

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019913.D
 Acq On : 28 Feb 2024 13:06
 Operator : MA/JU
 Sample : PB159321BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159321BS

Quant Time: Feb 28 13:39:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	76488	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	455961	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	253303	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	620271	20.000	ng	0.00
76) Chrysene-d12	21.410	240	603306	20.000	ng	0.00
86) Perylene-d12	23.827	264	591490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	771182	165.489	ng	0.00
7) Phenol-d6	7.081	99	979351	141.156	ng	0.00
23) Nitrobenzene-d5	9.075	82	927547	82.126	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	673747	155.124	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1696108	90.470	ng	0.00
79) Terphenyl-d14	19.875	244	3512507	91.765	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.376	88	54130	33.584	ng	97
3) Pyridine	3.776	79	148599	30.143	ng	98
4) n-Nitrosodimethylamine	3.699	42	93396	45.974	ng	99
6) Aniline	7.234	93	217521	25.557	ng	99
8) 2-Chlorophenol	7.464	128	261017	51.943	ng	98
9) Benzaldehyde	7.052	77	44002	11.111	ng	95
10) Phenol	7.105	94	344162	49.747	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	236022	43.316	ng	99
12) 1,3-Dichlorobenzene	7.787	146	258259	47.337	ng	99
13) 1,4-Dichlorobenzene	7.940	146	264871	47.943	ng	98
14) 1,2-Dichlorobenzene	8.252	146	256228	46.232	ng	99
15) Benzyl Alcohol	8.152	79	284575	46.493	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	230733	39.661	ng	97
17) 2-Methylphenol	8.352	107	233029	45.038	ng	99
18) Hexachloroethane	8.969	117	126722	59.192	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	225542	43.032	ng	99
20) 3+4-Methylphenols	8.687	107	335883	45.179	ng	98
22) Acetophenone	8.740	105	429394	30.322	ng	# 98
24) Nitrobenzene	9.116	77	474252	43.374	ng	98
25) Isophorone	9.646	82	873635	44.441	ng	99
26) 2-Nitrophenol	9.822	139	206362	47.167	ng	98
27) 2,4-Dimethylphenol	9.887	122	307032	42.510	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	498738	45.461	ng	99
29) 2,4-Dichlorophenol	10.358	162	407016	50.522	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	393750	44.488	ng	99
31) Naphthalene	10.752	128	1070127	43.834	ng	99
32) Benzoic acid	10.069	122	306962	50.163	ng	98
33) 4-Chloroaniline	10.881	127	225716	20.350	ng	99
34) Hexachlorobutadiene	11.022	225	263151	40.886	ng	100
35) Caprolactam	11.704	113	57607	19.390	ng	97
36) 4-Chloro-3-methylphenol	12.010	107	390423	39.286	ng	97
37) 2-Methylnaphthalene	12.363	142	659526	34.801	ng	100
38) 1-Methylnaphthalene	12.587	142	567967	31.673	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	418557	48.374	ng	99
41) Hexachlorocyclopentadiene	12.699	237	440836	98.396	ng	97
43) 2,4,6-Trichlorophenol	12.981	196	289970	50.756	ng	99

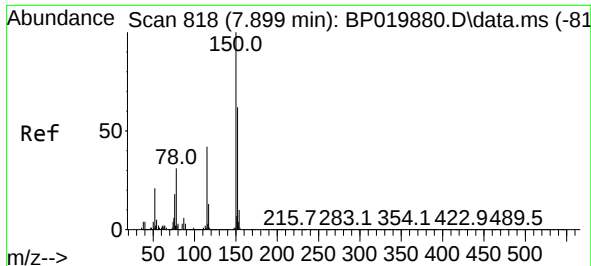
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	321918	47.303	ng	98
46) 1,1'-Biphenyl	13.381	154	860441	47.442	ng	99
47) 2-Chloronaphthalene	13.422	162	685193	48.673	ng	99
48) 2-Nitroaniline	13.640	65	232647	45.726	ng	98
49) Acenaphthylene	14.269	152	1125096	49.331	ng	100
50) Dimethylphthalate	14.022	163	940891	45.502	ng	100
51) 2,6-Dinitrotoluene	14.146	165	210729	47.351	ng	99
52) Acenaphthene	14.610	154	635588	46.413	ng	99
53) 3-Nitroaniline	14.475	138	134658	30.567	ng	98
54) 2,4-Dinitrophenol	14.687	184	301540	103.943	ng	100
55) Dibenzofuran	14.946	168	1120429	47.940	ng	100
56) 4-Nitrophenol	14.793	139	355302	103.103	ng	98
57) 2,4-Dinitrotoluene	14.934	165	305717	48.268	ng	100
58) Fluorene	15.598	166	924328	48.765	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	318644	51.034	ng	97
60) Diethylphthalate	15.387	149	953269	46.664	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	523688	48.310	ng	99
62) 4-Nitroaniline	15.645	138	192892	42.039	ng	96
63) Azobenzene	15.893	77	886752	46.628	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	201815	47.937	ng	99
66) n-Nitrosodiphenylamine	15.816	169	814553	45.766	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	357088	46.559	ng	98
68) Hexachlorobenzene	16.598	284	413194	49.956	ng	98
69) Atrazine	16.787	200	304091	40.834	ng	99
70) Pentachlorophenol	16.951	266	583335	95.414	ng	99
71) Phenanthrene	17.351	178	1510245	45.616	ng	100
72) Anthracene	17.439	178	1525388	45.133	ng	100
73) Carbazole	17.722	167	1379121	46.072	ng	99
74) Di-n-butylphthalate	18.275	149	1629294	43.521	ng	99
75) Fluoranthene	19.322	202	1910463	44.463	ng	99
77) Benzidine	19.510	184	406177	23.438	ng	99
78) Pyrene	19.675	202	1949940	47.042	ng	99
80) Butylbenzylphthalate	20.563	149	719032	43.379	ng	98
81) Benzo(a)anthracene	21.392	228	1987561	46.411	ng	99
82) 3,3'-Dichlorobenzidine	21.328	252	576402	35.093	ng	100
83) Chrysene	21.445	228	1821498	45.392	ng	99
84) Bis(2-ethylhexyl)phtha...	21.328	149	1016299	42.712	ng	99
85) Di-n-octyl phthalate	22.269	149	1697210	42.860	ng	99
87) Indeno(1,2,3-cd)pyrene	26.380	276	1932930	46.419	ng	99
88) Benzo(b)fluoranthene	23.092	252	1883379	51.936	ng	100
89) Benzo(k)fluoranthene	23.145	252	1812569	50.965	ng	99
90) Benzo(a)pyrene	23.727	252	1659657	47.890	ng	100
91) Dibenzo(a,h)anthracene	26.404	278	1629911	46.560	ng	98
92) Benzo(g,h,i)perylene	27.157	276	1505101	44.539	ng	98

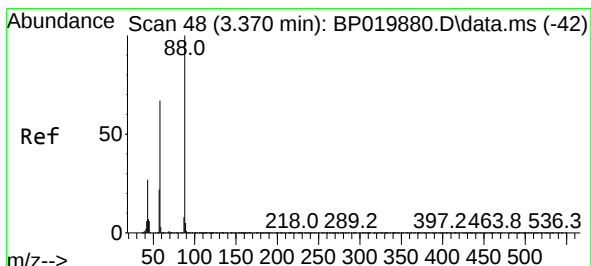
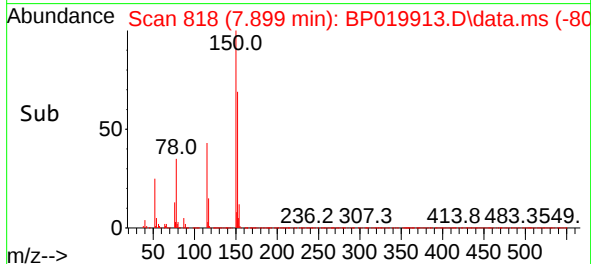
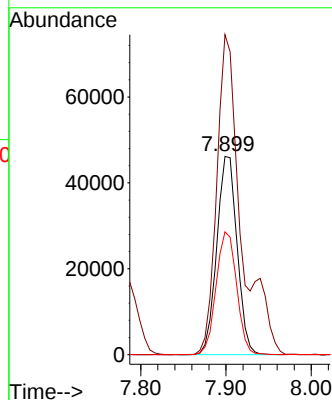
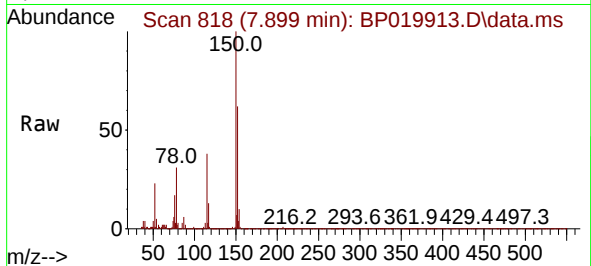
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP019913.D
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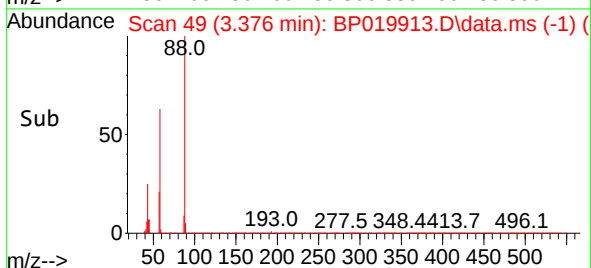
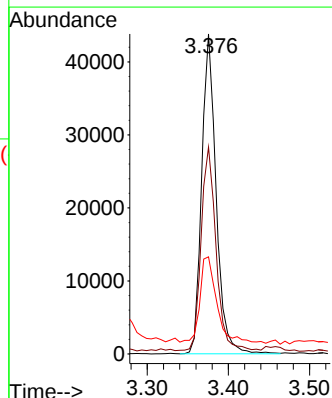
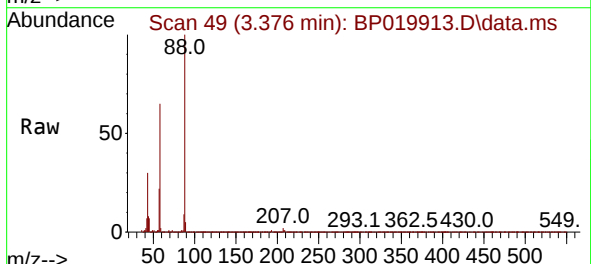
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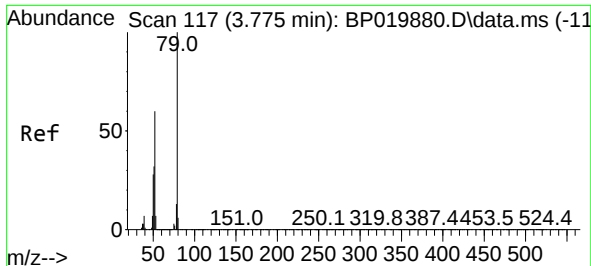
Tgt Ion:152 Resp: 76488
 Ion Ratio Lower Upper
 152 100
 150 161.4 128.6 192.8
 115 62.0 53.4 80.2



#2
 1,4-Dioxane
 Concen: 33.584 ng
 RT: 3.376 min Scan# 49
 Delta R.T. 0.006 min
 Lab File: BP019913.D
 Acq: 28 Feb 2024 13:06

Tgt Ion: 88 Resp: 54130
 Ion Ratio Lower Upper
 88 100
 58 65.1 52.0 78.0
 43 31.9 21.6 32.4

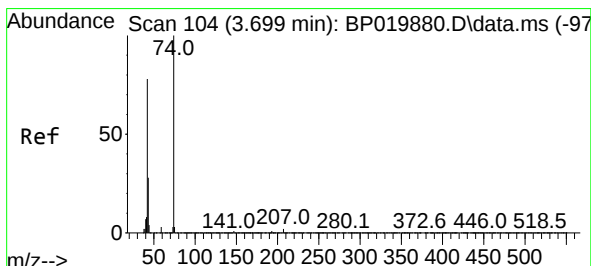
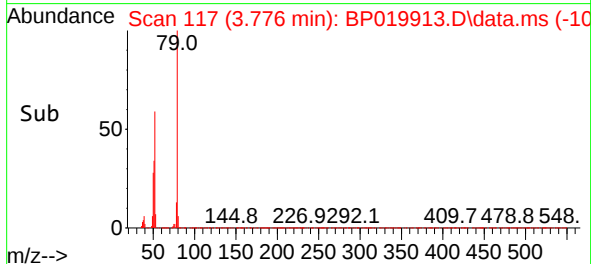
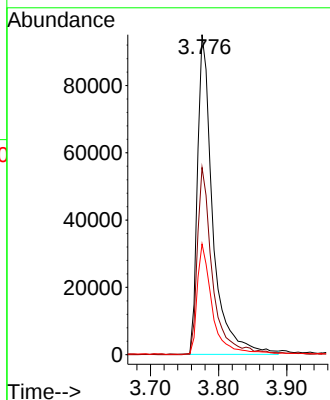
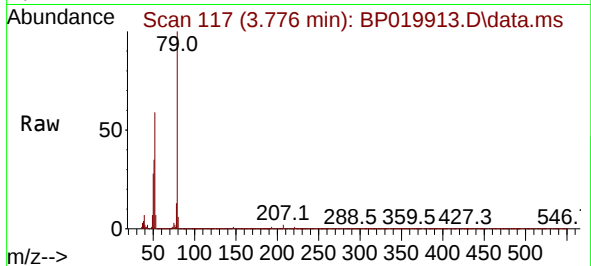




#3
Pyridine
Concen: 30.143 ng
RT: 3.776 min Scan# 117
Delta R.T. 0.001 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

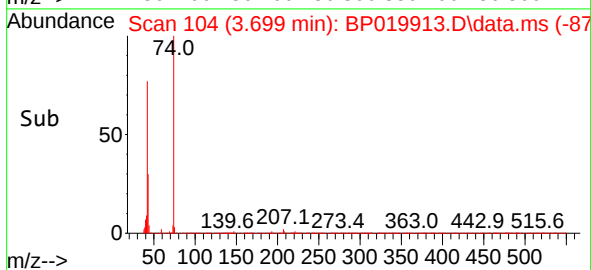
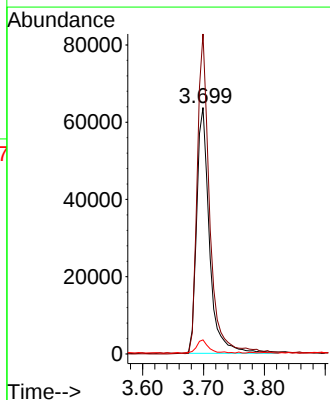
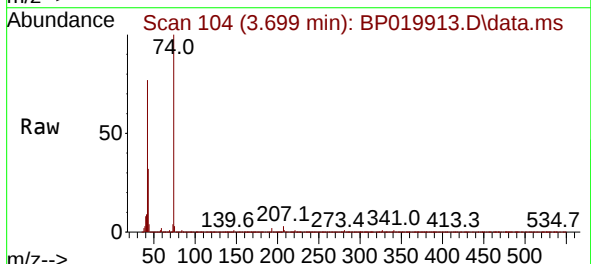
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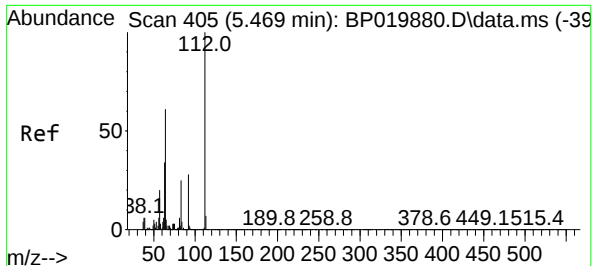
Tgt Ion: 79 Resp: 148599
Ion Ratio Lower Upper
79 100
52 58.5 47.8 71.8
51 34.6 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 45.974 ng
RT: 3.699 min Scan# 104
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 42 Resp: 93396
Ion Ratio Lower Upper
42 100
74 129.9 103.0 154.4
44 5.7 4.6 6.8

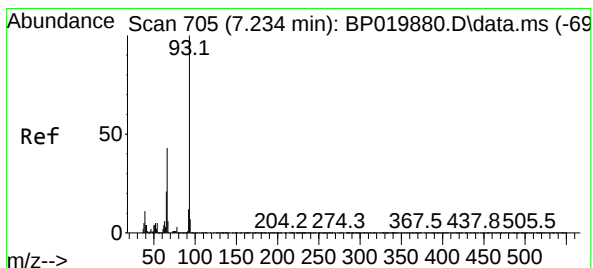
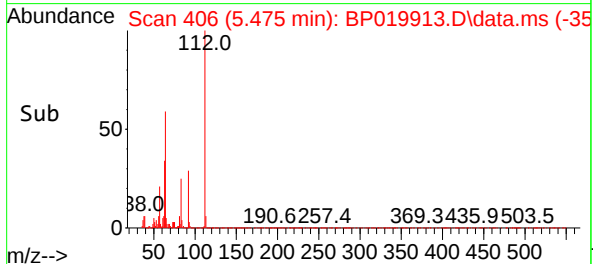
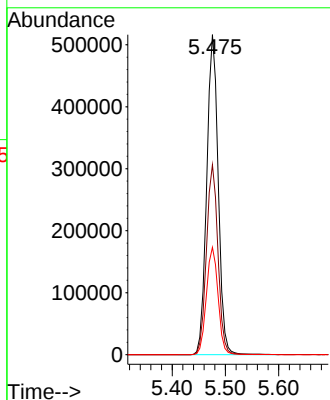
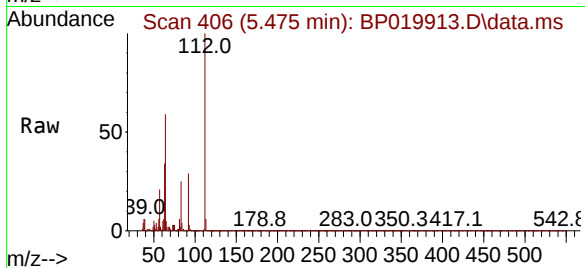




#5
2-Fluorophenol
Concen: 165.489 ng
RT: 5.475 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

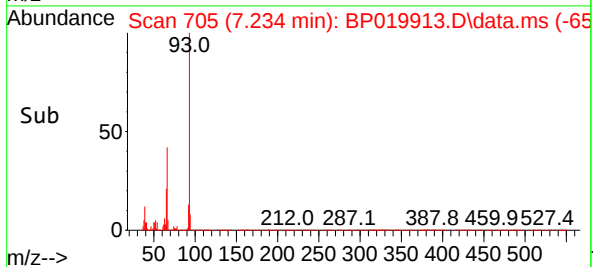
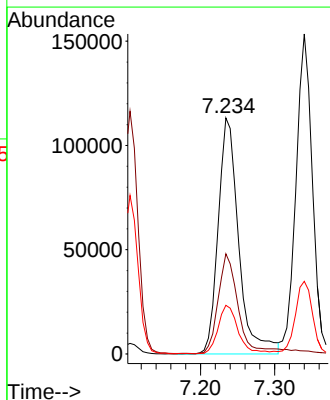
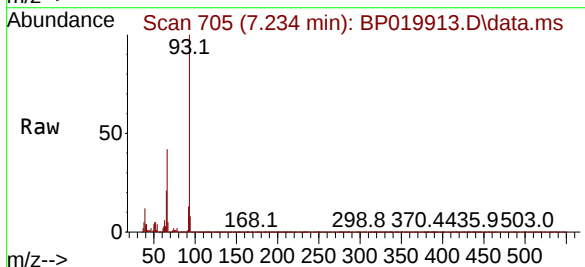
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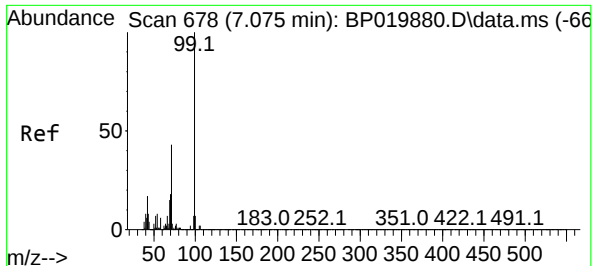
Tgt Ion:112 Resp: 771182
Ion Ratio Lower Upper
112 100
64 59.3 49.0 73.6
63 33.5 27.6 41.4



#6
Aniline
Concen: 25.557 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 93 Resp: 217521
Ion Ratio Lower Upper
93 100
66 42.4 34.5 51.7
65 20.6 16.5 24.7

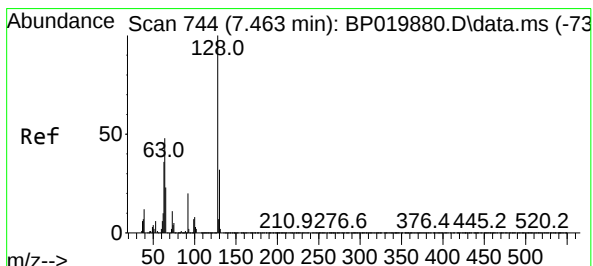
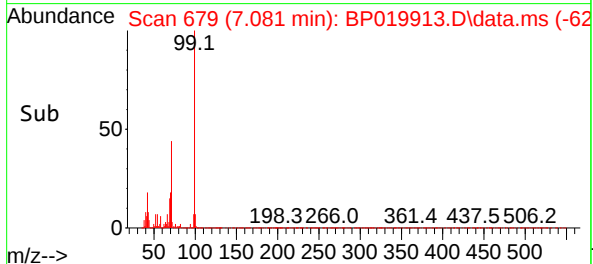
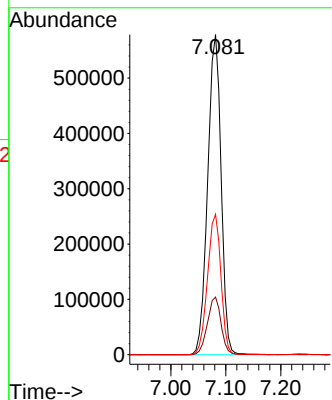
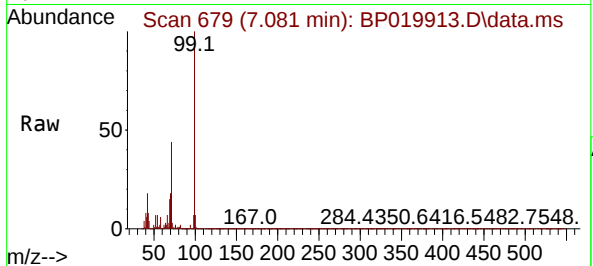




#7
Phenol-d6
Concen: 141.156 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

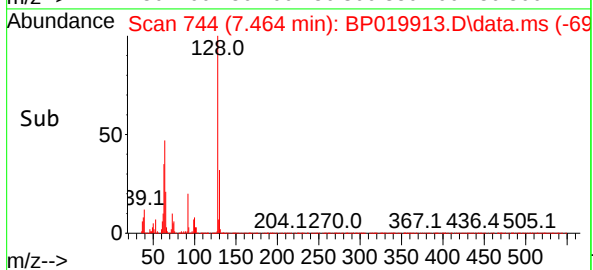
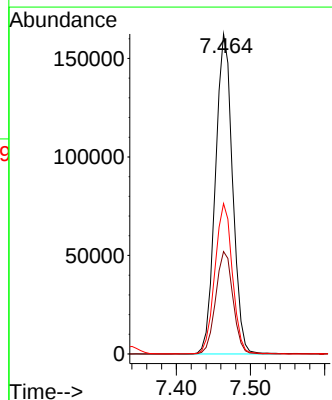
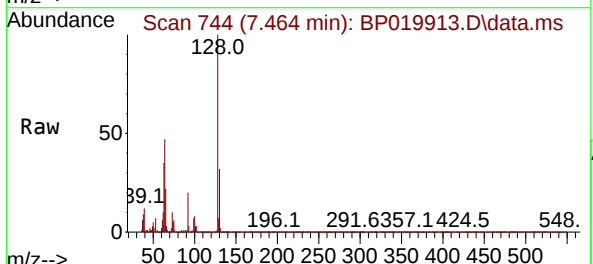
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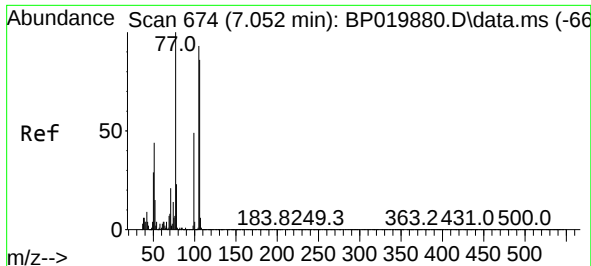
Tgt Ion: 99 Resp: 979351
Ion Ratio Lower Upper
99 100
42 18.0 13.8 20.8
71 43.9 34.5 51.7



#8
2-Chlorophenol
Concen: 51.943 ng
RT: 7.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: BP019913.D
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Tgt Ion: 128 Resp: 261017
Ion Ratio Lower Upper
128 100
130 32.0 12.3 52.3
64 47.0 29.2 69.2

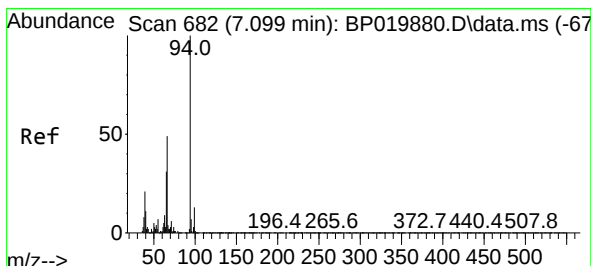
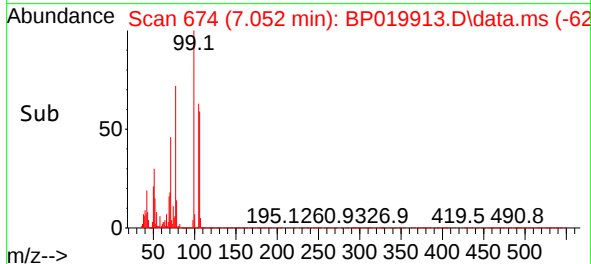
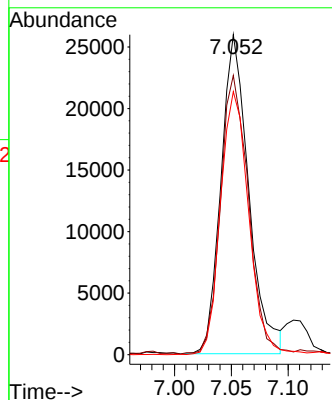
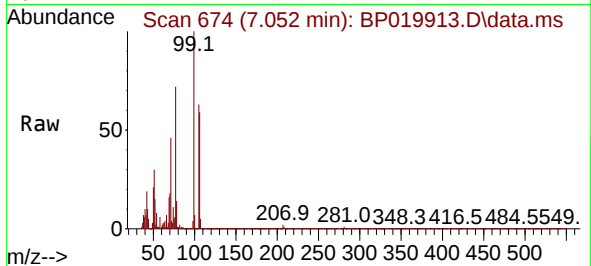




