

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019840.D
 Acq On : 23 Feb 2024 13:11
 Operator : MA/JU
 Sample : PB159196BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159196BS

Quant Time: Feb 23 13:39:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	78024	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	287310	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	187847	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	434806	20.000	ng	0.00
76) Chrysene-d12	21.421	240	406090	20.000	ng	# 0.00
86) Perylene-d12	23.856	264	452339	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	614187	126.887	ng	0.00
7) Phenol-d6	7.081	99	788752	120.851	ng	0.00
23) Nitrobenzene-d5	9.075	82	543057	81.903	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	448186	163.411	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1260757	82.971	ng	0.00
79) Terphenyl-d14	19.886	244	2316225	93.800	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	60431	32.404	ng	98
3) Pyridine	3.781	79	158605	31.369	ng	96
4) n-Nitrosodimethylamine	3.705	42	89997	40.884	ng	95
6) Aniline	7.240	93	166173	26.203	ng	99
8) 2-Chlorophenol	7.469	128	223039	44.881	ng	99
9) Benzaldehyde	7.051	77	74665	16.317	ng	98
10) Phenol	7.110	94	284231	43.694	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	213931	42.272	ng	98
12) 1,3-Dichlorobenzene	7.787	146	252708	41.558	ng	99
13) 1,4-Dichlorobenzene	7.940	146	259644	42.145	ng	98
14) 1,2-Dichlorobenzene	8.251	146	248698	41.722	ng	99
15) Benzyl Alcohol	8.157	79	226921	43.514	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	210341	41.563	ng	99
17) 2-Methylphenol	8.357	107	189340	43.234	ng	99
18) Hexachloroethane	8.969	117	98606	41.293	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	180148	40.410	ng	99
20) 3+4-Methylphenols	8.687	107	255501	42.748	ng	98
22) Acetophenone	8.740	105	353769	43.222	ng	# 98
24) Nitrobenzene	9.122	77	271828	40.718	ng	100
25) Isophorone	9.645	82	480952	41.650	ng	100
26) 2-Nitrophenol	9.828	139	121493	47.729	ng	96
27) 2,4-Dimethylphenol	9.892	122	166984	51.302	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	276597	42.336	ng	99
29) 2,4-Dichlorophenol	10.363	162	228561	46.453	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	265365	43.986	ng	99
31) Naphthalene	10.757	128	669127	42.464	ng	99
32) Benzoic acid	10.057	122	152619	48.125	ng	98
33) 4-Chloroaniline	10.881	127	76265	13.087	ng	99
34) Hexachlorobutadiene	11.022	225	196855	44.033	ng	98
35) Caprolactam	11.692	113	67191	48.238	ng	94
36) 4-Chloro-3-methylphenol	12.010	107	246348	45.918	ng	99
37) 2-Methylnaphthalene	12.369	142	469726	43.074	ng	99
38) 1-Methylnaphthalene	12.586	142	446478	41.663	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	331216	45.719	ng	99
41) Hexachlorocyclopentadiene	12.698	237	395780	120.933	ng	97
43) 2,4,6-Trichlorophenol	12.980	196	211781	48.277	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019840.D
 Acq On : 23 Feb 2024 13:11
 Operator : MA/JU
 Sample : PB159196BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

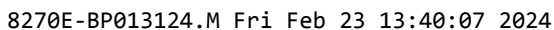
Instrument :
 BNA_P
 ClientSampleId :
 PB159196BS

