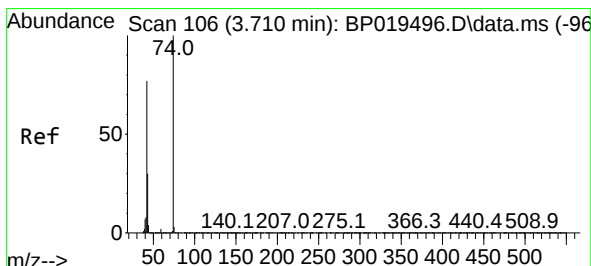
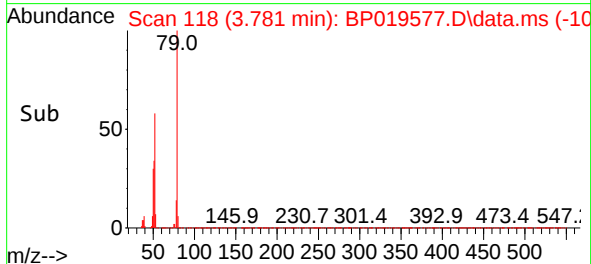
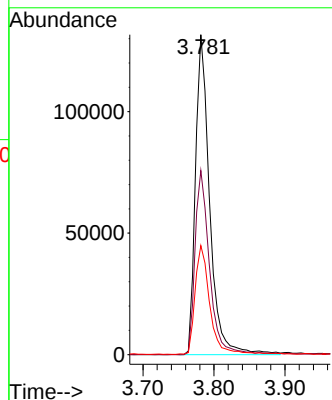
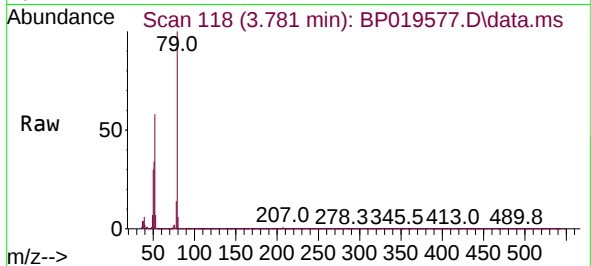




#3
Pyridine
Concen: 33.788 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

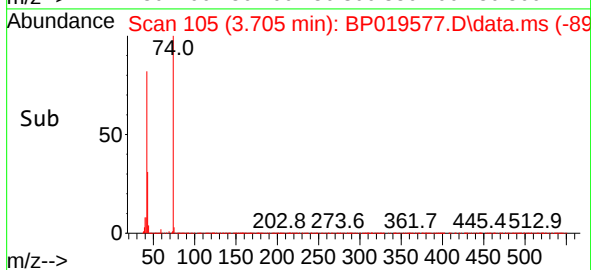
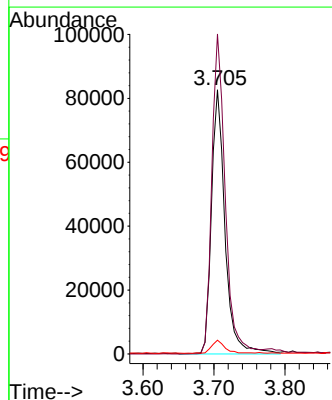
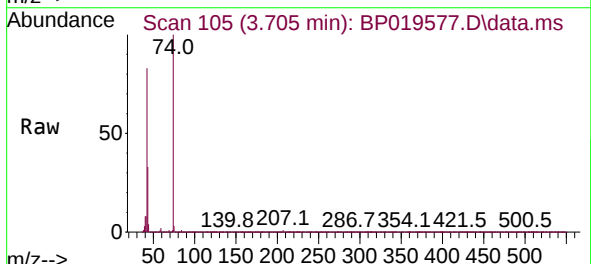
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ClientSampleId :
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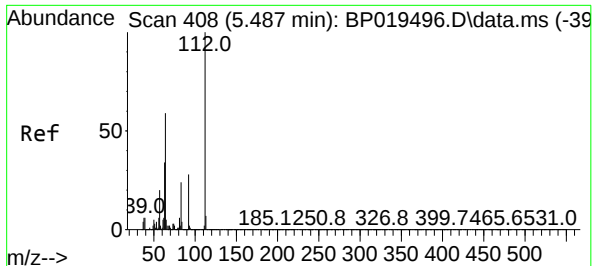
Tgt Ion: 79 Resp: 183821
Ion Ratio Lower Upper
79 100
52 57.6 45.0 67.6
51 34.1 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 46.326 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 42 Resp: 109728
Ion Ratio Lower Upper
42 100
74 121.1 103.4 155.2
44 5.2 4.8 7.2

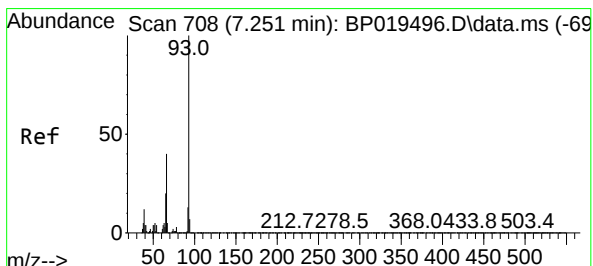
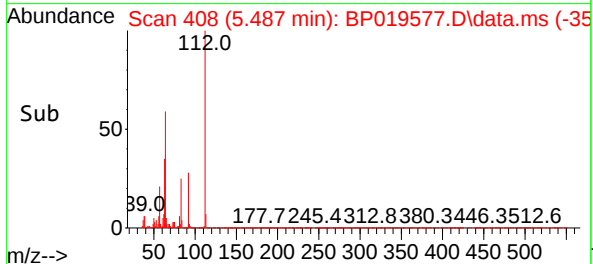
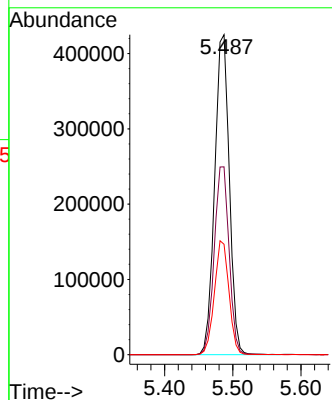
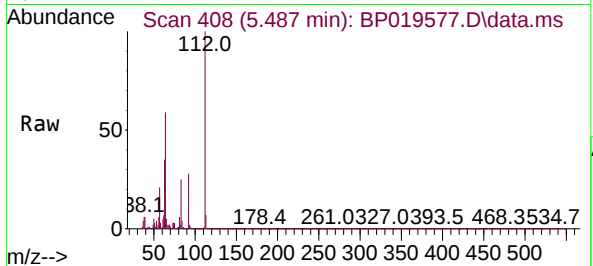




#5
2-Fluorophenol
Concen: 122.108 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

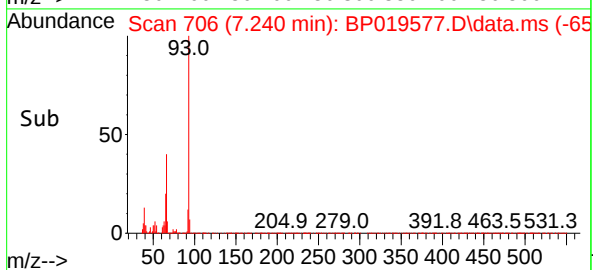
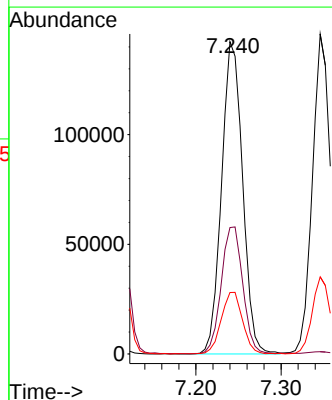
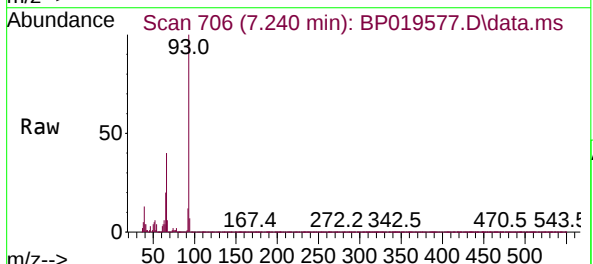
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Tgt Ion:112 Resp: 635983
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 34.5 27.0 40.6



#6
Aniline
Concen: 35.761 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 93 Resp: 244026
Ion Ratio Lower Upper
93 100
66 40.5 32.3 48.5
65 19.7 16.4 24.6

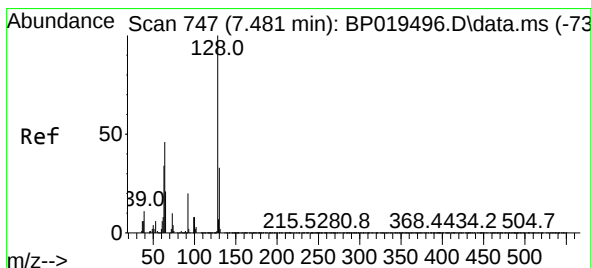
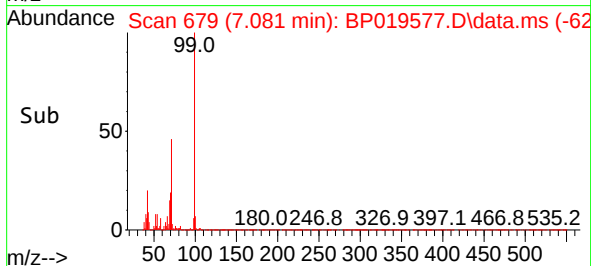
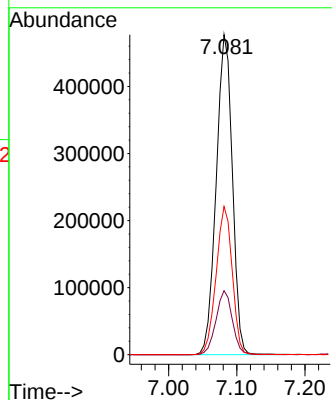
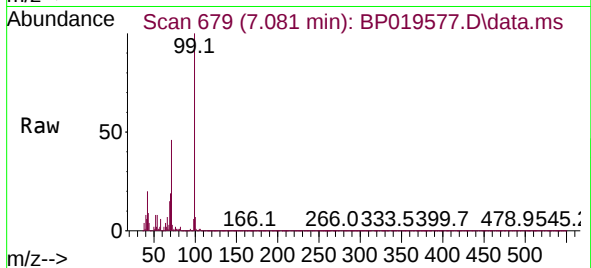




#7
Phenol-d6
Concen: 112.019 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

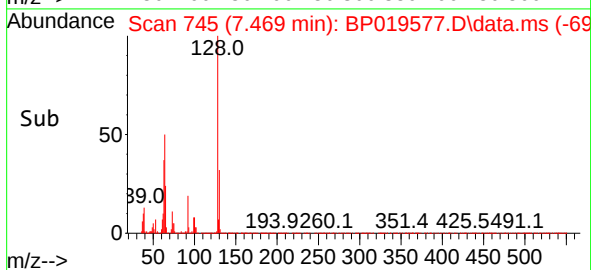
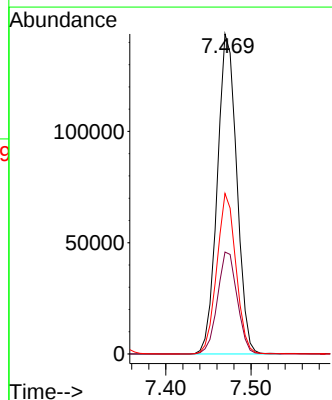
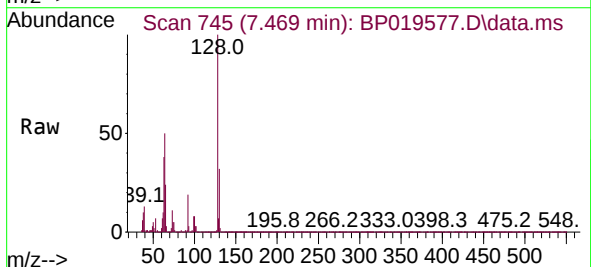
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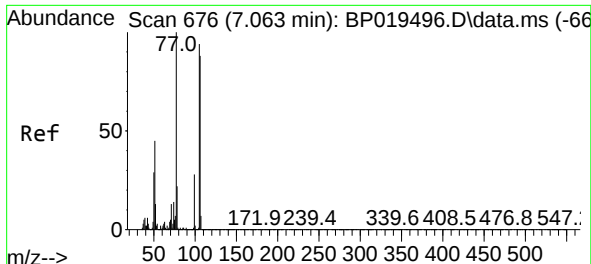
Tgt Ion: 99 Resp: 786685
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 46.3 34.8 52.2



#8
2-Chlorophenol
Concen: 42.656 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 128 Resp: 228094
Ion Ratio Lower Upper
128 100
130 31.9 13.3 53.3
64 50.1 29.7 69.7

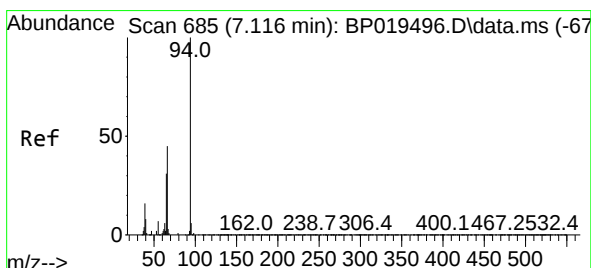
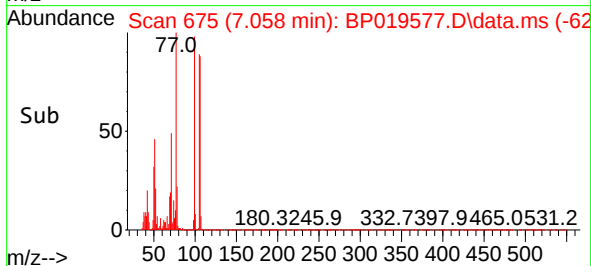
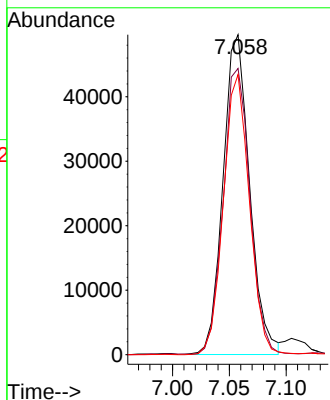
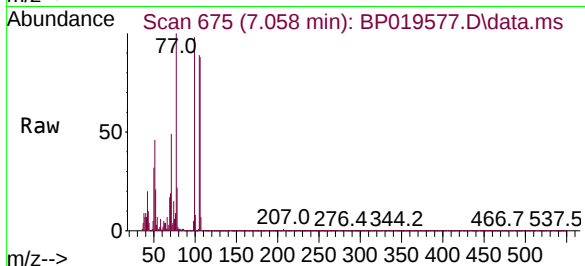




#9
Benzaldehyde
Concen: 16.388 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

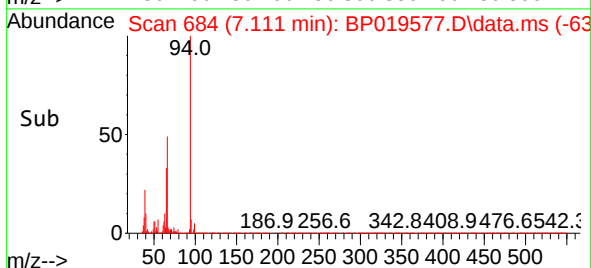
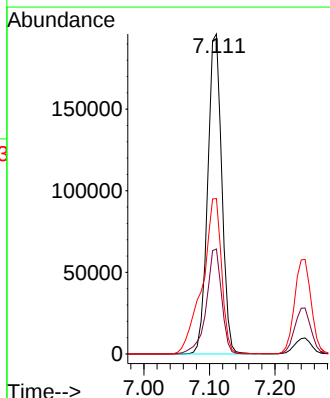
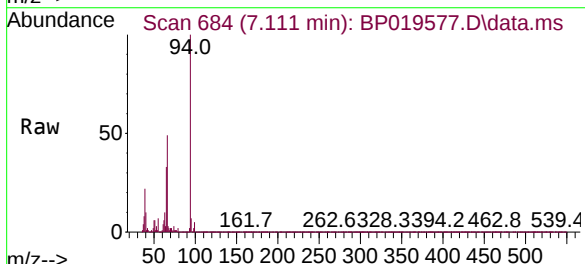
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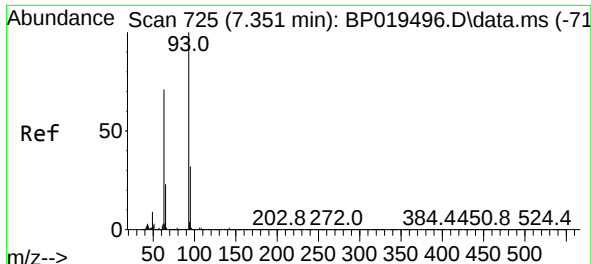
Tgt Ion: 77 Resp: 80692
Ion Ratio Lower Upper
77 100
105 89.5 74.0 114.0
106 87.6 67.8 107.8



#10
Phenol
Concen: 41.786 ng
RT: 7.111 min Scan# 684
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 94 Resp: 292480
Ion Ratio Lower Upper
94 100
65 32.8 11.3 51.3
66 48.5 25.1 65.1

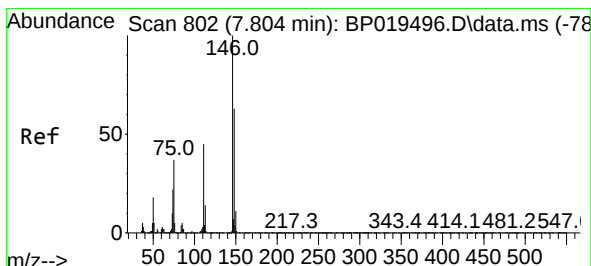
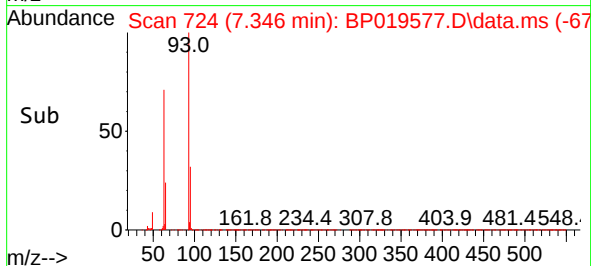
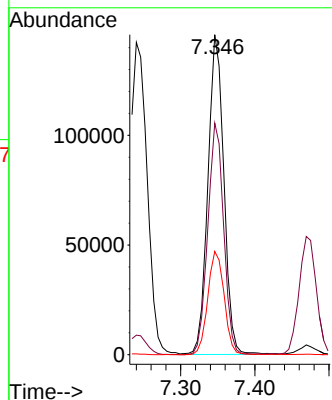
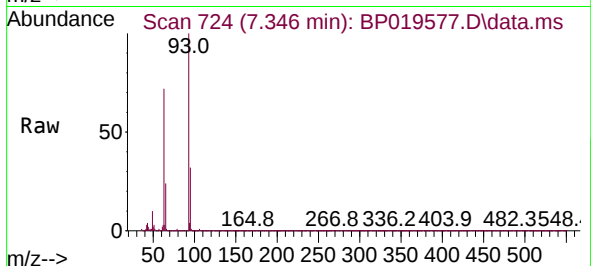




#11
bis(2-Chloroethyl)ether
Concen: 40.096 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

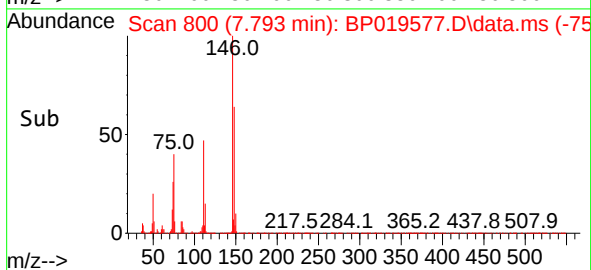
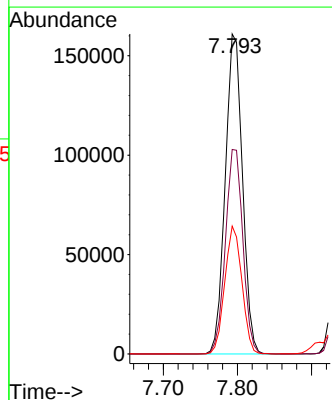
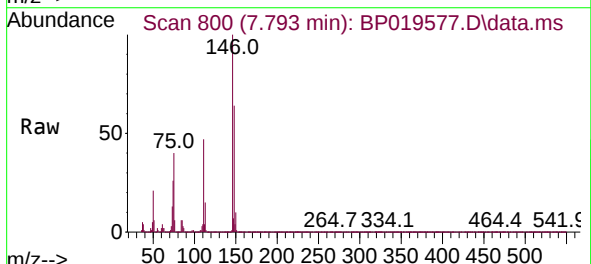
Instrument :
BNA_P
ClientSampleId :
PB158822BS

Tgt Ion: 93 Resp: 218347
Ion Ratio Lower Upper
93 100
63 72.4 51.2 91.2
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.718 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:146 Resp: 259881
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
75 40.0 29.9 44.9

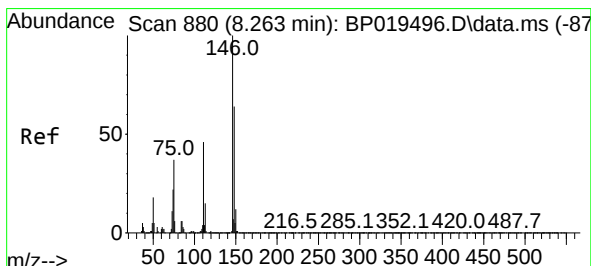
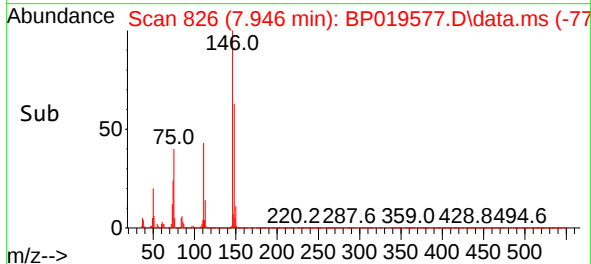
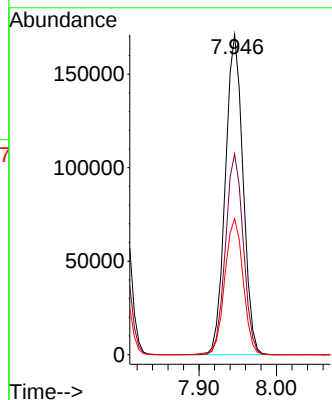
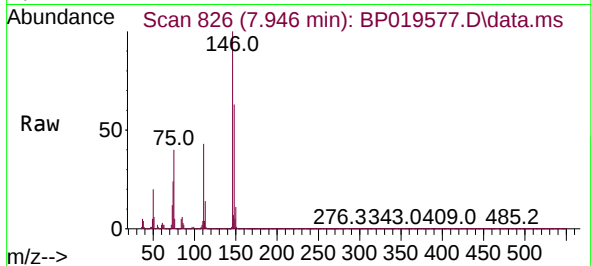




#13
1,4-Dichlorobenzene
Concen: 40.845 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

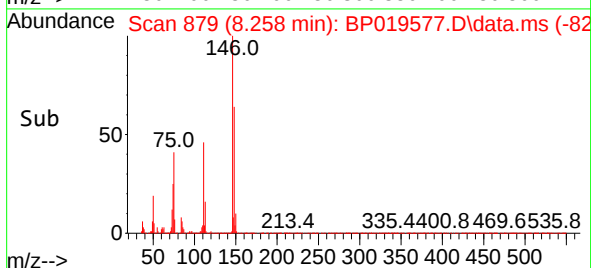
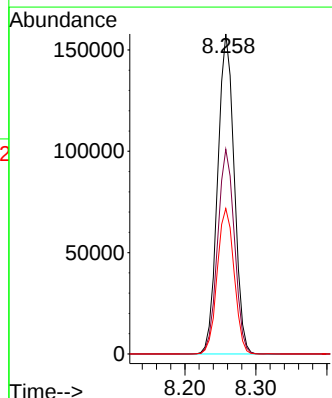
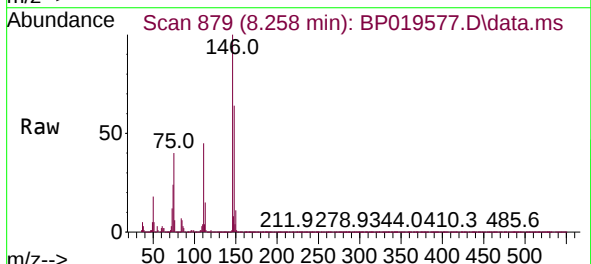
Instrument :
BNA_P
ClientSampleId :
PB158822BS