#9
Benzaldehyde
Concen: 11.111 ng
RT: 7.052 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

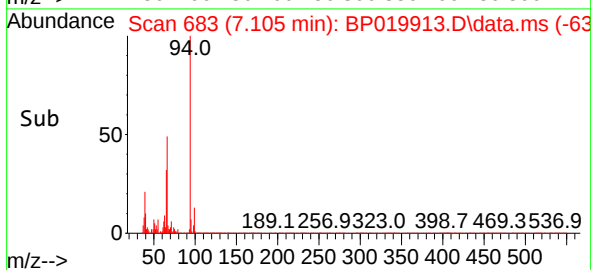
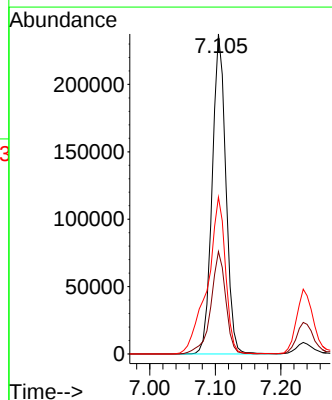
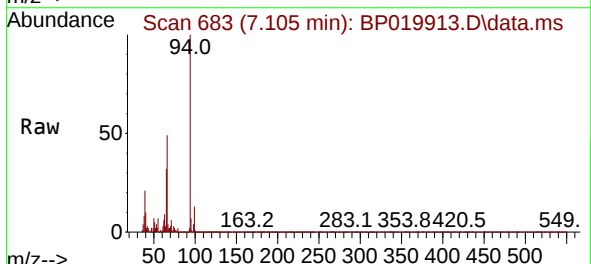
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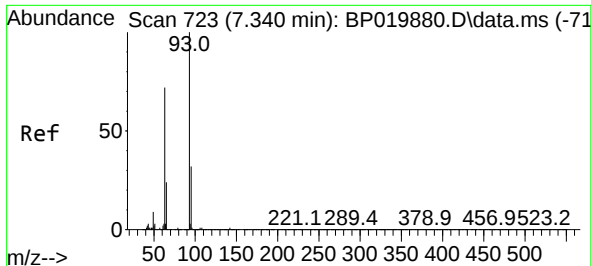
Tgt Ion: 77 Resp: 44002
Ion Ratio Lower Upper
77 100
105 87.2 73.2 113.2
106 82.2 66.3 106.3



#10
Phenol
Concen: 49.747 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 94 Resp: 344162
Ion Ratio Lower Upper
94 100
65 32.0 11.5 51.5
66 49.0 29.2 69.2

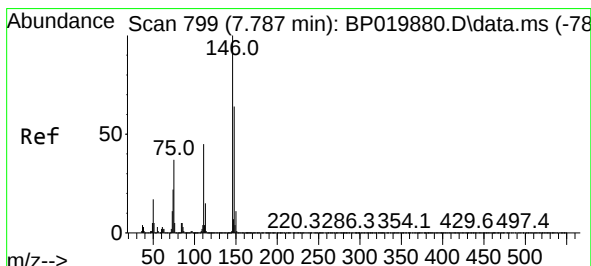
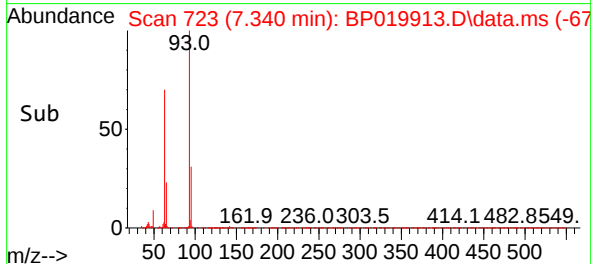
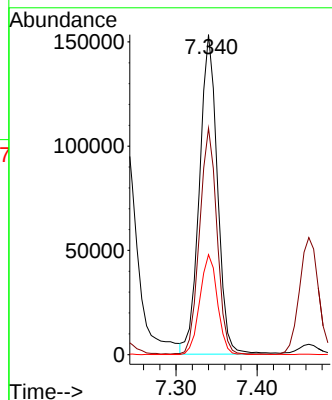
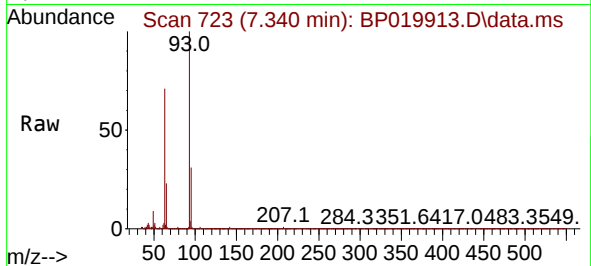




#11
bis(2-Chloroethyl)ether
Concen: 43.316 ng
RT: 7.340 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

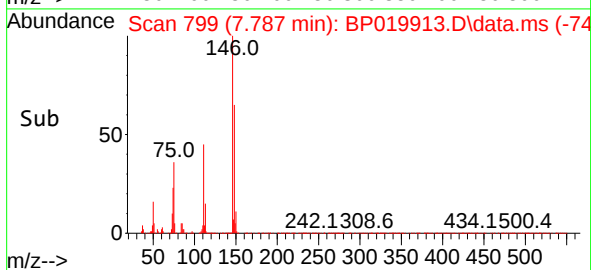
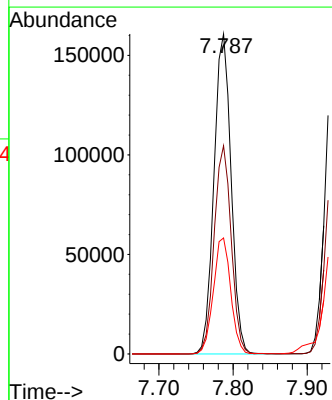
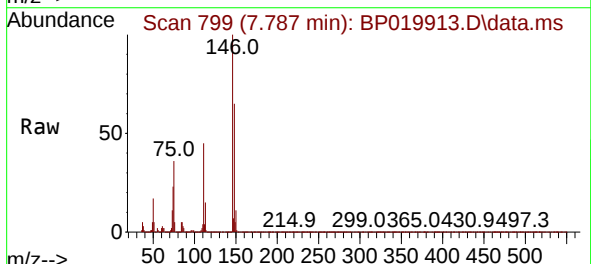
Instrument :
BNA_P
ClientSampleId :
PB159321BS

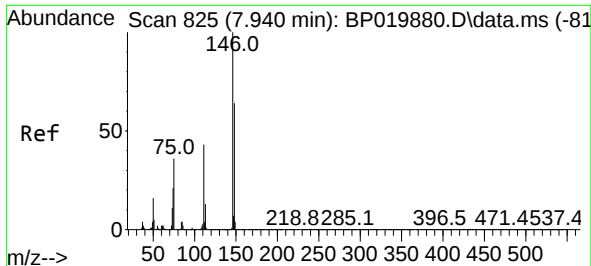
Tgt Ion: 93 Resp: 236022
Ion Ratio Lower Upper
93 100
63 70.8 52.0 92.0
95 31.3 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 47.337 ng
RT: 7.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 146 Resp: 258259
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
75 36.2 29.8 44.8

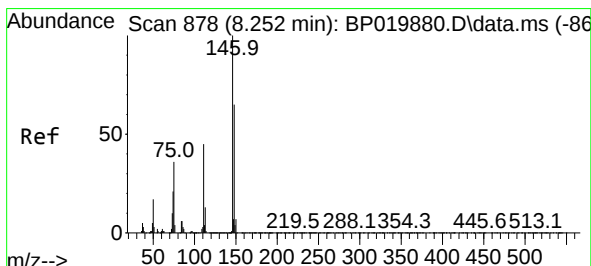
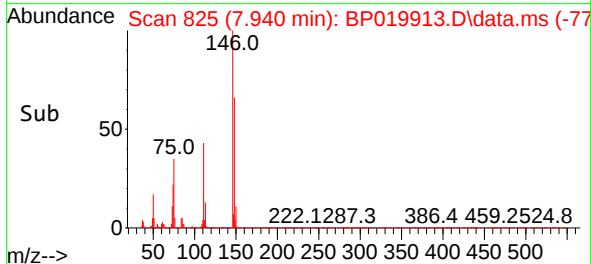
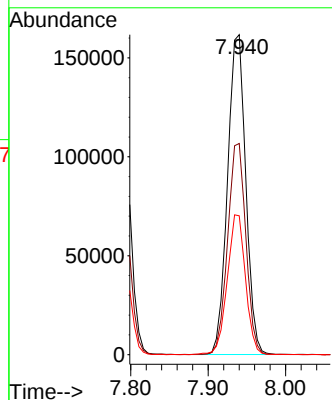
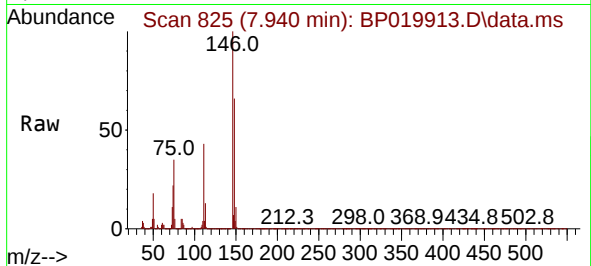




#13
1,4-Dichlorobenzene
Concen: 47.943 ng
RT: 7.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

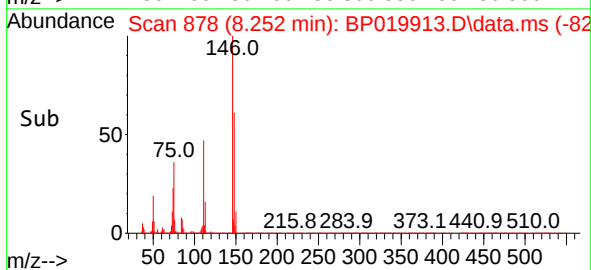
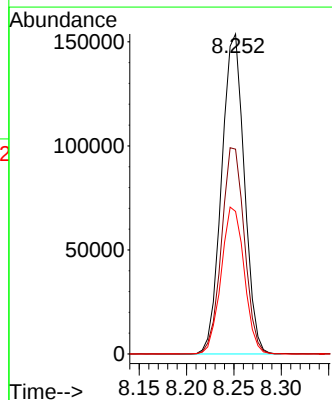
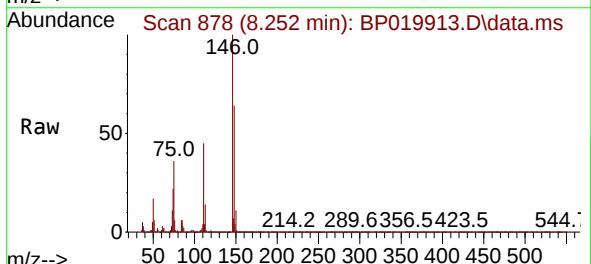
Instrument :
BNA_P
ClientSampleId :
PB159321BS

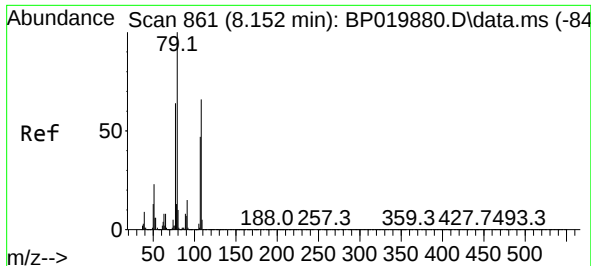
Tgt Ion:146 Resp: 264871
Ion Ratio Lower Upper
146 100
148 66.0 51.0 76.6
111 43.4 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 46.232 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:146 Resp: 256228
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 44.5 35.9 53.9

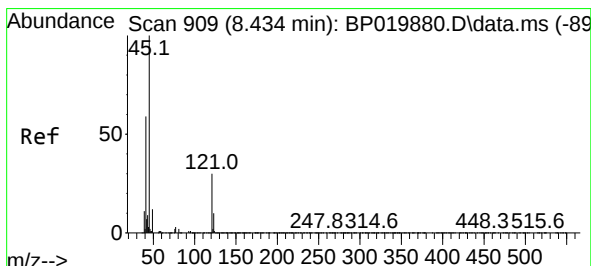
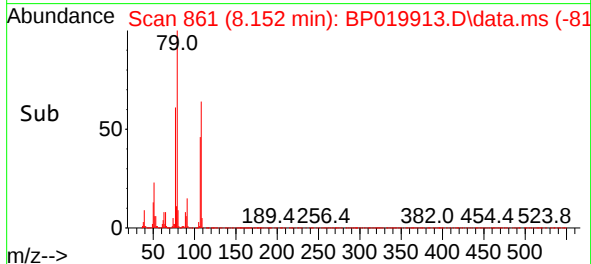
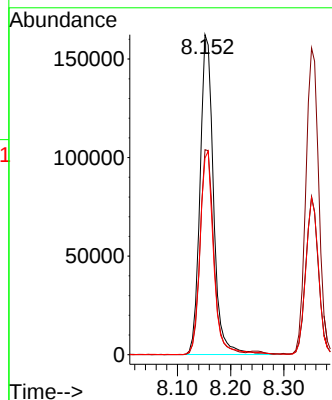
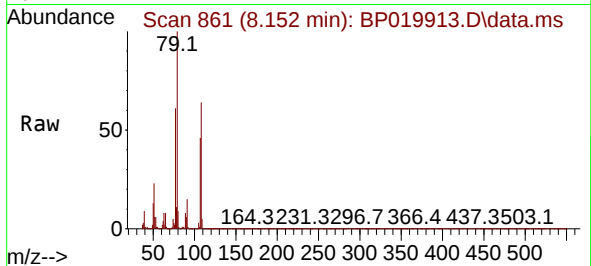




#15
Benzyl Alcohol
Concen: 46.493 ng
RT: 8.152 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

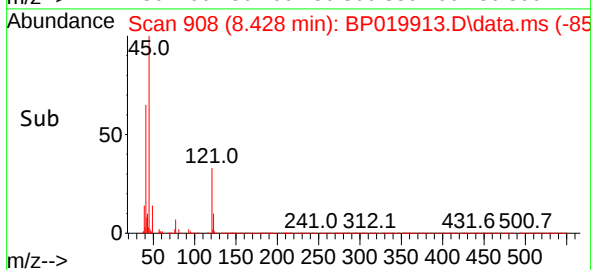
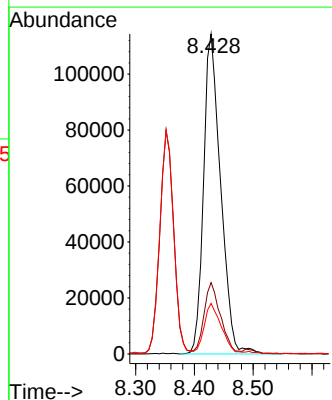
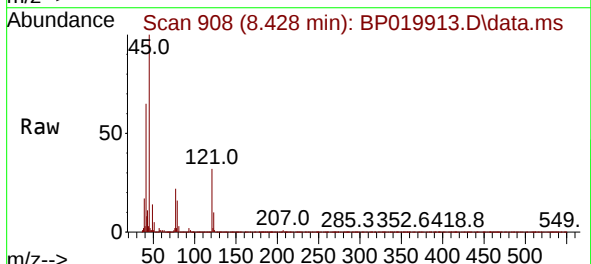
Instrument :
BNA_P
ClientSampleId :
PB159321BS

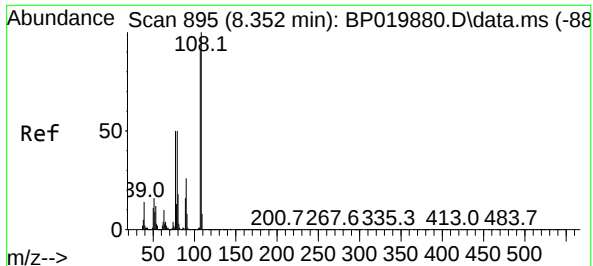
Tgt Ion: 79 Resp: 284575
Ion Ratio Lower Upper
79 100
108 64.1 52.5 78.7
77 61.4 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.661 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 45 Resp: 230733
Ion Ratio Lower Upper
45 100
77 22.3 0.8 40.8
79 15.8 0.0 34.7

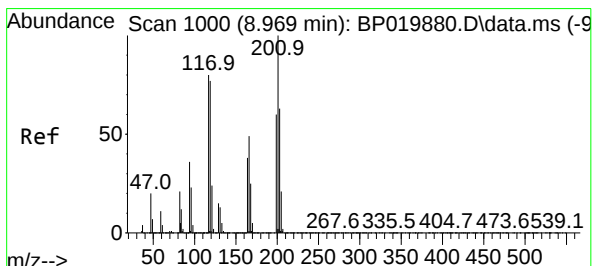
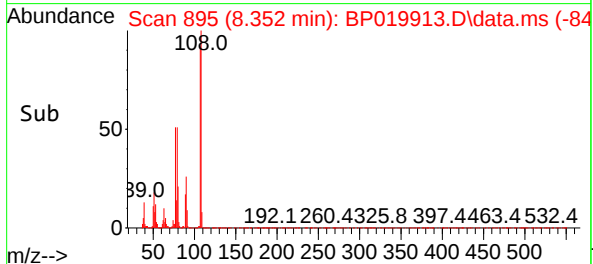
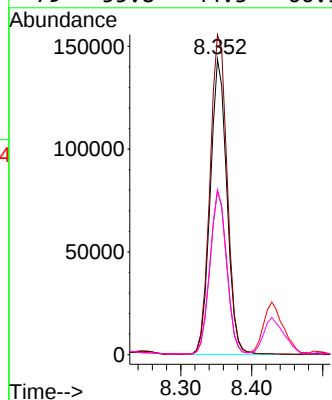
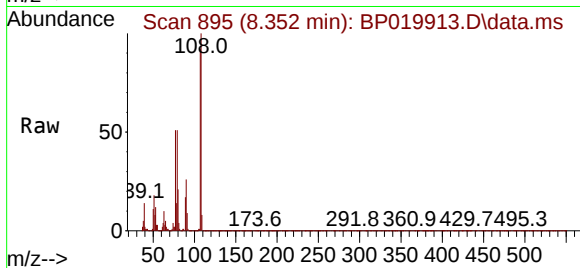




#17
2-Methylphenol
Concen: 45.038 ng
RT: 8.352 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

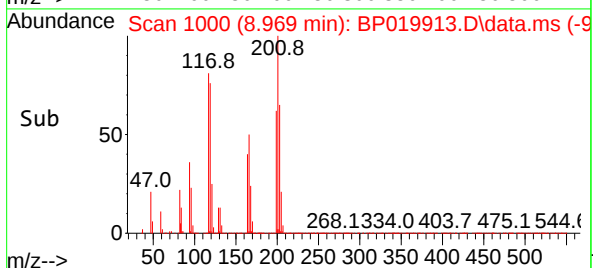
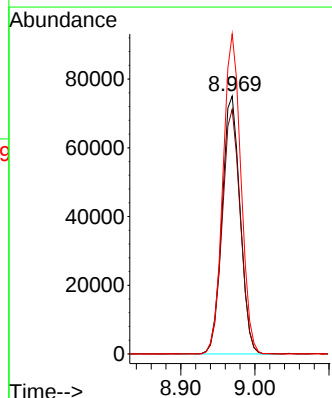
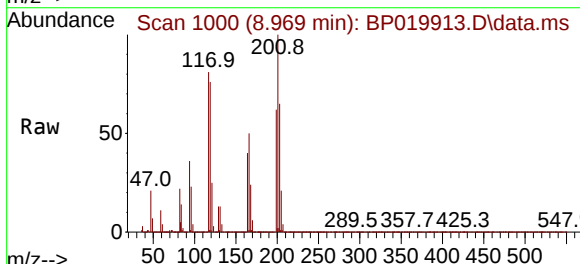
Instrument :
BNA_P
ClientSampleId :
PB159321BS

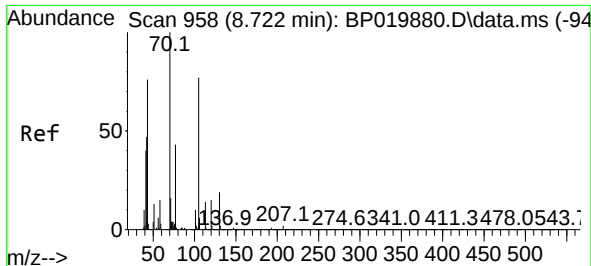
Tgt Ion:	107	Resp:	233029
Ion	Ratio	Lower	Upper
107	100		
108	108.3	88.4	132.6
77	55.6	43.8	65.8
79	55.8	44.3	66.5



#18
Hexachloroethane
Concen: 59.192 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:	117	Resp:	126722
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.9	115.3
201	124.0	99.6	149.4



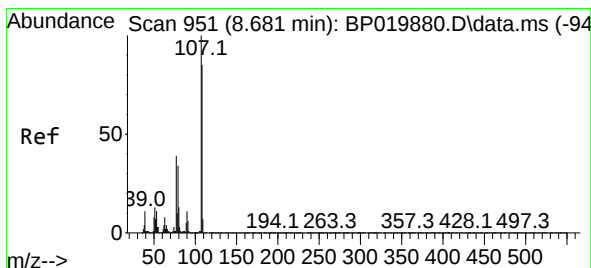
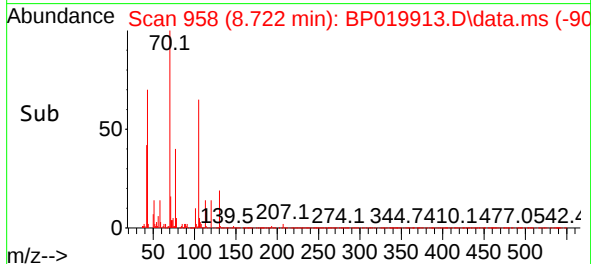
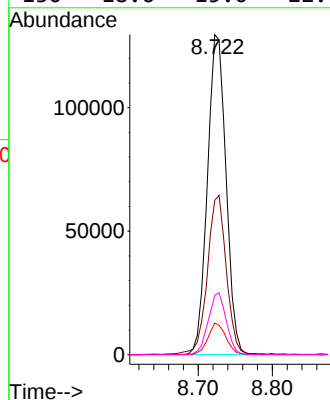
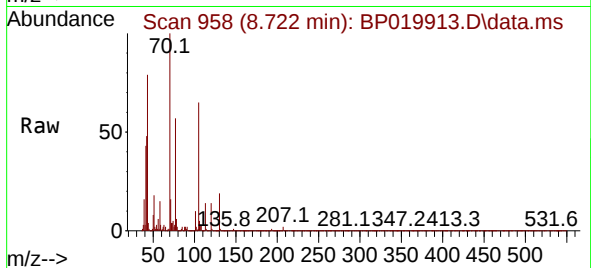


#19
n-Nitroso-di-n-propylamine
Concen: 43.032 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Instrument :
BNA_P
ClientSampleId :
PB159321BS

Tgt Ion: 70 Resp: 225542

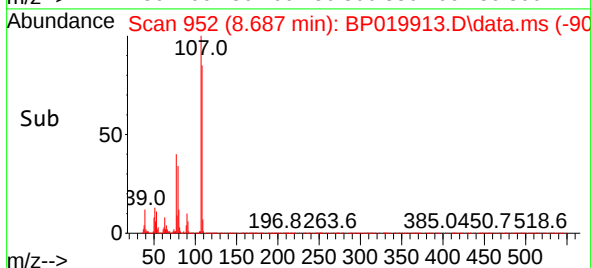
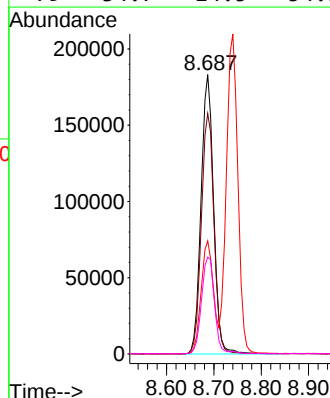
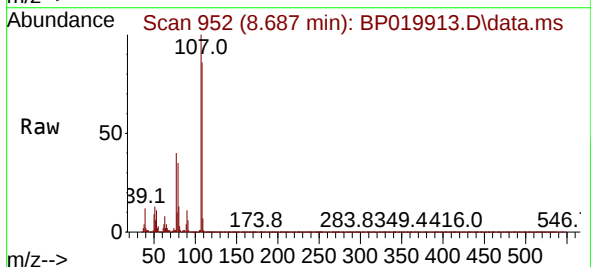
Ion	Ratio	Lower	Upper
70	100		
42	48.3	38.2	57.2
101	9.9	8.0	12.0
130	18.6	15.0	22.6

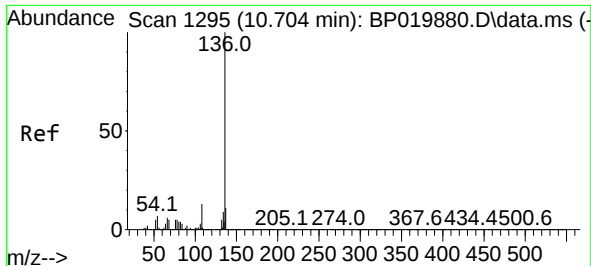


#20
3+4-Methylphenols
Concen: 45.179 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 107 Resp: 335883

Ion	Ratio	Lower	Upper
107	100		
108	86.1	64.8	104.8
77	40.5	18.8	58.8
79	34.7	14.5	54.5