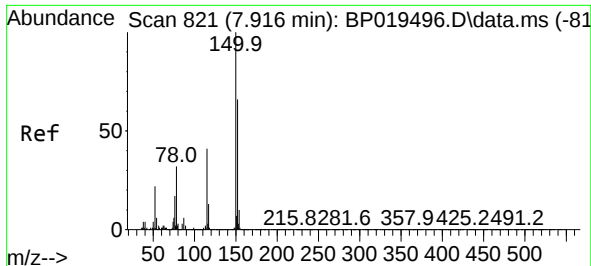
Quant Time: Feb 23 13:39:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	229936	47.734	ng	98
46) 1,1'-Biphenyl	13.380	154	639359	42.645	ng	99
47) 2-Chloronaphthalene	13.422	162	516867	41.997	ng	99
48) 2-Nitroaniline	13.639	65	158309	46.002	ng	96
49) Acenaphthylene	14.269	152	816452	47.285	ng	100
50) Dimethylphthalate	14.022	163	663184	46.118	ng	100
51) 2,6-Dinitrotoluene	14.145	165	146346	46.320	ng	91
52) Acenaphthene	14.610	154	459025	42.833	ng	99
53) 3-Nitroaniline	14.469	138	92633	31.904	ng	99
54) 2,4-Dinitrophenol	14.686	184	194850	118.781	ng	98
55) Dibenzofuran	14.951	168	789943	45.258	ng	97
56) 4-Nitrophenol	14.792	139	226984	95.378	ng	96
57) 2,4-Dinitrotoluene	14.933	165	209625	50.631	ng	95
58) Fluorene	15.604	166	650562	46.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	215651	53.224	ng	# 95
60) Diethylphthalate	15.386	149	658860	46.063	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	367860	47.080	ng	95
62) 4-Nitroaniline	15.639	138	141979	46.651	ng	98
63) Azobenzene	15.892	77	606734	43.866	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	135173	54.521	ng	94
66) n-Nitrosodiphenylamine	15.816	169	570380	43.801	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	243034	44.711	ng	94
68) Hexachlorobenzene	16.598	284	286706	45.168	ng	96
69) Atrazine	16.786	200	215203	49.802	ng	95
70) Pentachlorophenol	16.957	266	380437	96.242	ng	100
71) Phenanthrene	17.351	178	1025136	44.800	ng	99
72) Anthracene	17.445	178	1035291	45.355	ng	100
73) Carbazole	17.721	167	927257	44.716	ng	100
74) Di-n-butylphthalate	18.280	149	1135485	45.287	ng	99
75) Fluoranthene	19.327	202	1277737	45.710	ng	100
77) Benzidine	19.515	184	411146	48.427	ng	100
78) Pyrene	19.680	202	1301194	45.401	ng	99
80) Butylbenzylphthalate	20.568	149	501136	46.822	ng	98
81) Benzo(a)anthracene	21.404	228	1305035	45.653	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	425043	40.804	ng	100
83) Chrysene	21.457	228	1203461	44.343	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	703002	43.134	ng	99
85) Di-n-octyl phthalate	22.286	149	1188689	41.454	ng	99
87) Indeno(1,2,3-cd)pyrene	26.415	276	1656132	47.831	ng	97
88) Benzo(b)fluoranthene	23.109	252	1320631	46.324	ng	99
89) Benzo(k)fluoranthene	23.162	252	1221680	44.861	ng	99
90) Benzo(a)pyrene	23.751	252	1192937	47.028	ng	99
91) Dibenzo(a,h)anthracene	26.439	278	1365517	47.951	ng	97
92) Benzo(g,h,i)perylene	27.197	276	1315384	45.530	ng	98

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

Quant Time: Feb 23 13:39:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

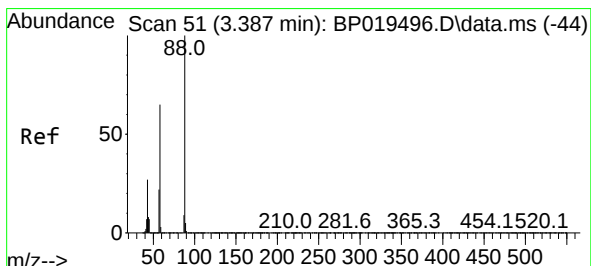
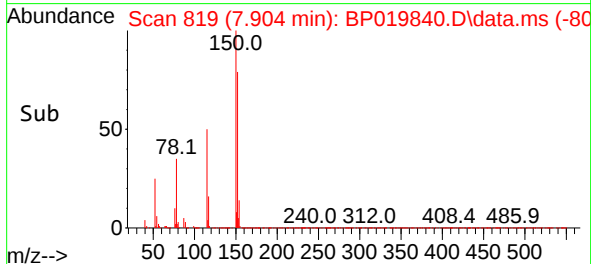
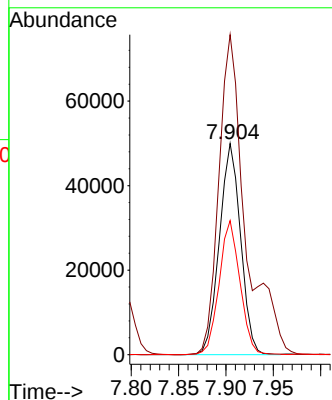
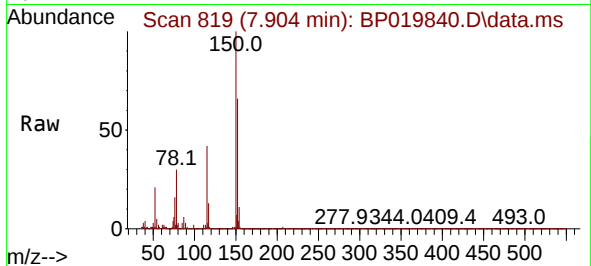