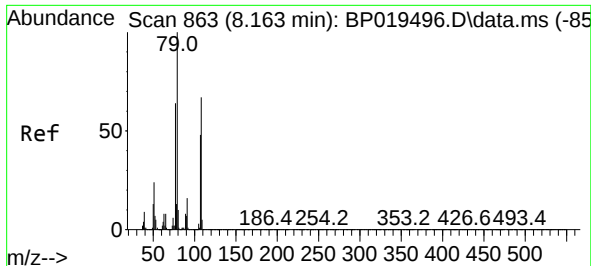
Tgt Ion:146 Resp: 270762
Ion Ratio Lower Upper
146 100
148 62.8 51.9 77.9
111 42.6 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 39.664 ng
RT: 8.258 min Scan# 879
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:146 Resp: 254403
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 45.5 37.0 55.6

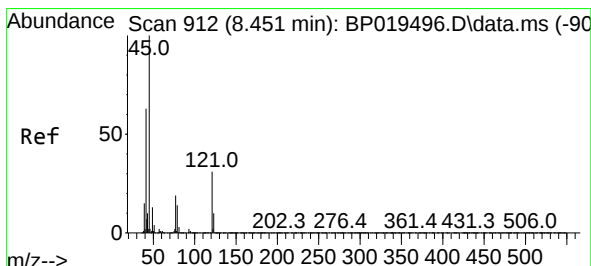
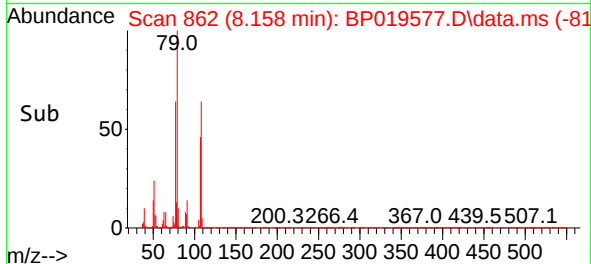
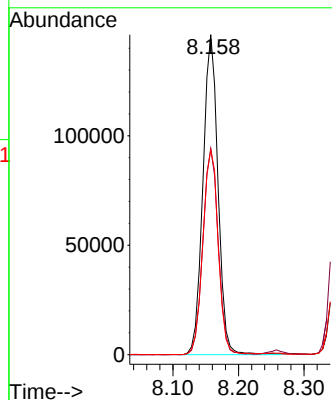
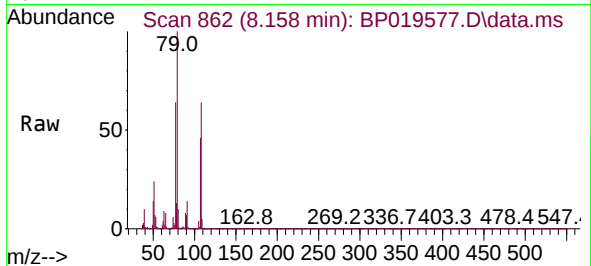




#15
Benzyl Alcohol
Concen: 41.605 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

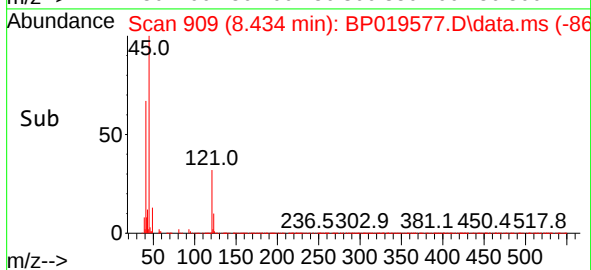
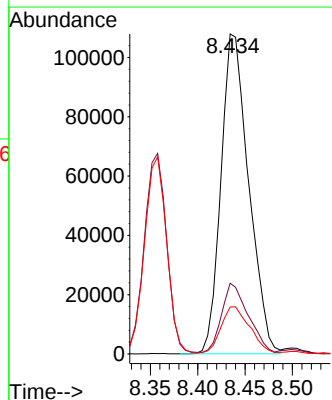
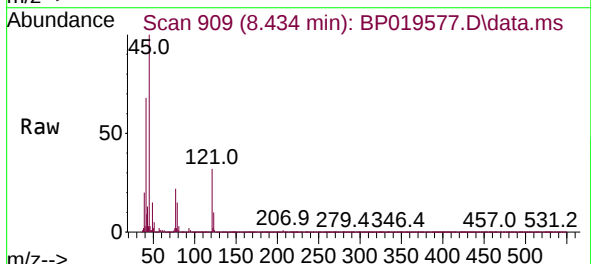
Instrument :
BNA_P
ClientSampleId :
PB158822BS

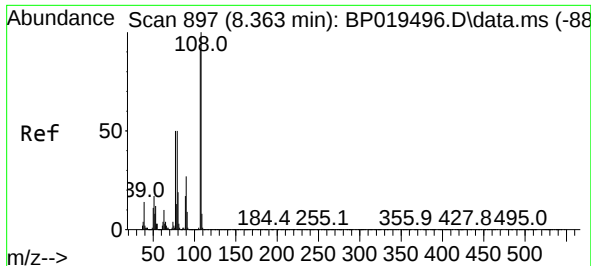
Tgt Ion: 79 Resp: 233458
Ion Ratio Lower Upper
79 100
108 64.5 53.8 80.6
77 64.0 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.408 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 45 Resp: 220042
Ion Ratio Lower Upper
45 100
77 22.1 0.8 40.8
79 14.6 0.0 35.5

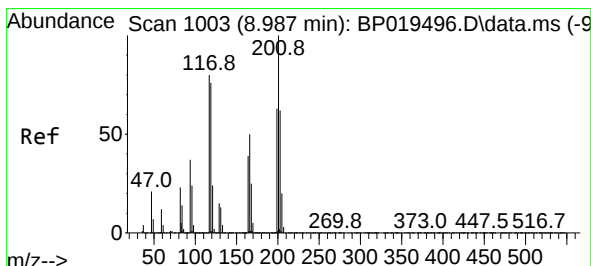
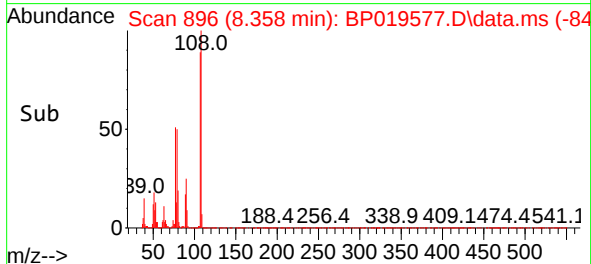
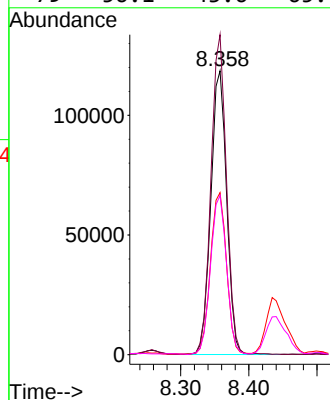
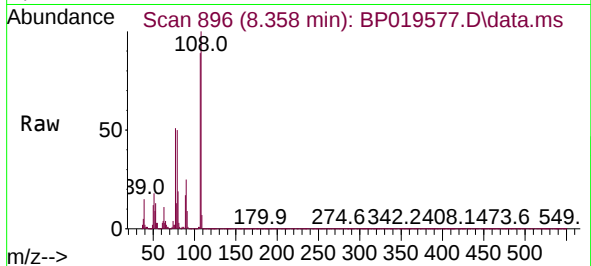




#17
2-Methylphenol
Concen: 40.644 ng
RT: 8.358 min Scan# 896
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

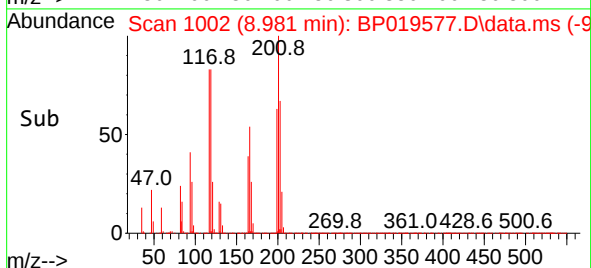
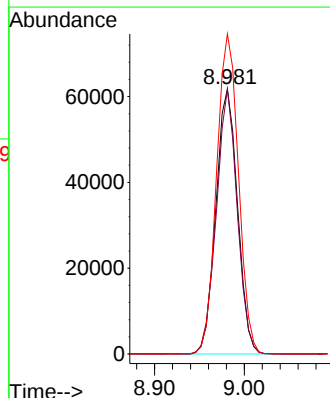
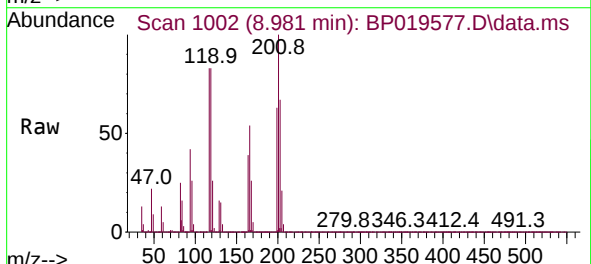
Instrument :
BNA_P
ClientSampleId :
PB158822BS

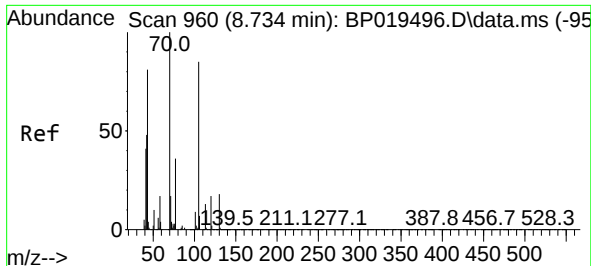
Tgt Ion:	107	Resp:	191526
Ion	Ratio	Lower	Upper
107	100		
108	112.8	87.0	130.6
77	57.1	43.5	65.3
79	56.1	43.6	65.4



#18
Hexachloroethane
Concen: 40.258 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:	117	Resp:	103441
Ion	Ratio	Lower	Upper
117	100		
119	99.9	75.5	113.3
201	120.7	99.4	149.2

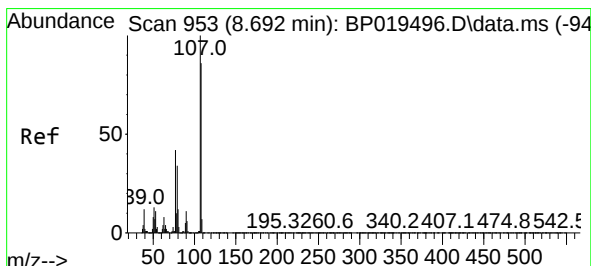
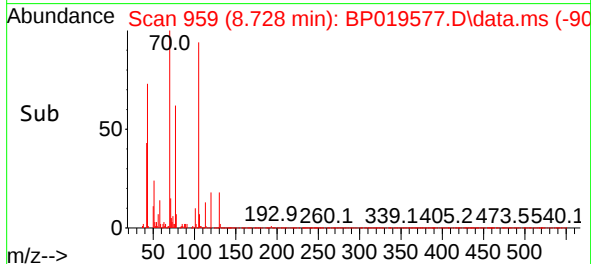
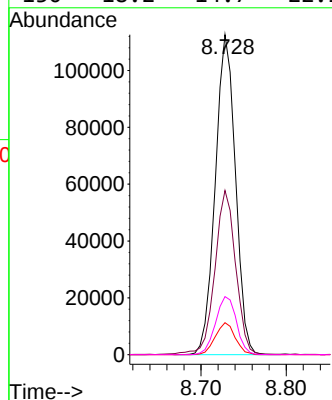
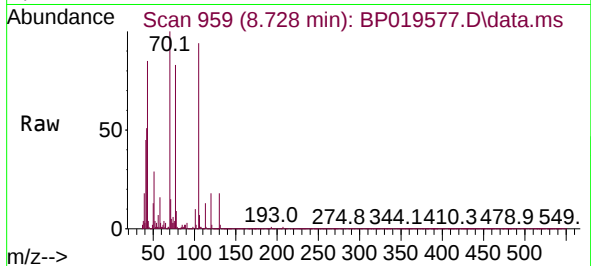




#19
n-Nitroso-di-n-propylamine
Concen: 38.607 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

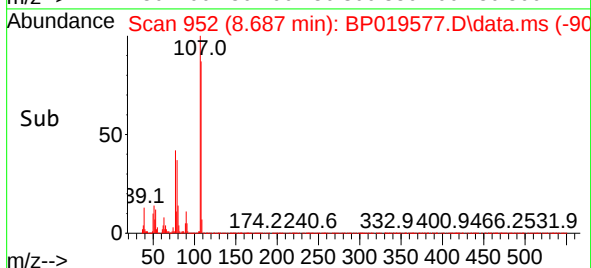
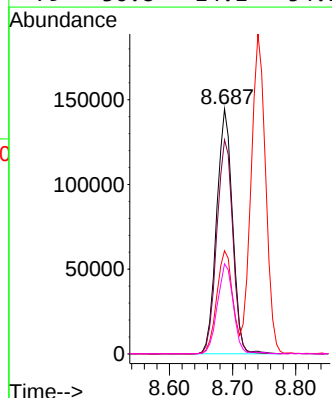
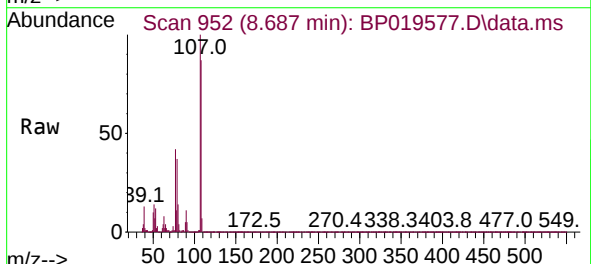
Instrument :
BNA_P
ClientSampleId :
PB158822BS

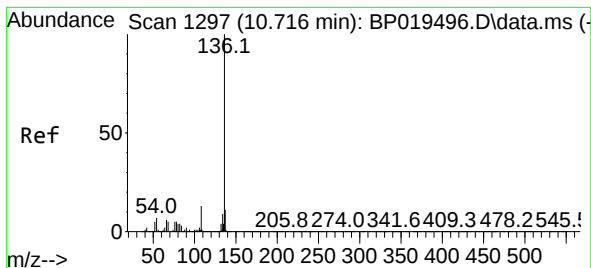
Tgt Ion: 70 Resp: 185194
Ion Ratio Lower Upper
70 100
42 51.3 39.2 58.8
101 10.0 7.3 10.9
130 18.2 14.7 22.1



#20
3+4-Methylphenols
Concen: 39.348 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 107 Resp: 253055
Ion Ratio Lower Upper
107 100
108 87.4 65.5 105.5
77 42.1 21.8 61.8
79 36.8 14.1 54.1

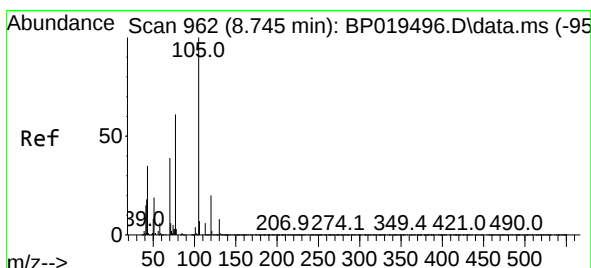
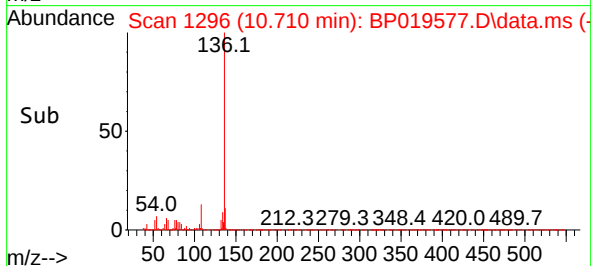
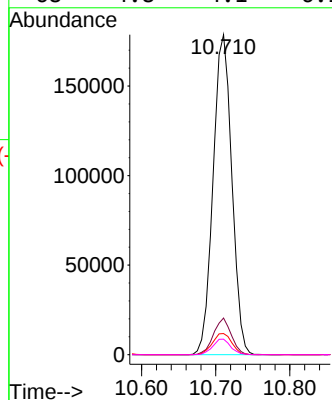
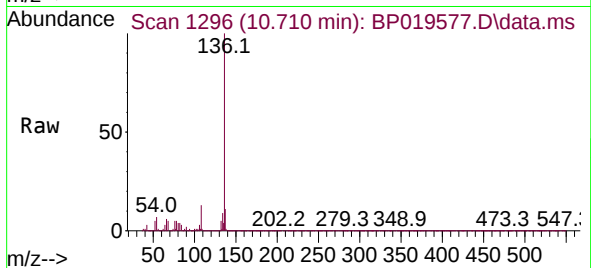




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

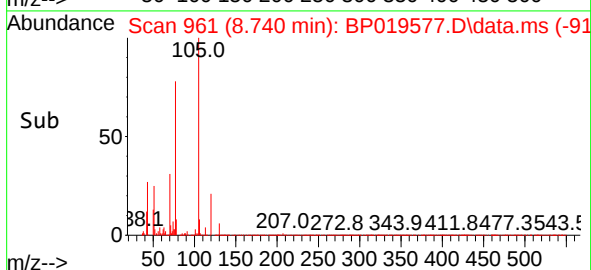
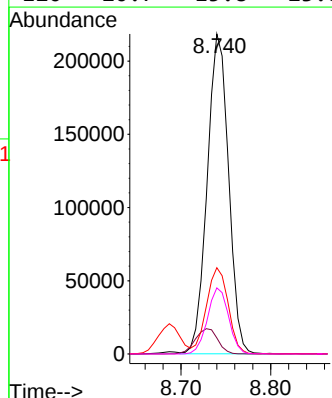
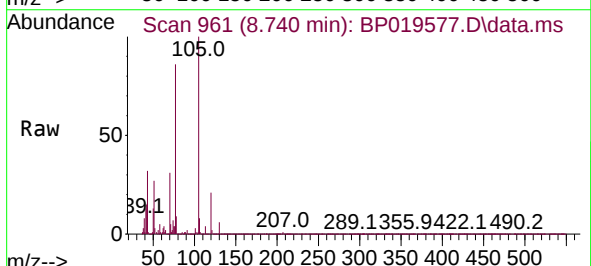
Instrument :
BNA_P
ClientSampleId :
PB158822BS

Tgt Ion:	136	Resp:	313307
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	6.6	5.3	7.9
68	4.8	4.1	6.1



#22
Acetophenone
Concen: 40.427 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:	105	Resp:	360833
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.9	7.3
51	27.0	20.7	31.1
120	20.7	15.8	23.8

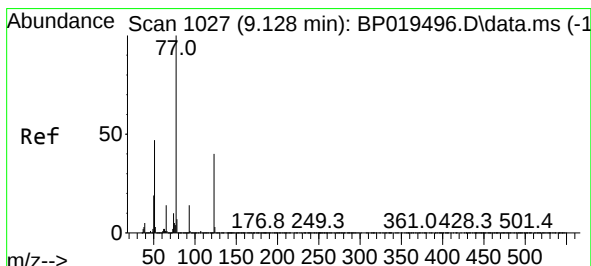
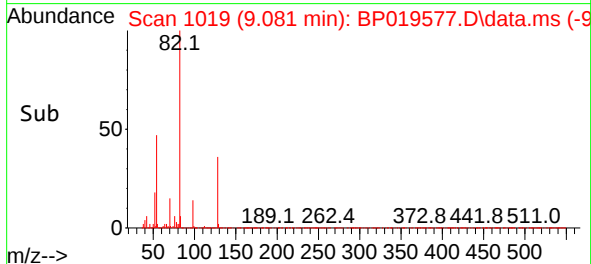
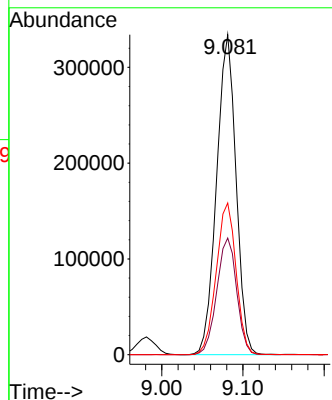
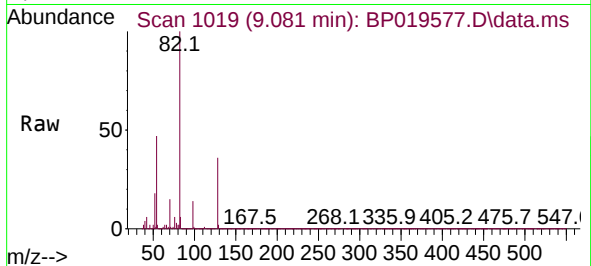




#23
Nitrobenzene-d5
Concen: 76.972 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

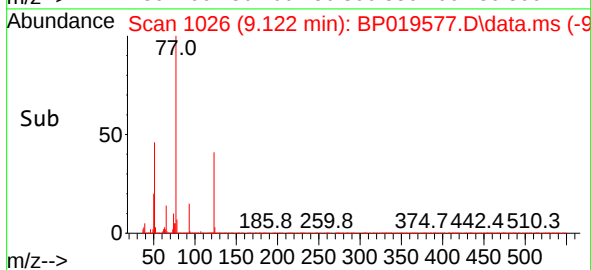
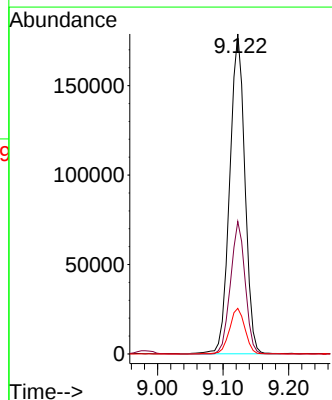
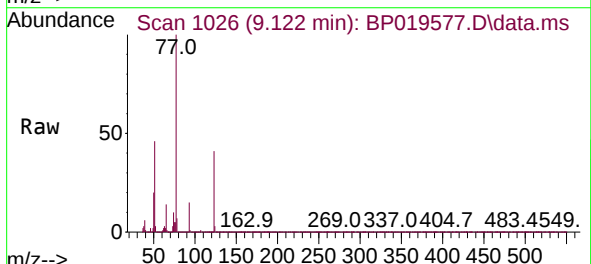
Instrument :
BNA_P
ClientSampleId :
PB158822BS

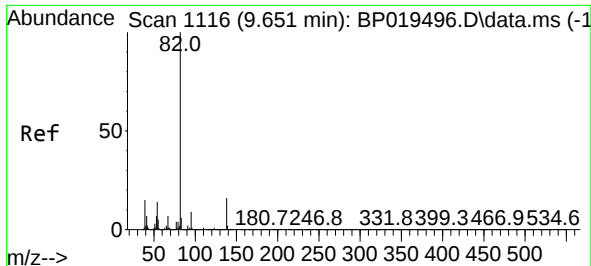
Tgt Ion: 82 Resp: 556547
Ion Ratio Lower Upper
82 100
128 36.4 29.7 44.5
54 47.4 36.8 55.2



#24
Nitrobenzene
Concen: 39.419 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 77 Resp: 286969
Ion Ratio Lower Upper
77 100
123 41.4 32.3 48.5
65 14.2 11.6 17.4