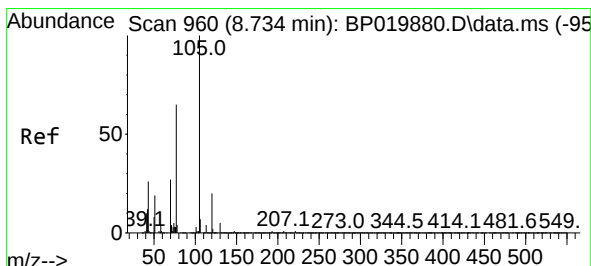
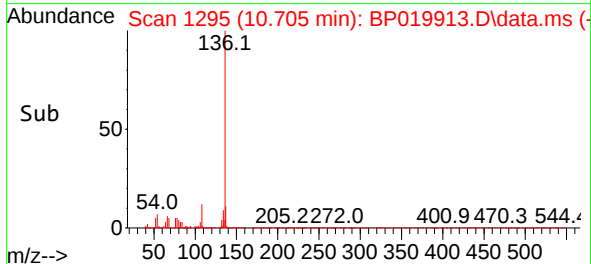
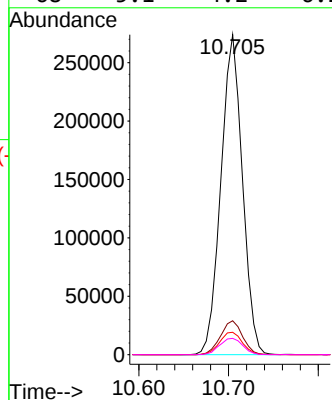
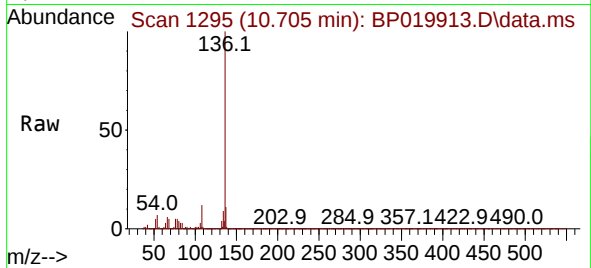




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

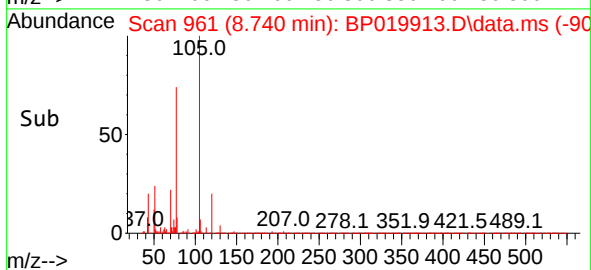
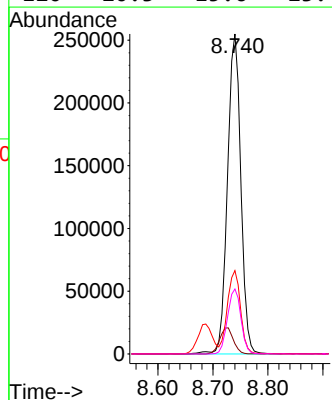
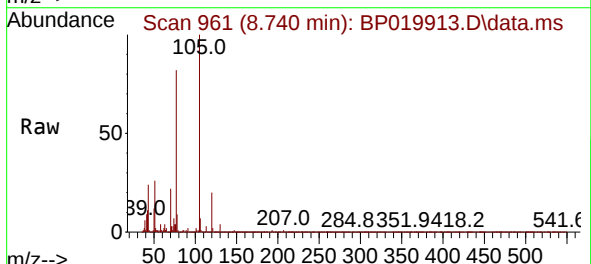
Instrument :
BNA_P
ClientSampleId :
PB159321BS

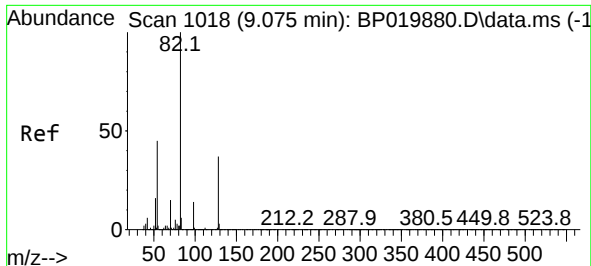
Tgt Ion:	136	Resp:	455961
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.0	6.0	9.0
68	5.1	4.2	6.2



#22
Acetophenone
Concen: 30.322 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:	105	Resp:	429394
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.7	5.5
51	26.0	20.5	30.7
120	20.3	15.6	23.4

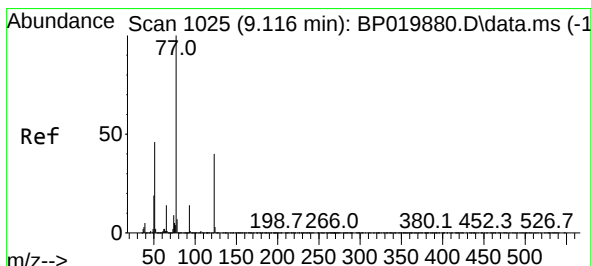
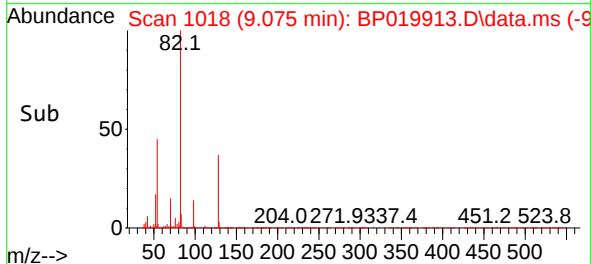
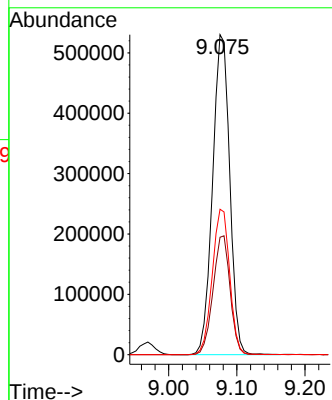
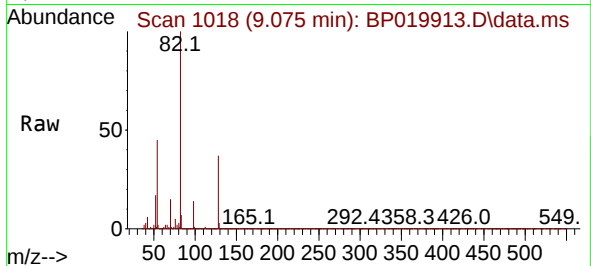




#23
Nitrobenzene-d5
Concen: 82.126 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

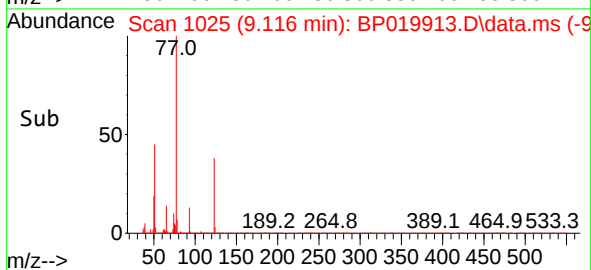
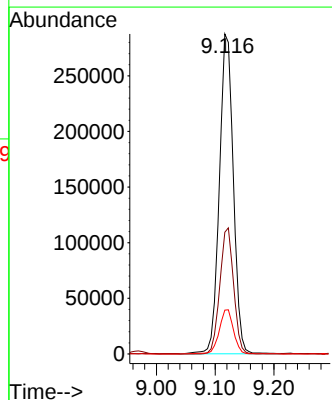
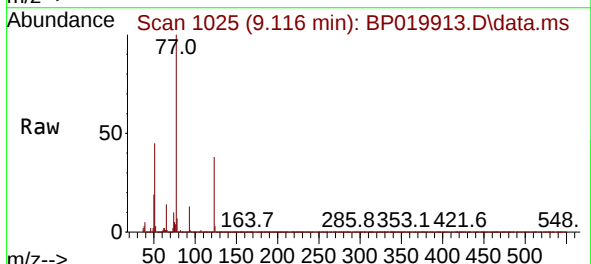
Instrument :
BNA_P
ClientSampleId :
PB159321BS

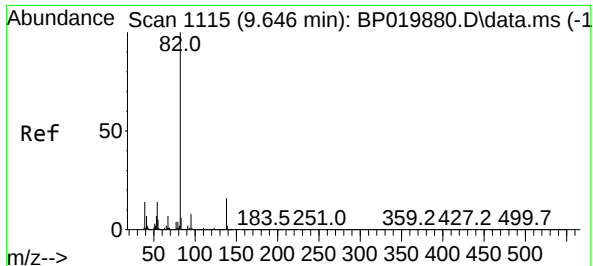
Tgt Ion: 82 Resp: 927547
Ion Ratio Lower Upper
82 100
128 36.7 29.6 44.4
54 45.5 36.3 54.5



#24
Nitrobenzene
Concen: 43.374 ng
RT: 9.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 77 Resp: 474252
Ion Ratio Lower Upper
77 100
123 38.1 31.8 47.6
65 13.7 11.0 16.6

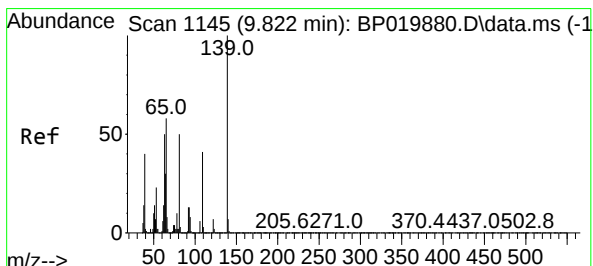
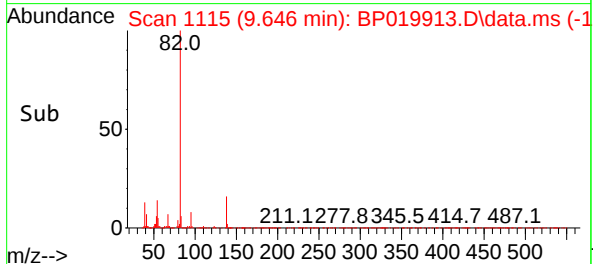
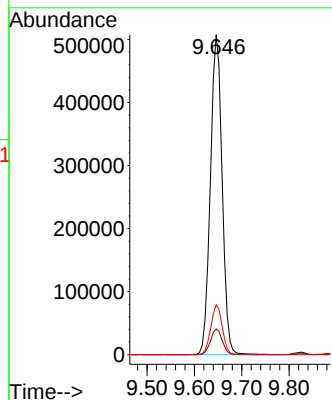
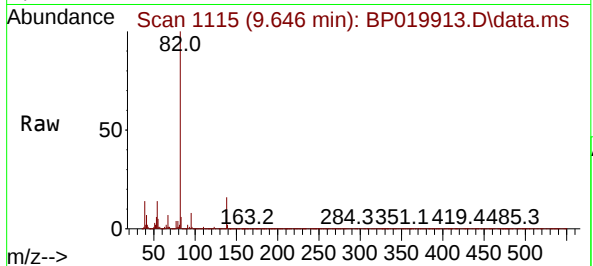




#25
Isophorone
Concen: 44.441 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

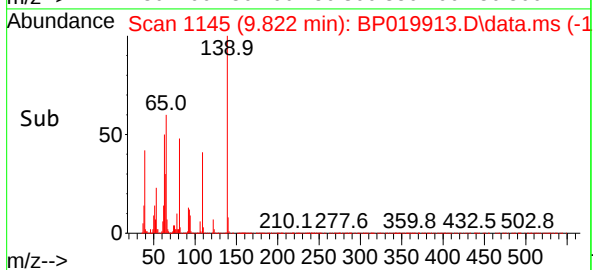
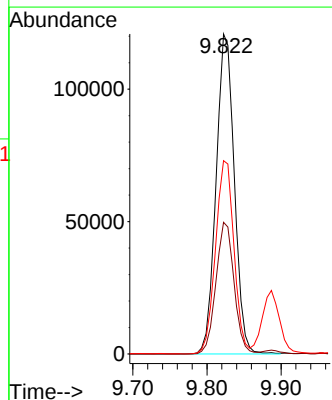
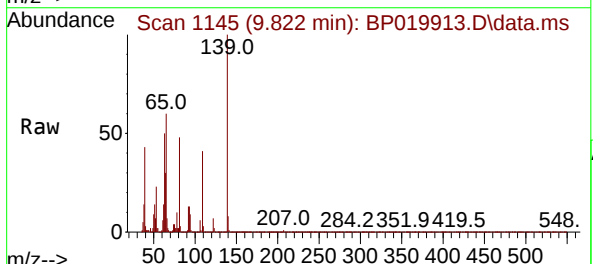
Instrument :
BNA_P
ClientSampleId :
PB159321BS

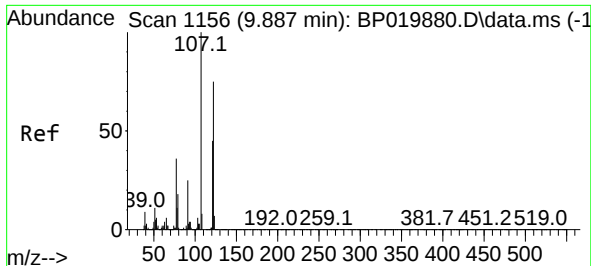
Tgt Ion: 82 Resp: 873635
Ion Ratio Lower Upper
82 100
95 8.1 6.6 10.0
138 15.6 12.8 19.2



#26
2-Nitrophenol
Concen: 47.167 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 139 Resp: 206362
Ion Ratio Lower Upper
139 100
109 41.1 32.9 49.3
65 60.4 46.7 70.1

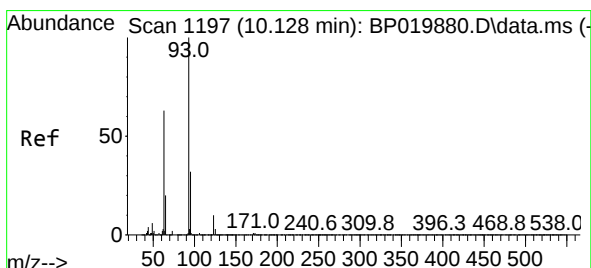
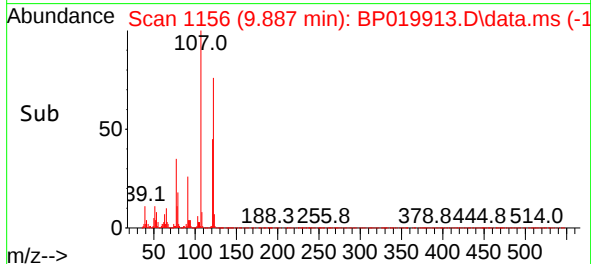
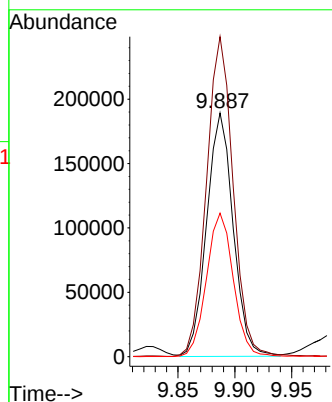
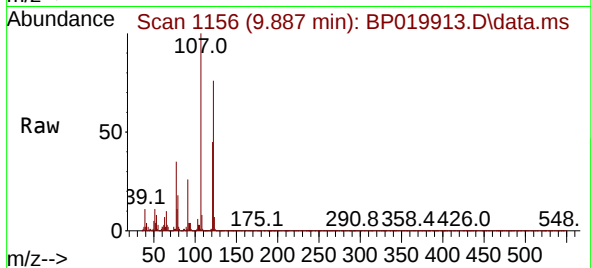




#27
2,4-Dimethylphenol
Concen: 42.510 ng
RT: 9.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

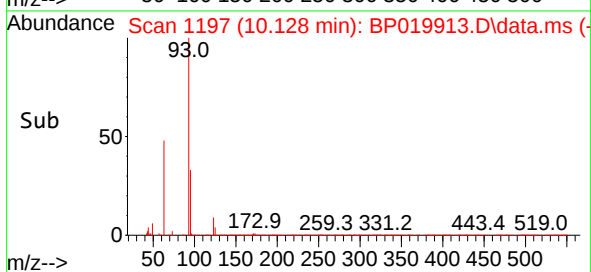
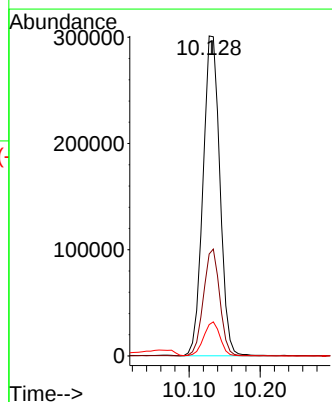
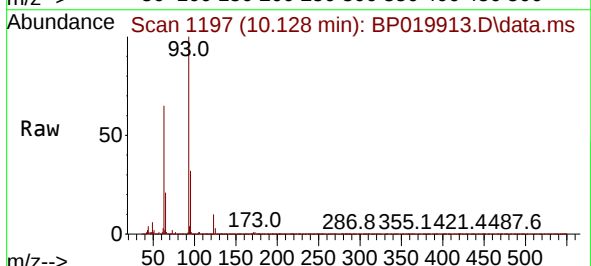
Instrument :
BNA_P
ClientSampleId :
PB159321BS

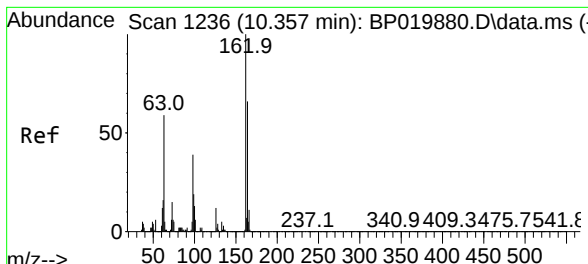
Tgt Ion:122 Resp: 307032
Ion Ratio Lower Upper
122 100
107 131.3 105.7 158.5
121 58.9 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 45.461 ng
RT: 10.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 93 Resp: 498738
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.8
123 9.8 7.8 11.6



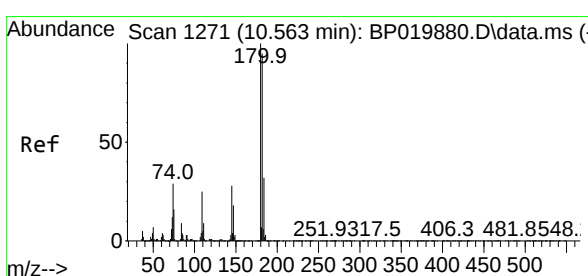
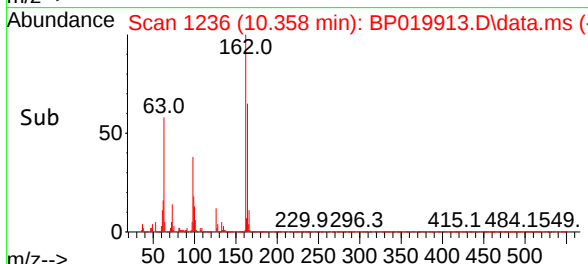
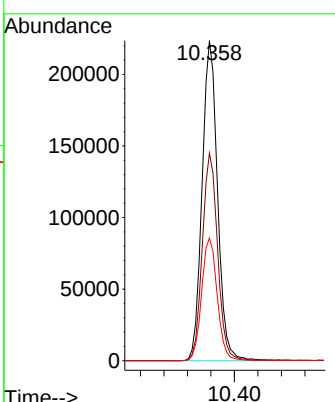
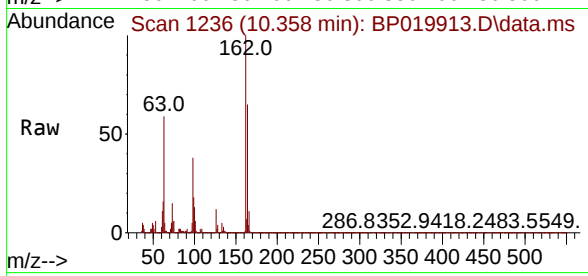


#29
 2,4-Dichlorophenol
 Concen: 50.522 ng
 RT: 10.358 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: BP019913.D
 Acq: 28 Feb 2024 13:06

Instrument :
 BNA_P
 ClientSampleId :
 PB159321BS

Tgt Ion:162 Resp: 407016

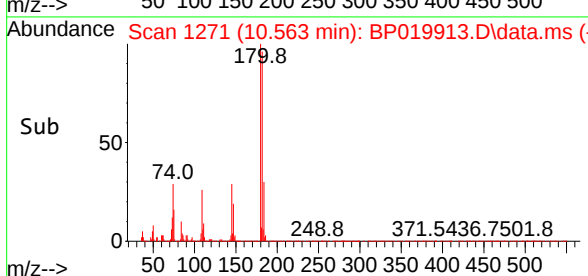
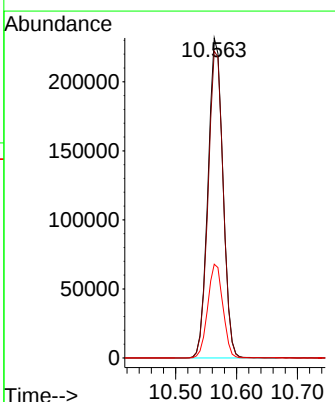
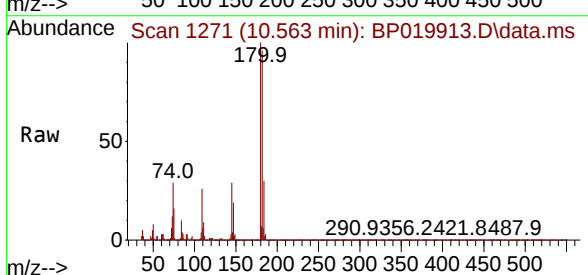
Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.8	85.8
98	38.3	18.6	58.6

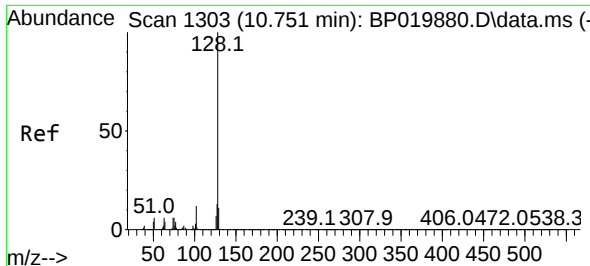


#30
 1,2,4-Trichlorobenzene
 Concen: 44.488 ng
 RT: 10.563 min Scan# 1271
 Delta R.T. 0.000 min
 Lab File: BP019913.D
 Acq: 28 Feb 2024 13:06

Tgt Ion:180 Resp: 393750

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.7	113.5
145	29.3	22.8	34.2

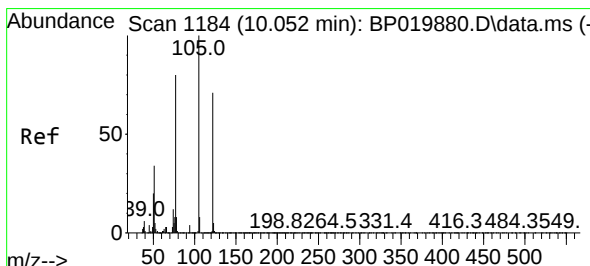
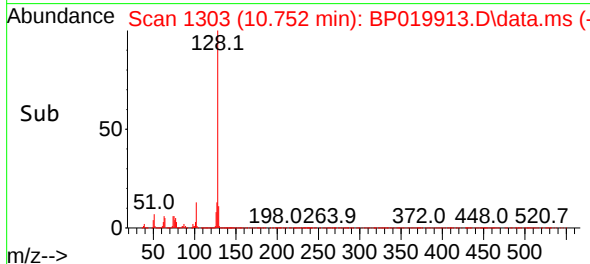
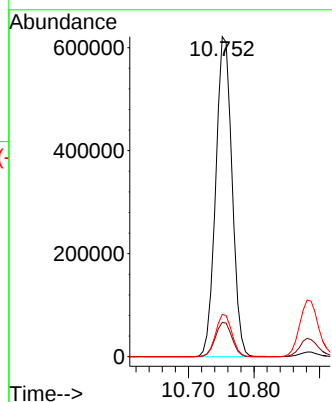
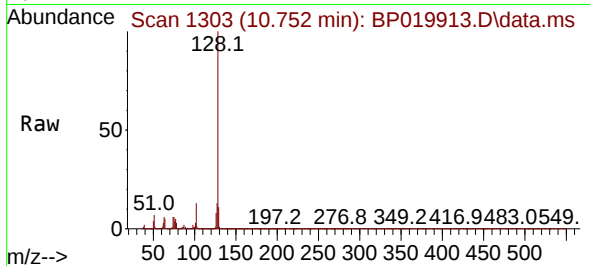




#31
Naphthalene
Concen: 43.834 ng
RT: 10.752 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

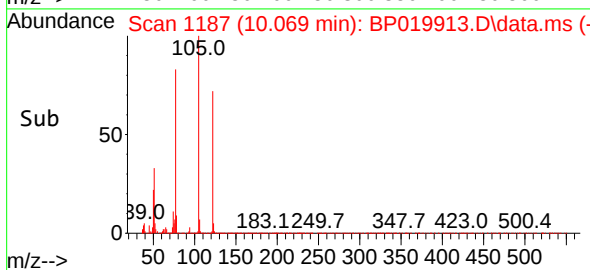
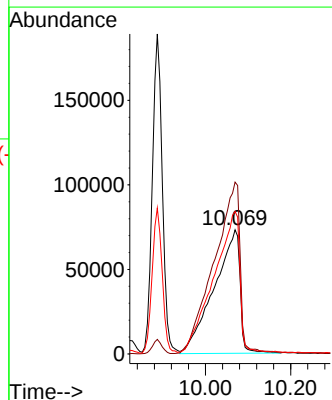
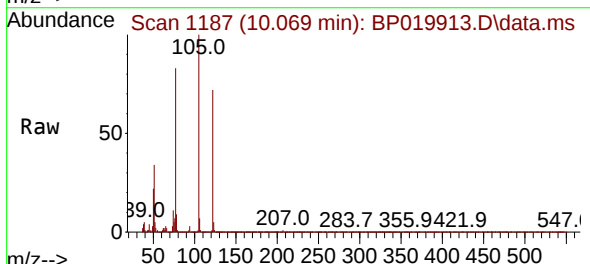
Instrument :
BNA_P
ClientSampleId :
PB159321BS

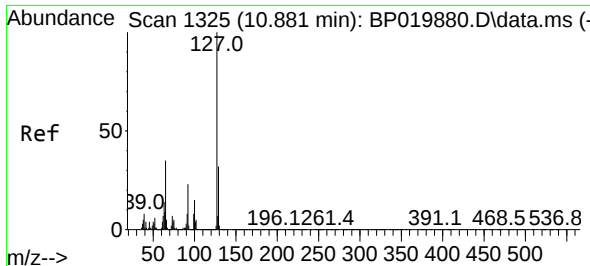
Tgt Ion:128 Resp: 1070127
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.2 15.2



#32
Benzoic acid
Concen: 50.163 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.018 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:122 Resp: 306962
Ion Ratio Lower Upper
122 100
105 138.4 120.8 160.8
77 114.8 93.5 133.5