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

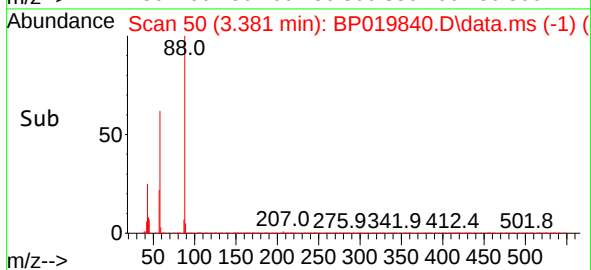
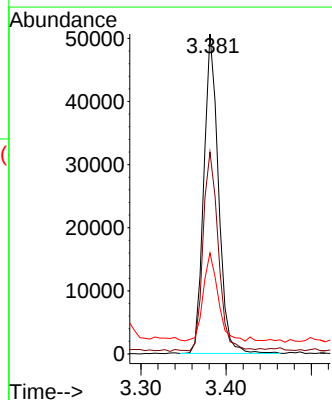
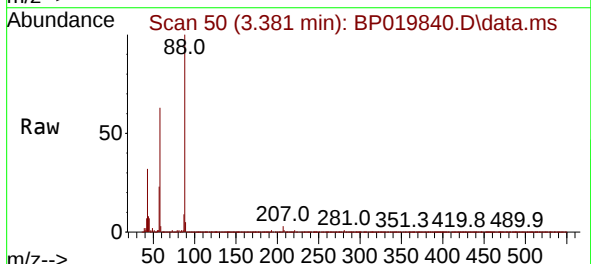
Instrument :
BNA_P
ClientSampleId :
PB159196BS

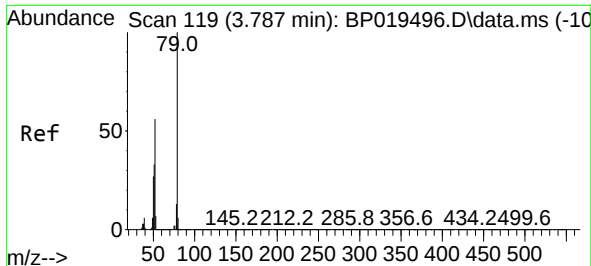
Tgt Ion:152 Resp: 78024
Ion Ratio Lower Upper
152 100
150 151.5 121.8 182.8
115 63.5 49.9 74.9



#2
1,4-Dioxane
Concen: 32.404 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 88 Resp: 60431
Ion Ratio Lower Upper
88 100
58 64.0 52.6 78.8
43 27.6 21.9 32.9

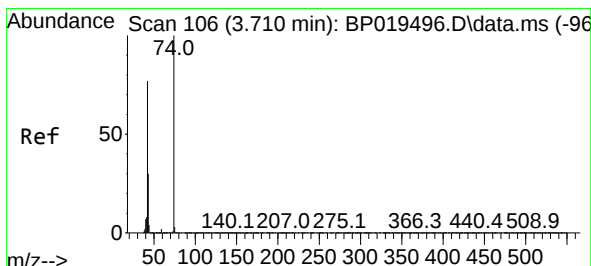
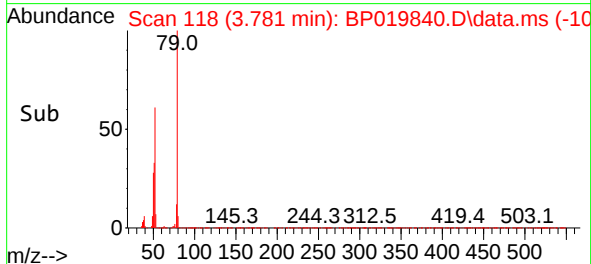
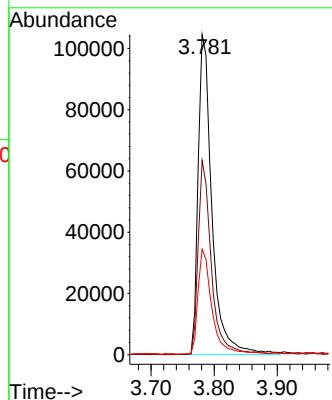
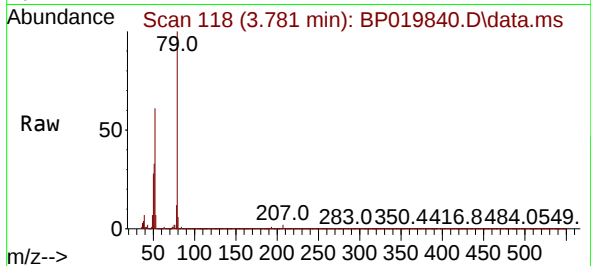