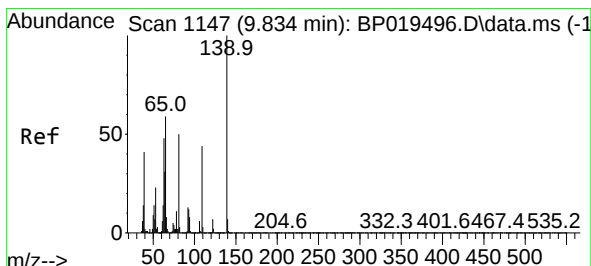
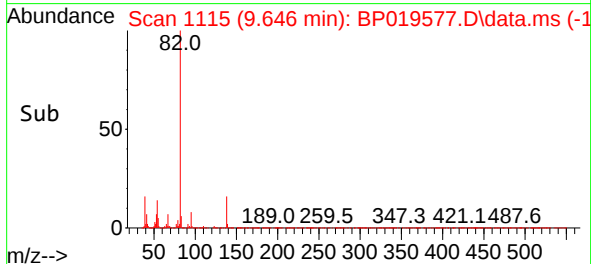
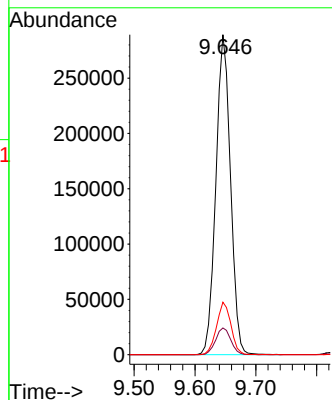
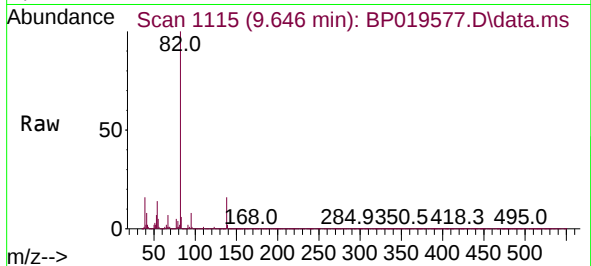




#25
Isophorone
Concen: 38.202 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

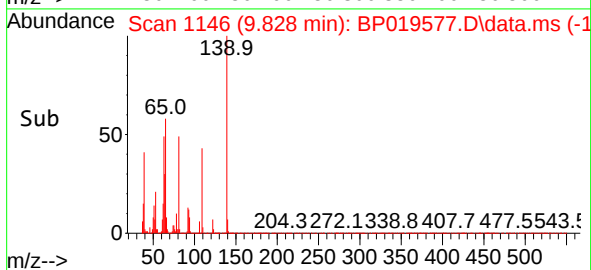
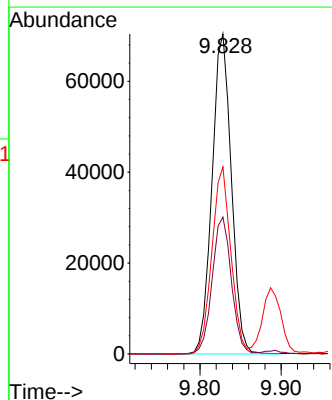
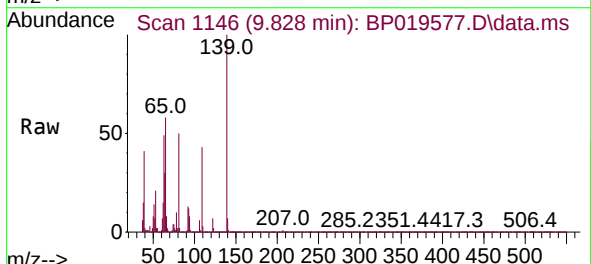
Instrument :
BNA_P
ClientSampleId :
PB158822BS

Tgt Ion: 82 Resp: 481046
Ion Ratio Lower Upper
82 100
95 8.4 7.0 10.4
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 41.858 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 139 Resp: 116190
Ion Ratio Lower Upper
139 100
109 42.7 34.9 52.3
65 58.4 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 48.013 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

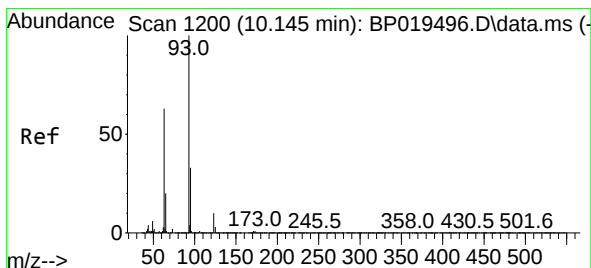
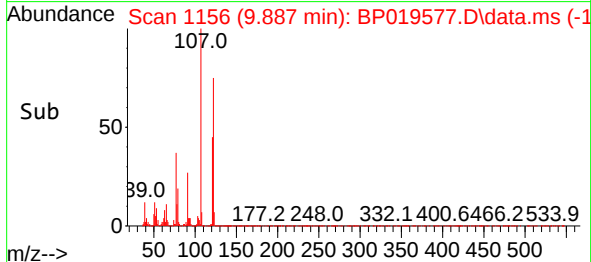
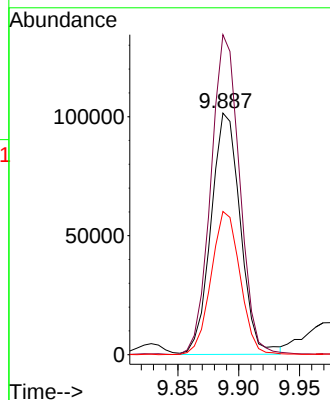
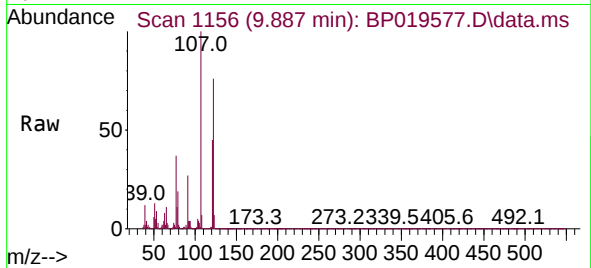
Tgt Ion:122 Resp: 170419

Ion Ratio Lower Upper

122 100

107 132.4 105.9 158.9

121 59.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.863 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

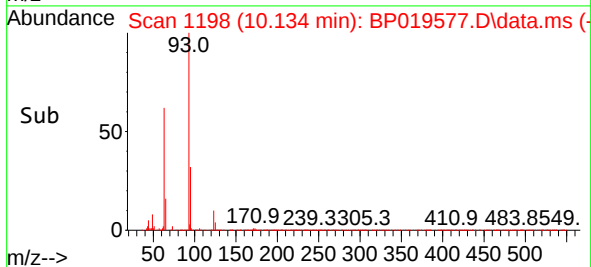
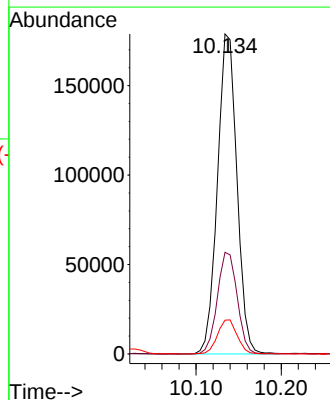
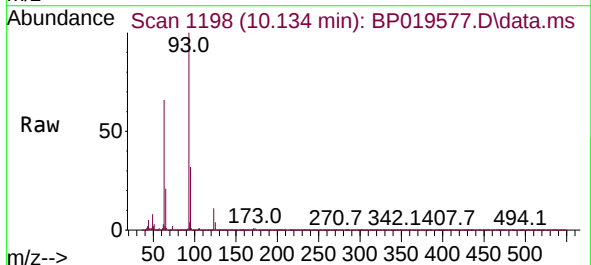
Tgt Ion: 93 Resp: 284011

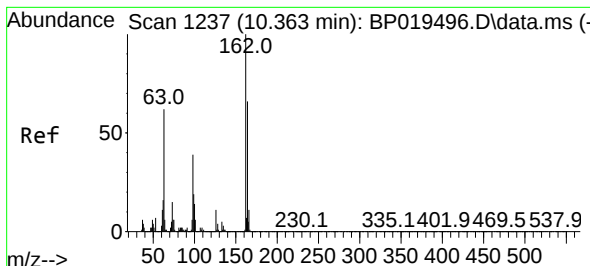
Ion Ratio Lower Upper

93 100

95 31.8 26.2 39.4

123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 41.885 ng

RT: 10.358 min Scan# 1236

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

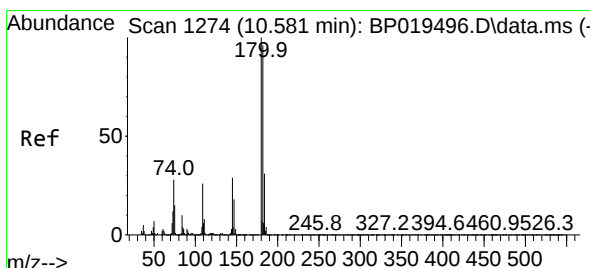
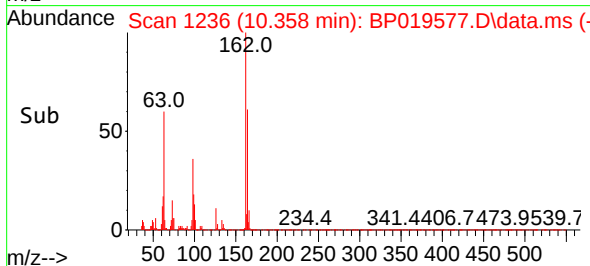
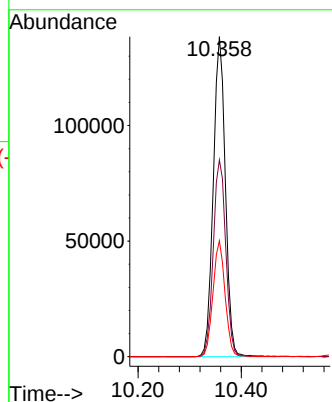
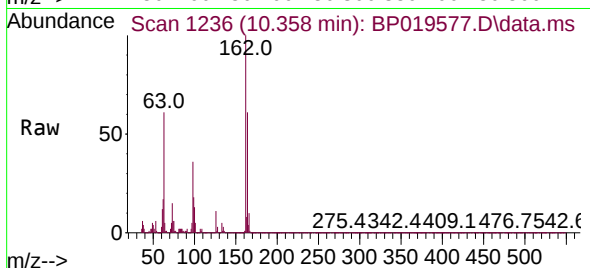
Tgt Ion:162 Resp: 224733

Ion Ratio Lower Upper

162 100

164 61.5 46.0 86.0

98 36.2 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 40.992 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

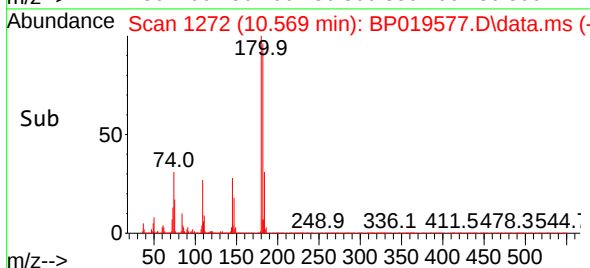
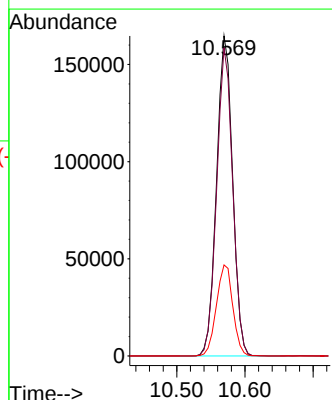
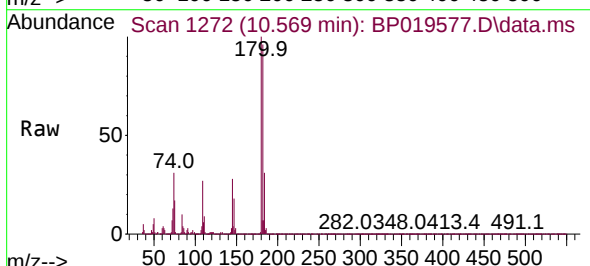
Tgt Ion:180 Resp: 269674

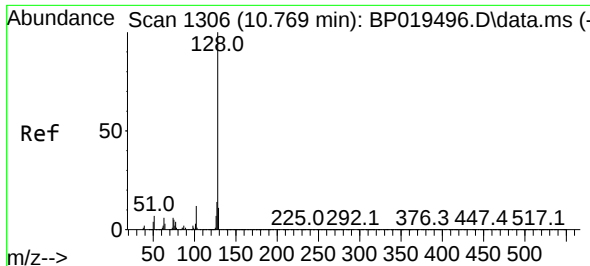
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 28.5 23.2 34.8

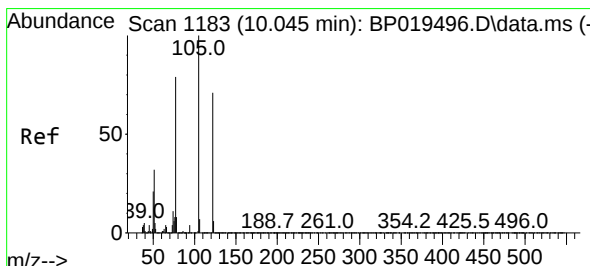
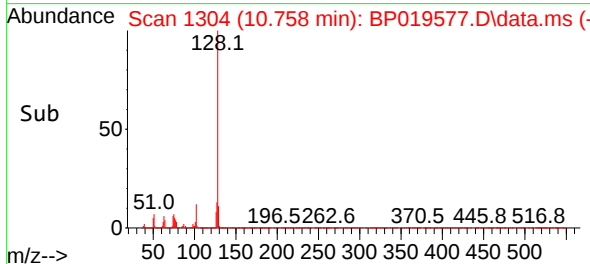
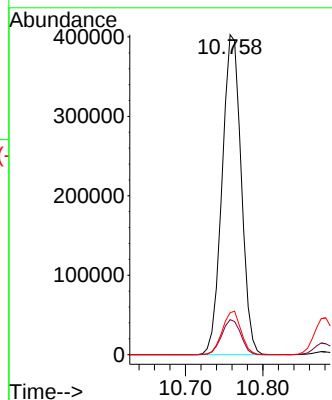
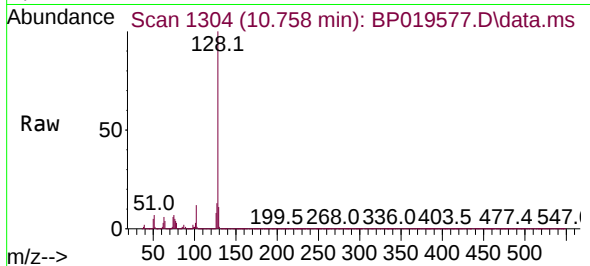




#31
Naphthalene
Concen: 40.144 ng
RT: 10.758 min Scan# 111
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

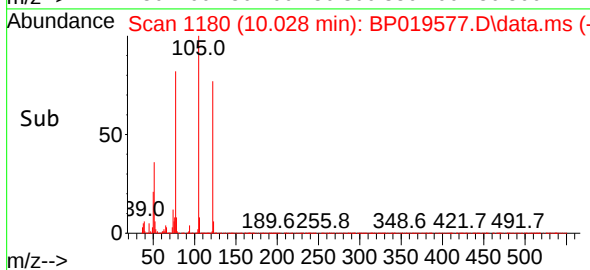
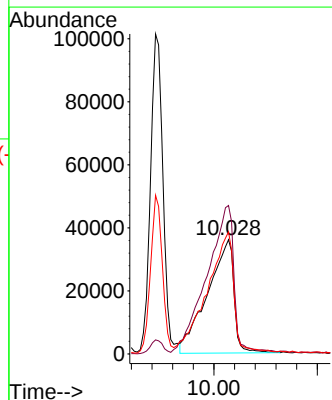
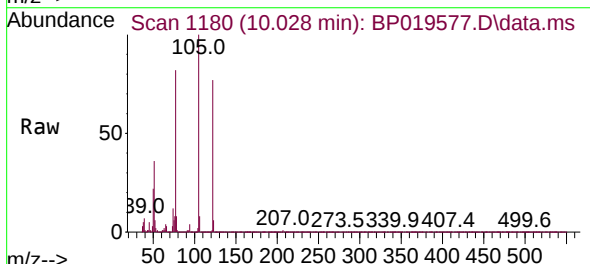
Instrument :
BNA_P
ClientSampleId :
PB158822BS

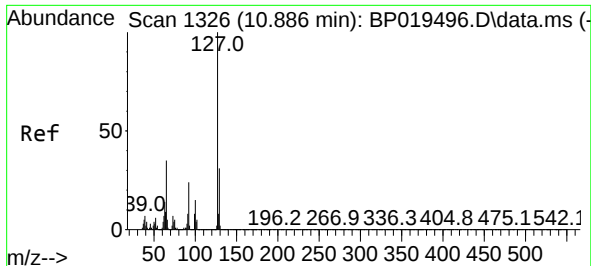
Tgt Ion:128 Resp: 689819
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 37.019 ng
RT: 10.028 min Scan# 1180
Delta R.T. -0.017 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:122 Resp: 128021
Ion Ratio Lower Upper
122 100
105 129.9 118.8 158.8
77 106.9 91.7 131.7

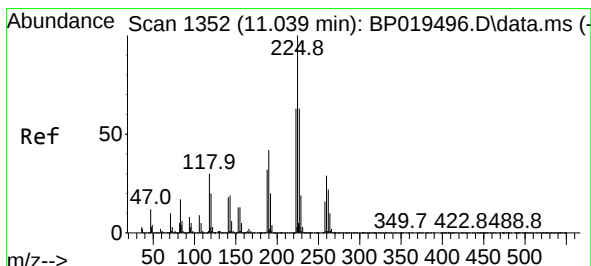
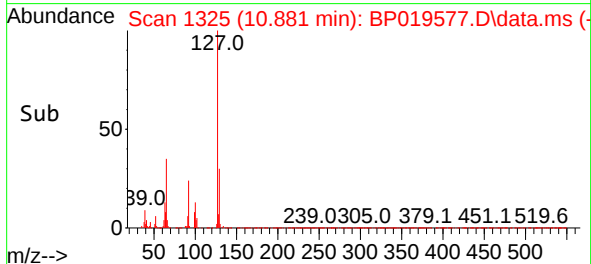
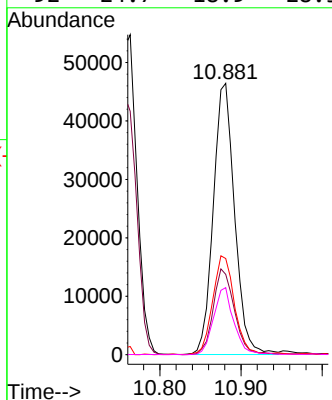
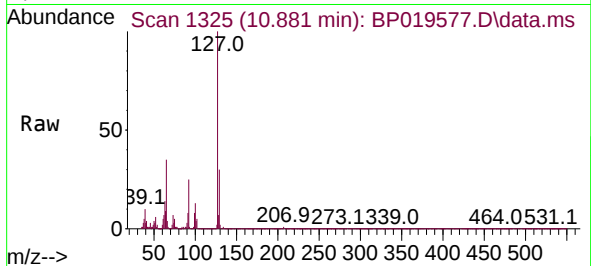




#33
4-Chloroaniline
Concen: 13.350 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

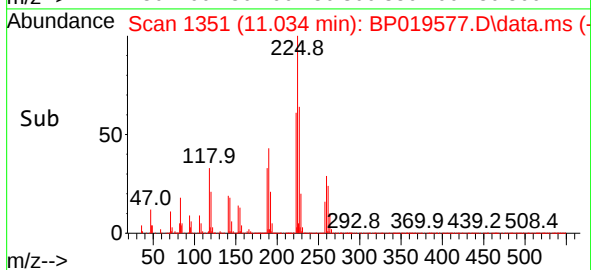
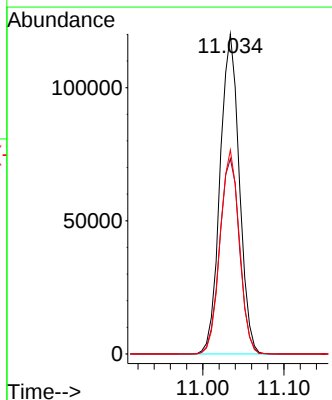
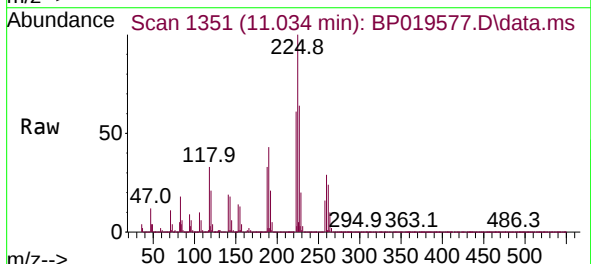
Instrument :
BNA_P
ClientSampleId :
PB158822BS

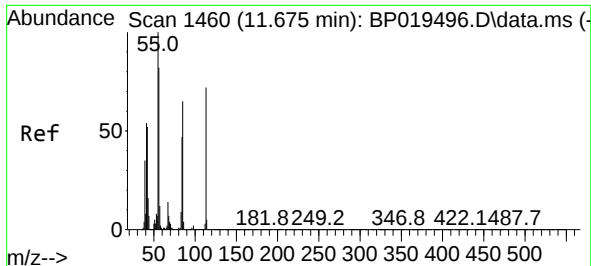
Tgt Ion:	127	Resp:	84834
Ion	Ratio	Lower	Upper
127	100		
129	29.6	24.6	36.8
65	35.5	28.2	42.4
92	24.7	18.9	28.3



#34
Hexachlorobutadiene
Concen: 40.611 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:	225	Resp:	197984
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.5	75.7
227	63.8	50.2	75.2

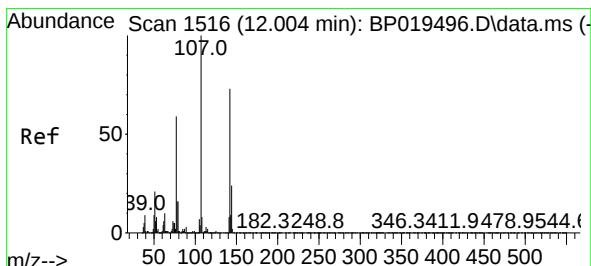
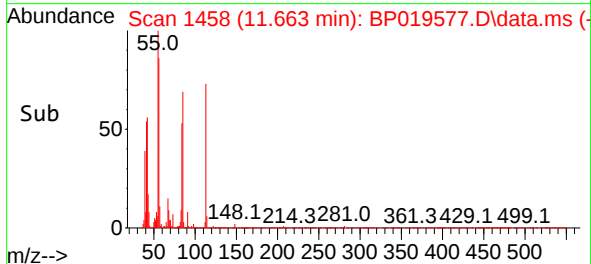
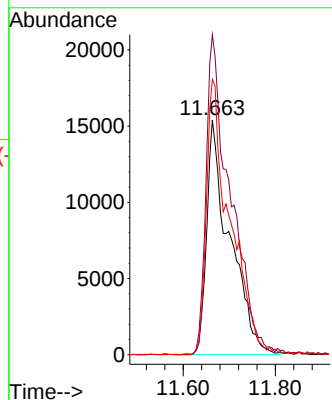
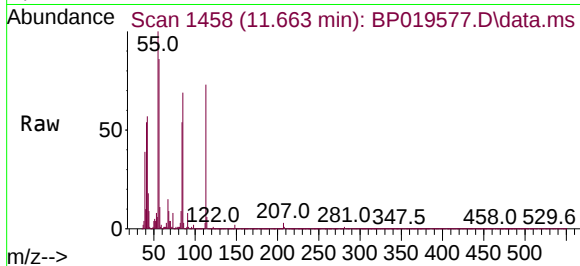




#35
Caprolactam
Concen: 35.137 ng
RT: 11.663 min Scan# 1460
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

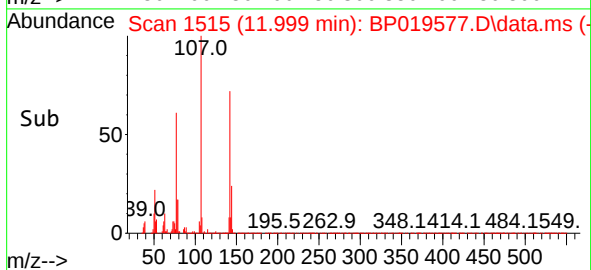
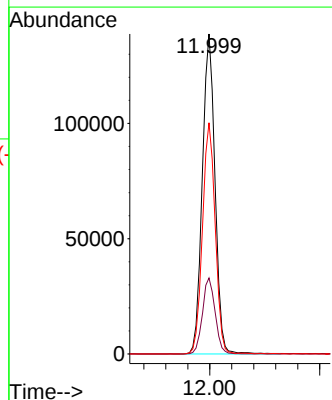
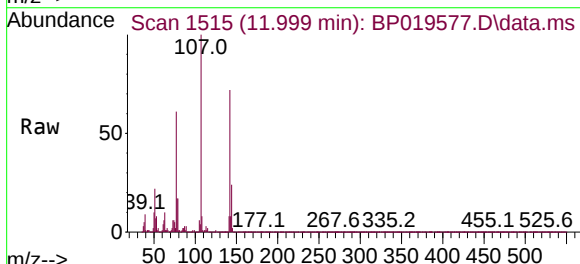
Instrument :
BNA_P
ClientSampleId :
PB158822BS