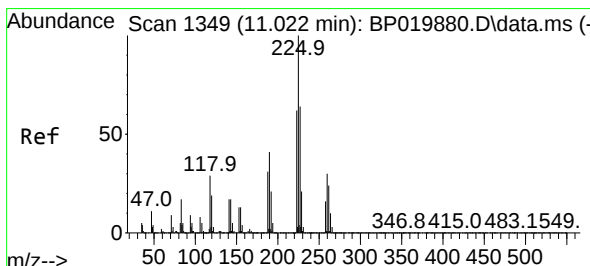
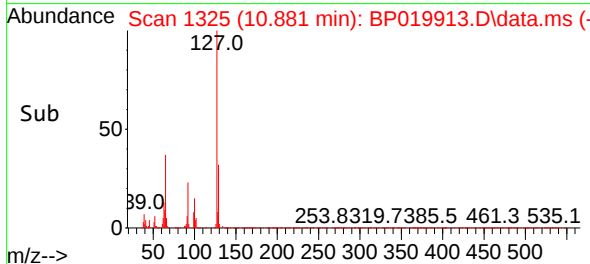
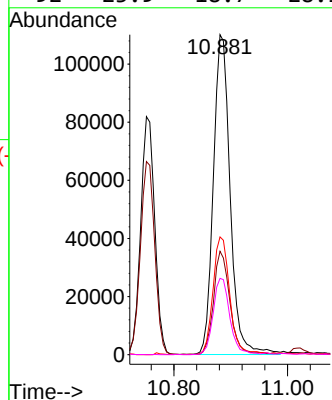
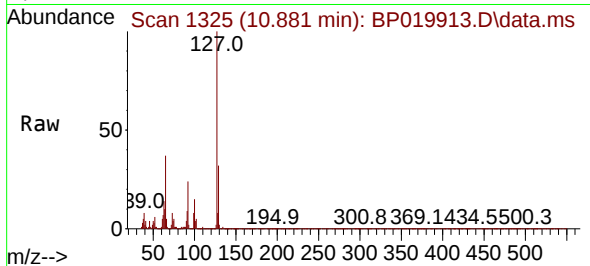




#33
4-Chloroaniline
Concen: 20.350 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

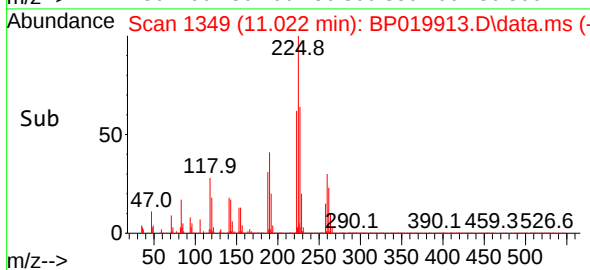
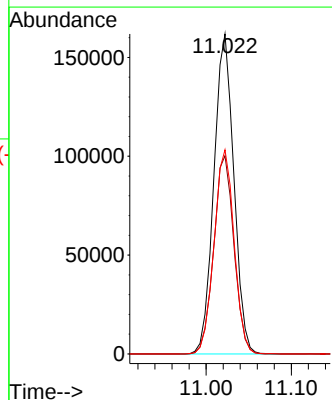
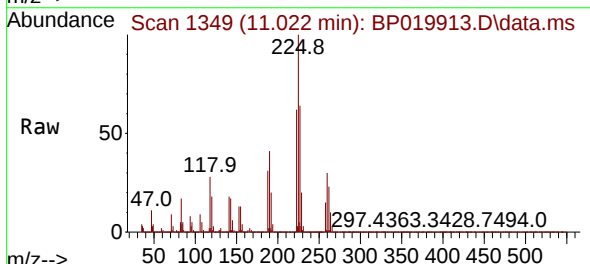
Instrument :
BNA_P
ClientSampleId :
PB159321BS

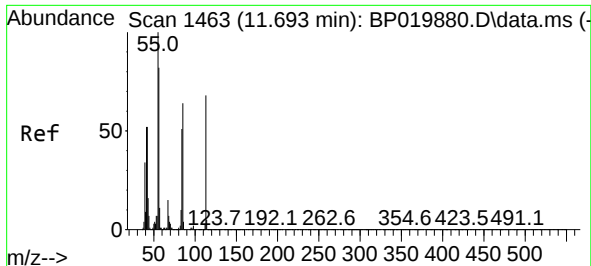
Tgt Ion:	127	Resp:	225716
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	36.8	28.2	42.4
92	23.9	18.7	28.1



#34
Hexachlorobutadiene
Concen: 40.886 ng
RT: 11.022 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:	225	Resp:	263151
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.6
227	63.8	51.1	76.7

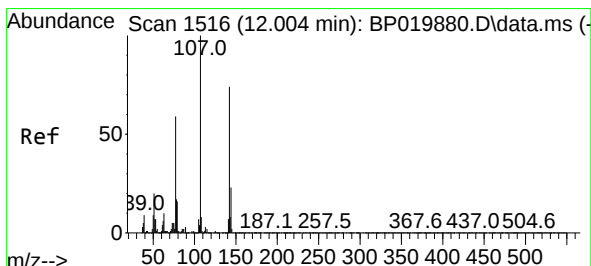
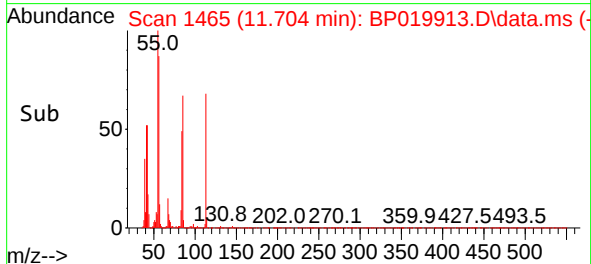
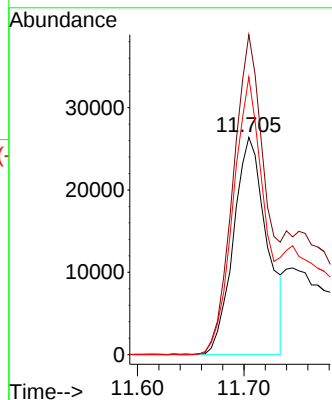
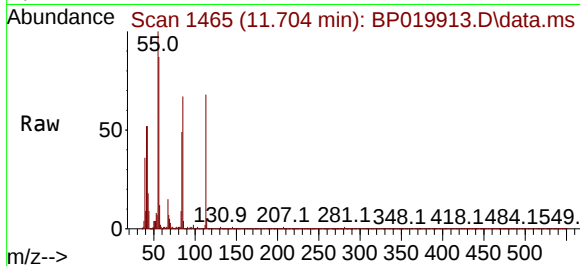




#35
Caprolactam
Concen: 19.390 ng
RT: 11.704 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

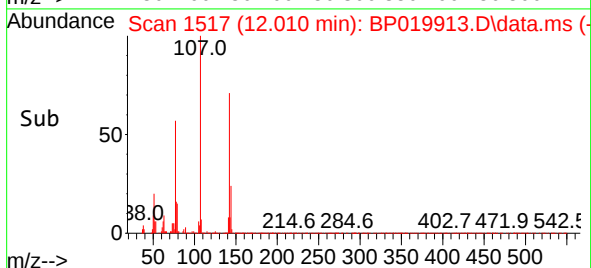
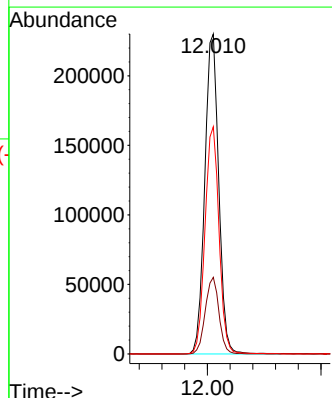
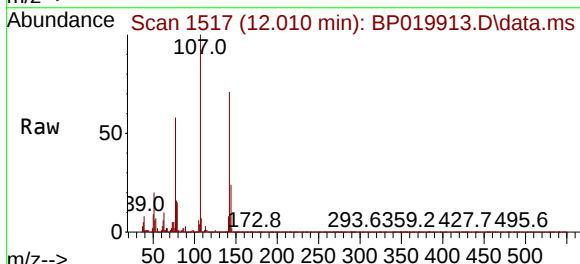
Instrument :
BNA_P
ClientSampleId :
PB159321BS

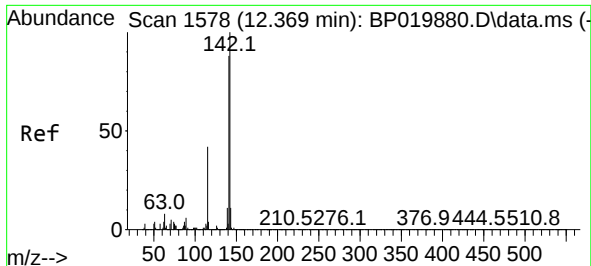
Tgt Ion:113 Resp: 57607
Ion Ratio Lower Upper
113 100
55 147.2 127.6 167.6
56 127.8 100.9 140.9



#36
4-Chloro-3-methylphenol
Concen: 39.286 ng
RT: 12.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:107 Resp: 390423
Ion Ratio Lower Upper
107 100
144 23.9 18.6 28.0
142 71.0 58.8 88.2

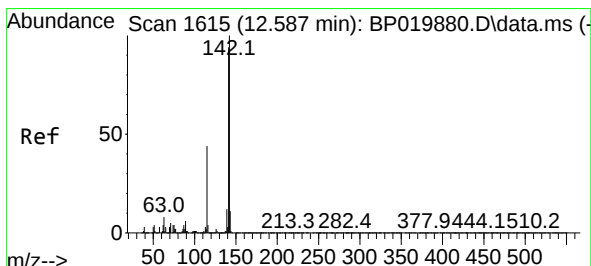
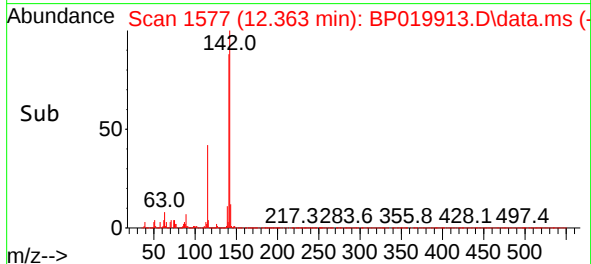
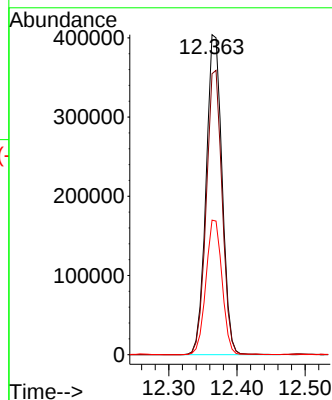
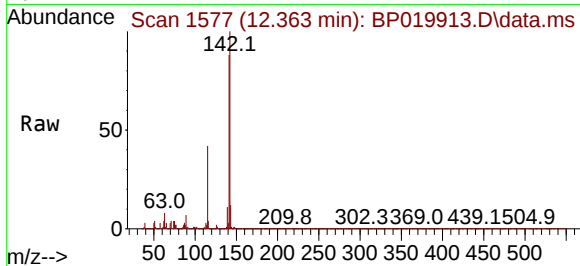




#37
2-Methylnaphthalene
Concen: 34.801 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

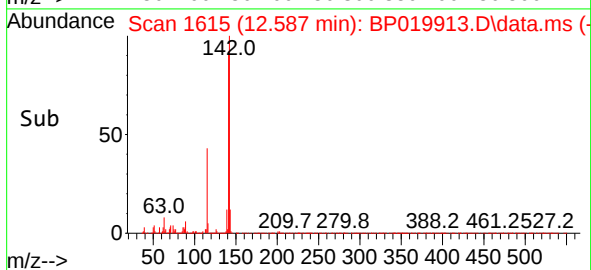
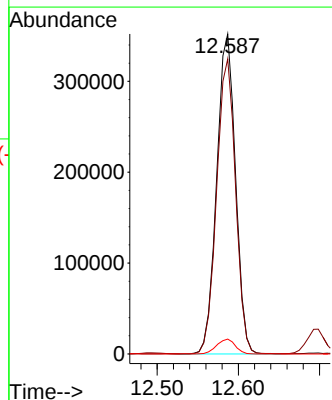
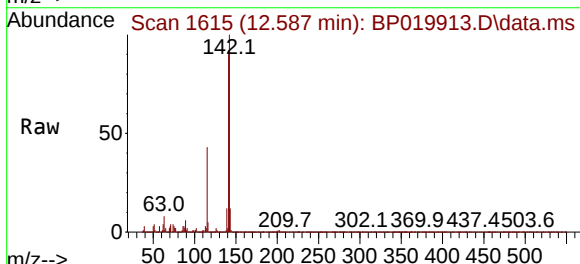
Instrument :
BNA_P
ClientSampleId :
PB159321BS

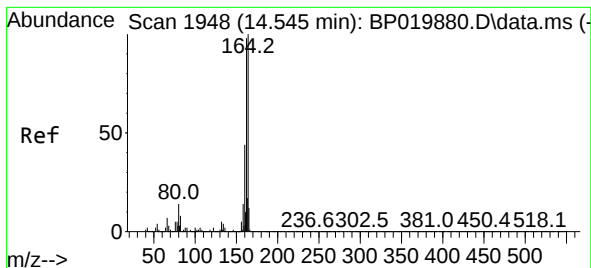
Tgt Ion:142 Resp: 659526
Ion Ratio Lower Upper
142 100
141 87.8 70.0 105.0
115 42.0 33.7 50.5



#38
1-Methylnaphthalene
Concen: 31.673 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:142 Resp: 567967
Ion Ratio Lower Upper
142 100
141 92.2 75.5 113.3
116 4.7 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

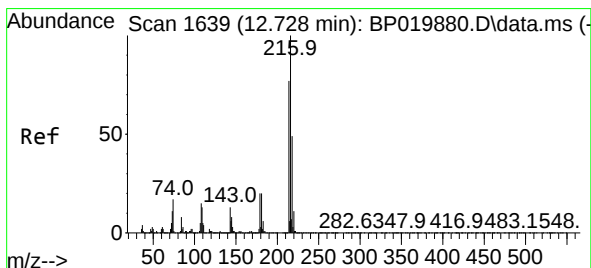
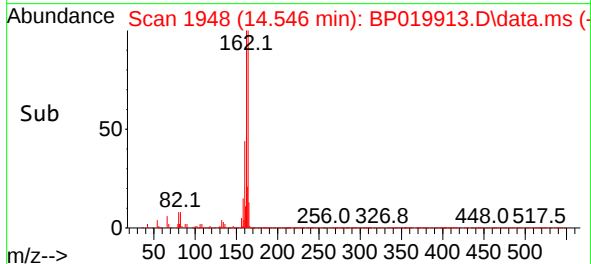
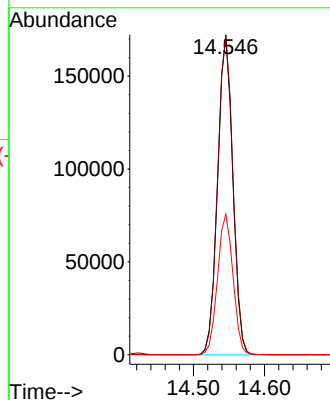
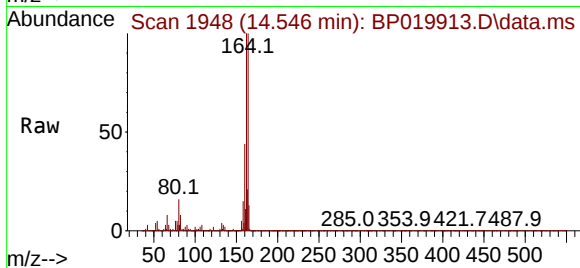
Tgt Ion:164 Resp: 253303

Ion Ratio Lower Upper

164 100

162 100.4 78.1 117.1

160 44.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.374 ng

RT: 12.728 min Scan# 1639

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Tgt Ion:216 Resp: 418557

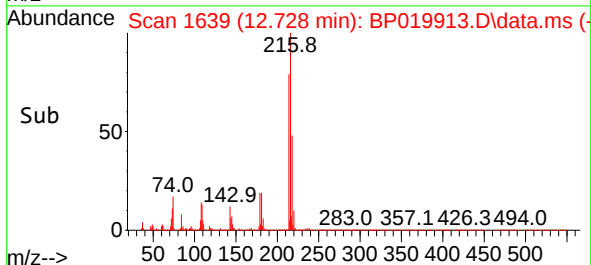
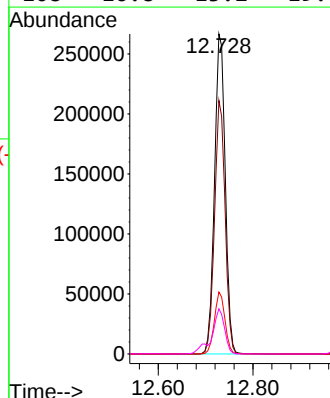
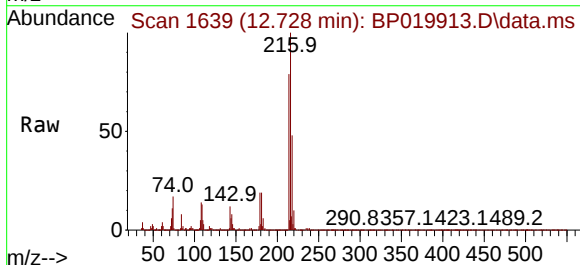
Ion Ratio Lower Upper

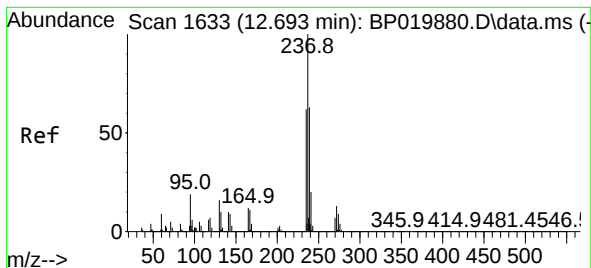
216 100

214 78.3 62.5 93.7

179 19.1 15.8 23.6

108 16.8 13.2 19.8





#41

Hexachlorocyclopentadiene

Concen: 98.396 ng

RT: 12.699 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

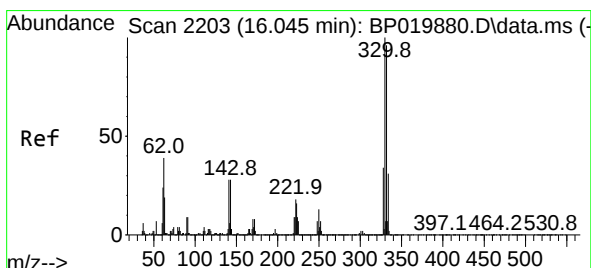
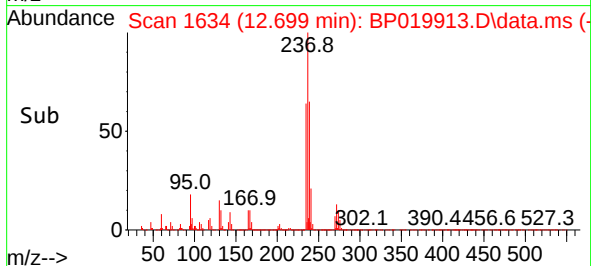
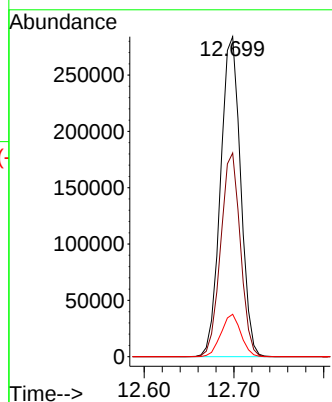
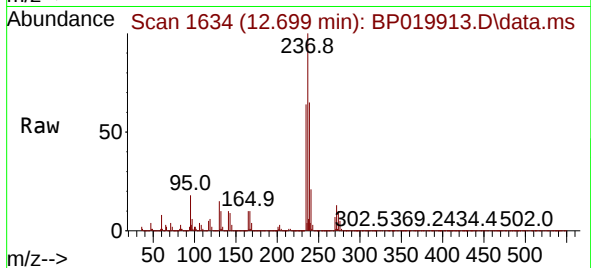
Tgt Ion:237 Resp: 440836

Ion Ratio Lower Upper

237 100

235 63.6 41.5 81.5

272 13.2 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 155.124 ng

RT: 16.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

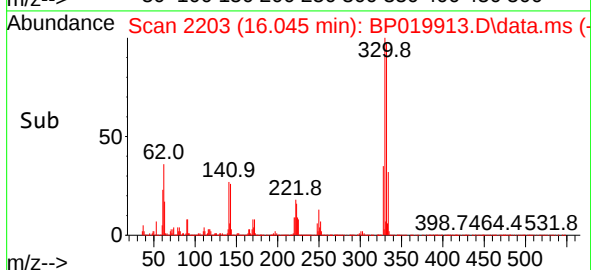
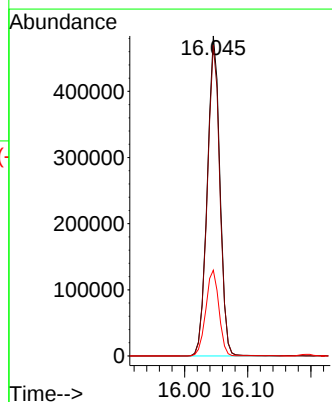
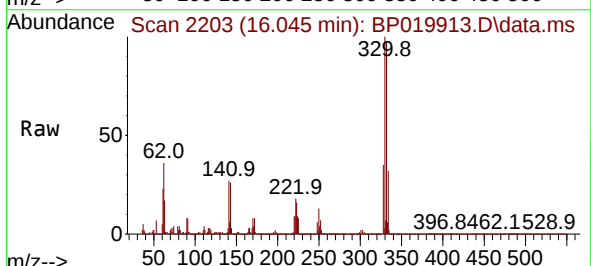
Tgt Ion:330 Resp: 673747

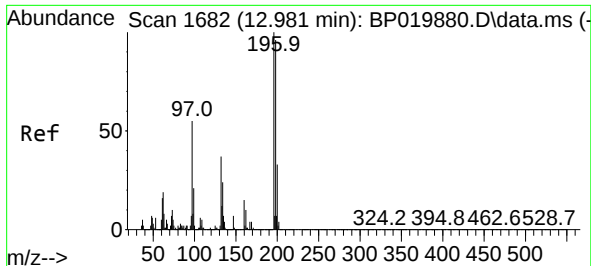
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 27.8 24.6 37.0

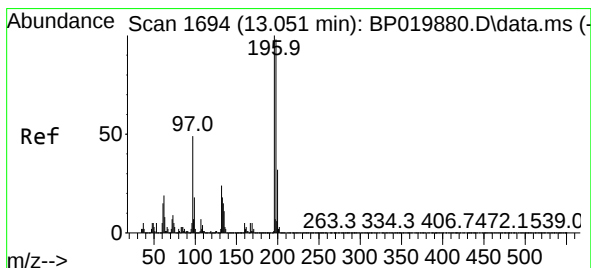
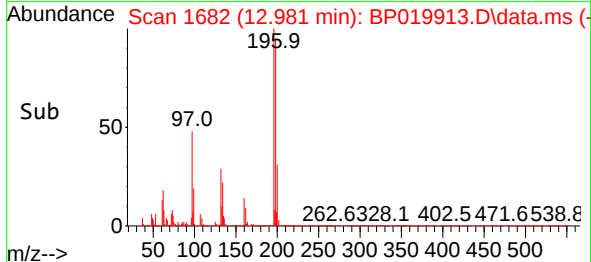
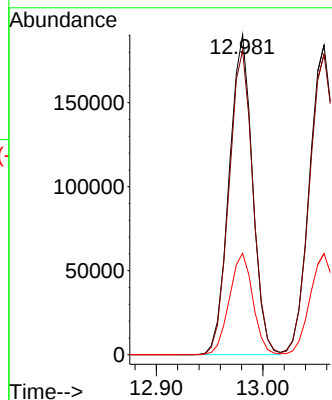
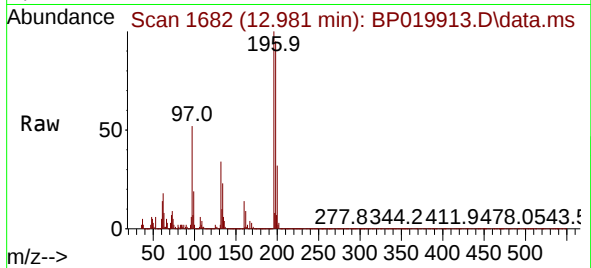




#43
2,4,6-Trichlorophenol
Concen: 50.756 ng
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

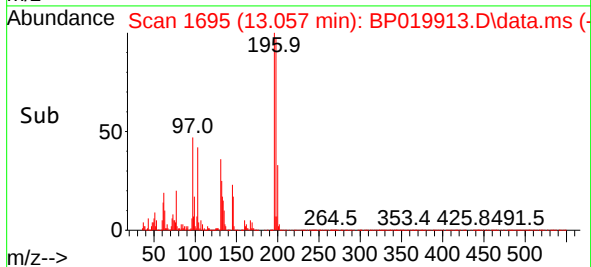
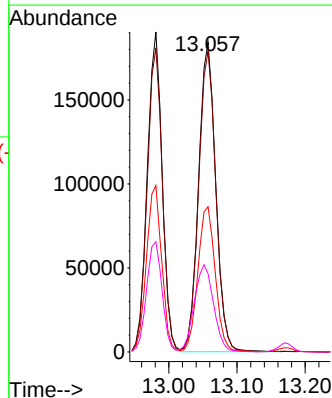
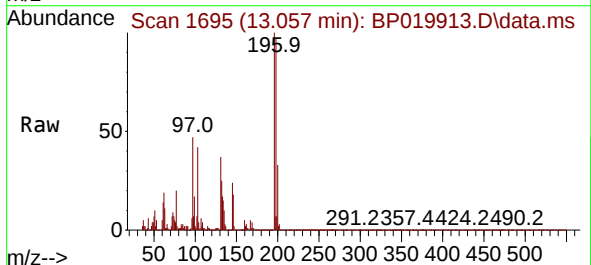
Instrument :
BNA_P
ClientSampleId :
PB159321BS

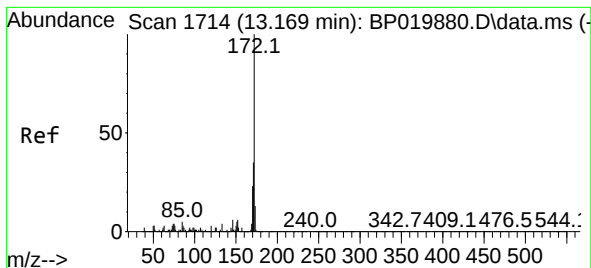
Tgt Ion:196 Resp: 289970
Ion Ratio Lower Upper
196 100
198 95.0 76.5 114.7
200 31.7 26.2 39.4