#3
Pyridine
Concen: 31.369 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

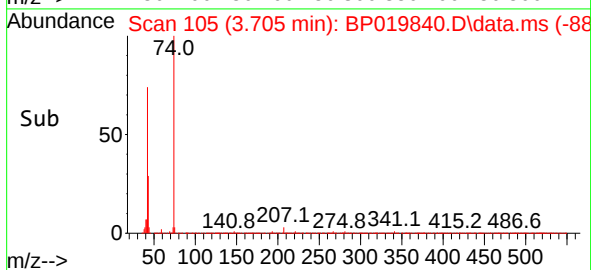
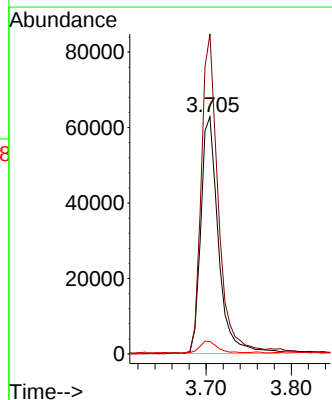
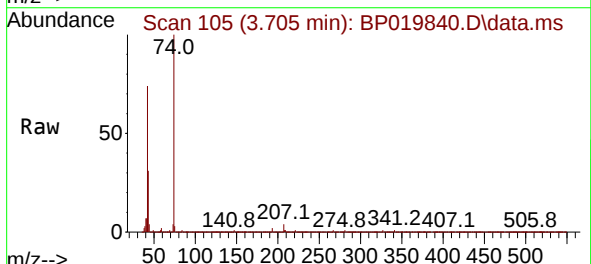
Instrument :
BNA_P
ClientSampleId :
PB159196BS

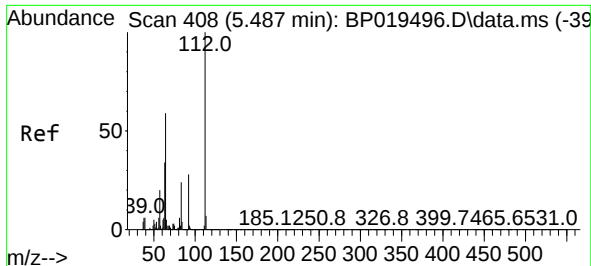
Tgt Ion: 79 Resp: 158605
Ion Ratio Lower Upper
79 100
52 60.6 45.0 67.6
51 33.0 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 40.884 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 42 Resp: 89997
Ion Ratio Lower Upper
42 100
74 134.9 103.4 155.2
44 5.3 4.8 7.2