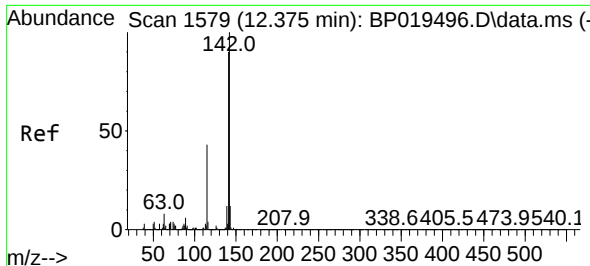
Tgt Ion:	113	Resp:	53371
Ion	Ratio	Lower	Upper
113	100		
55	136.3	120.0	160.0
56	117.3	94.0	134.0



#36
4-Chloro-3-methylphenol
Concen: 38.027 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:	107	Resp:	222476
Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.0	28.4
142	72.3	58.6	88.0

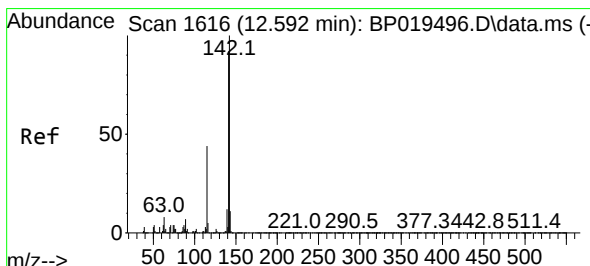
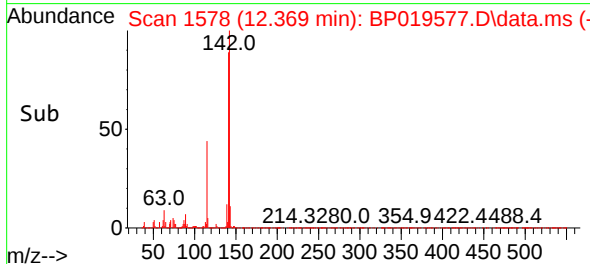
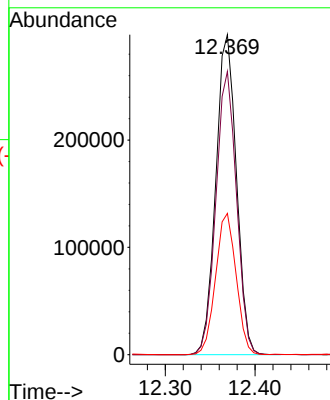
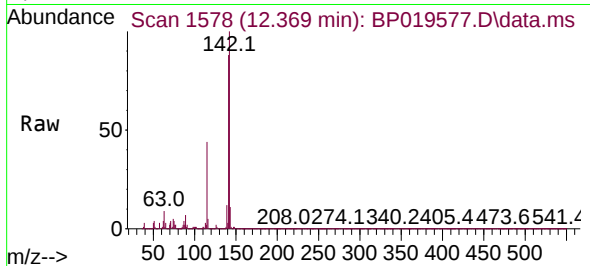




#37
2-Methylnaphthalene
Concen: 40.038 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

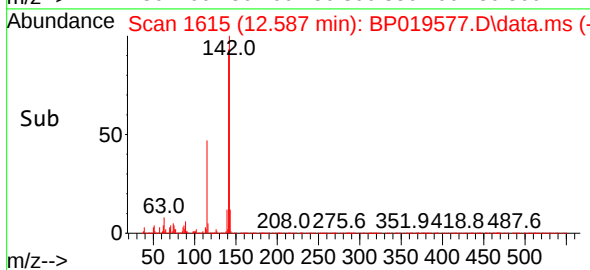
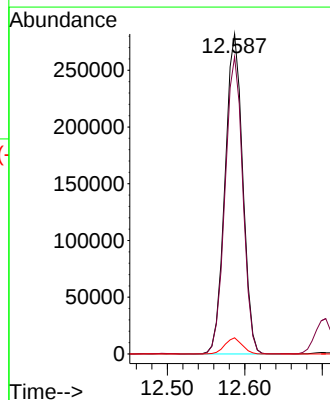
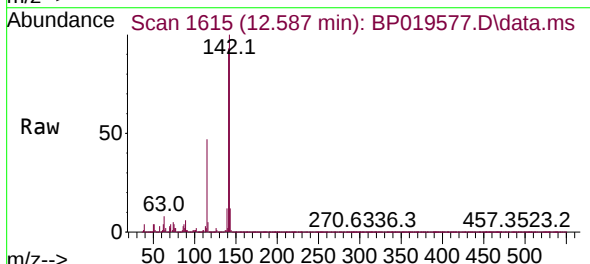
Instrument :
BNA_P
ClientSampleId :
PB158822BS

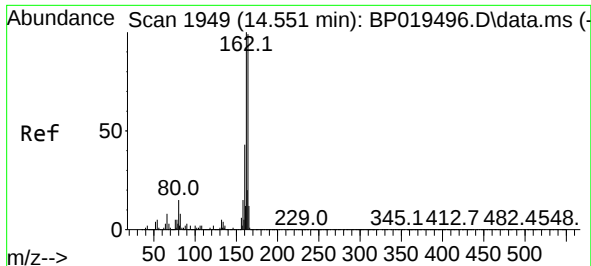
Tgt Ion:142 Resp: 476120
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.4
115 44.1 34.2 51.2



#38
1-Methylnaphthalene
Concen: 38.263 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:142 Resp: 447151
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0
116 5.0 3.7 5.5

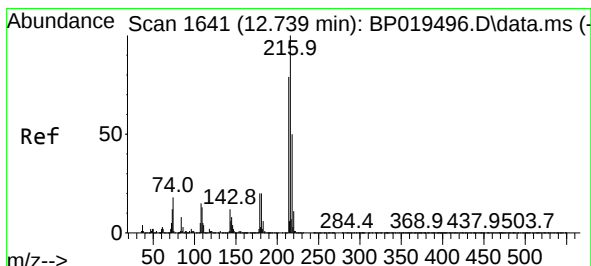
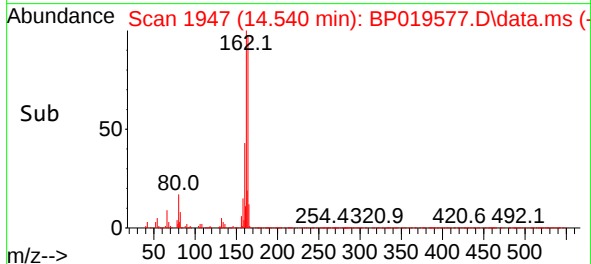
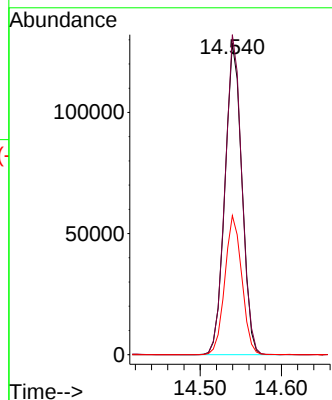
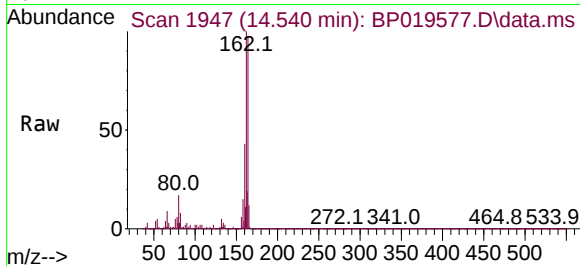




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

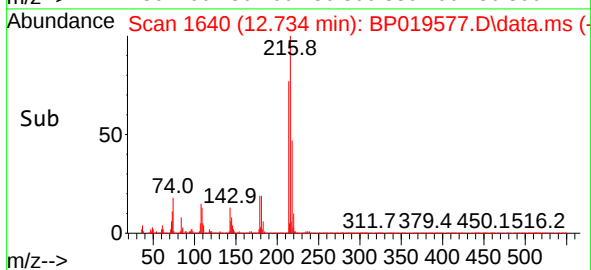
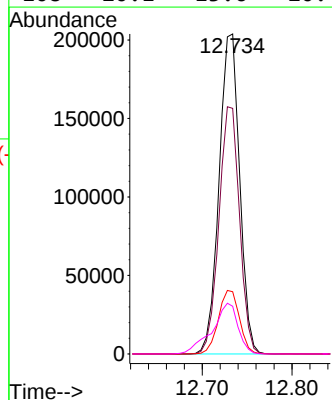
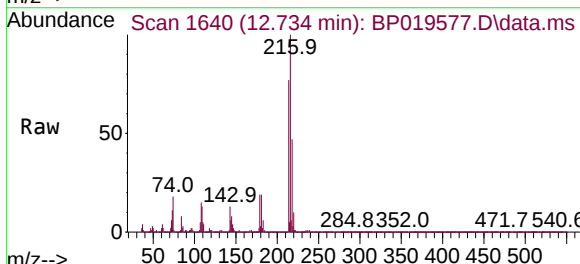
Instrument :
BNA_P
ClientSampleId :
PB158822BS

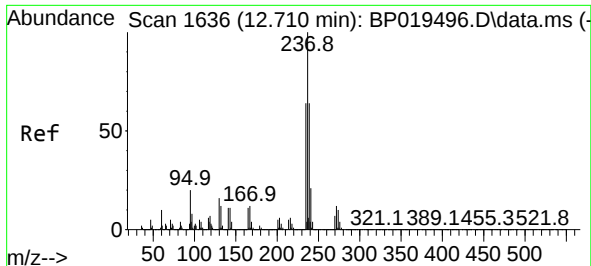
Tgt Ion:164 Resp: 187169
Ion Ratio Lower Upper
164 100
162 102.8 81.2 121.8
160 44.7 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.833 ng
RT: 12.734 min Scan# 1640
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:216 Resp: 323626
Ion Ratio Lower Upper
216 100
214 77.3 62.8 94.2
179 20.4 16.6 24.8
108 20.1 13.6 20.4

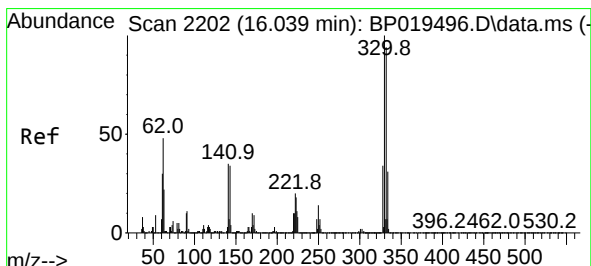
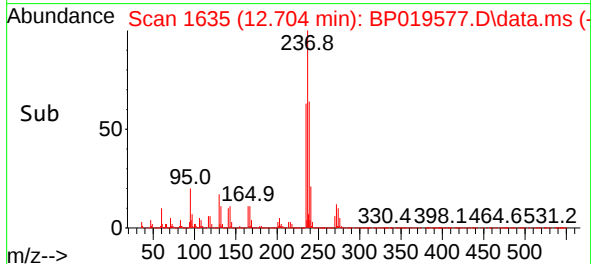
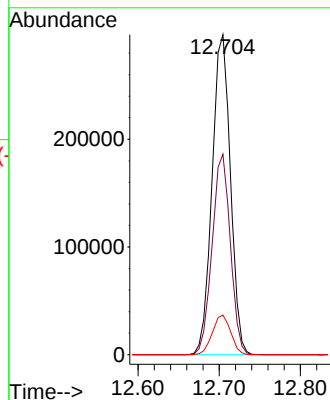
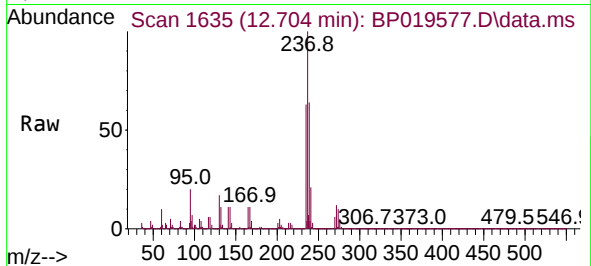




#41
Hexachlorocyclopentadiene
Concen: 142.743 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

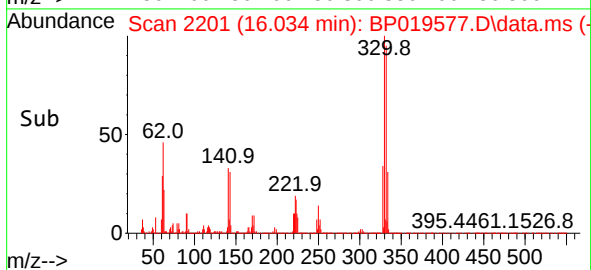
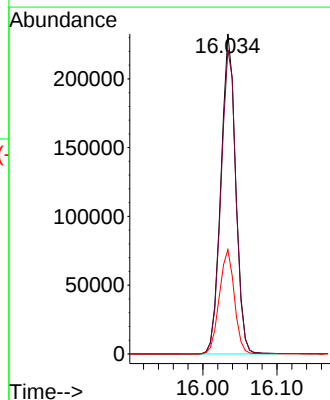
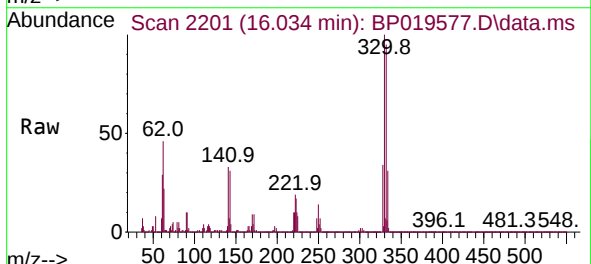
Instrument :
BNA_P
ClientSampleId :
PB158822BS

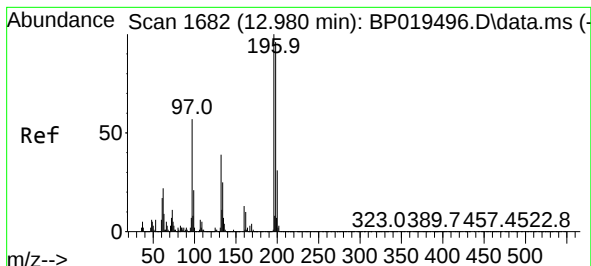
Tgt Ion:237 Resp: 465474
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 117.713 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:330 Resp: 321686
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 33.2 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 42.902 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

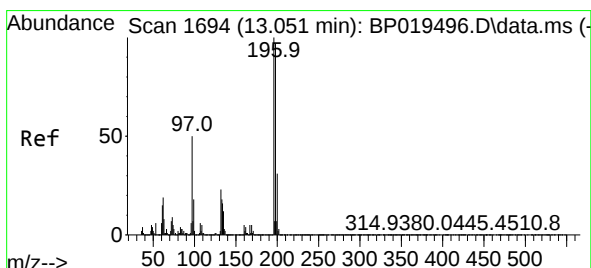
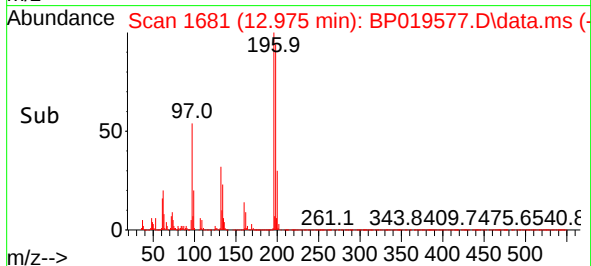
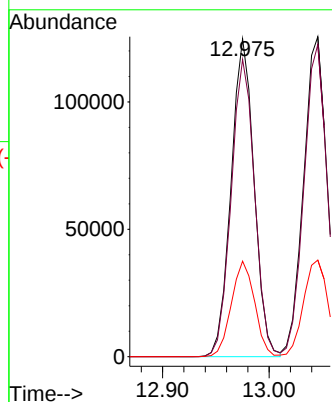
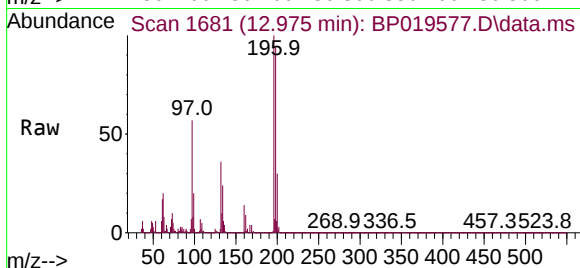
Tgt Ion:196 Resp: 187523

Ion Ratio Lower Upper

196 100

198 93.5 76.7 115.1

200 30.1 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 40.428 ng

RT: 13.046 min Scan# 1693

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Tgt Ion:196 Resp: 194040

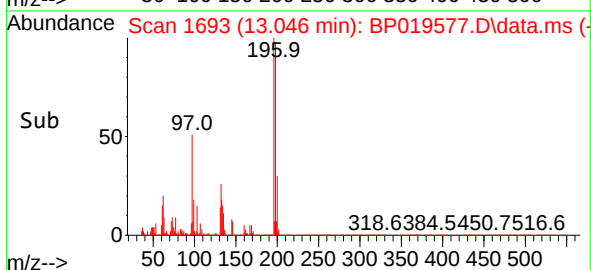
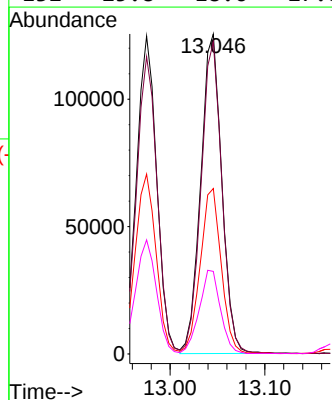
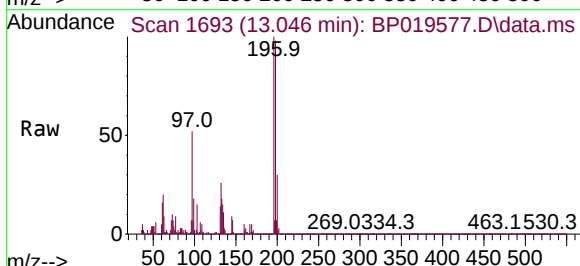
Ion Ratio Lower Upper

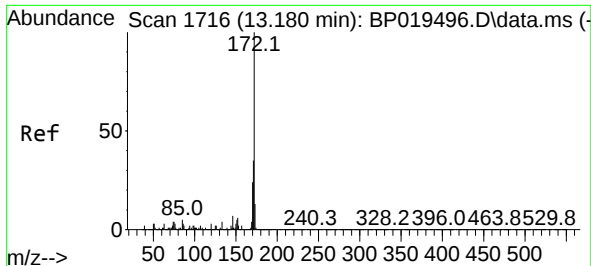
196 100

198 97.5 77.5 116.3

97 51.7 39.9 59.9

132 25.8 18.6 27.8

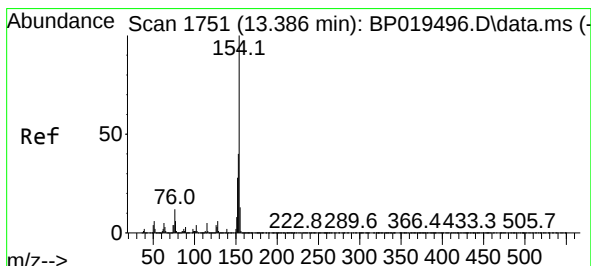
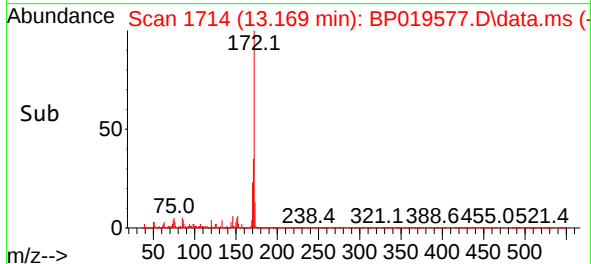
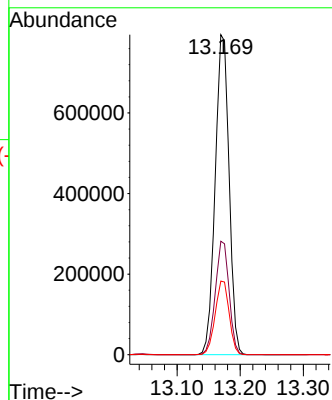
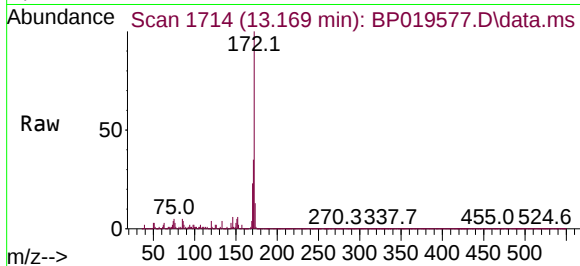




#45
2-Fluorobiphenyl
Concen: 80.139 ng
RT: 13.169 min Scan# 1716
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

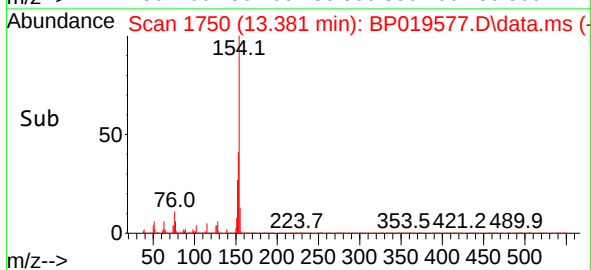
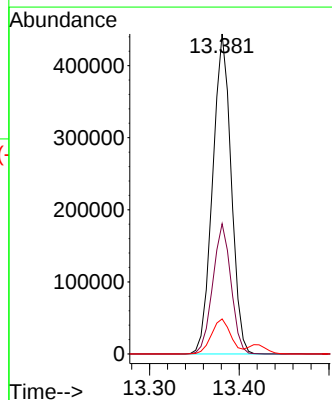
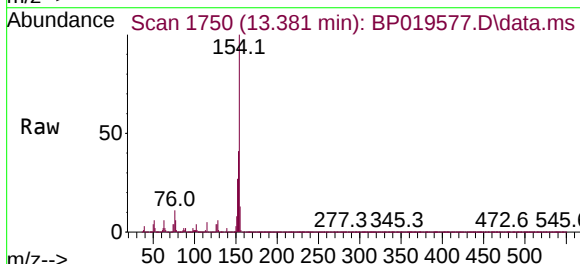
Instrument :
BNA_P
ClientSampleId :
PB158822BS

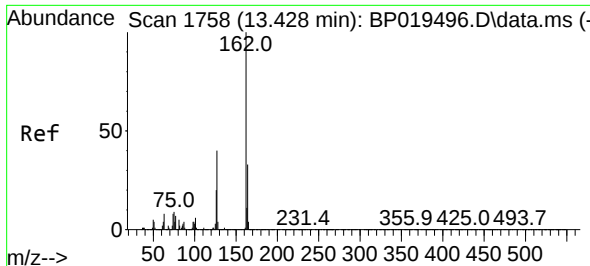
Tgt Ion:172 Resp: 1213335
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 42.632 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:154 Resp: 636862
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 11.0 0.0 31.6