#44
2,4,5-Trichlorophenol
Concen: 47.303 ng
RT: 13.057 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:196 Resp: 321918
Ion Ratio Lower Upper
196 100
198 97.0 78.2 117.4
97 46.9 39.4 59.2
132 25.3 19.0 28.6

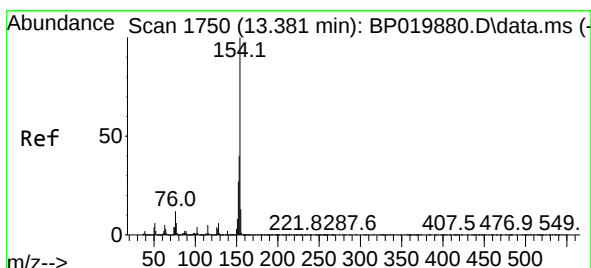
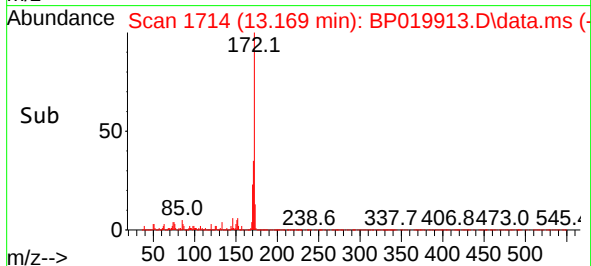
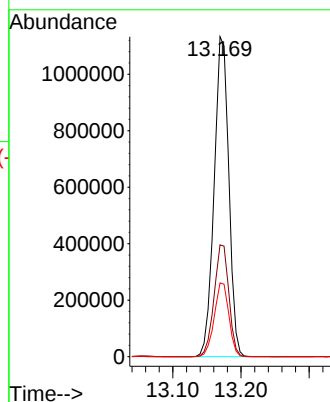
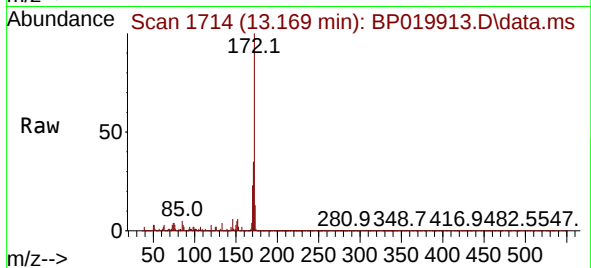




#45
2-Fluorobiphenyl
Concen: 90.470 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

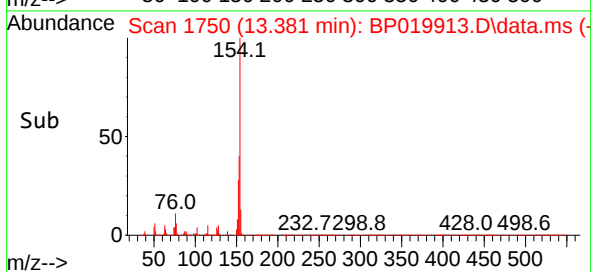
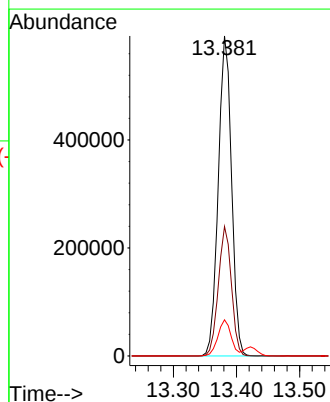
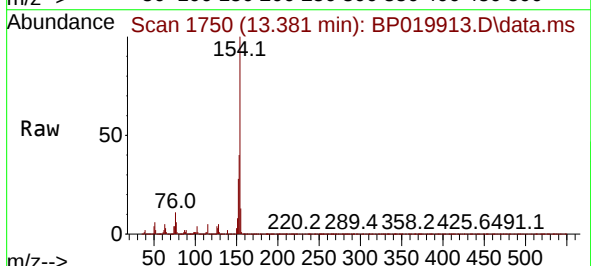
Instrument :
BNA_P
ClientSampleId :
PB159321BS

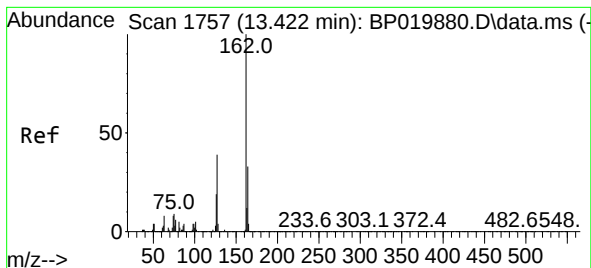
Tgt Ion:172 Resp: 1696108
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.0 18.4 27.6



#46
1,1'-Biphenyl
Concen: 47.442 ng
RT: 13.381 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:154 Resp: 860441
Ion Ratio Lower Upper
154 100
153 40.5 19.8 59.8
76 11.3 0.0 31.8

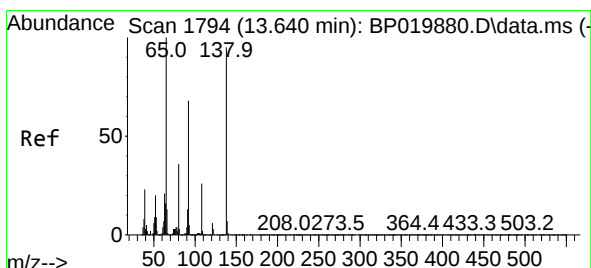
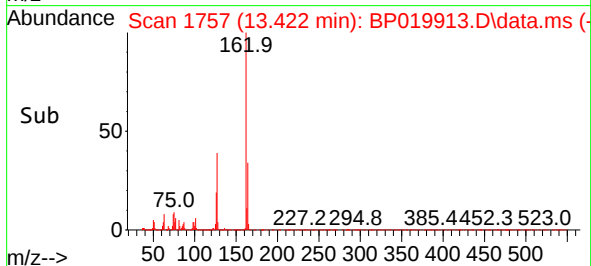
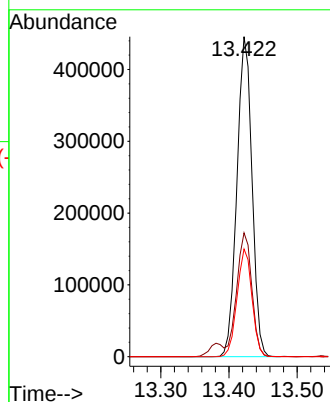
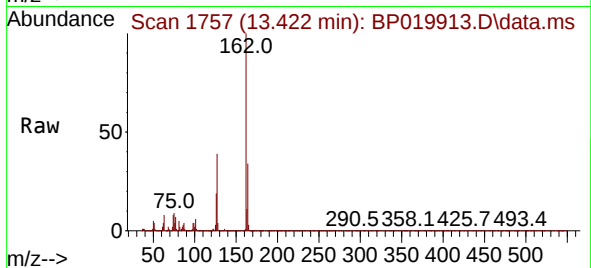




#47
2-Chloronaphthalene
Concen: 48.673 ng
RT: 13.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

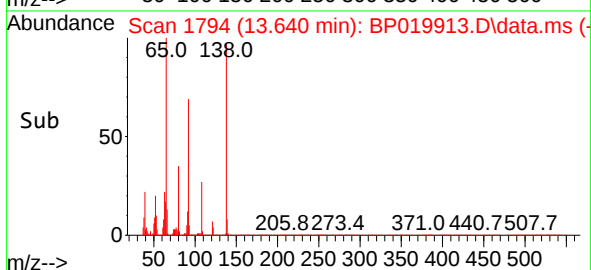
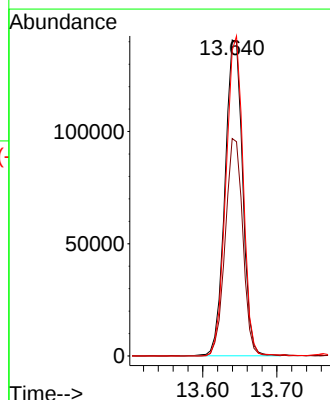
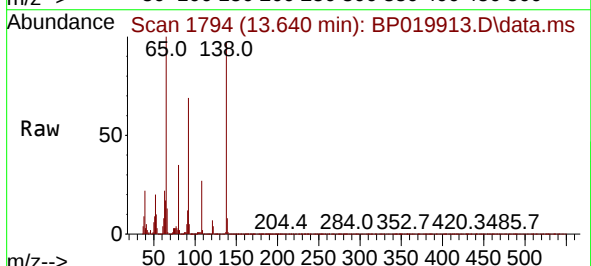
Instrument :
BNA_P
ClientSampleId :
PB159321BS

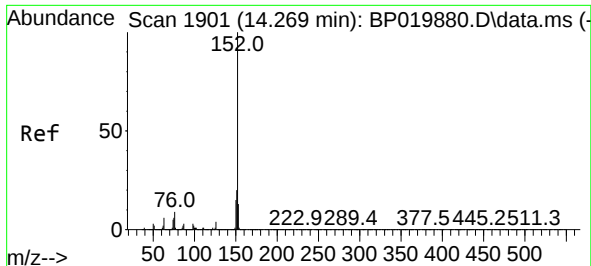
Tgt Ion:162 Resp: 685193
Ion Ratio Lower Upper
162 100
127 38.7 31.4 47.2
164 33.6 26.2 39.4



#48
2-Nitroaniline
Concen: 45.726 ng
RT: 13.640 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion: 65 Resp: 232647
Ion Ratio Lower Upper
65 100
92 68.8 54.3 81.5
138 96.7 75.7 113.5

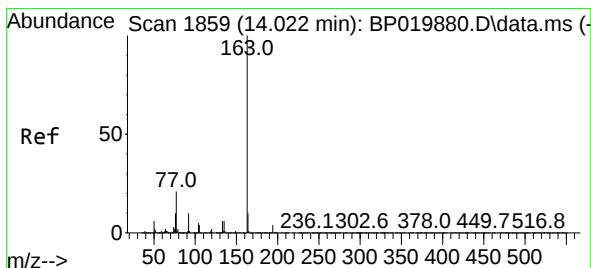
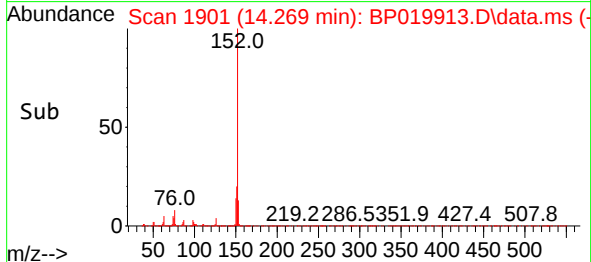
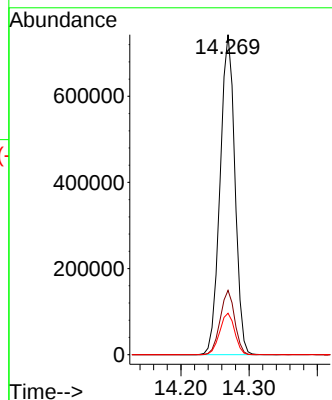
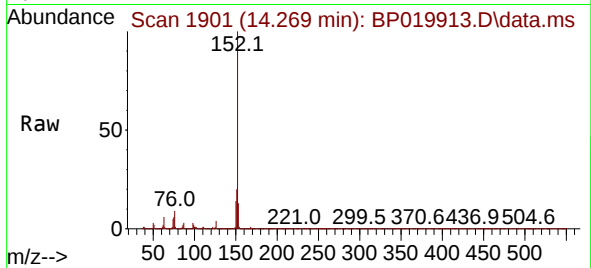




#49
Acenaphthylene
Concen: 49.331 ng
RT: 14.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

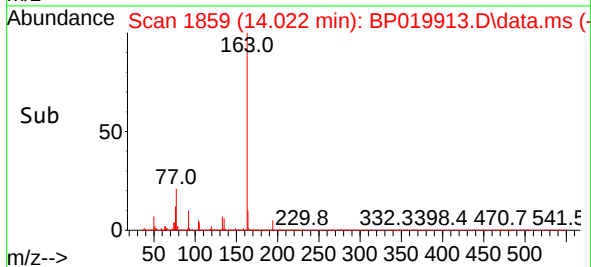
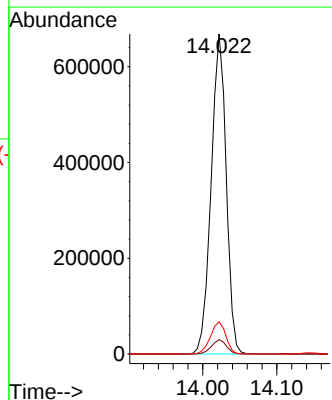
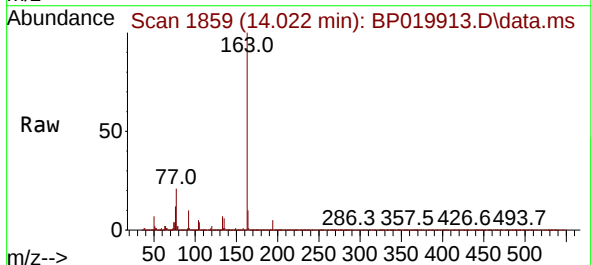
Instrument :
BNA_P
ClientSampleId :
PB159321BS

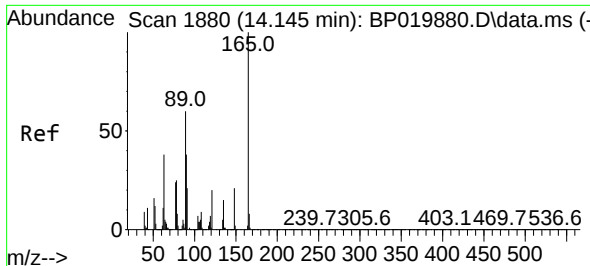
Tgt Ion:152 Resp: 1125096
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 45.502 ng
RT: 14.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:163 Resp: 940891
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.1 8.0 12.0

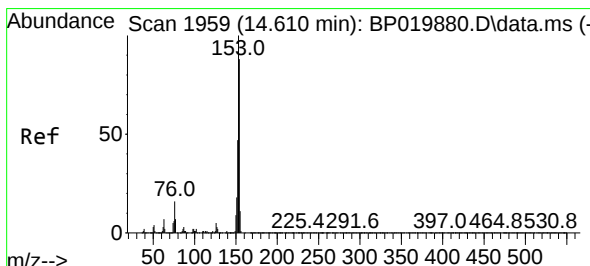
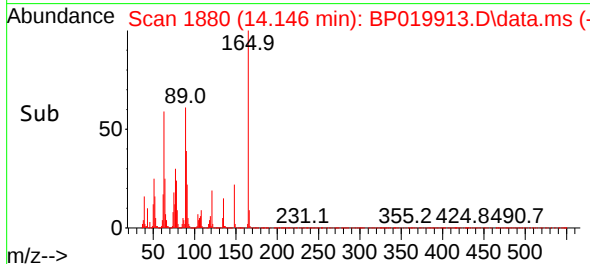
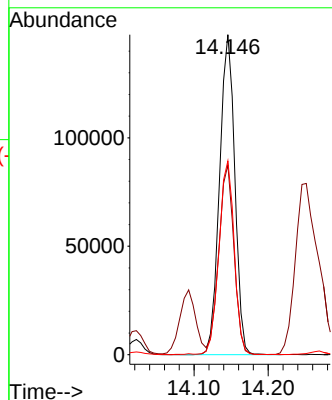
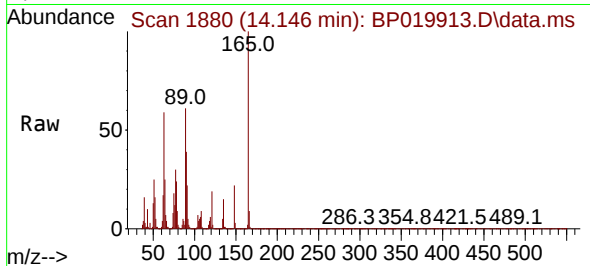




#51
2,6-Dinitrotoluene
Concen: 47.351 ng
RT: 14.146 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

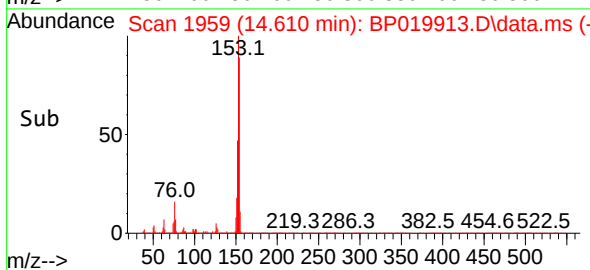
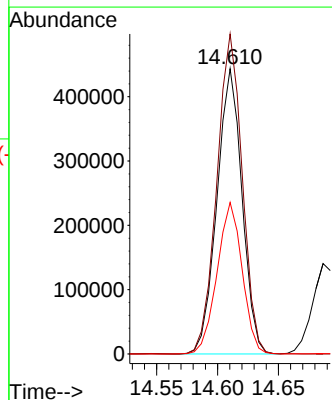
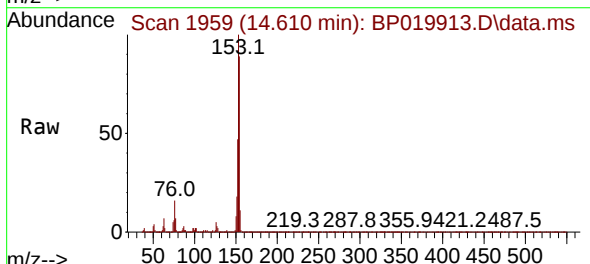
Instrument :
BNA_P
ClientSampleId :
PB159321BS

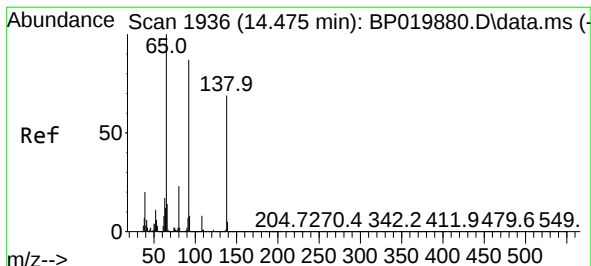
Tgt Ion:165 Resp: 210729
Ion Ratio Lower Upper
165 100
63 59.3 46.9 70.3
89 60.6 48.3 72.5



#52
Acenaphthene
Concen: 46.413 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:154 Resp: 635588
Ion Ratio Lower Upper
154 100
153 112.2 90.9 136.3
152 53.1 42.3 63.5

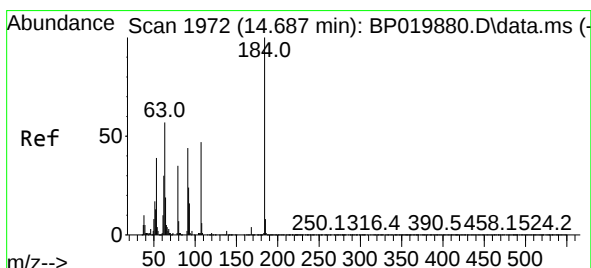
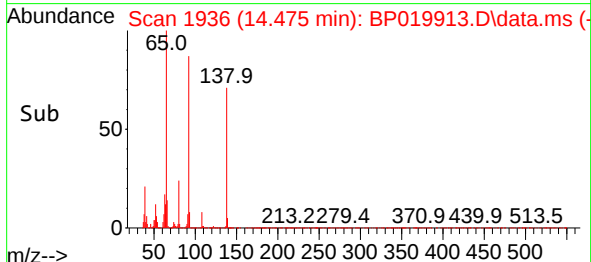
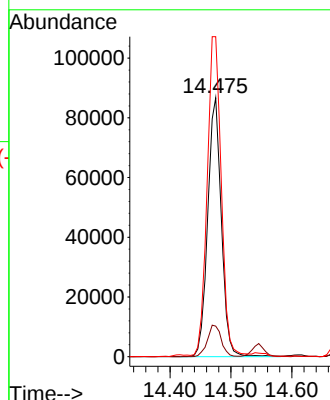
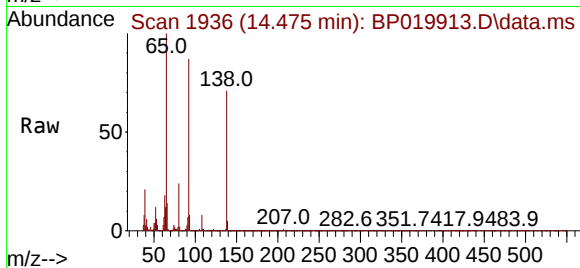




#53
3-Nitroaniline
Concen: 30.567 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

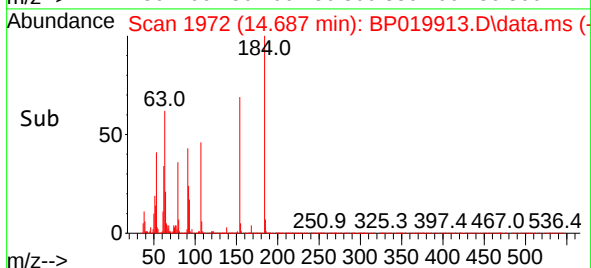
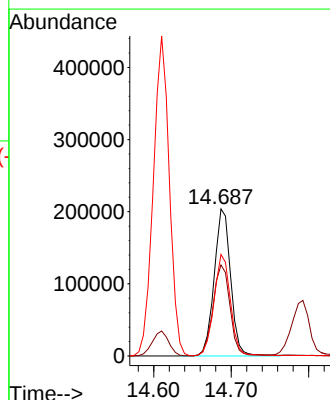
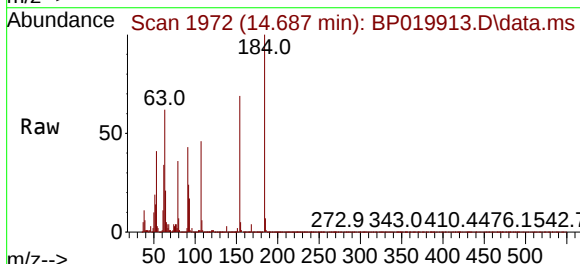
Instrument :
BNA_P
ClientSampleId :
PB159321BS

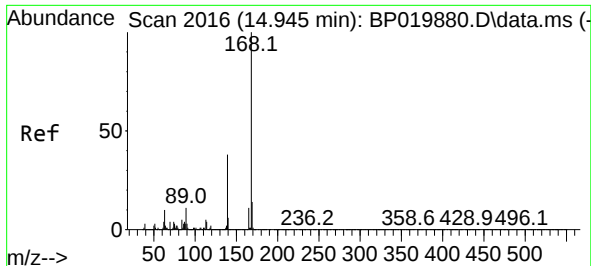
Tgt Ion:138 Resp: 134658
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 123.6 100.3 150.5



#54
2,4-Dinitrophenol
Concen: 103.943 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:184 Resp: 301540
Ion Ratio Lower Upper
184 100
63 61.9 49.6 74.4
154 69.0 54.6 82.0

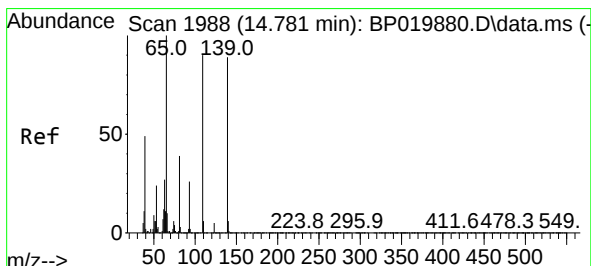
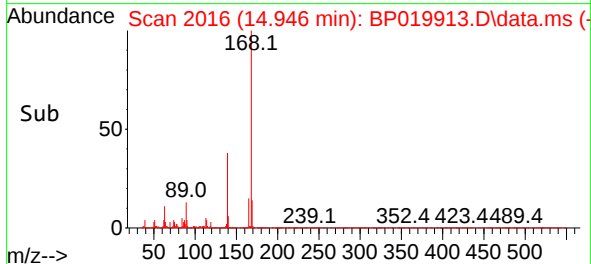
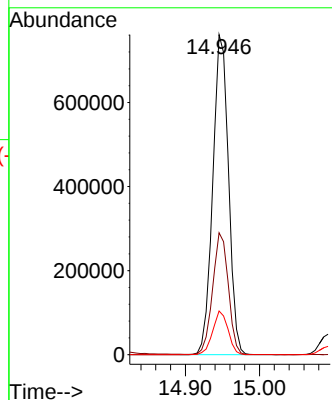
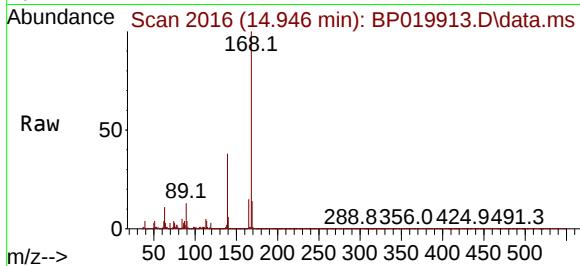




#55
Dibenzofuran
Concen: 47.940 ng
RT: 14.946 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

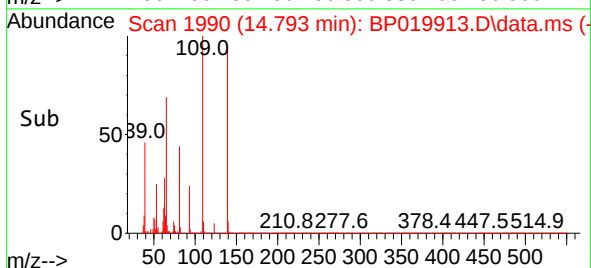
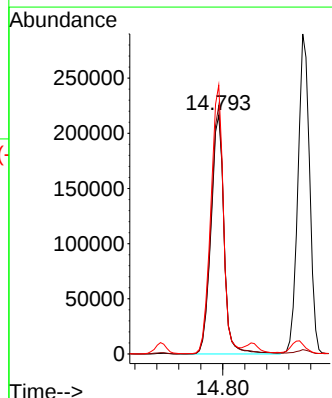
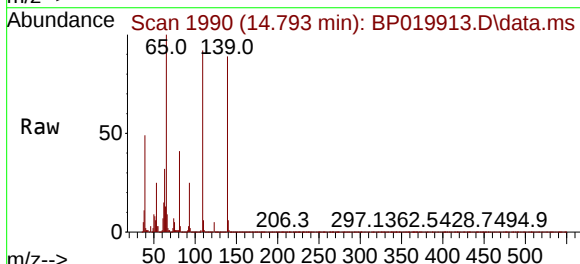
Instrument :
BNA_P
ClientSampleId :
PB159321BS