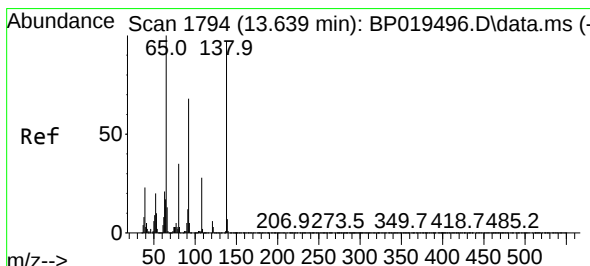
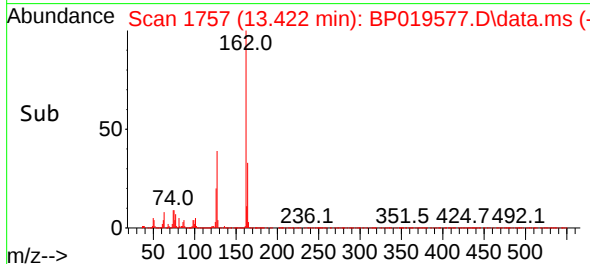
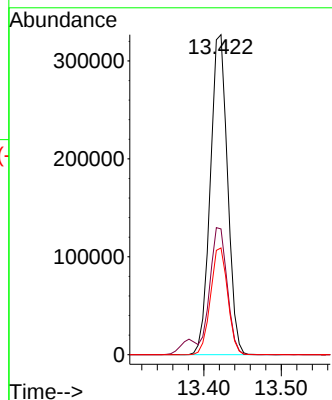
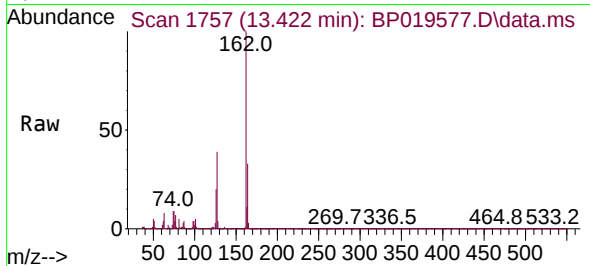




#47
2-Chloronaphthalene
Concen: 41.109 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

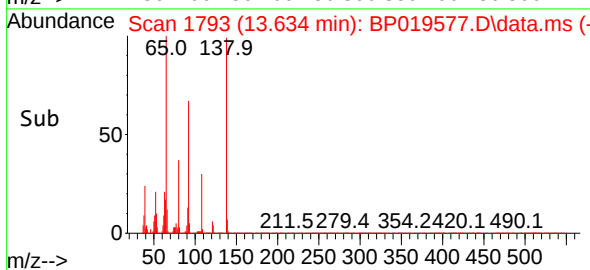
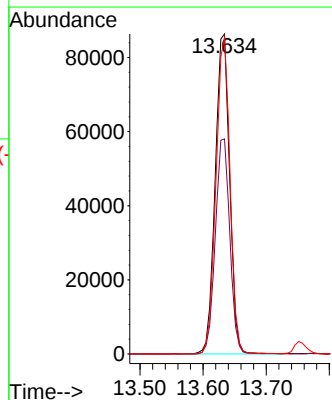
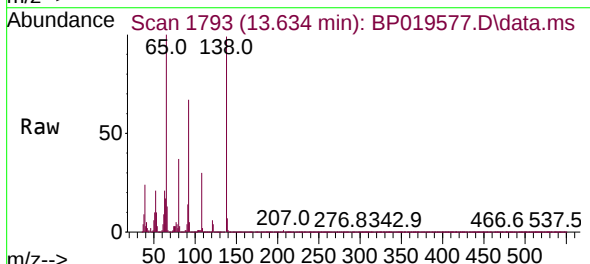
Instrument :
BNA_P
ClientSampleId :
PB158822BS

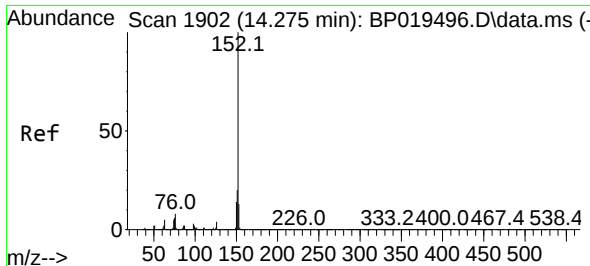
Tgt Ion:162 Resp: 504114
Ion Ratio Lower Upper
162 100
127 39.3 32.1 48.1
164 33.3 26.7 40.1



#48
2-Nitroaniline
Concen: 39.910 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 65 Resp: 136850
Ion Ratio Lower Upper
65 100
92 67.2 54.7 82.1
138 99.0 77.8 116.6

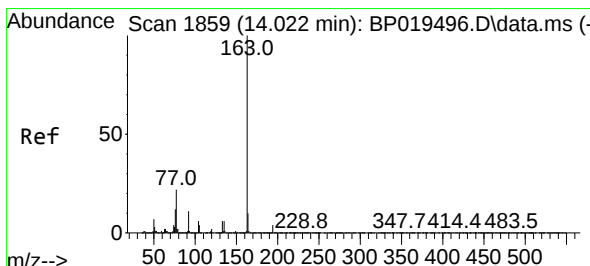
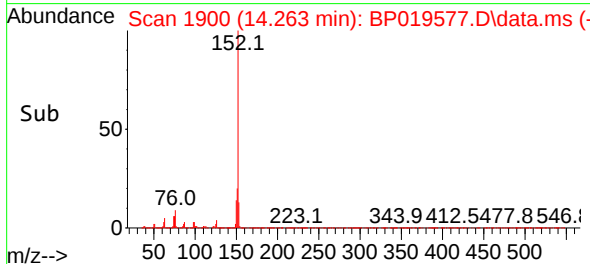
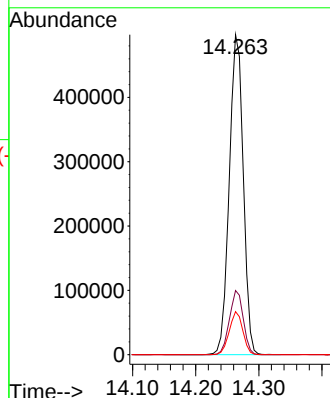
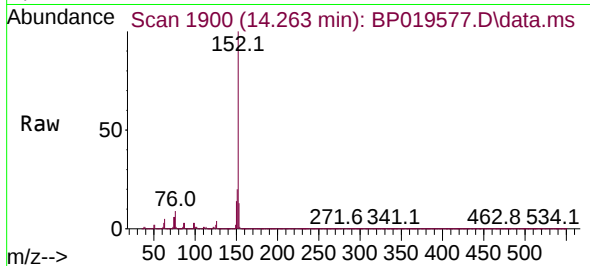




#49
Acenaphthylene
Concen: 44.437 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

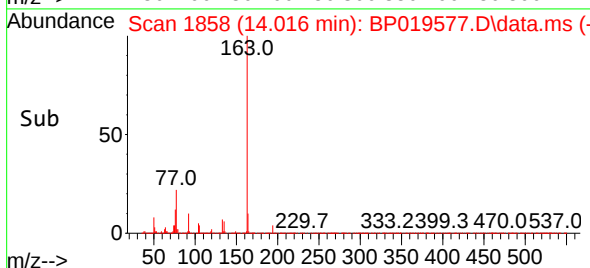
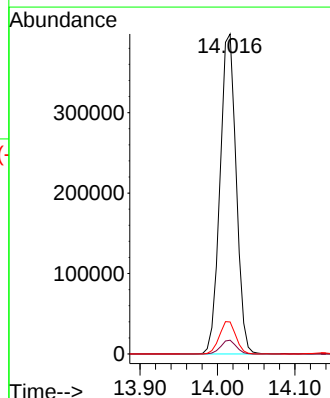
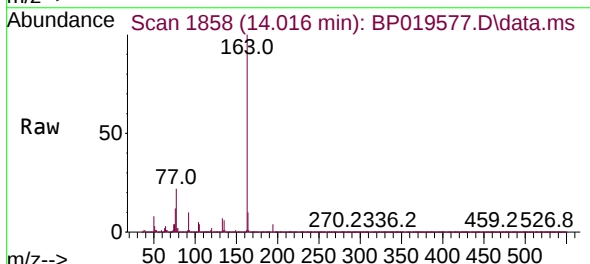
Instrument :
BNA_P
ClientSampleId :
PB158822BS

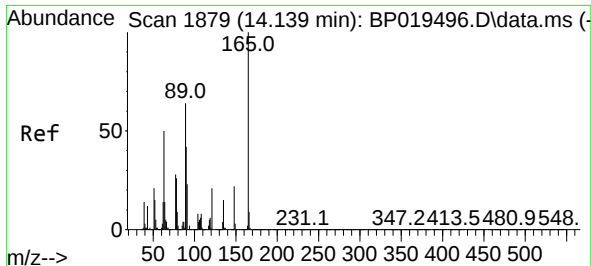
Tgt Ion:152 Resp: 764510
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 40.277 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:163 Resp: 577096
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 7.8 11.6

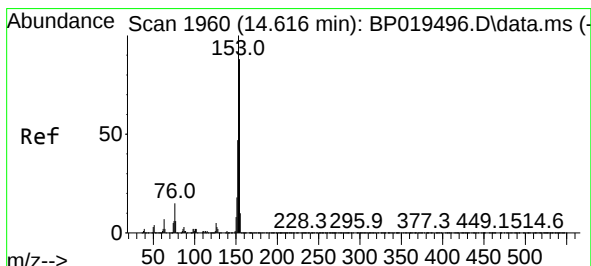
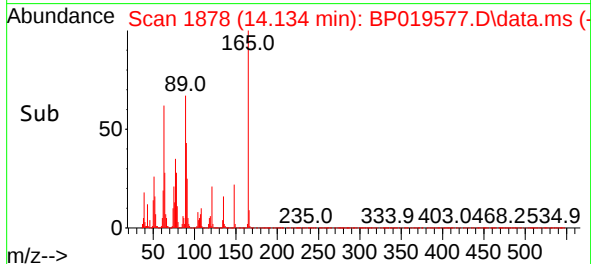
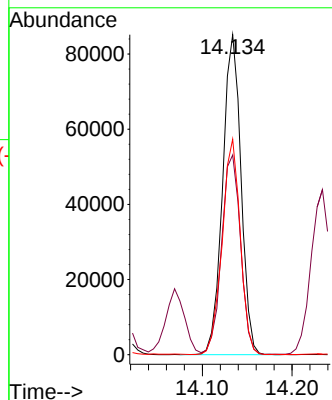
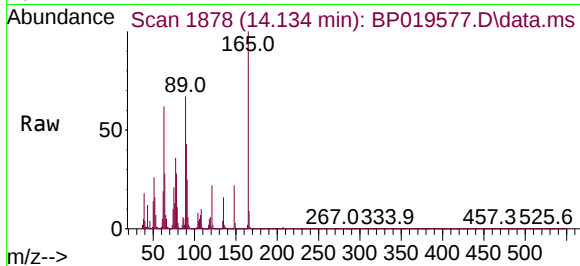




#51
2,6-Dinitrotoluene
Concen: 38.396 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

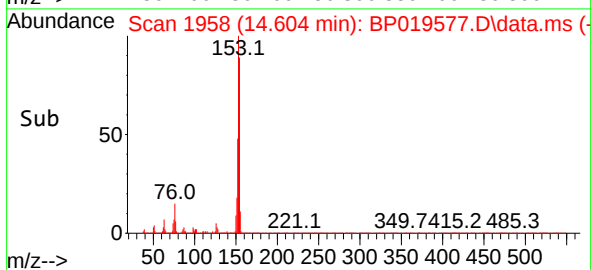
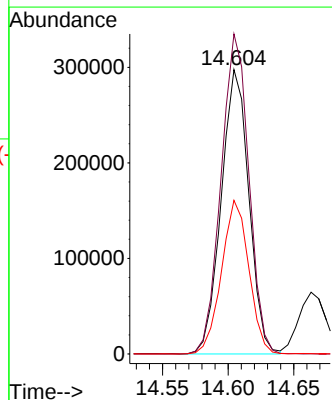
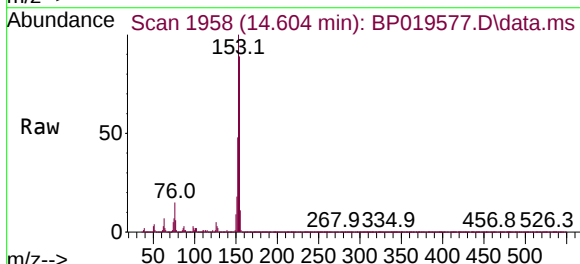
Instrument :
BNA_P
ClientSampleId :
PB158822BS

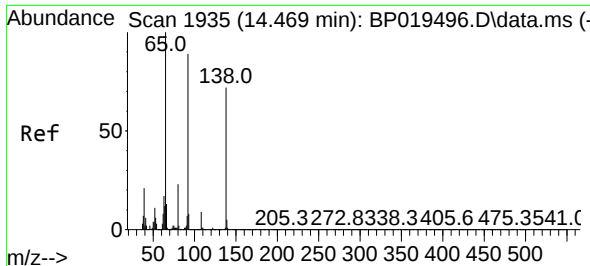
Tgt Ion:165 Resp: 120872
Ion Ratio Lower Upper
165 100
63 62.4 50.4 75.6
89 67.3 51.7 77.5



#52
Acenaphthene
Concen: 40.891 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:154 Resp: 436627
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 54.0 42.1 63.1

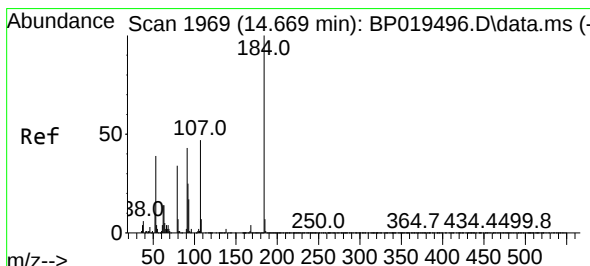
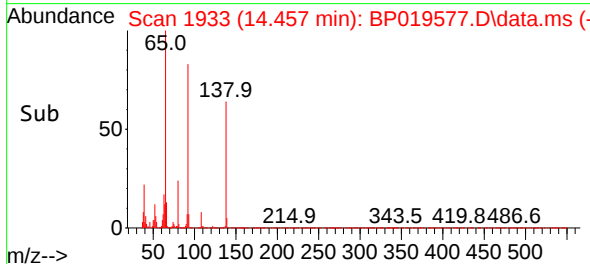
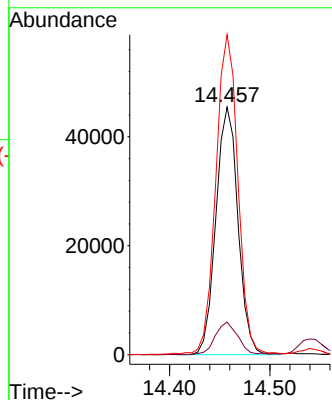
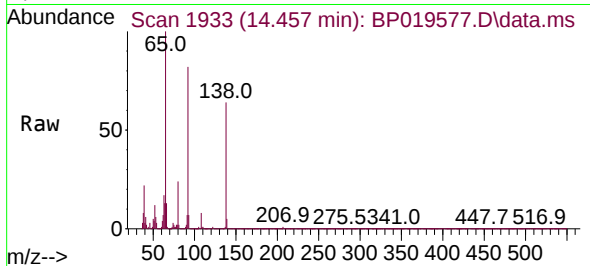




#53
3-Nitroaniline
Concen: 24.026 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

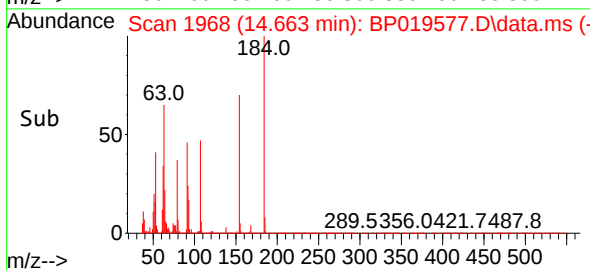
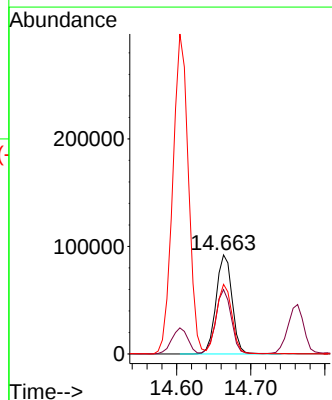
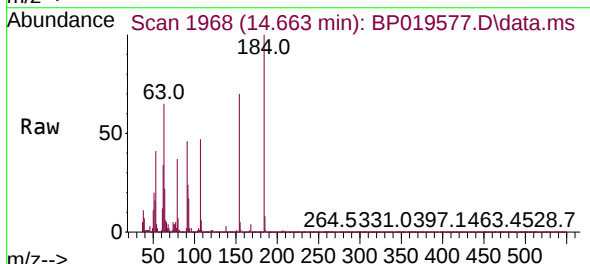
Instrument :
BNA_P
ClientSampleId :
PB158822BS

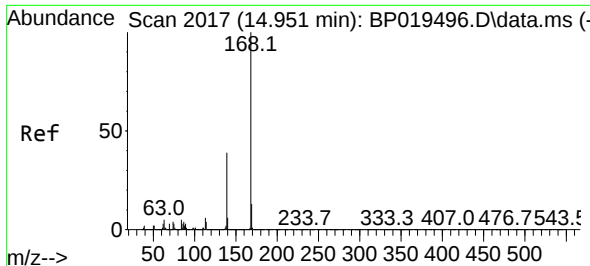
Tgt Ion:138 Resp: 69507
Ion Ratio Lower Upper
138 100
108 13.2 9.7 14.5
92 129.3 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 84.432 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:184 Resp: 138004
Ion Ratio Lower Upper
184 100
63 64.9 50.5 75.7
154 70.2 53.4 80.0

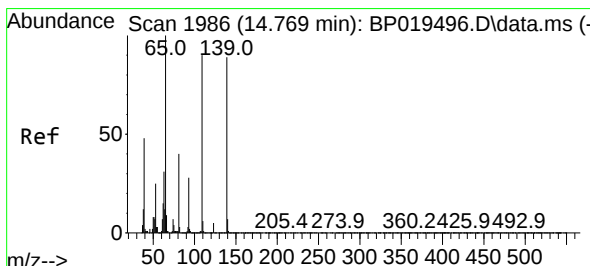
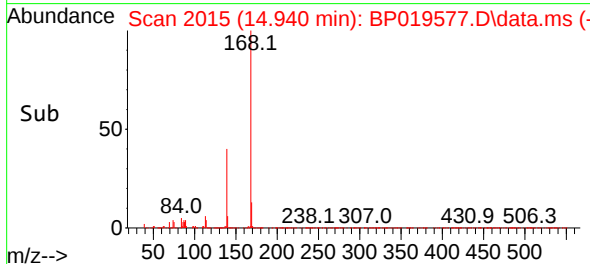
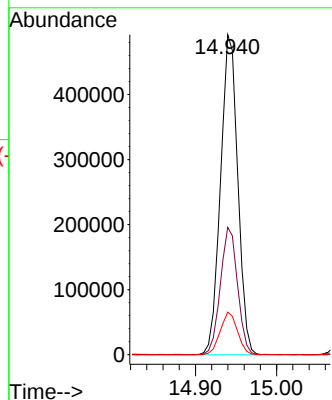
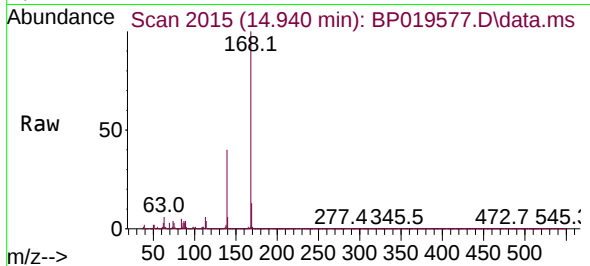




#55
Dibenzofuran
Concen: 41.811 ng
RT: 14.940 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

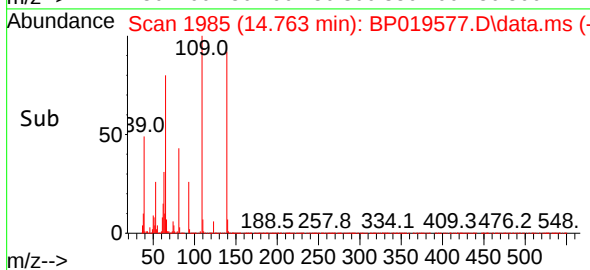
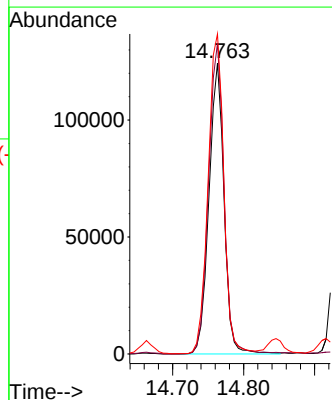
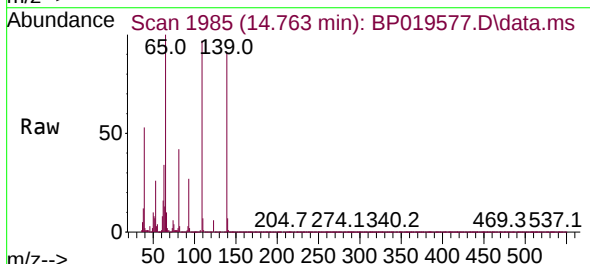
Instrument :
BNA_P
ClientSampleId :
PB158822BS

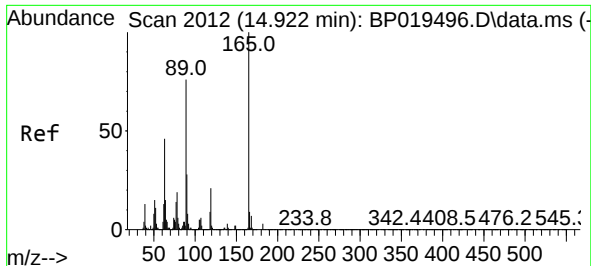
Tgt Ion:168 Resp: 727136
Ion Ratio Lower Upper
168 100
139 39.8 31.5 47.3
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 77.402 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

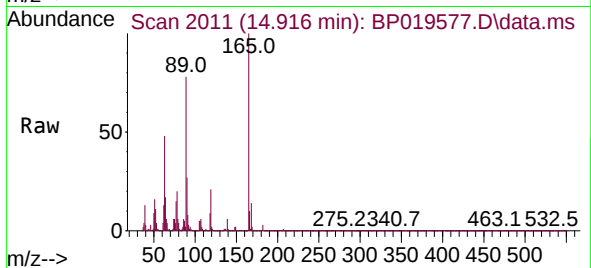
Tgt Ion:139 Resp: 183540
Ion Ratio Lower Upper
139 100
109 106.8 82.0 122.0
65 110.0 92.9 132.9



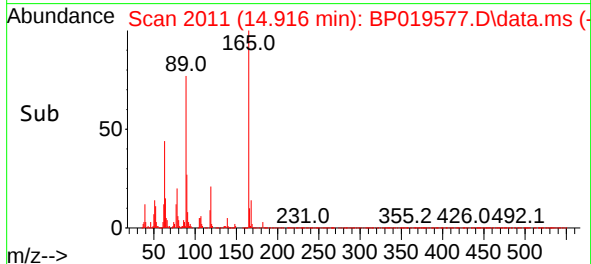
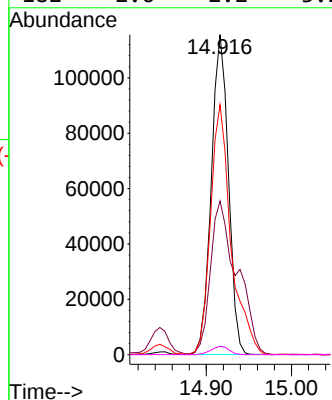


#57
2,4-Dinitrotoluene
Concen: 38.986 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Instrument :
BNA_P
ClientSampleId :
PB158822BS

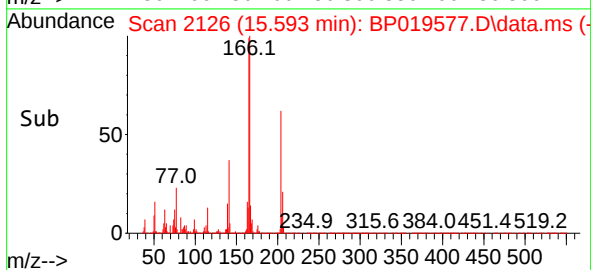
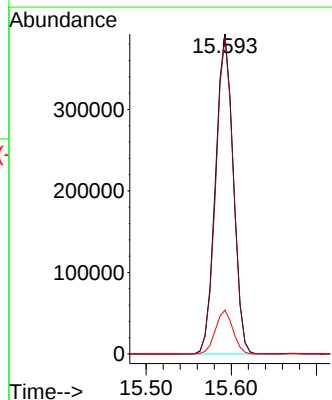
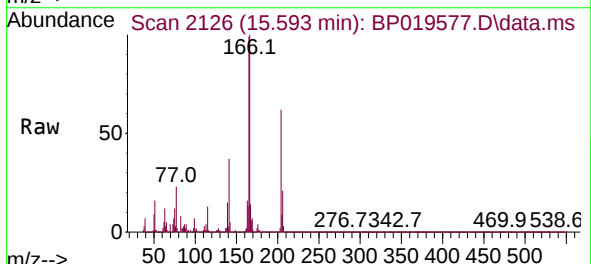


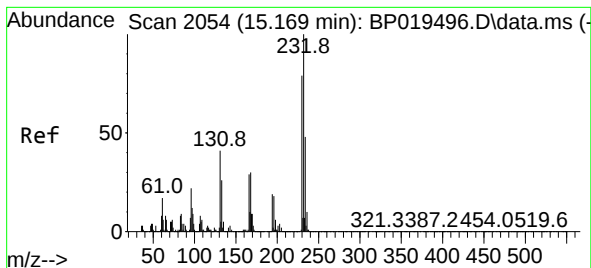
Tgt Ion:165 Resp: 160829
Ion Ratio Lower Upper
165 100
63 48.0 36.9 55.3
89 78.1 61.1 91.7
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.069 ng
RT: 15.593 min Scan# 2126
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:166 Resp: 568876
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.8
167 13.7 10.7 16.1



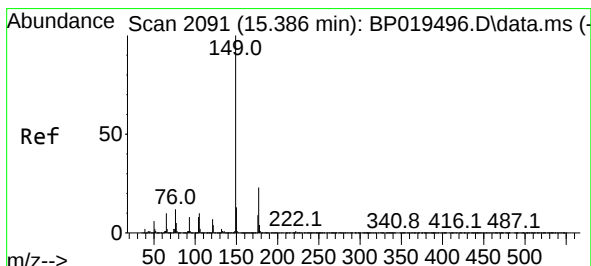
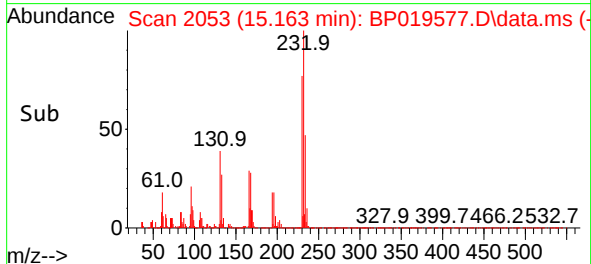
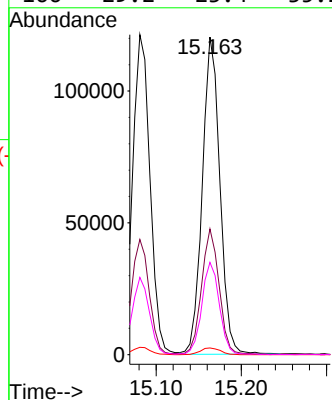
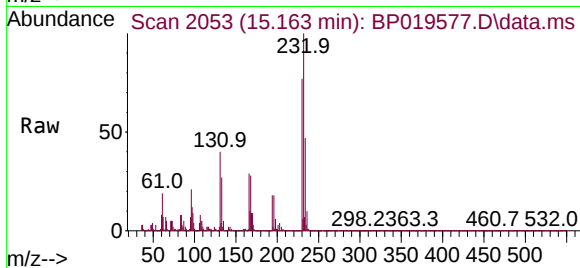


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.783 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Instrument :
BNA_P
ClientSampleId :
PB158822BS

Tgt Ion:232 Resp: 172720

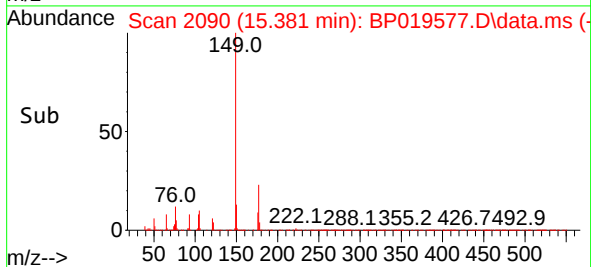
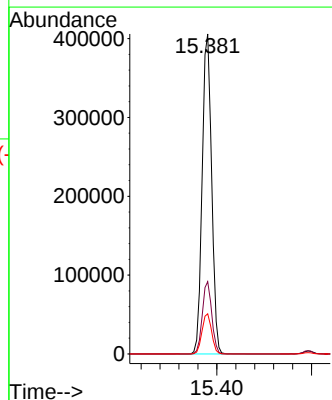
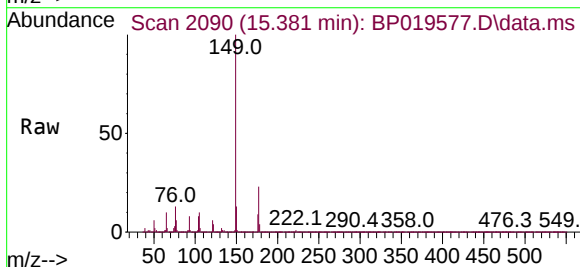
Ion	Ratio	Lower	Upper
232	100		
131	39.3	32.4	48.6
130	2.4	1.9	2.9
166	29.2	23.4	35.2

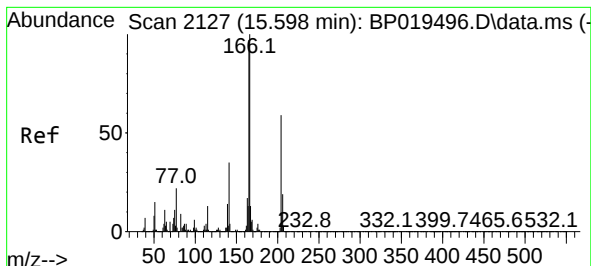


#60
Diethylphthalate
Concen: 39.265 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:149 Resp: 559592

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.2
150	12.5	10.2	15.4

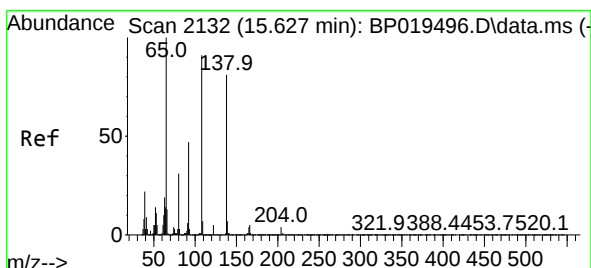
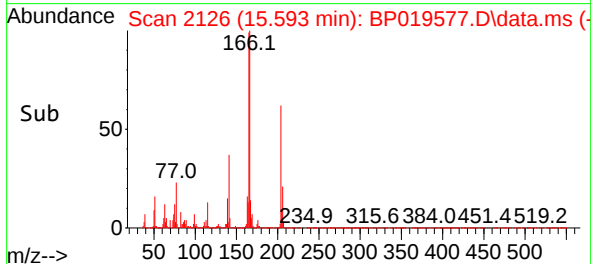
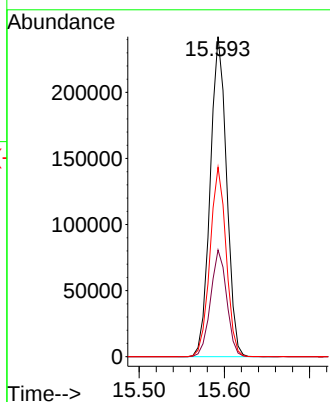
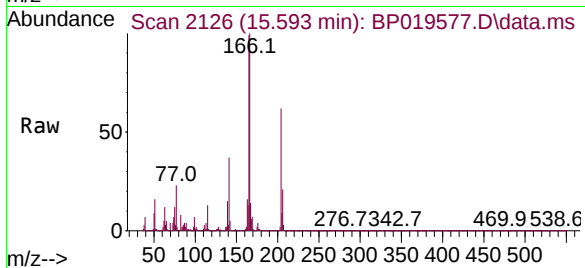




#61
4-Chlorophenyl-phenylether
Concen: 41.549 ng
RT: 15.593 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

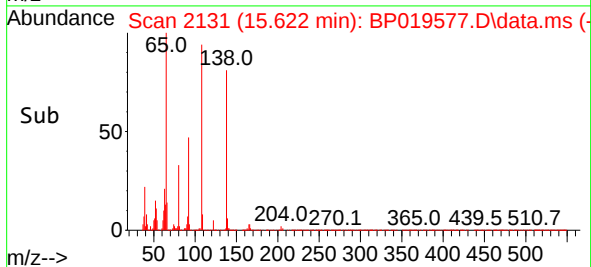
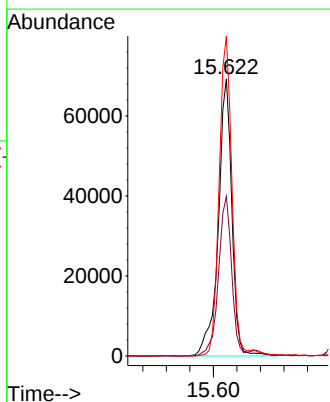
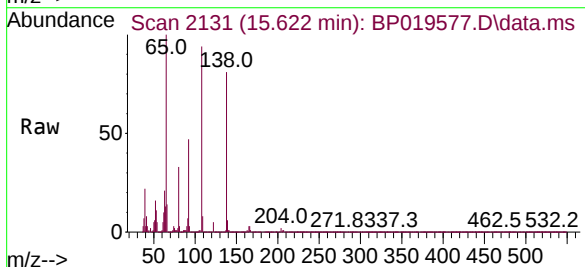
Instrument :
BNA_P
ClientSampleId :
PB158822BS

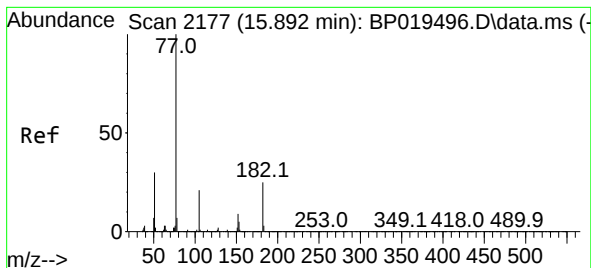
Tgt Ion:204 Resp: 323471
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.2 48.5 72.7



#62
4-Nitroaniline
Concen: 36.726 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:138 Resp: 111370
Ion Ratio Lower Upper
138 100
92 57.6 38.3 78.3
108 115.5 91.2 131.2



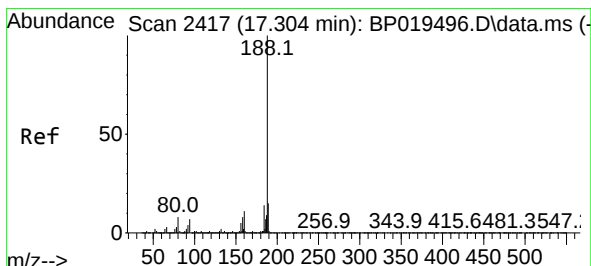
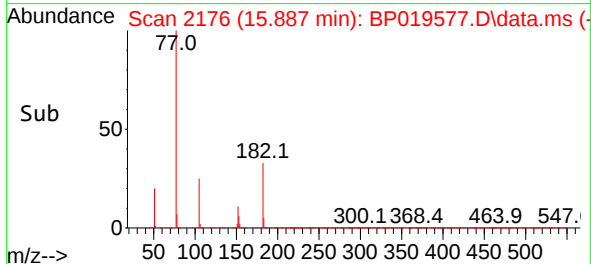
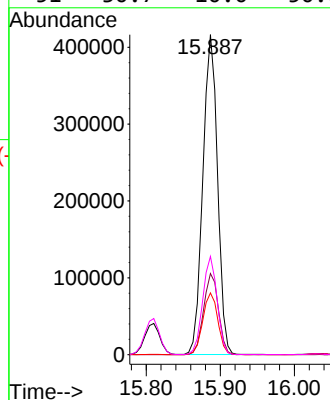
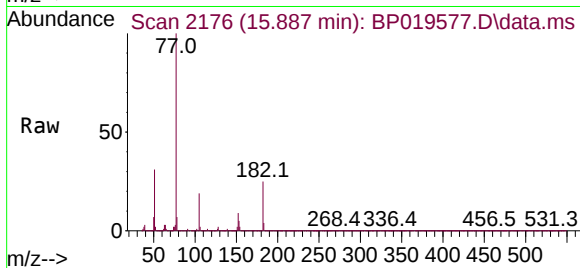


#63
Azobenzene
Concen: 41.536 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Instrument :
BNA_P
ClientSampleId :
PB158822BS

Tgt Ion: 77 Resp: 572429

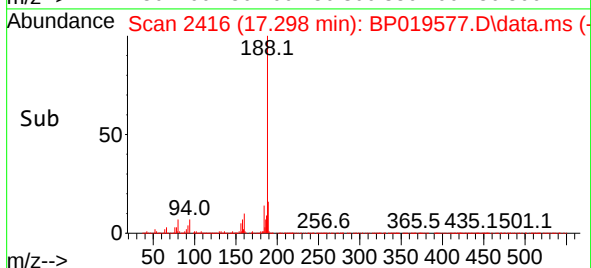
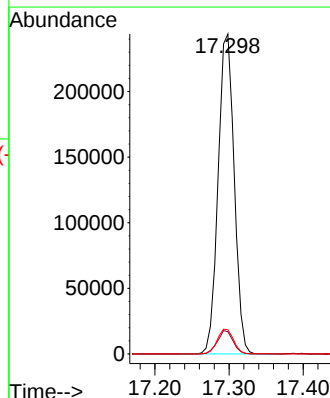
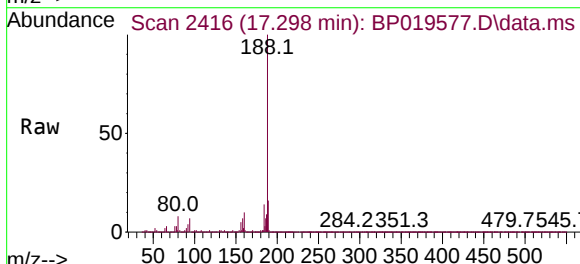
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.1	45.1
105	19.3	0.8	40.8
51	30.7	10.0	50.0

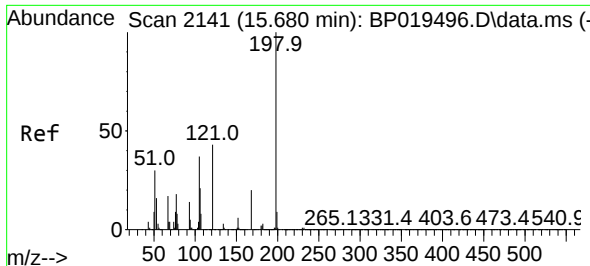


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion: 188 Resp: 367163

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.4	8.2
80	7.5	6.3	9.5

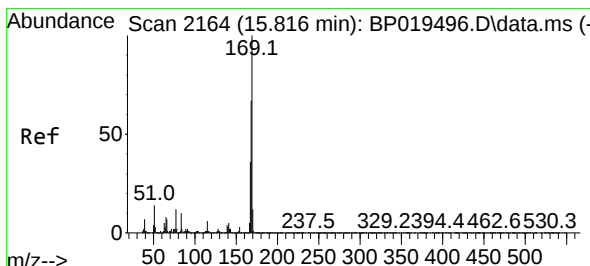
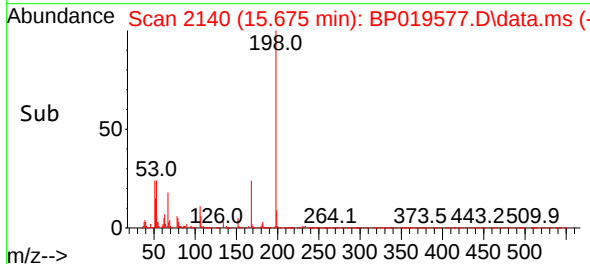
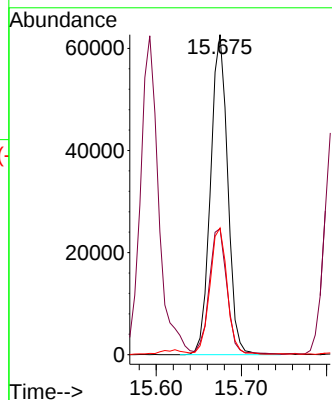
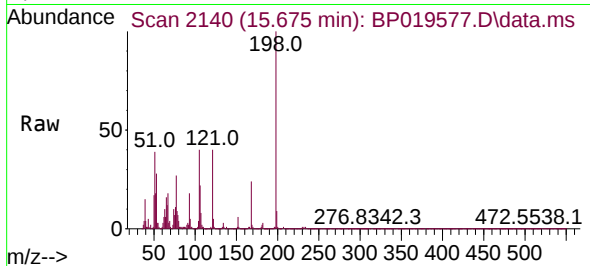




#65
4,6-Dinitro-2-methylphenol
Concen: 41.889 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

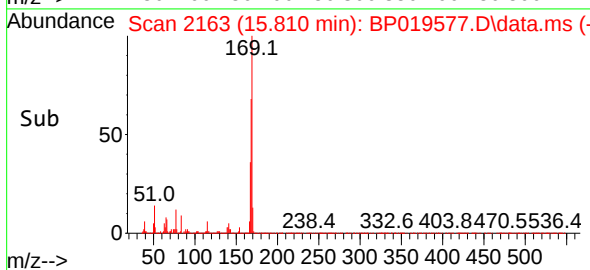
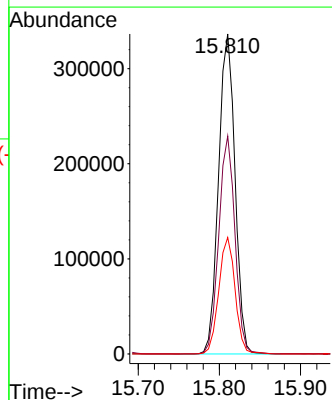
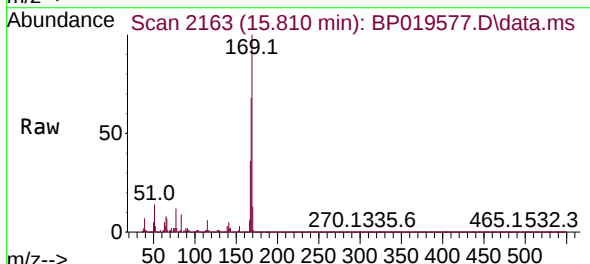
Instrument :
BNA_P
ClientSampleId :
PB158822BS

Tgt Ion:198 Resp: 87699
Ion Ratio Lower Upper
198 100
51 39.4 21.2 61.2
105 39.6 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 43.186 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:169 Resp: 474874
Ion Ratio Lower Upper
169 100
168 68.1 53.4 80.2
167 36.4 28.9 43.3

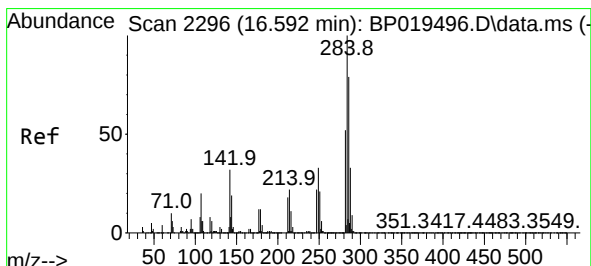
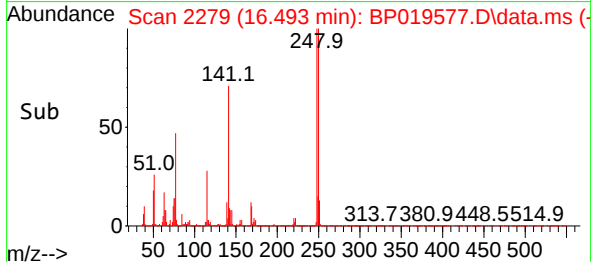
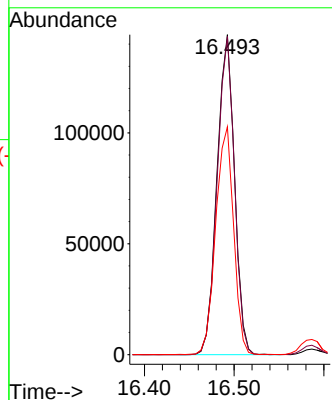
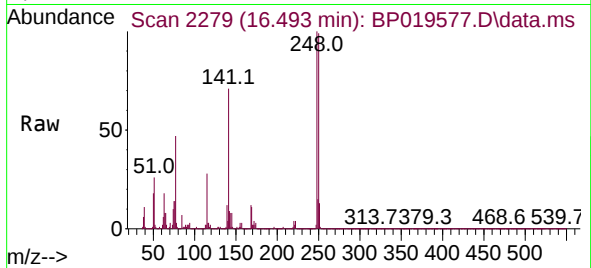




#67
4-Bromophenyl-phenylether
Concen: 42.606 ng
RT: 16.493 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

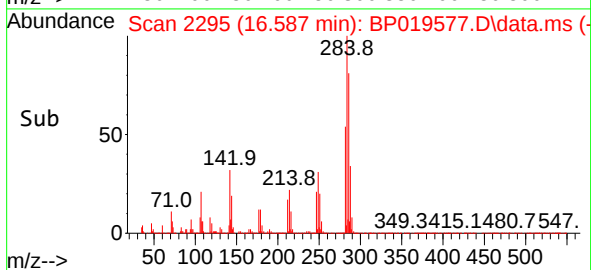
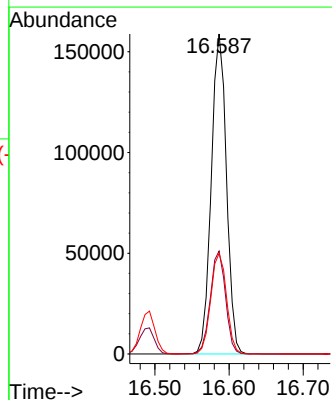
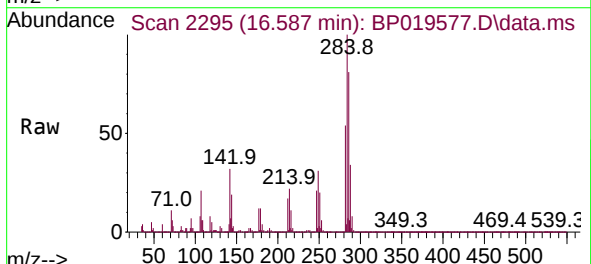
Instrument :
BNA_P
ClientSampleId :
PB158822BS

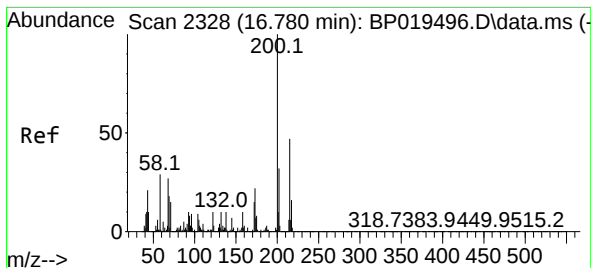
Tgt Ion:248 Resp: 195563
Ion Ratio Lower Upper
248 100
250 99.4 76.9 115.3
141 71.2 58.0 87.0



#68
Hexachlorobenzene
Concen: 42.119 ng
RT: 16.587 min Scan# 2295
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:284 Resp: 225761
Ion Ratio Lower Upper
284 100
142 32.2 25.4 38.2
249 31.4 26.5 39.7





#69

Atrazine

Concen: 47.822 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

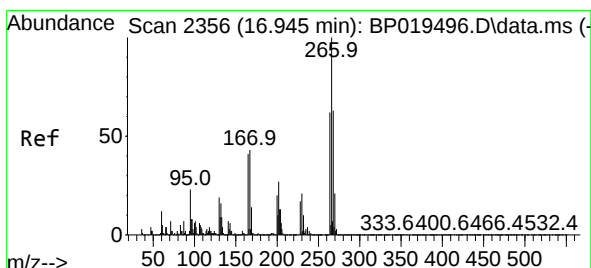
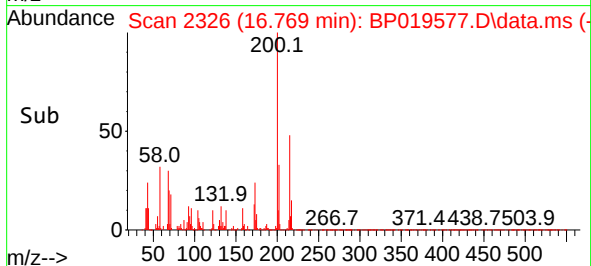
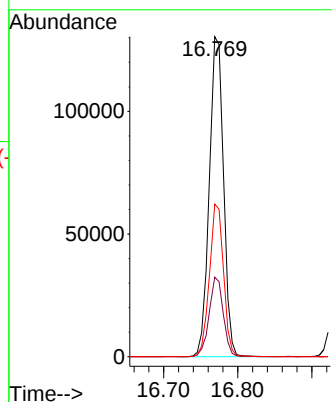
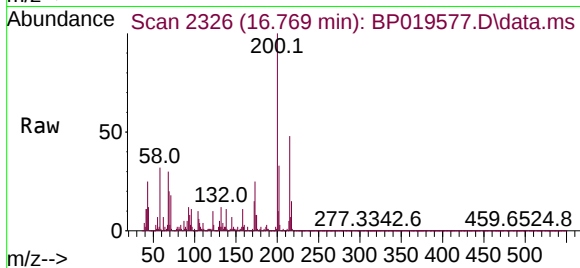
Tgt Ion:200 Resp: 174497