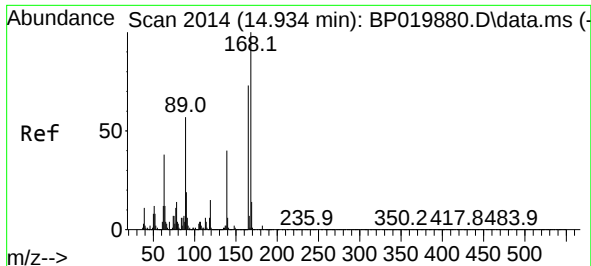
Tgt Ion:168 Resp: 1120429
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 103.103 ng
RT: 14.793 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:139 Resp: 355302
Ion Ratio Lower Upper
139 100
109 104.1 81.3 121.3
65 112.6 93.5 133.5

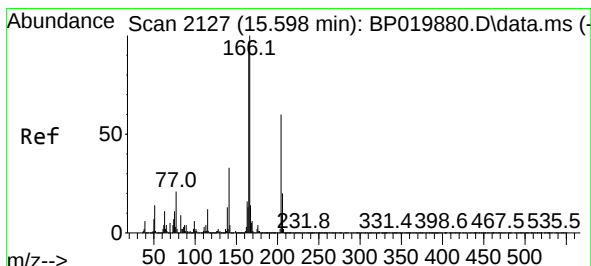
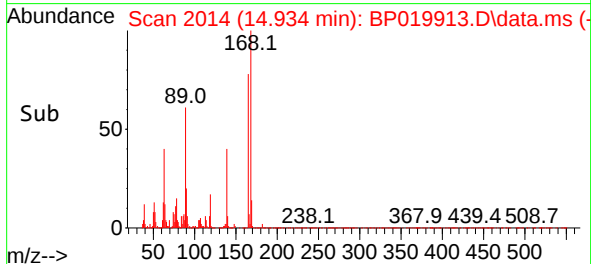
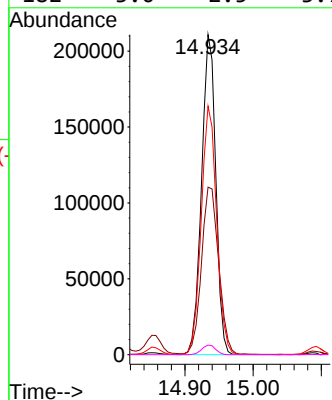
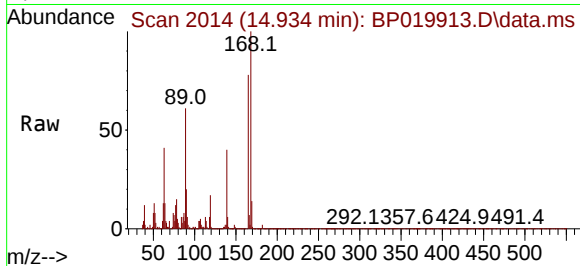




#57
2,4-Dinitrotoluene
Concen: 48.268 ng
RT: 14.934 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

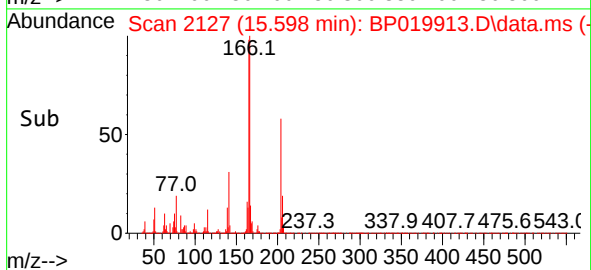
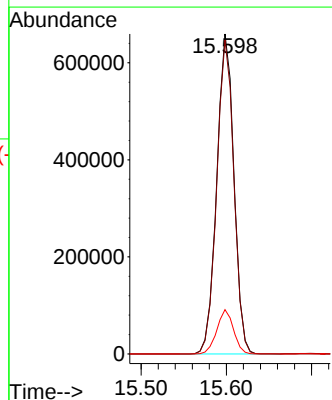
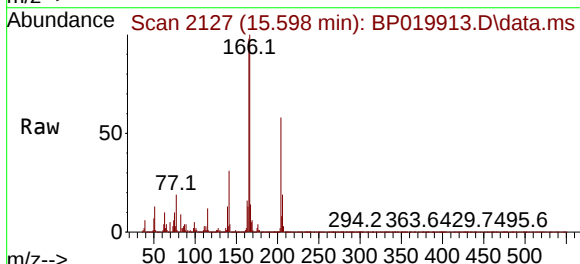
Instrument :
BNA_P
ClientSampleId :
PB159321BS

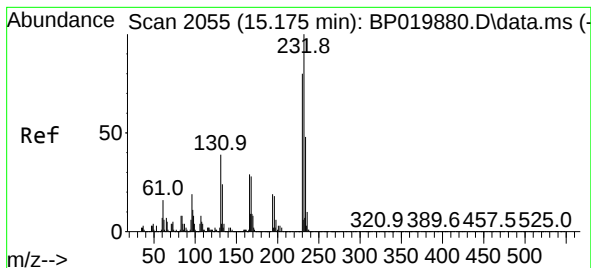
Tgt Ion:165 Resp: 305717
Ion Ratio Lower Upper
165 100
63 52.3 41.4 62.0
89 77.7 62.1 93.1
182 3.0 2.5 3.7



#58
Fluorene
Concen: 48.765 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:166 Resp: 924328
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.6
167 13.9 10.8 16.2

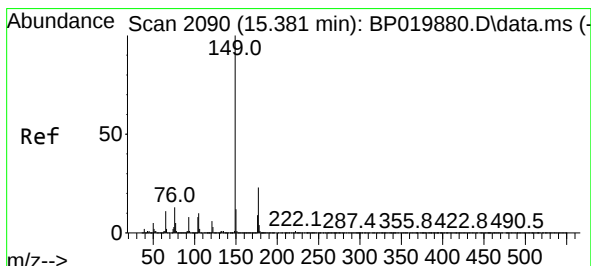
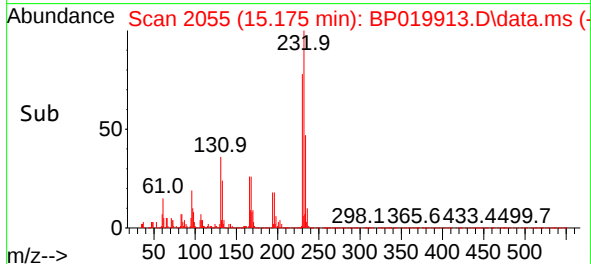
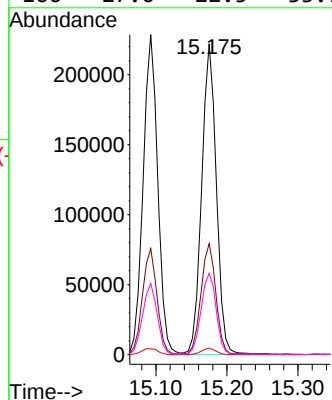
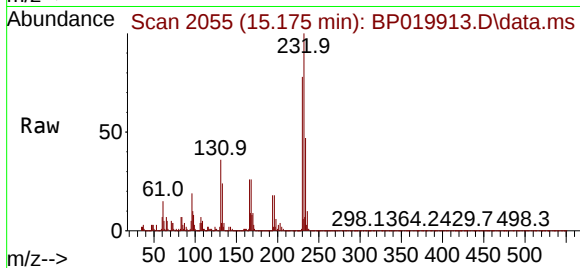




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.034 ng
RT: 15.175 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

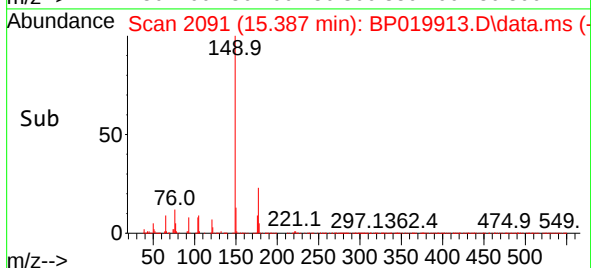
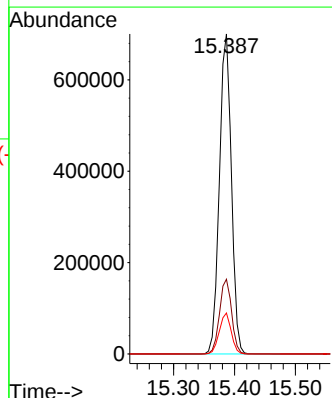
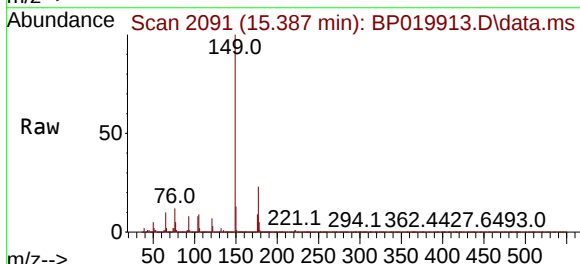
Instrument :
BNA_P
ClientSampleId :
PB159321BS

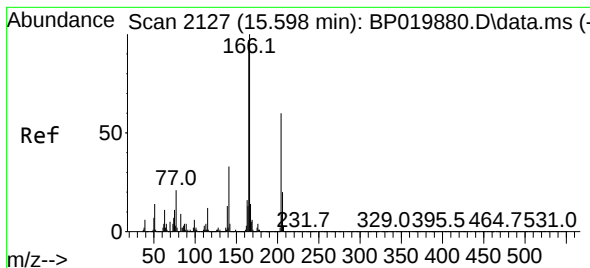
Tgt Ion:	232	Resp:	318644
Ion	Ratio	Lower	Upper
232	100		
131	36.3	30.7	46.1
130	2.1	1.8	2.6
166	27.0	22.5	33.7



#60
Diethylphthalate
Concen: 46.664 ng
RT: 15.387 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:	149	Resp:	953269
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.4	27.6
150	12.8	9.9	14.9

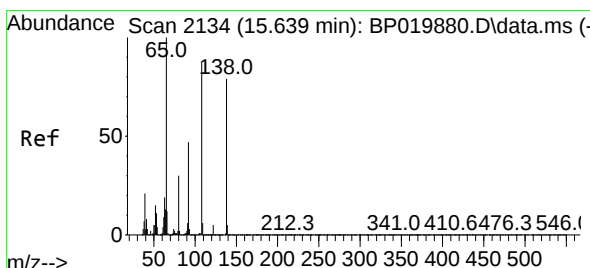
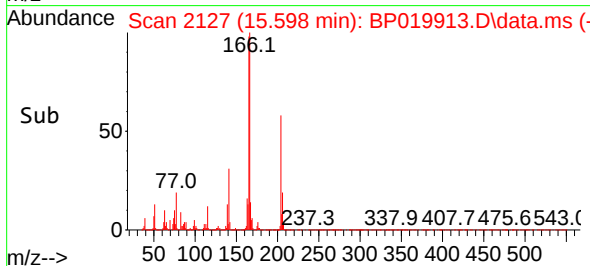
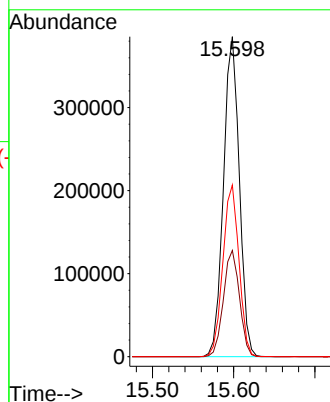
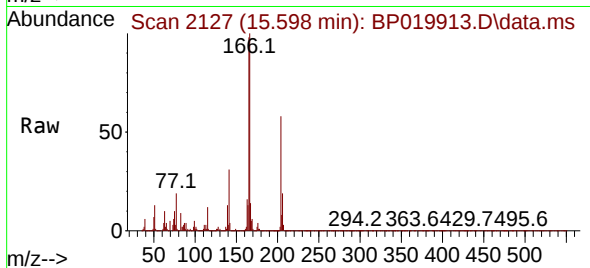




#61
4-Chlorophenyl-phenylether
Concen: 48.310 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

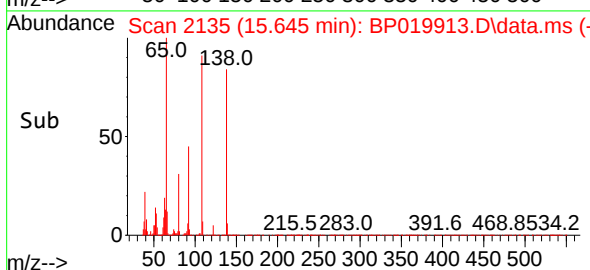
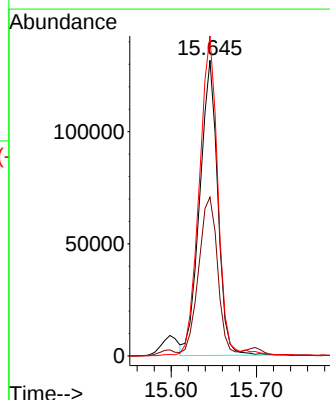
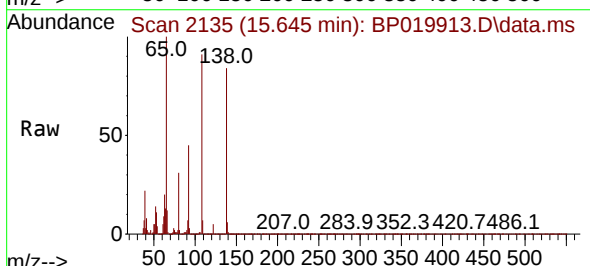
Instrument :
BNA_P
ClientSampleId :
PB159321BS

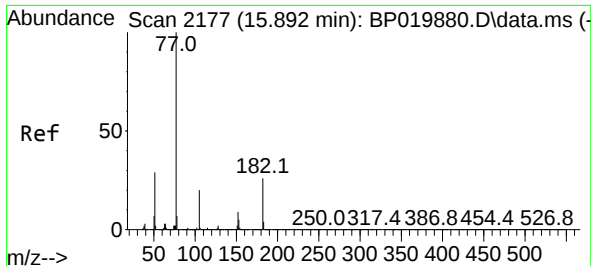
Tgt Ion:204 Resp: 523688
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 53.7 44.2 66.4



#62
4-Nitroaniline
Concen: 42.039 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:138 Resp: 192892
Ion Ratio Lower Upper
138 100
92 53.7 39.5 79.5
108 108.2 90.7 130.7

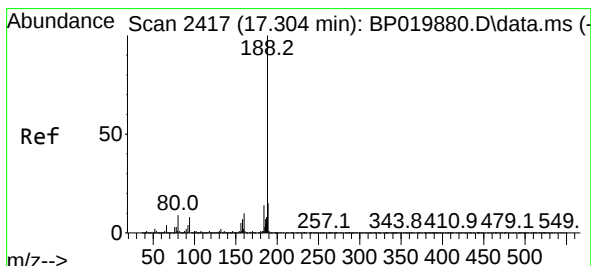
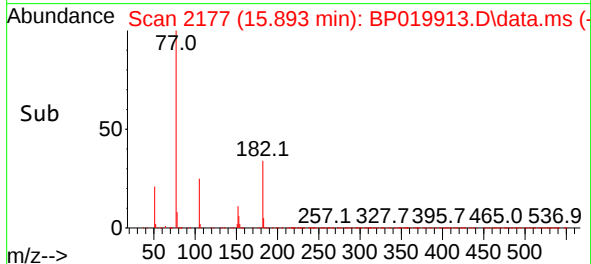
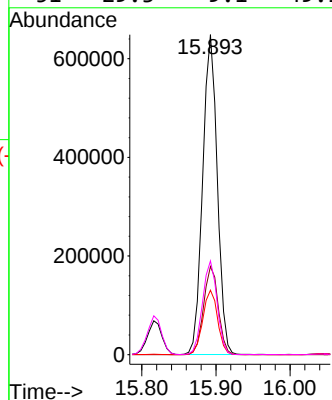
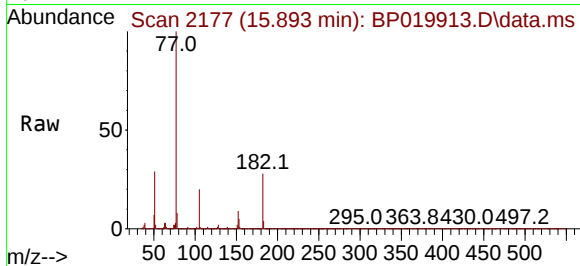




#63
Azobenzene
Concen: 46.628 ng
RT: 15.893 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

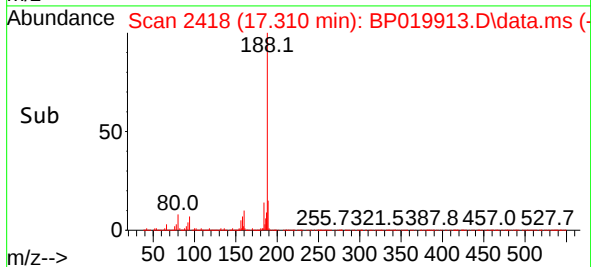
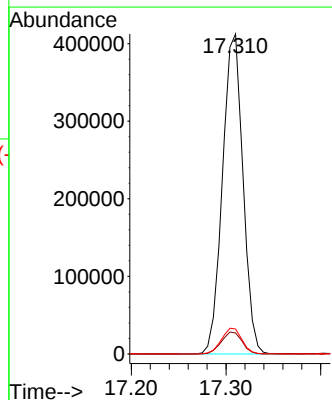
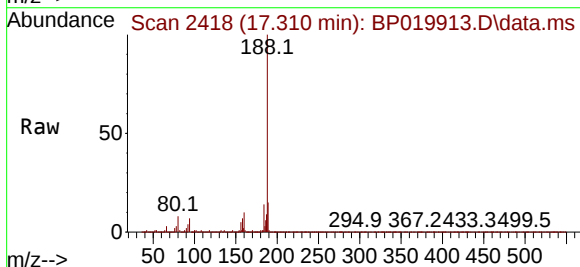
Instrument :
BNA_P
ClientSampleId :
PB159321BS

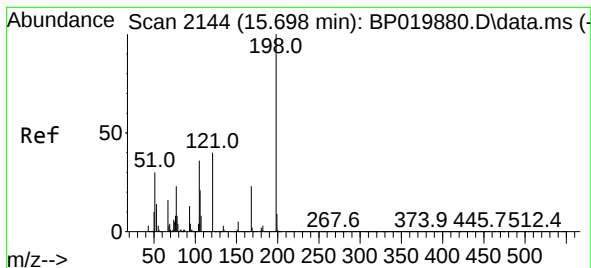
Tgt Ion: 77	Resp: 886752
Ion Ratio	Lower Upper
77 100	
182 27.6	6.3 46.3
105 20.1	0.0 40.0
51 29.3	9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:188	Resp: 620271
Ion Ratio	Lower Upper
188 100	
94 6.5	6.2 9.4
80 7.8	7.0 10.4

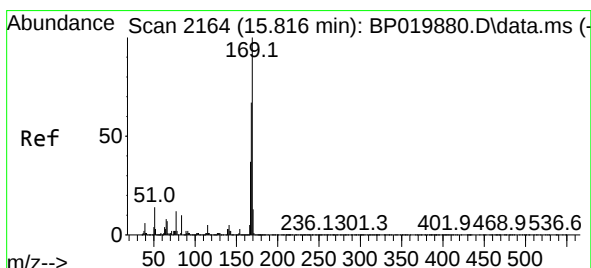
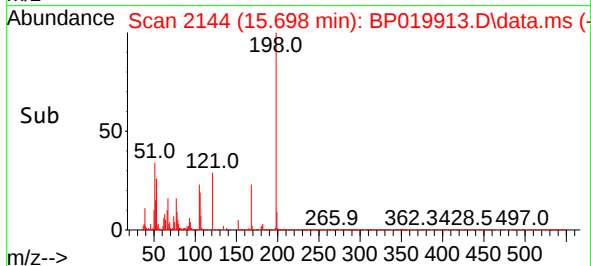
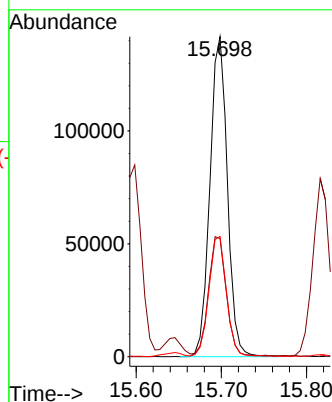
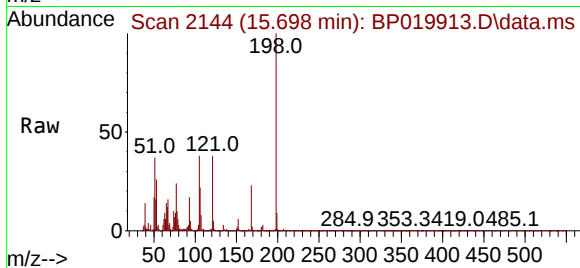




#65
4,6-Dinitro-2-methylphenol
Concen: 47.937 ng
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

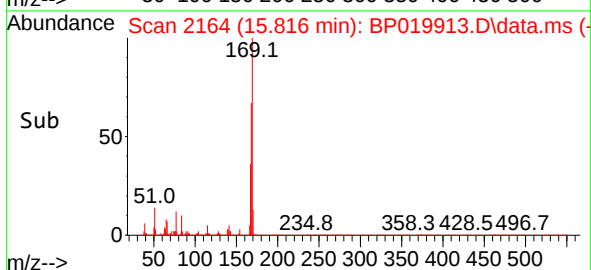
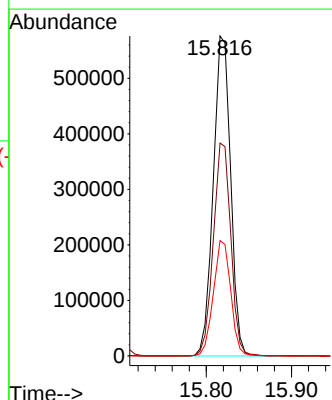
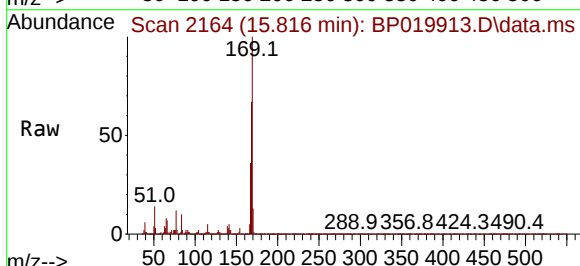
Instrument :
BNA_P
ClientSampleId :
PB159321BS

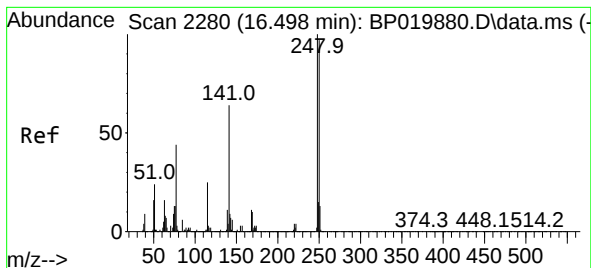
Tgt Ion:198 Resp: 201815
Ion Ratio Lower Upper
198 100
51 37.0 16.3 56.3
105 37.6 17.8 57.8



#66
n-Nitrosodiphenylamine
Concen: 45.766 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:169 Resp: 814553
Ion Ratio Lower Upper
169 100
168 66.5 53.6 80.4
167 36.1 29.4 44.0

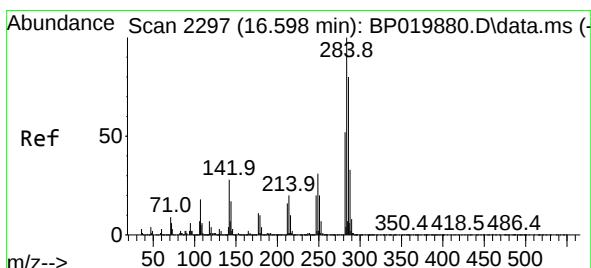
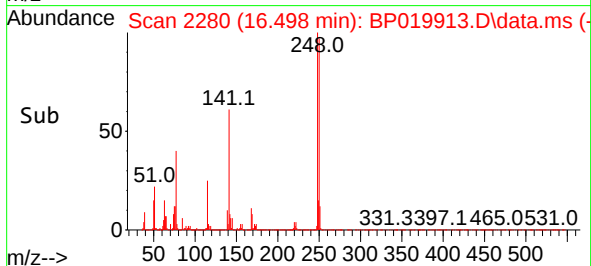
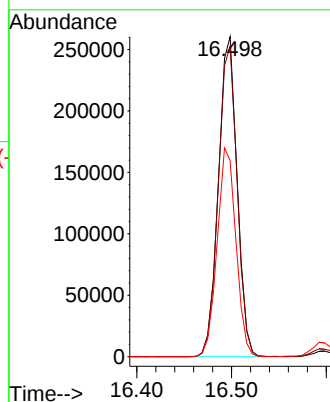
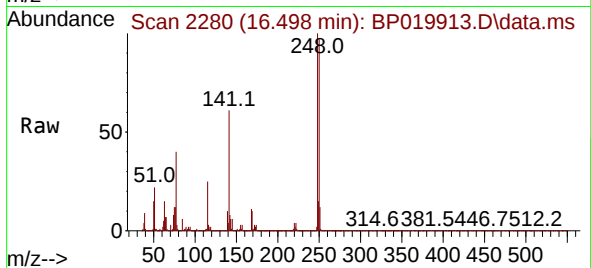




#67
4-Bromophenyl-phenylether
Concen: 46.559 ng
RT: 16.498 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