Ion Ratio Lower Upper

200 100

173 24.8 1.7 41.7

215 47.7 26.9 66.9



#70

Pentachlorophenol

Concen: 84.055 ng

RT: 16.940 min Scan# 2355

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

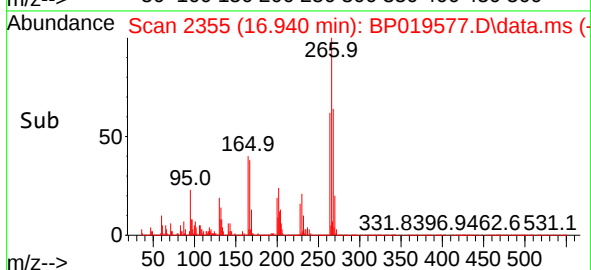
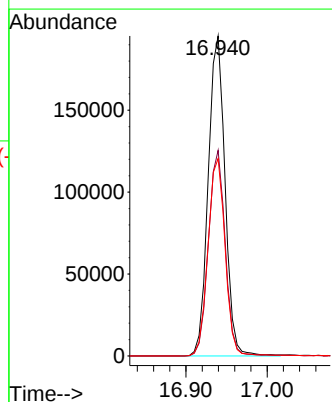
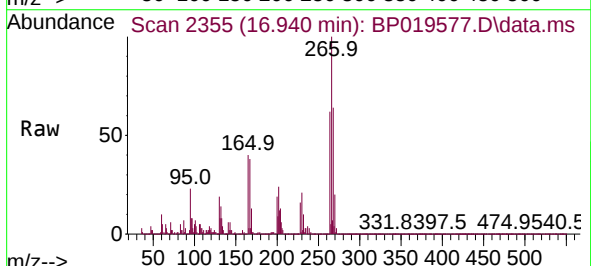
Tgt Ion:266 Resp: 280571

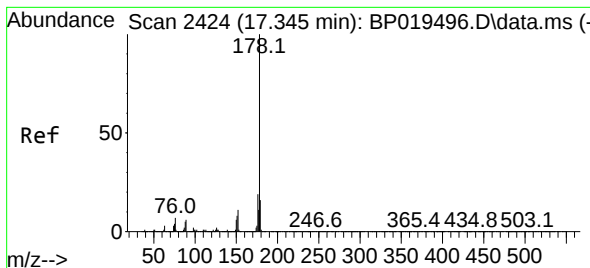
Ion Ratio Lower Upper

266 100

268 64.3 50.3 75.5

264 61.7 49.7 74.5





#71

Phenanthrene

Concen: 43.356 ng

RT: 17.340 min Scan# 2424

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

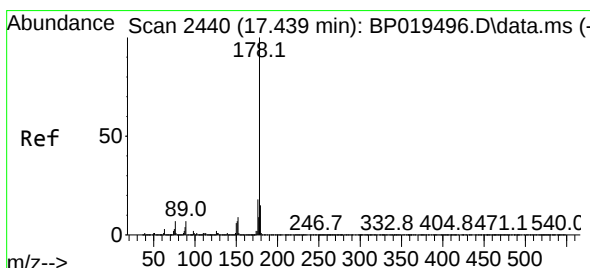
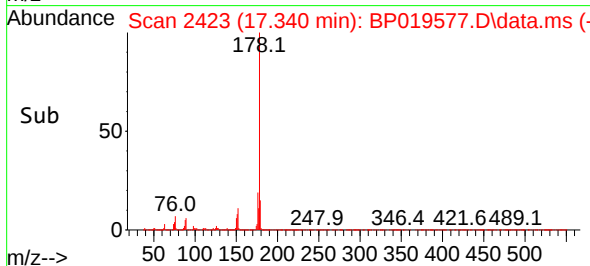
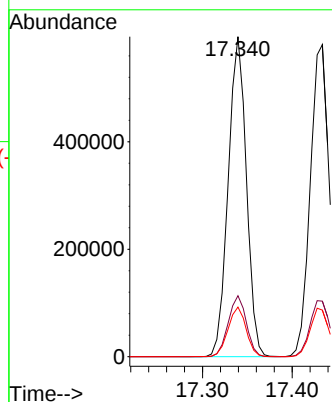
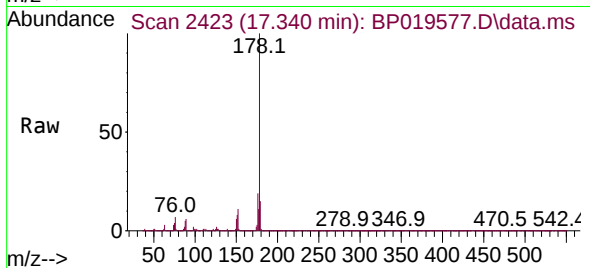
Tgt Ion:178 Resp: 837756

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.5 12.6 19.0



#72

Anthracene

Concen: 44.201 ng

RT: 17.434 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

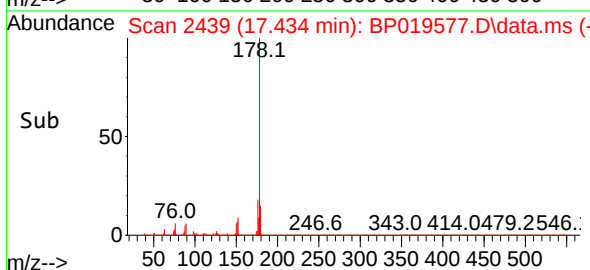
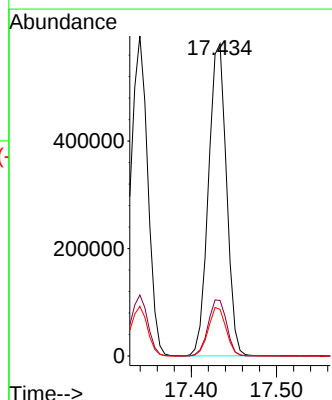
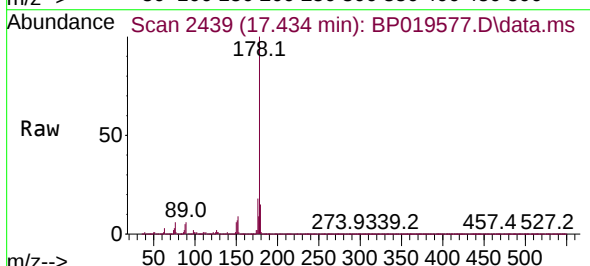
Tgt Ion:178 Resp: 851984

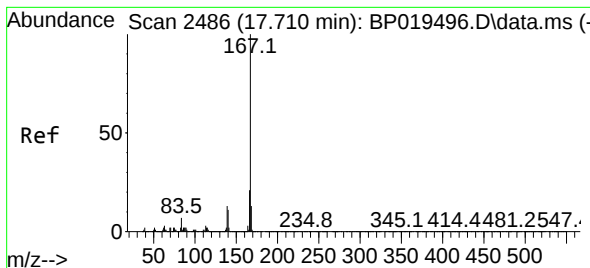
Ion Ratio Lower Upper

178 100

176 17.8 14.7 22.1

179 14.9 12.2 18.2





#73

Carbazole

Concen: 40.722 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

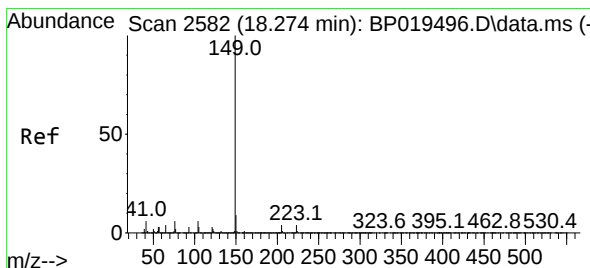
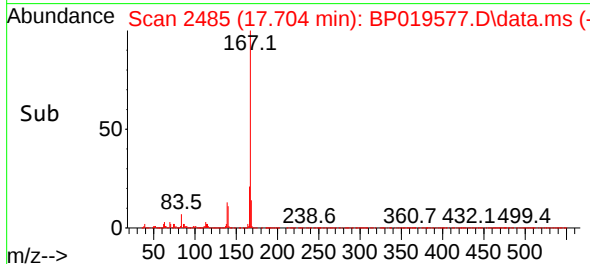
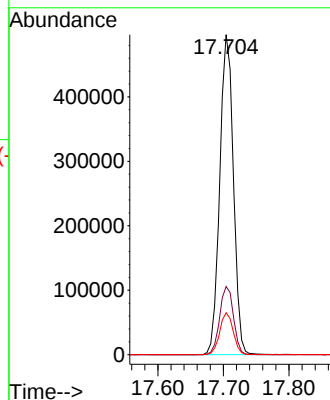
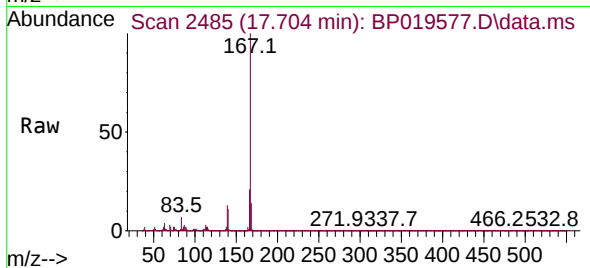
Tgt Ion:167 Resp: 713073

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: 40.253 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

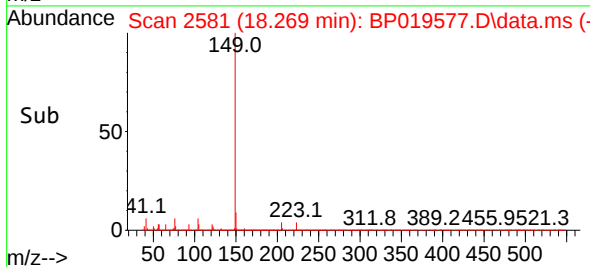
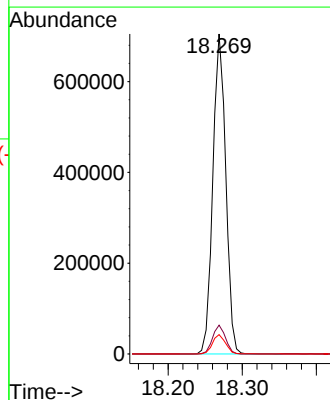
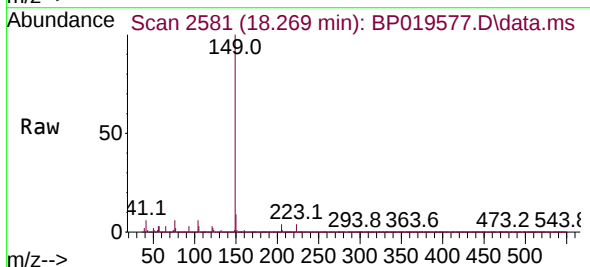
Tgt Ion:149 Resp: 852253

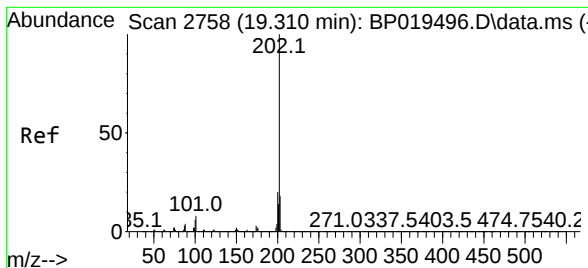
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 6.1 4.8 7.2





#75

Fluoranthene

Concen: 40.334 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

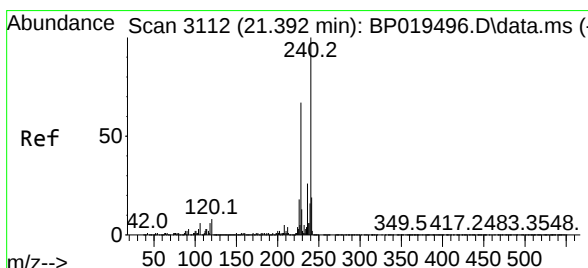
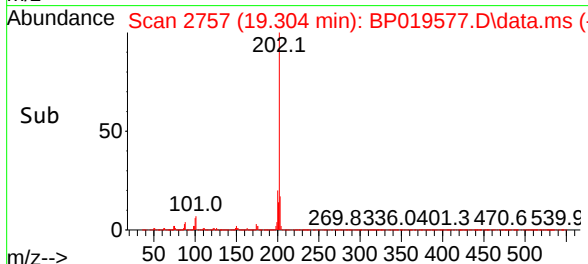
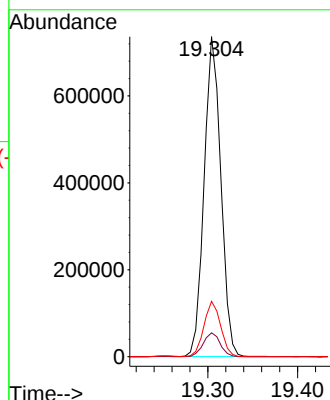
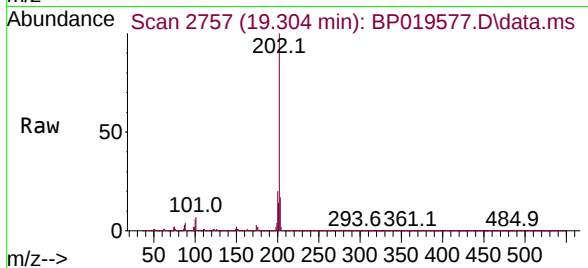
Tgt Ion:202 Resp: 952070

Ion Ratio Lower Upper

202 100

101 7.5 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. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

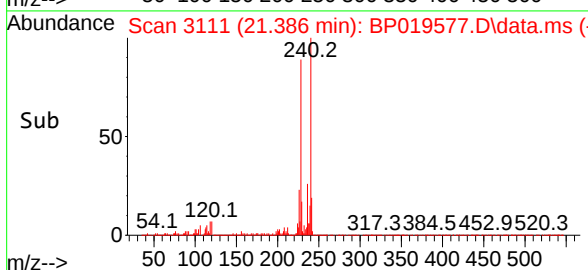
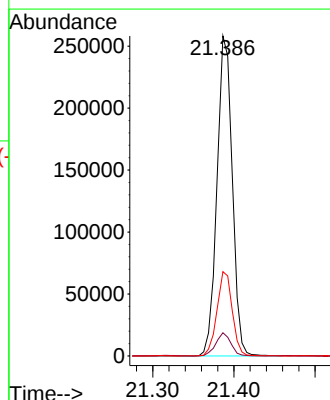
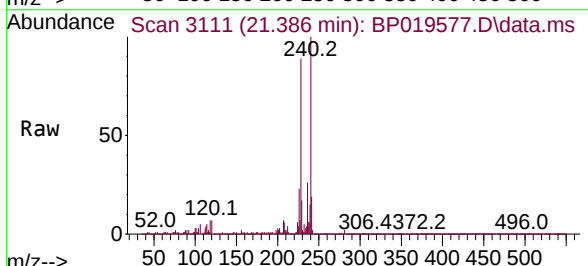
Tgt Ion:240 Resp: 338103

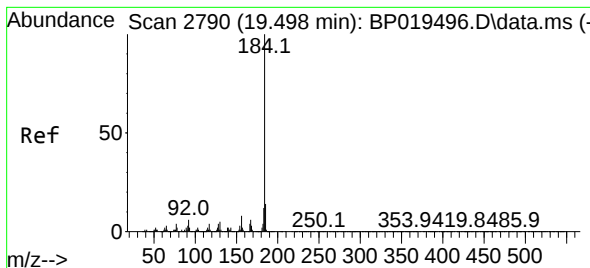
Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

236 26.4 20.7 31.1





#77

Benzidine

Concen: 46.886 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

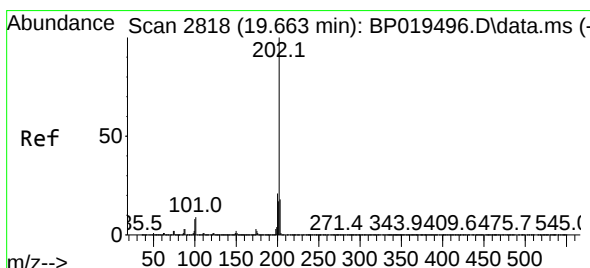
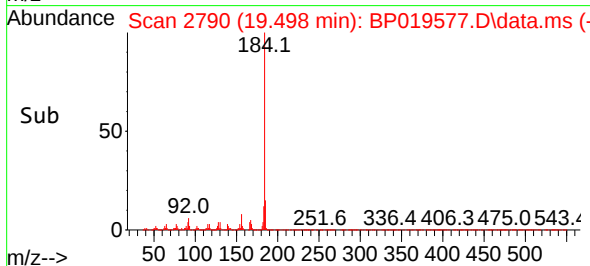
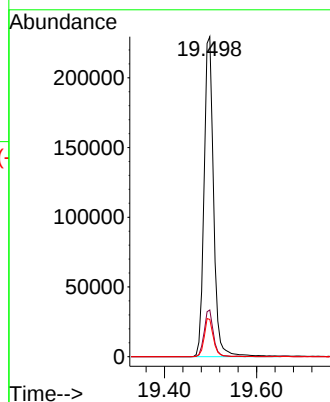
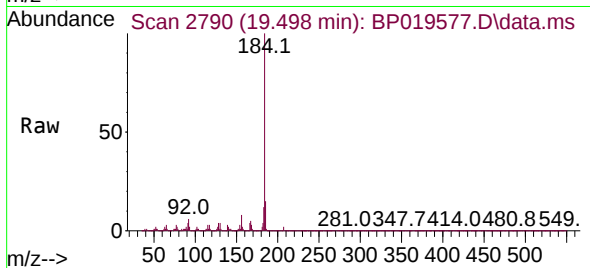
Tgt Ion:184 Resp: 331419

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

183 11.7 9.7 14.5



#78

Pyrene

Concen: 41.245 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

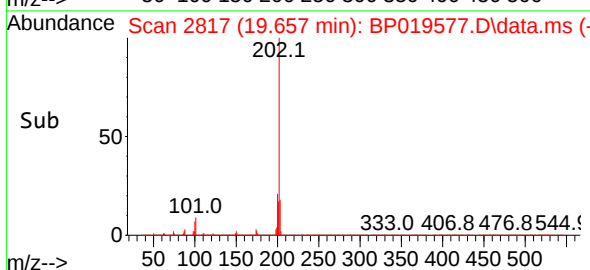
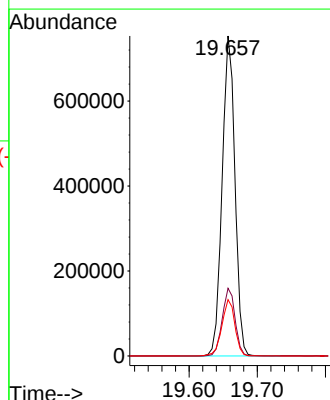
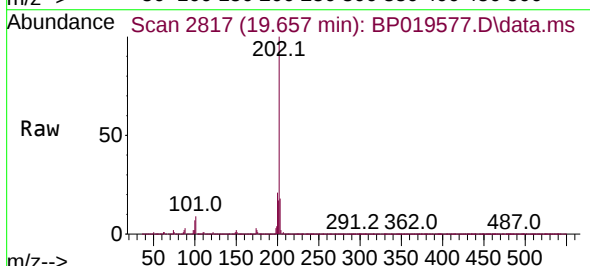
Tgt Ion:202 Resp: 984185

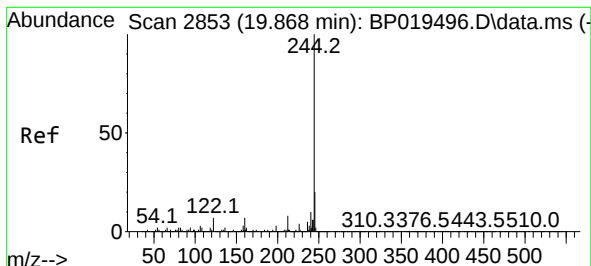
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 80.281 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

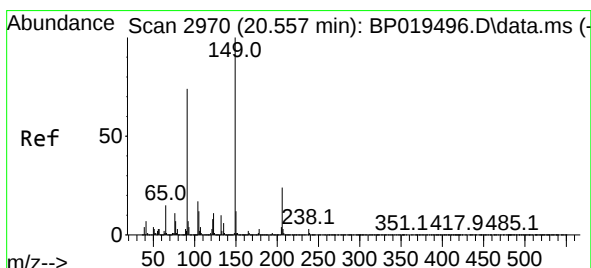
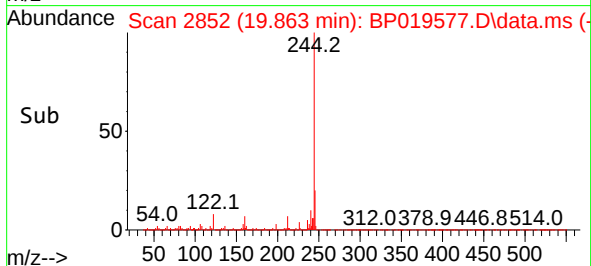
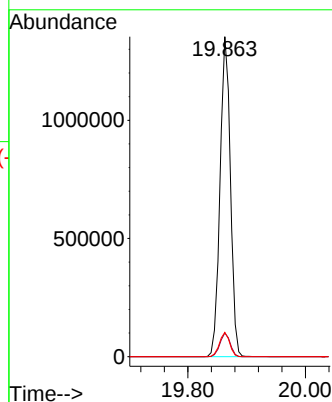
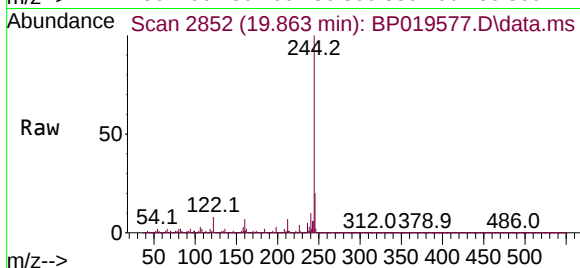
BNA_P

ClientSampleId :

PB158822BS

Tgt Ion:244 Resp: 1650504

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	7.6	5.9	8.9



#80

Butylbenzylphthalate

Concen: 39.528 ng

RT: 20.551 min Scan# 2969

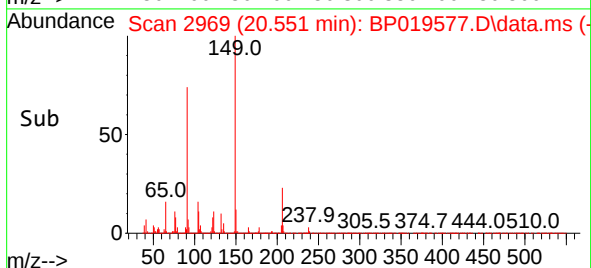
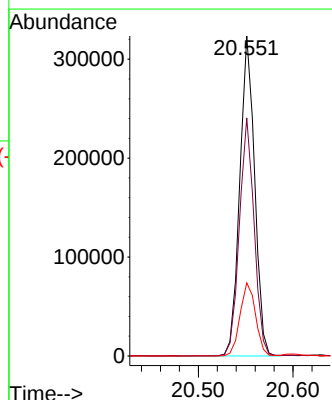
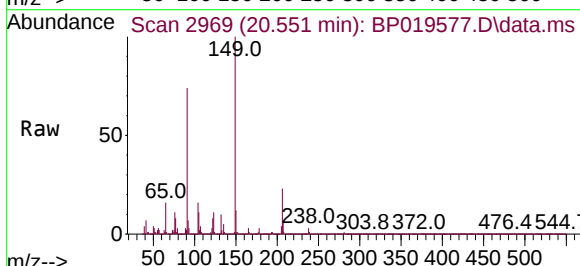
Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Tgt Ion:149 Resp: 352241