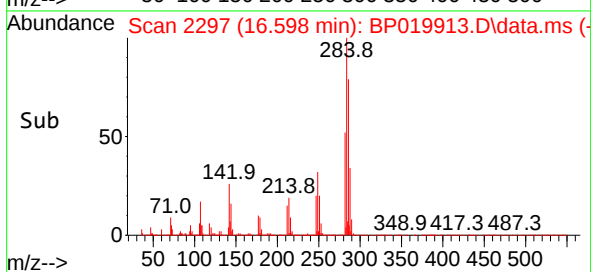
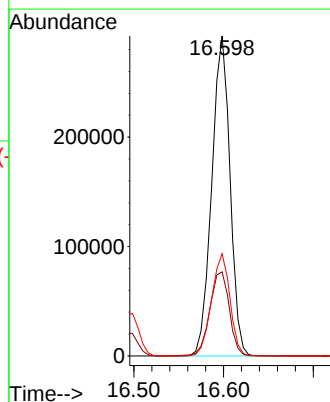
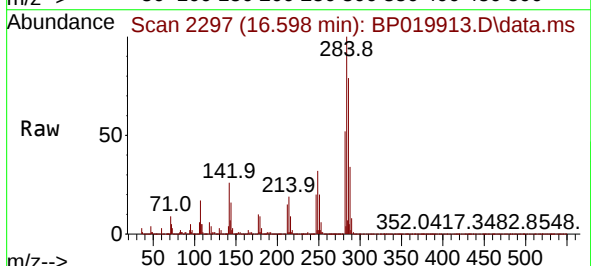
Instrument :
BNA_P
ClientSampleId :
PB159321BS

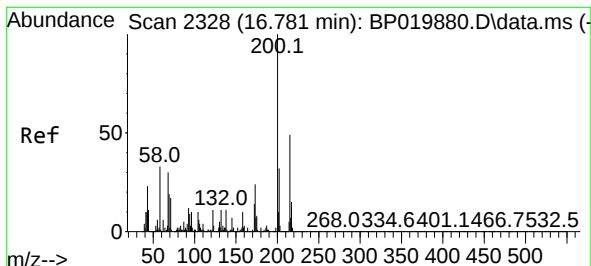
Tgt Ion:248 Resp: 357088
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 61.3 51.6 77.4



#68
Hexachlorobenzene
Concen: 49.956 ng
RT: 16.598 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:284 Resp: 413194
Ion Ratio Lower Upper
284 100
142 26.3 22.6 33.8
249 32.0 25.2 37.8





#69

Atrazine

Concen: 40.834 ng

RT: 16.787 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

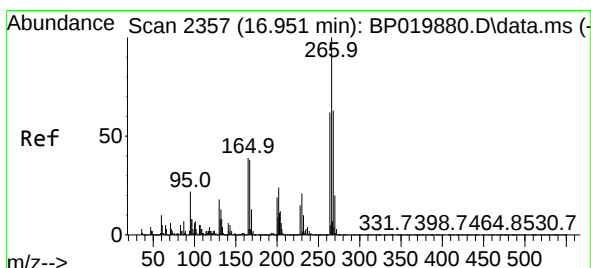
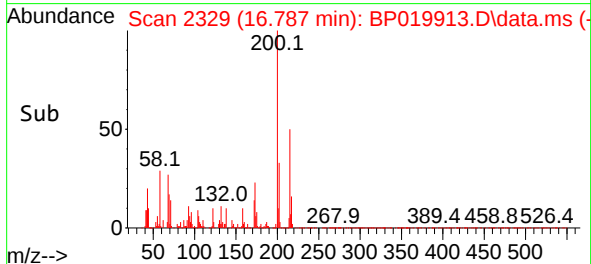
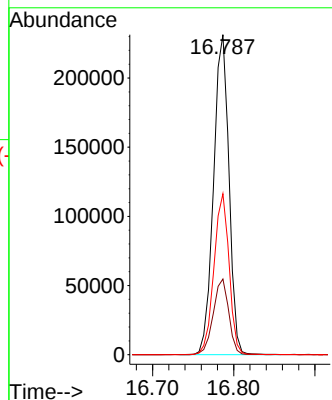
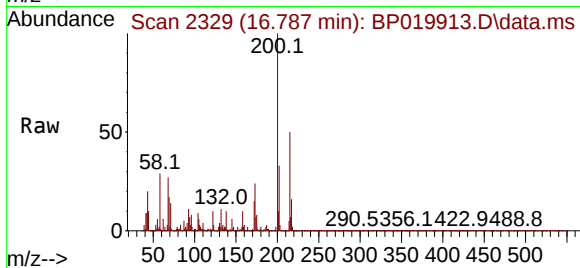
Tgt Ion:200 Resp: 304091

Ion Ratio Lower Upper

200 100

173 23.7 4.1 44.1

215 50.3 29.1 69.1



#70

Pentachlorophenol

Concen: 95.414 ng

RT: 16.951 min Scan# 2357

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

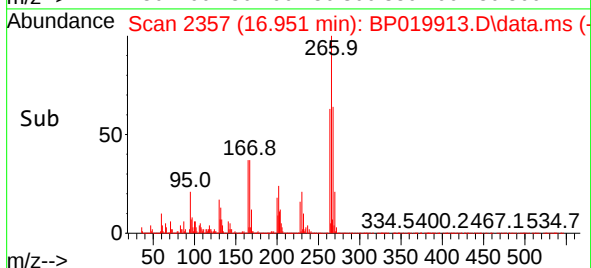
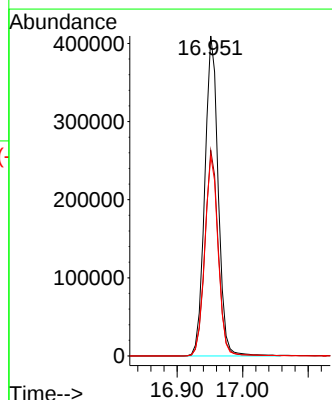
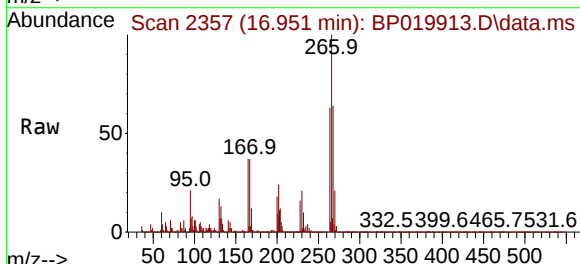
Tgt Ion:266 Resp: 583335

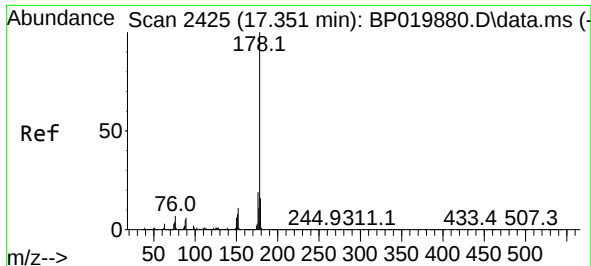
Ion Ratio Lower Upper

266 100

268 64.3 50.6 76.0

264 62.5 49.7 74.5

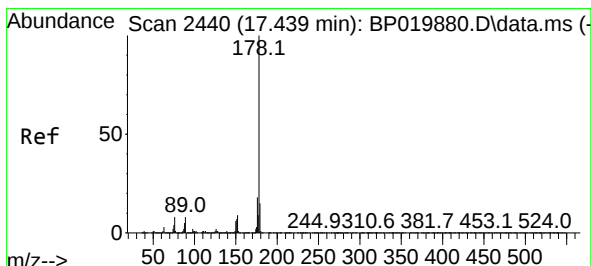
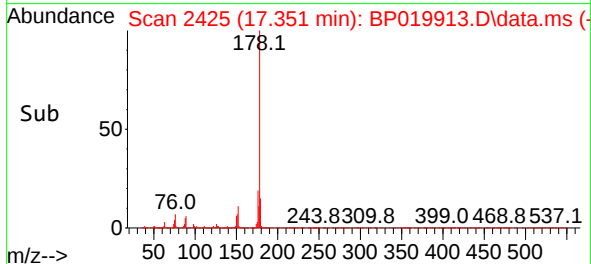
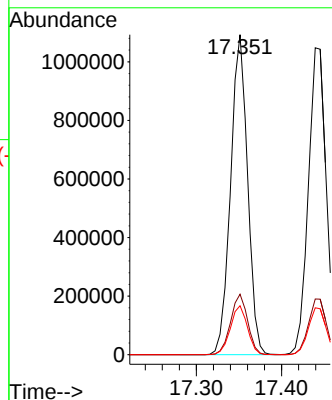
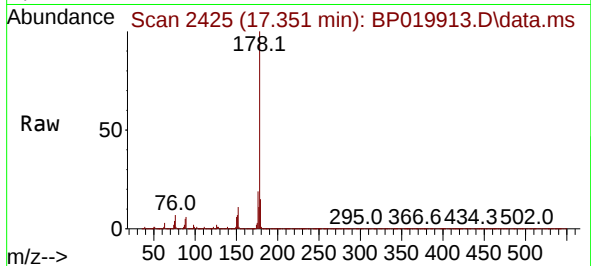




#71
Phenanthrene
Concen: 45.616 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

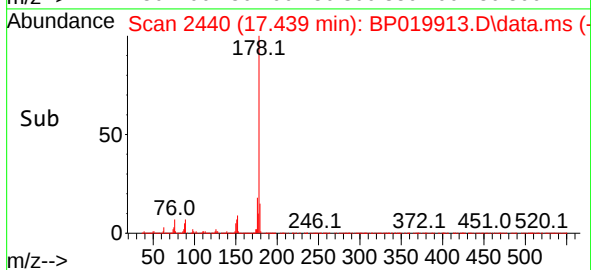
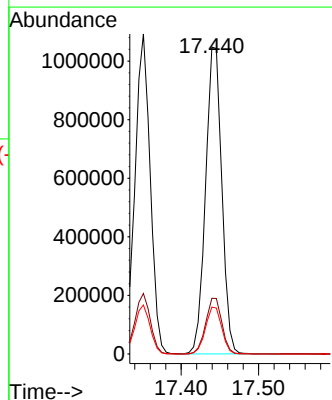
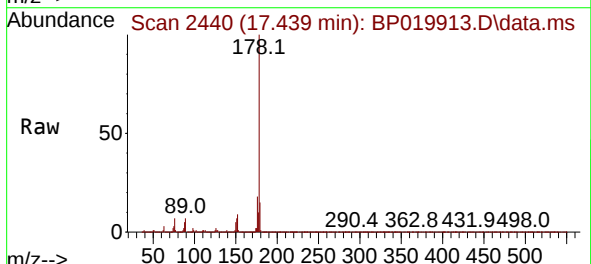
Instrument :
BNA_P
ClientSampleId :
PB159321BS

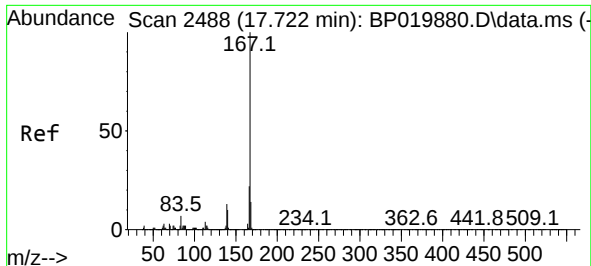
Tgt Ion:178 Resp: 1510245
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.3 12.5 18.7



#72
Anthracene
Concen: 45.133 ng
RT: 17.439 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:178 Resp: 1525388
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.3 12.2 18.4

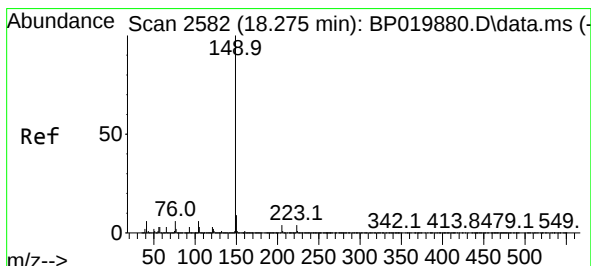
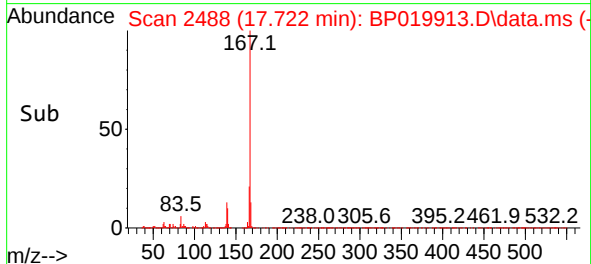
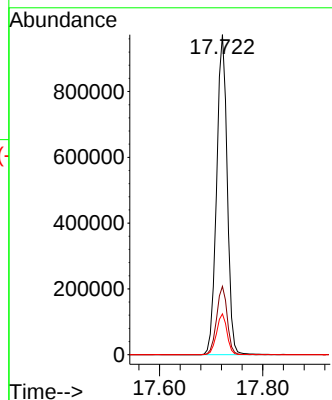
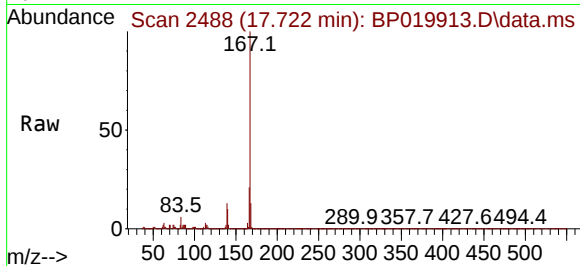




#73
 Carbazole
 Concen: 46.072 ng
 RT: 17.722 min Scan# 2488
 Delta R.T. 0.000 min
 Lab File: BP019913.D
 Acq: 28 Feb 2024 13:06

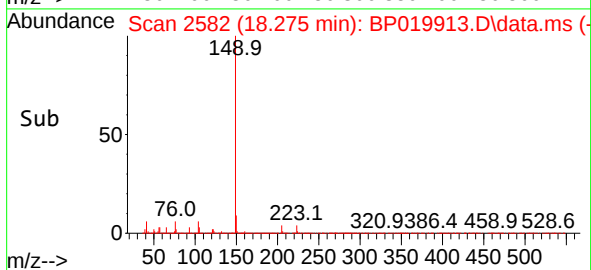
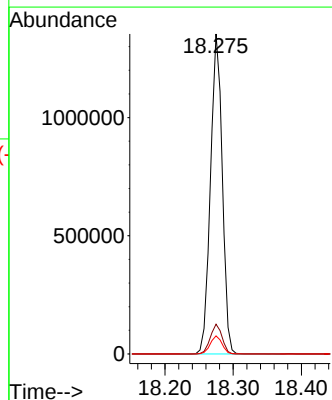
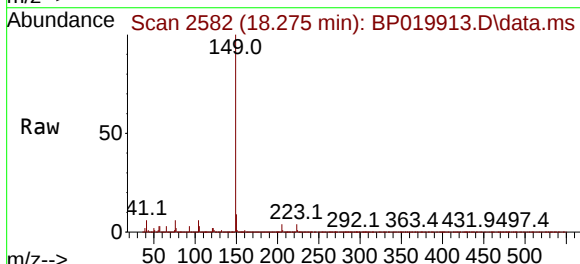
Instrument :
 BNA_P
 ClientSampleId :
 PB159321BS

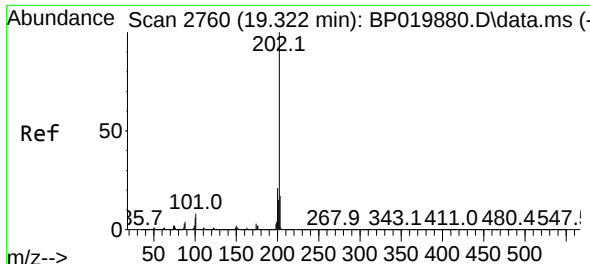
Tgt Ion:167 Resp: 1379121
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 12.7 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.521 ng
 RT: 18.275 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BP019913.D
 Acq: 28 Feb 2024 13:06

Tgt Ion:149 Resp: 1629294
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.6 4.6 7.0

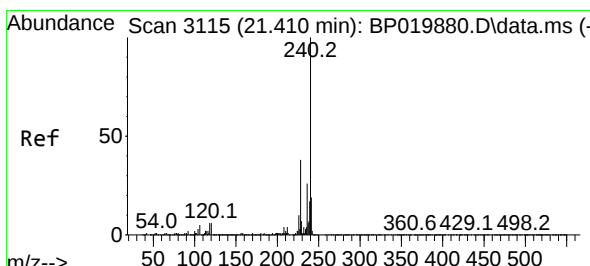
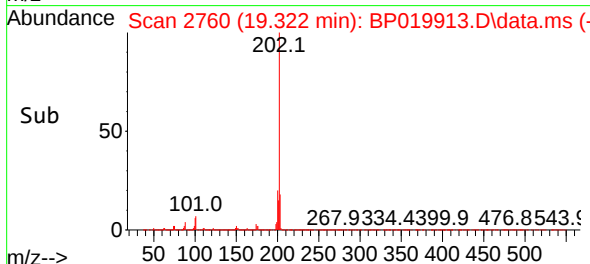
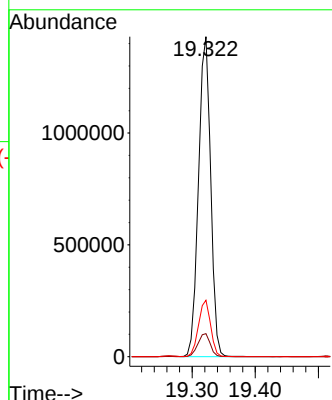
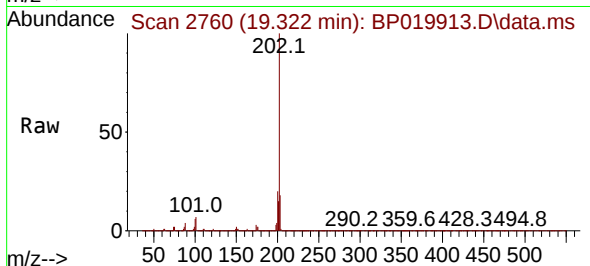




#75
Fluoranthene
Concen: 44.463 ng
RT: 19.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

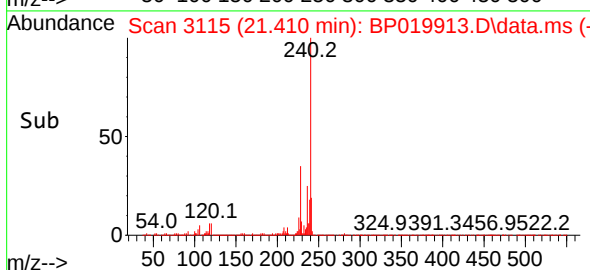
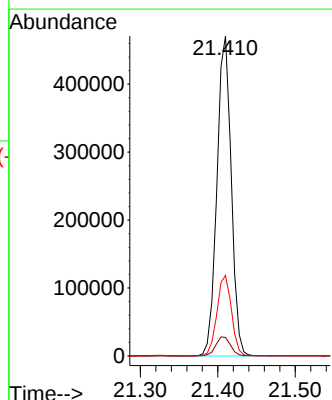
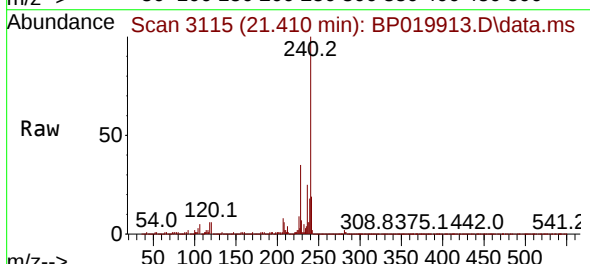
Instrument :
BNA_P
ClientSampleId :
PB159321BS

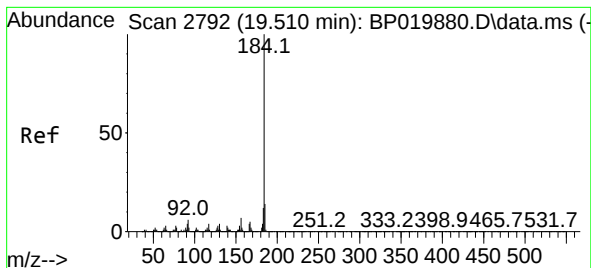
Tgt Ion:202 Resp: 1910463
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:240 Resp: 603306
Ion Ratio Lower Upper
240 100
120 5.8 5.1 7.7
236 25.2 20.5 30.7





#77

Benzidine

Concen: 23.438 ng

RT: 19.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

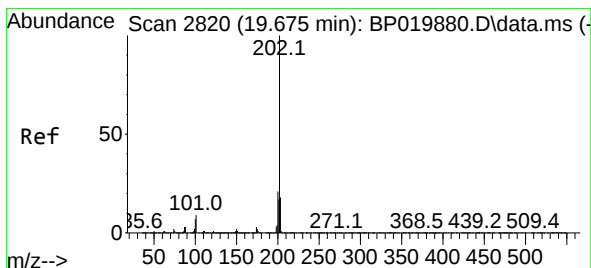
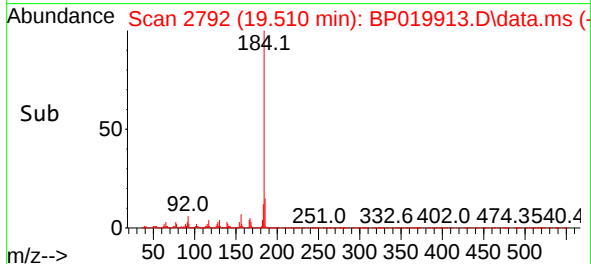
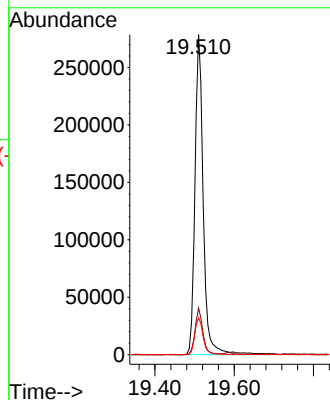
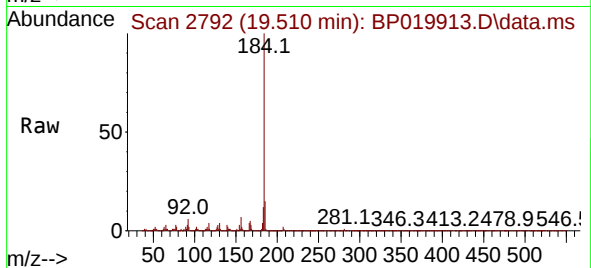
Tgt Ion:184 Resp: 406177

Ion Ratio Lower Upper

184 100

185 14.6 11.2 16.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 47.042 ng

RT: 19.675 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

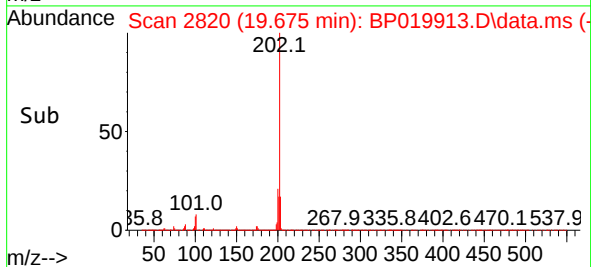
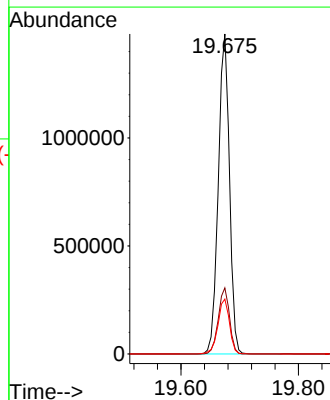
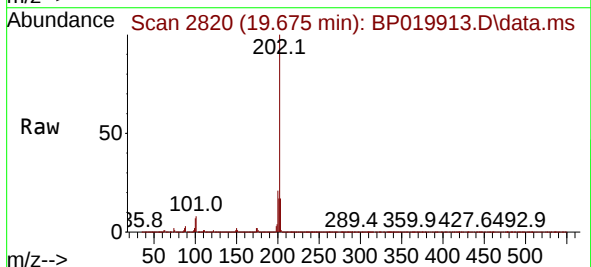
Tgt Ion:202 Resp: 1949940

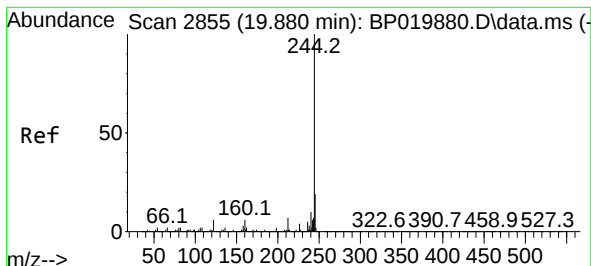
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.1 14.2 21.2





#79

Terphenyl-d14

Concen: 91.765 ng

RT: 19.875 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

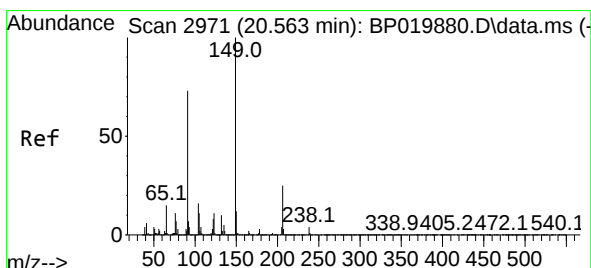
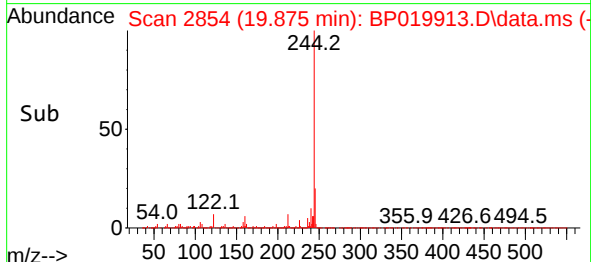
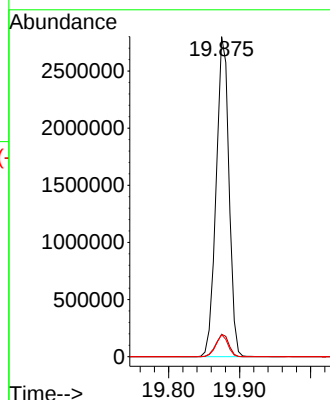
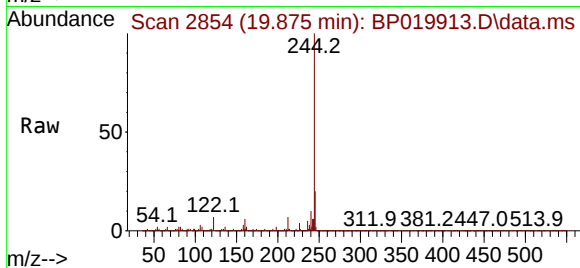
Tgt Ion:244 Resp: 3512507

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 6.9 5.0 7.6



#80

Butylbenzylphthalate

Concen: 43.379 ng

RT: 20.563 min Scan# 2971

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

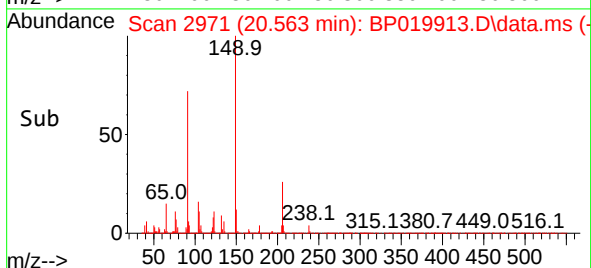
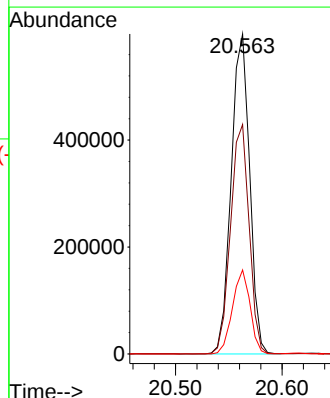
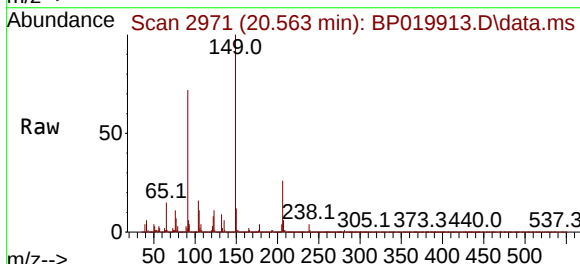
Tgt Ion:149 Resp: 719032

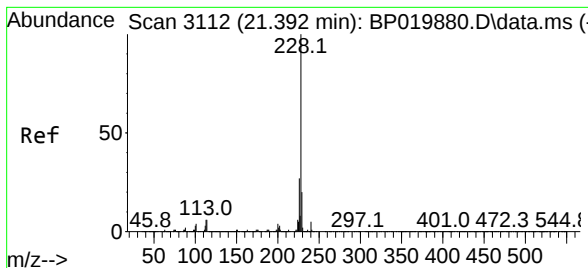
Ion Ratio Lower Upper

149 100

91 71.7 58.3 87.5

206 26.2 19.8 29.8





#81

Benzo(a)anthracene

Concen: 46.411 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

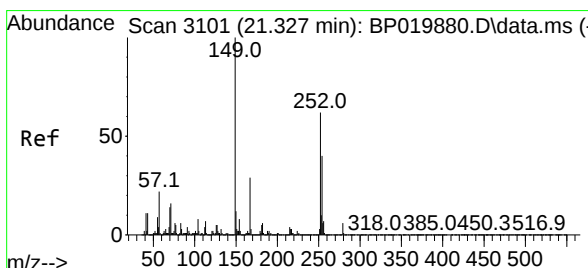
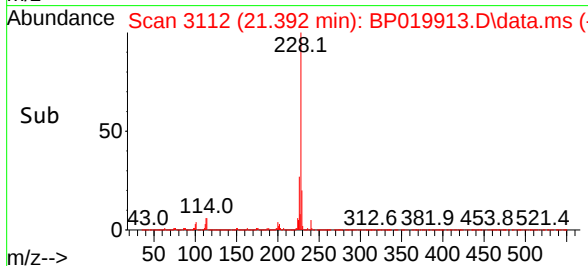
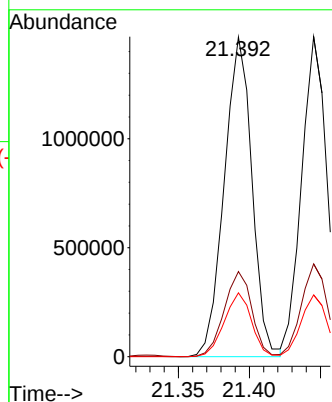
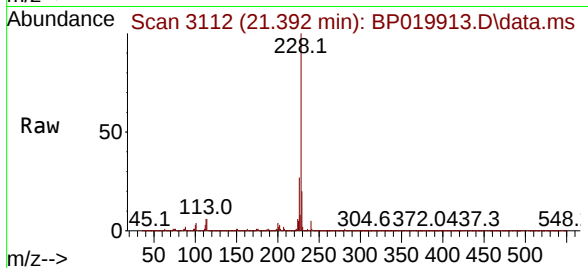
Tgt Ion:228 Resp: 1987561

Ion Ratio Lower Upper

228 100

226 26.6 21.5 32.3

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 35.093 ng

RT: 21.328 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

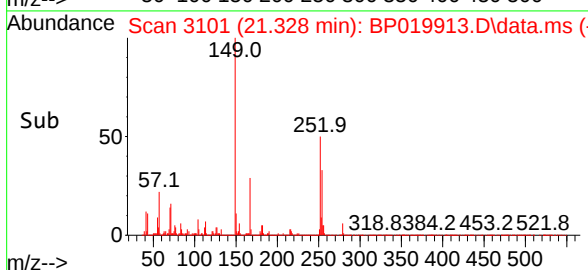
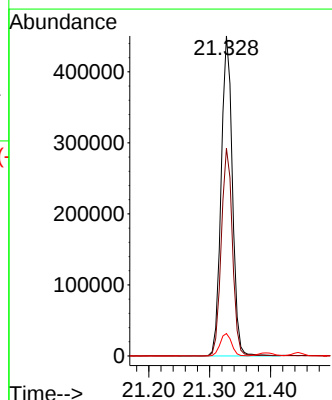
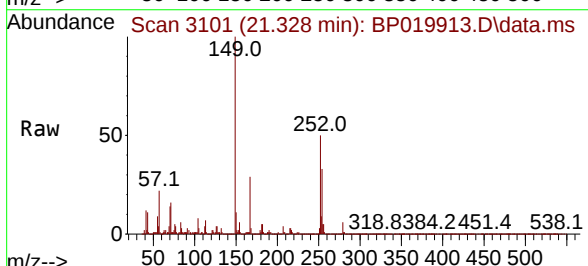
Tgt Ion:252 Resp: 576402

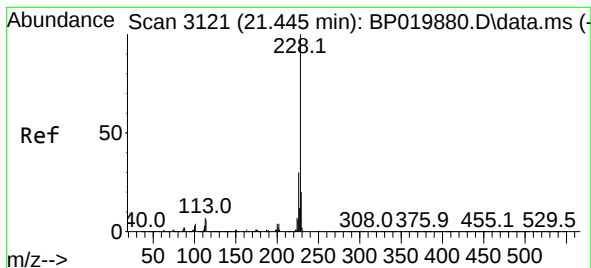
Ion Ratio Lower Upper

252 100

254 64.9 52.0 78.0

126 7.0 6.1 9.1





#83

Chrysene

Concen: 45.392 ng

RT: 21.445 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

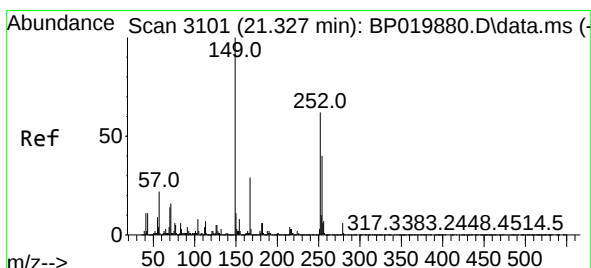
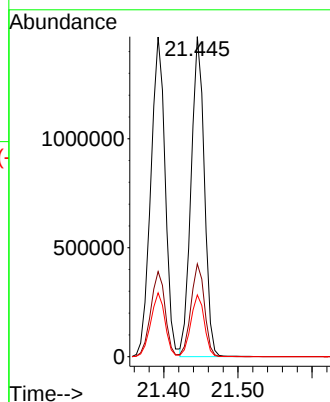
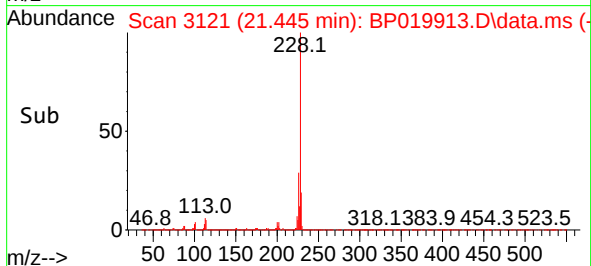
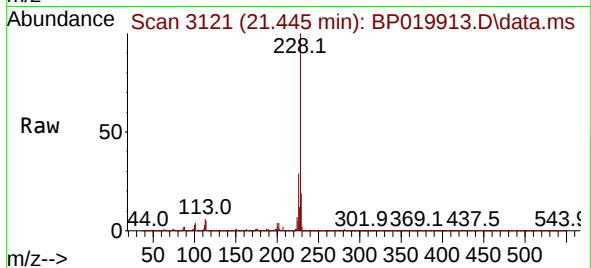
Tgt Ion:228 Resp: 1821498

Ion Ratio Lower Upper

228 100

226 29.0 23.9 35.9

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.712 ng

RT: 21.328 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

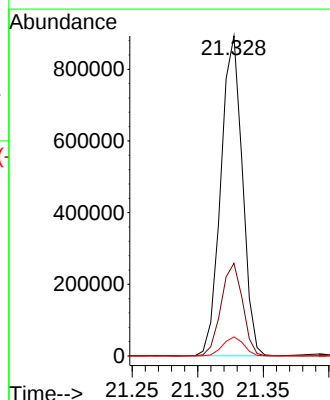
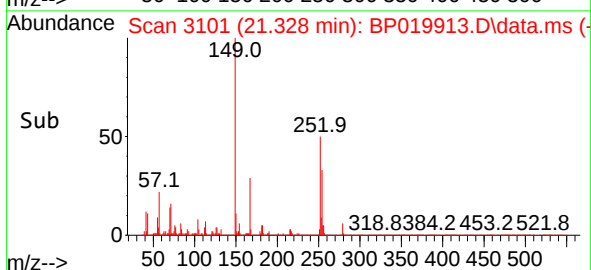
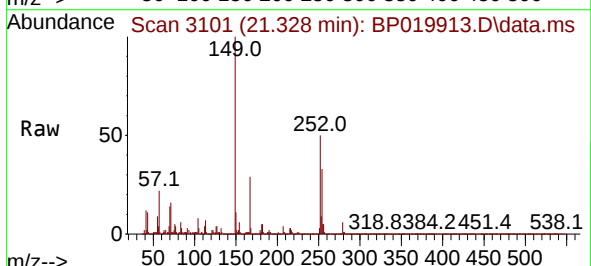
Tgt Ion:149 Resp: 1016299

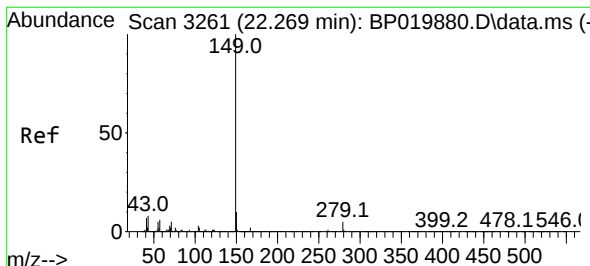
Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.4

279 5.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 42.860 ng

RT: 22.269 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

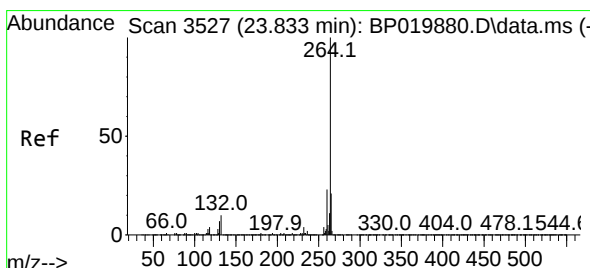
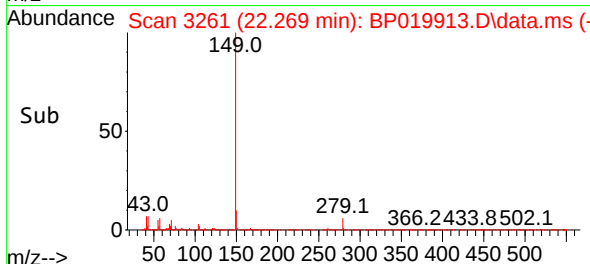
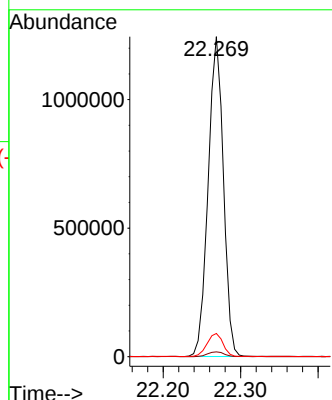
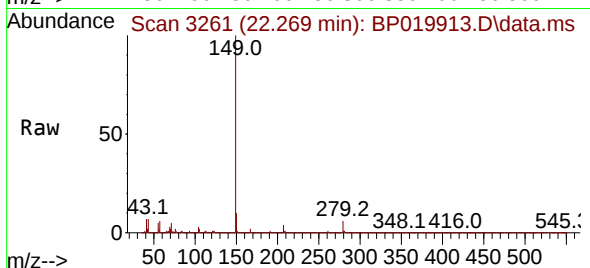
Tgt Ion:149 Resp: 1697210

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

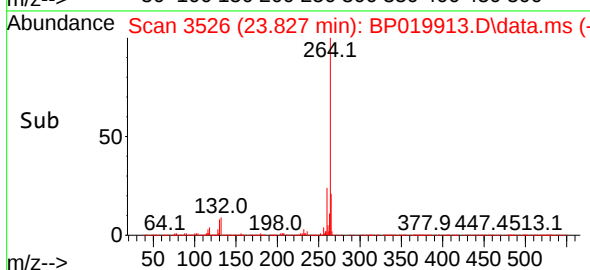
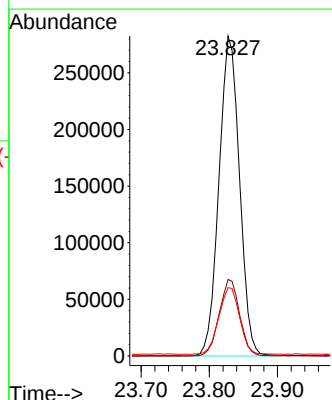
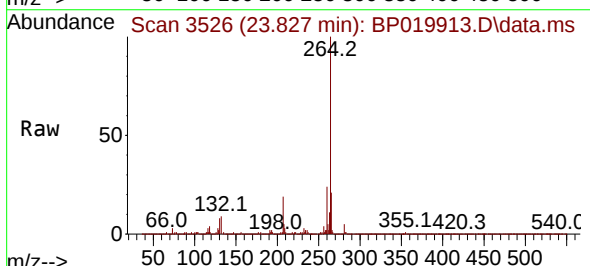
Tgt Ion:264 Resp: 591490

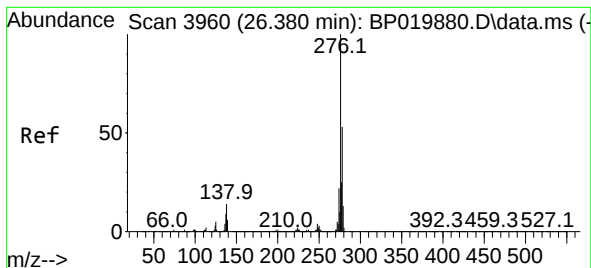
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.419 ng

RT: 26.380 min Scan# 3960

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

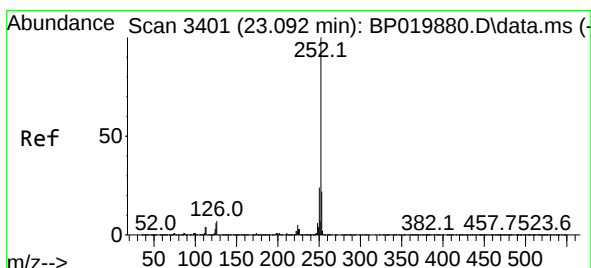
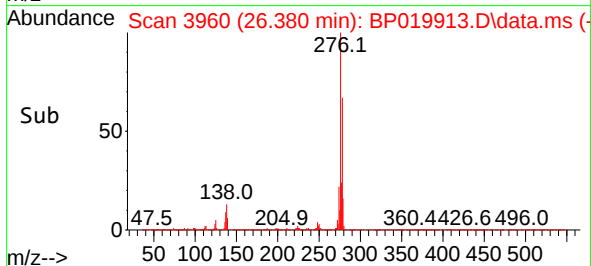
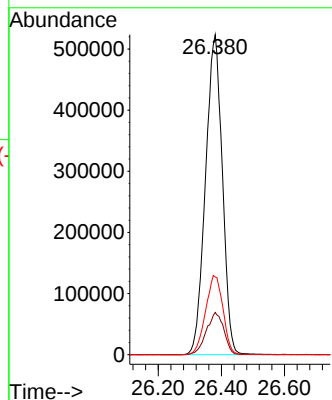
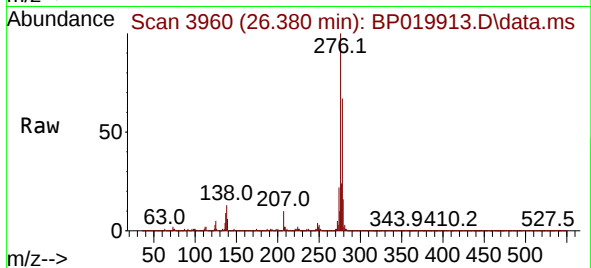
Tgt Ion:276 Resp: 1932930

Ion Ratio Lower Upper

276 100

138 13.7 11.7 17.5

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.936 ng

RT: 23.092 min Scan# 3401

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

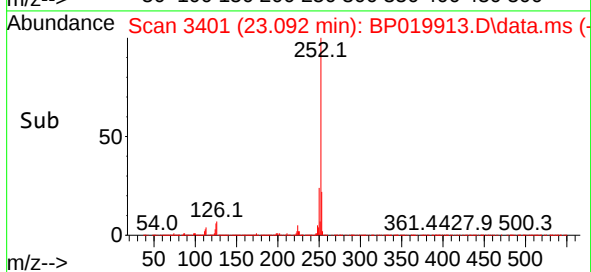
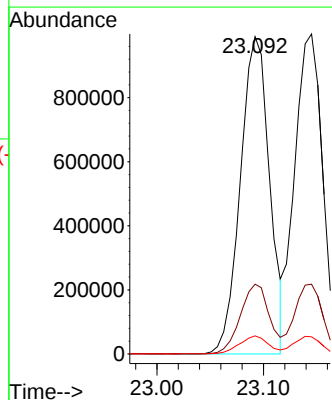
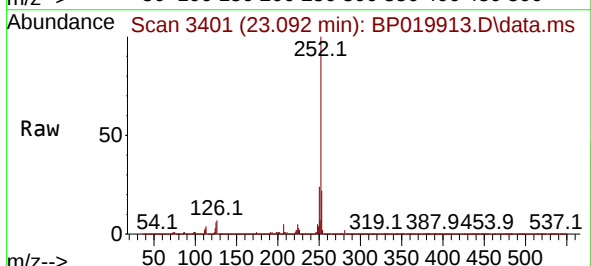
Tgt Ion:252 Resp: 1883379

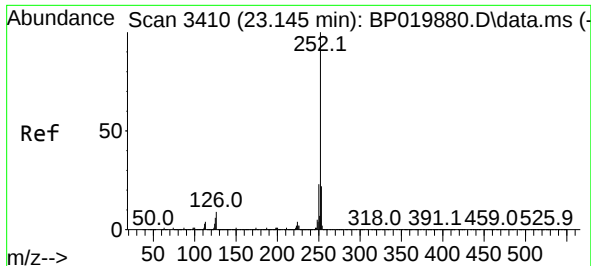
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 5.7 4.6 7.0

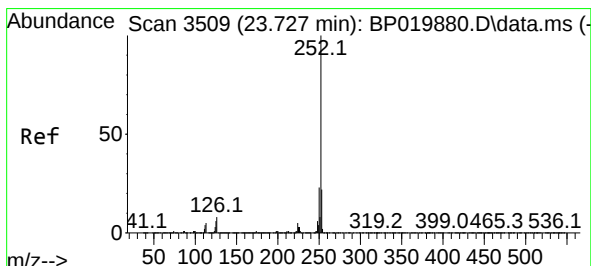
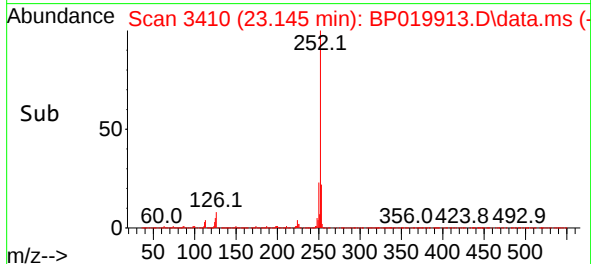
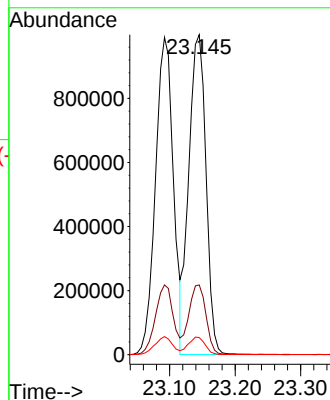
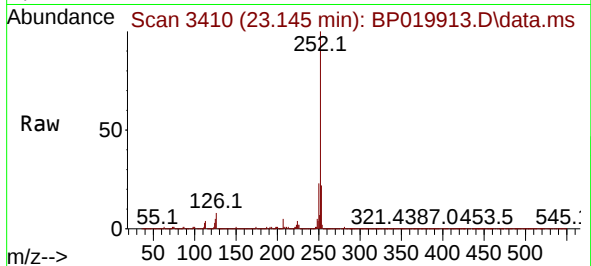




#89
Benzo(k)fluoranthene
Concen: 50.965 ng
RT: 23.145 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

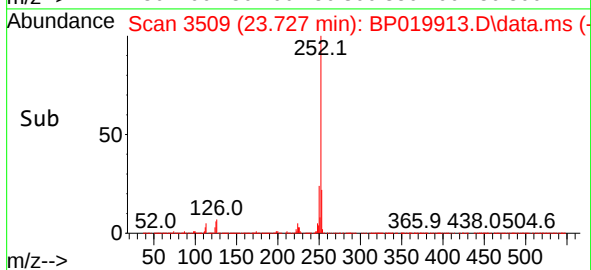
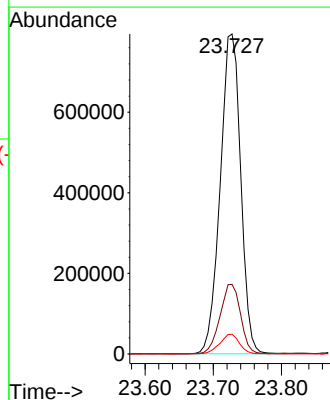
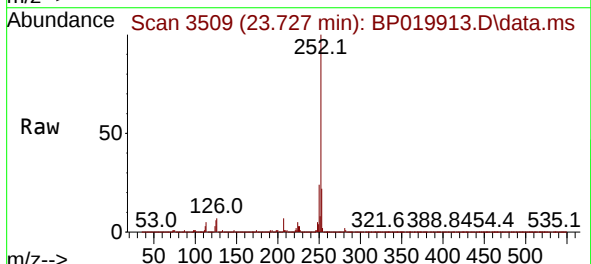
Instrument :
BNA_P
ClientSampleId :
PB159321BS

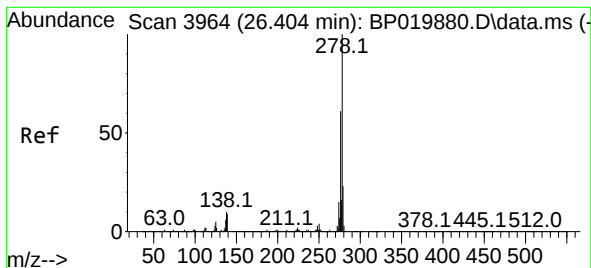
Tgt Ion:252 Resp: 1812569
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 5.4 4.6 6.8



#90
Benzo(a)pyrene
Concen: 47.890 ng
RT: 23.727 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BP019913.D
Acq: 28 Feb 2024 13:06

Tgt Ion:252 Resp: 1659657
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 6.1 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 46.560 ng

RT: 26.404 min Scan# 3964

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Instrument :

BNA_P

ClientSampleId :

PB159321BS

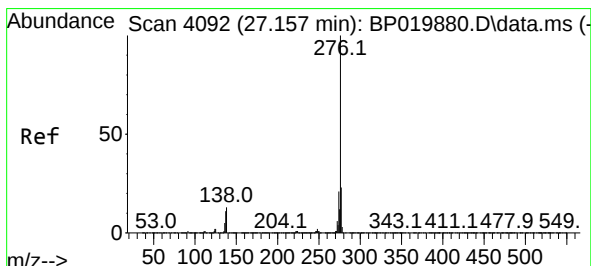
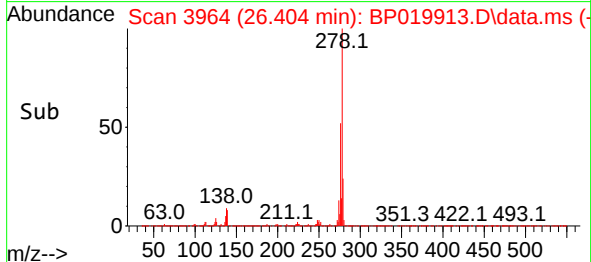
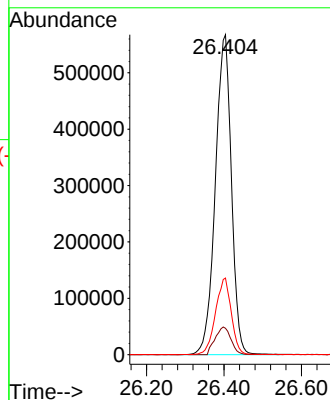
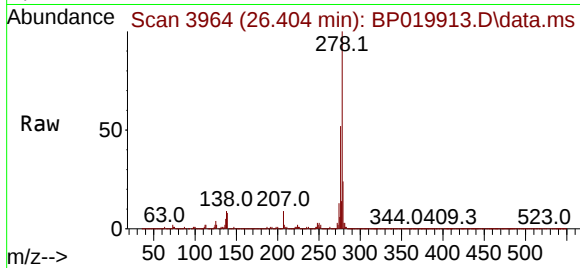
Tgt Ion:278 Resp: 1629911

Ion Ratio Lower Upper

278 100

139 8.3 7.4 11.0

279 23.9 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 44.539 ng

RT: 27.157 min Scan# 4092

Delta R.T. 0.000 min

Lab File: BP019913.D

Acq: 28 Feb 2024 13:06

Tgt Ion:276 Resp: 1505101

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 11.8 10.2 15.2