Ion	Ratio	Lower	Upper
149	100		
91	74.4	59.4	89.0
206	22.8	19.0	28.6

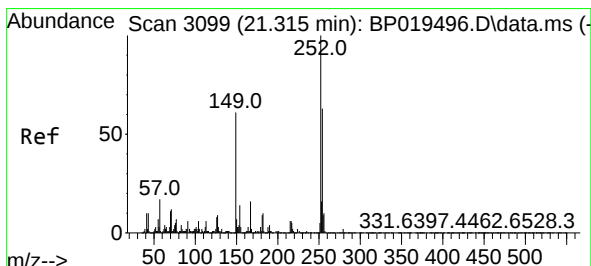
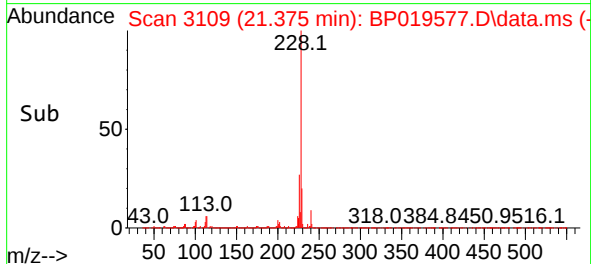
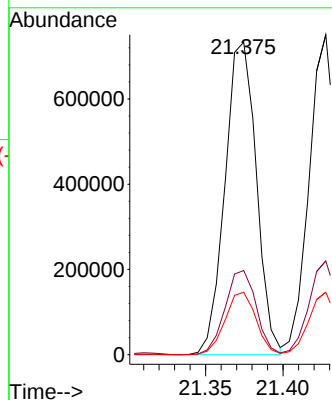
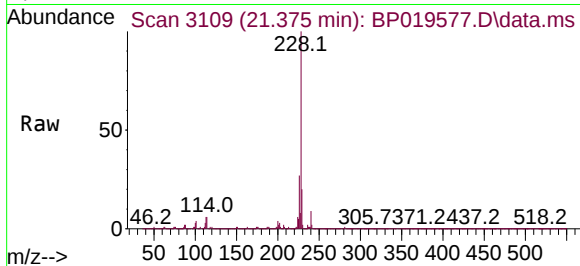




#81
Benzo(a)anthracene
Concen: 43.403 ng
RT: 21.375 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

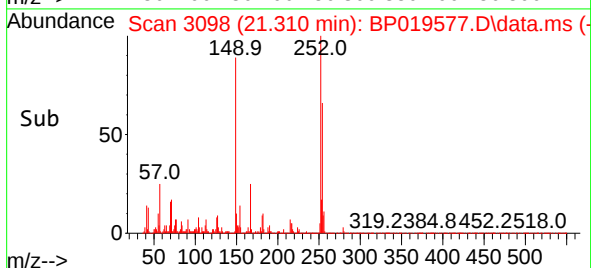
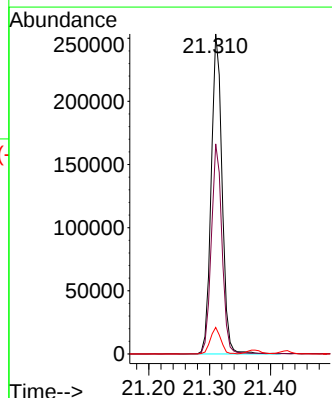
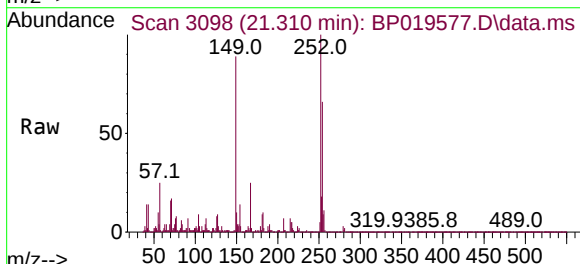
Instrument :
BNA_P
ClientSampleId :
PB158822BS

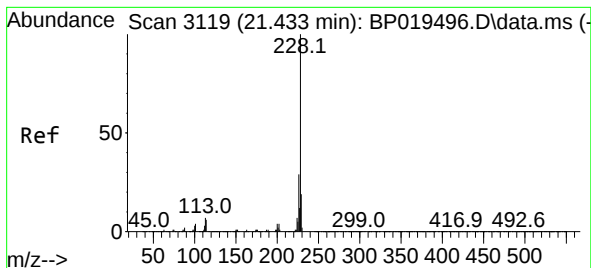
Tgt Ion:228 Resp: 1032998
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 36.209 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.005 min
Lab File: BP019577.D
Acq: 06 Feb 2024 17:01

Tgt Ion:252 Resp: 314026
Ion Ratio Lower Upper
252 100
254 65.6 50.7 76.1
126 8.3 6.4 9.6





#83

Chrysene

Concen: 43.129 ng

RT: 21.428 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

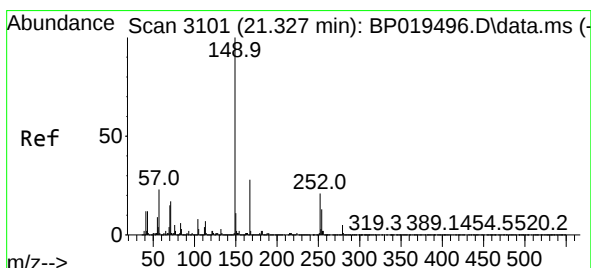
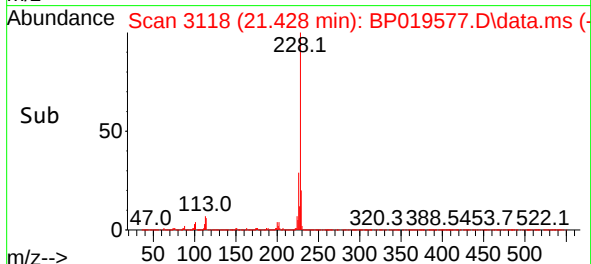
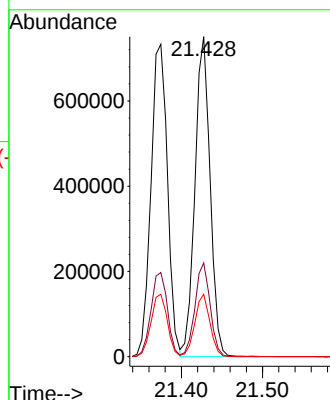
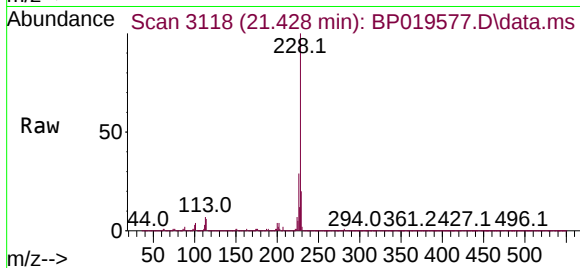
Tgt Ion:228 Resp: 974538

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.904 ng

RT: 21.322 min Scan# 3100

Delta R.T. -0.005 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

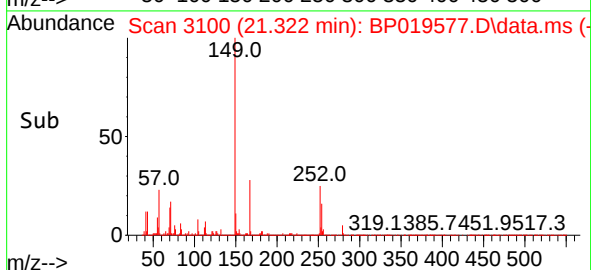
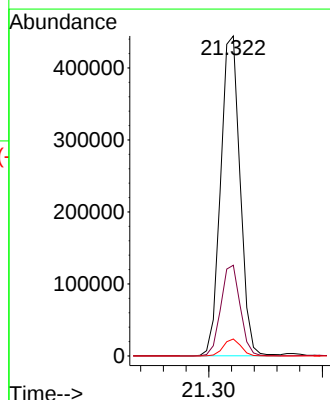
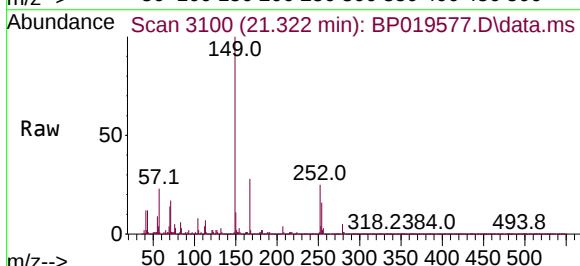
Tgt Ion:149 Resp: 527899

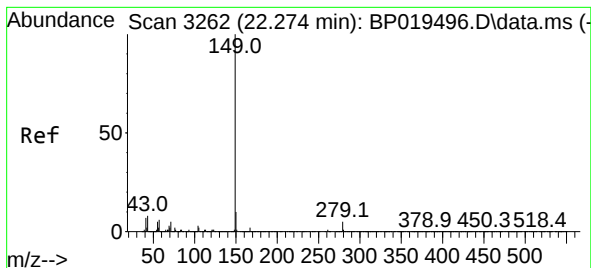
Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 38.737 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

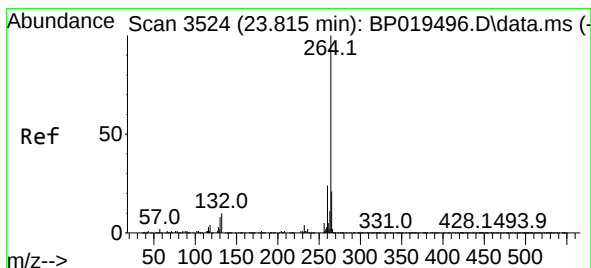
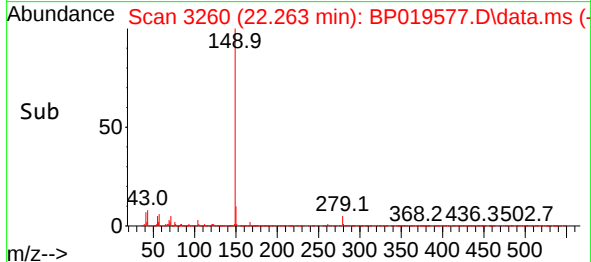
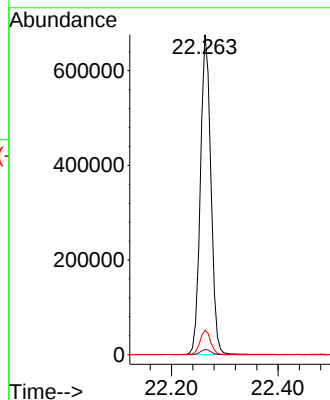
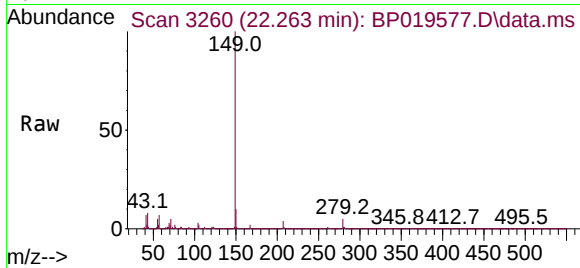
Tgt Ion:149 Resp: 924813

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

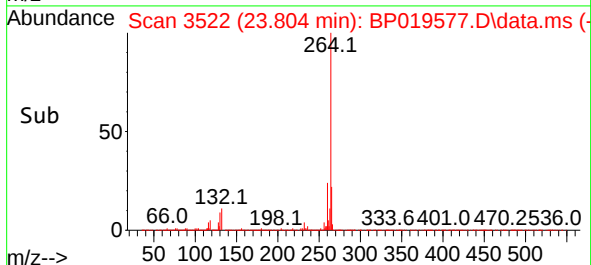
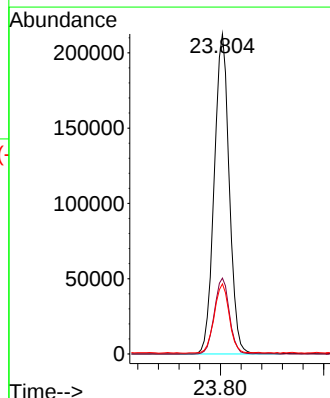
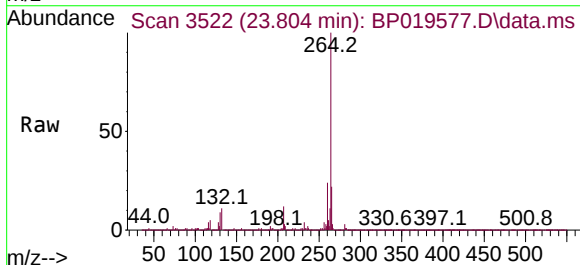
Tgt Ion:264 Resp: 428262

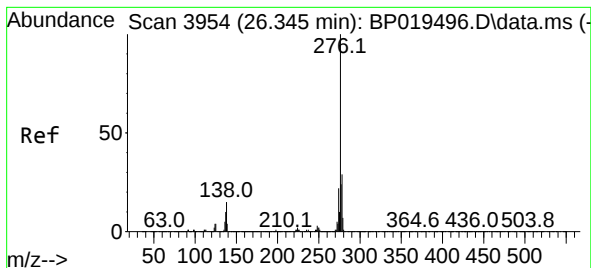
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.477 ng

RT: 26.333 min Scan# 3952

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

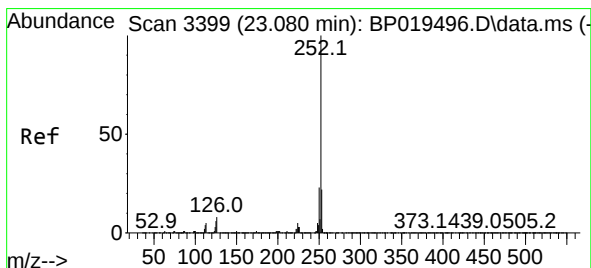
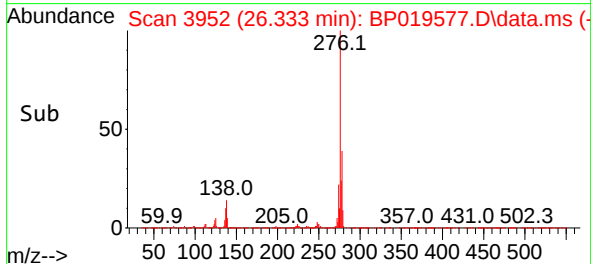
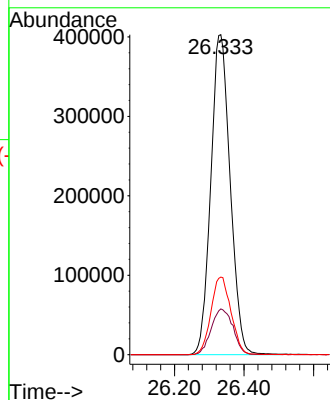
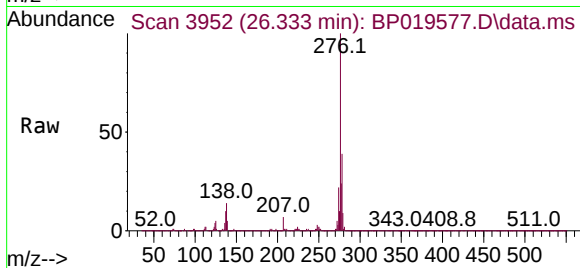
Tgt Ion:276 Resp: 1556373

Ion Ratio Lower Upper

276 100

138 16.1 13.1 19.7

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 41.750 ng

RT: 23.069 min Scan# 3397

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

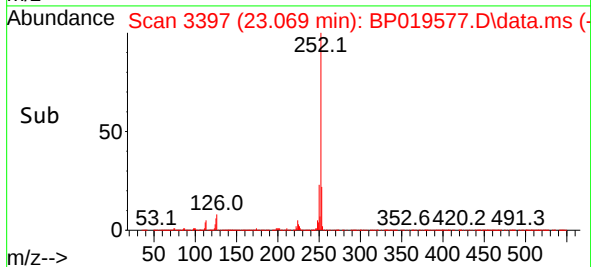
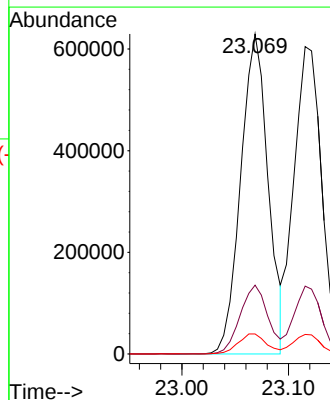
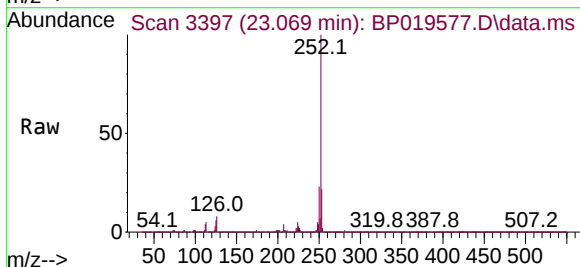
Tgt Ion:252 Resp: 1126887

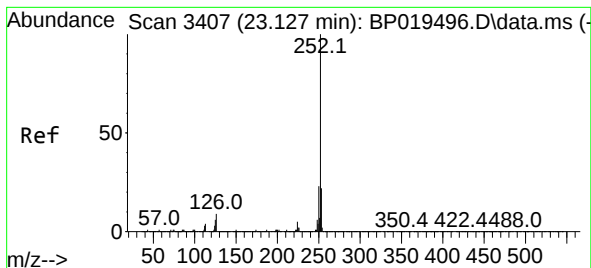
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 6.2 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 42.361 ng

RT: 23.116 min Scan# 34

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

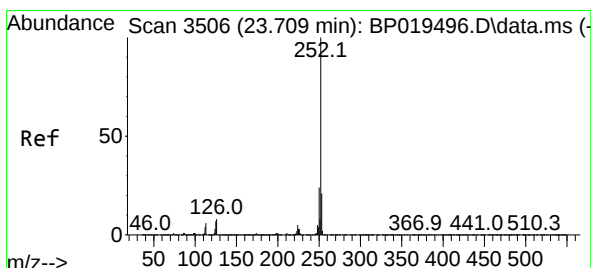
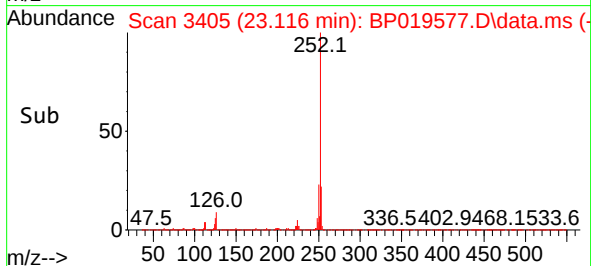
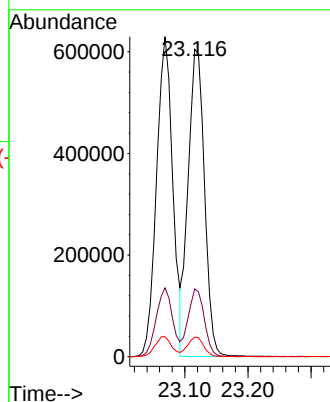
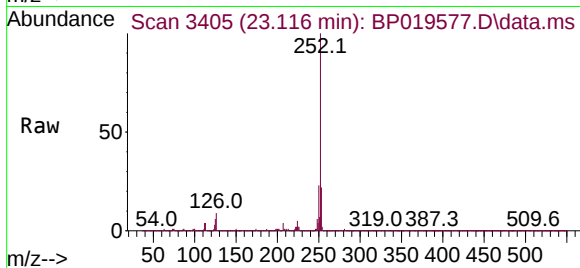
Tgt Ion:252 Resp: 1092197

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 6.4 5.0 7.6



#90

Benzo(a)pyrene

Concen: 44.009 ng

RT: 23.698 min Scan# 3504

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

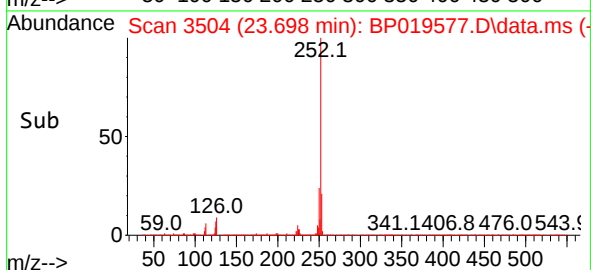
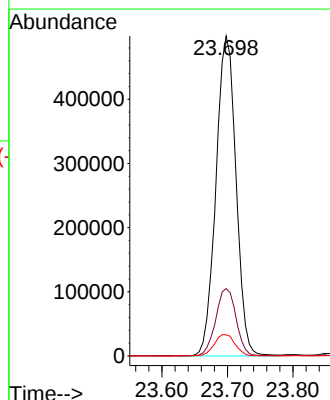
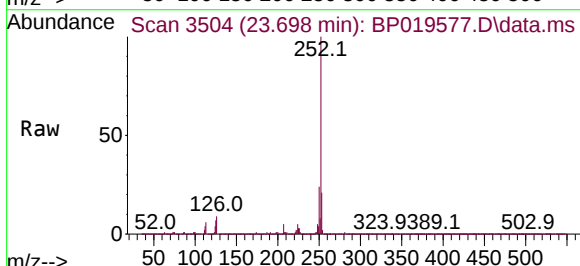
Tgt Ion:252 Resp: 1056921

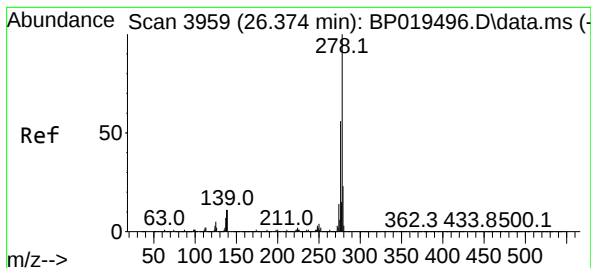
Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

125 6.6 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 46.899 ng

RT: 26.357 min Scan# 3956

Delta R.T. -0.017 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Instrument :

BNA_P

ClientSampleId :

PB158822BS

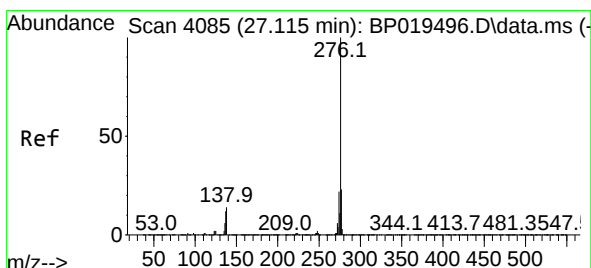
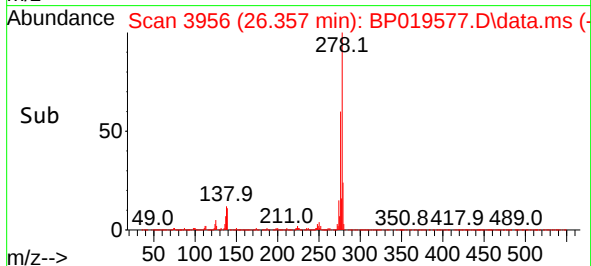
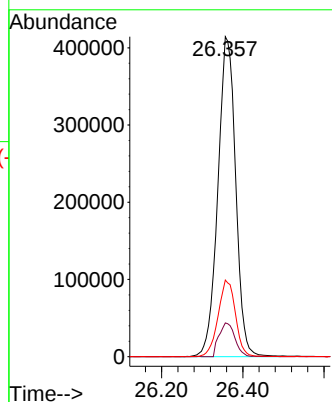
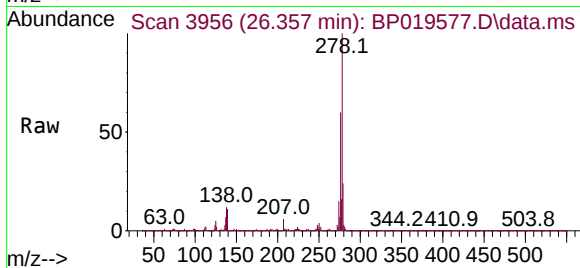
Tgt Ion:278 Resp: 1264487

Ion Ratio Lower Upper

278 100

139 10.6 8.6 12.8

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.345 ng

RT: 27.104 min Scan# 4083

Delta R.T. -0.011 min

Lab File: BP019577.D

Acq: 06 Feb 2024 17:01

Tgt Ion:276 Resp: 1240303

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 13.5 10.9 16.3