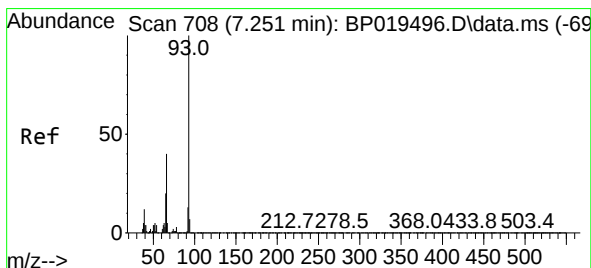
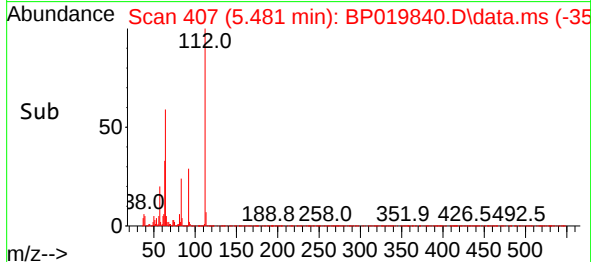
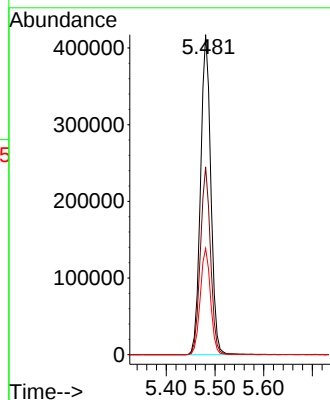
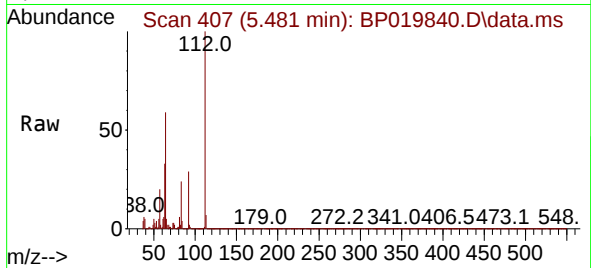




#5
2-Fluorophenol
Concen: 126.887 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

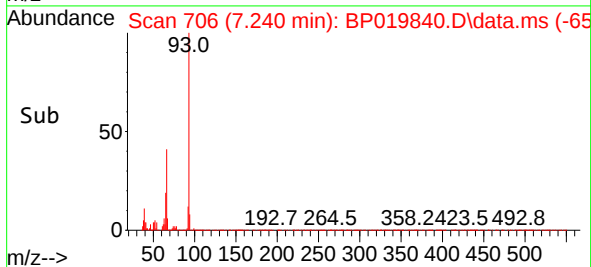
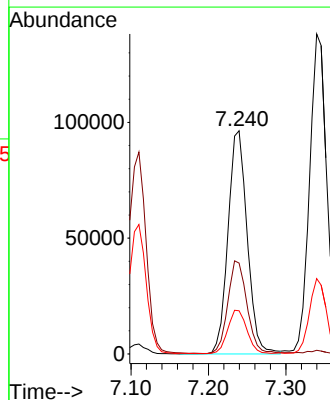
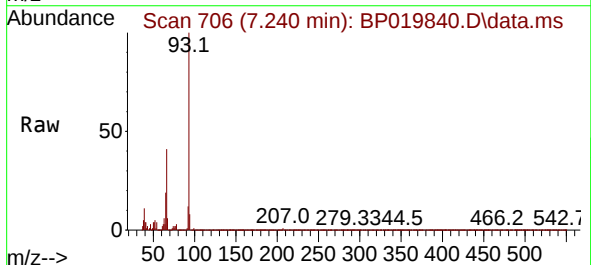
Instrument :
BNA_P
ClientSampleId :
PB159196BS

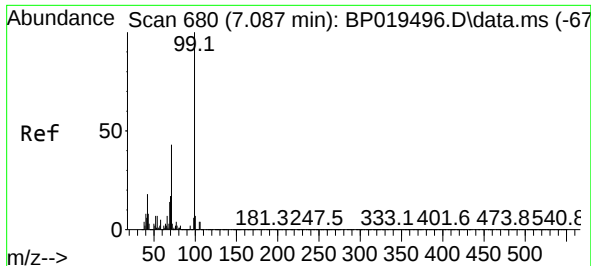
Tgt Ion:112 Resp: 614187
Ion Ratio Lower Upper
112 100
64 58.7 47.4 71.0
63 33.2 27.0 40.6



#6
Aniline
Concen: 26.203 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 93 Resp: 166173
Ion Ratio Lower Upper
93 100
66 40.7 32.3 48.5
65 19.3 16.4 24.6

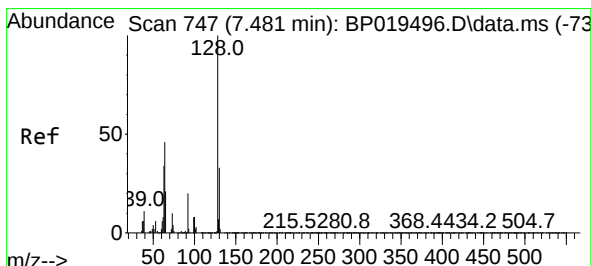
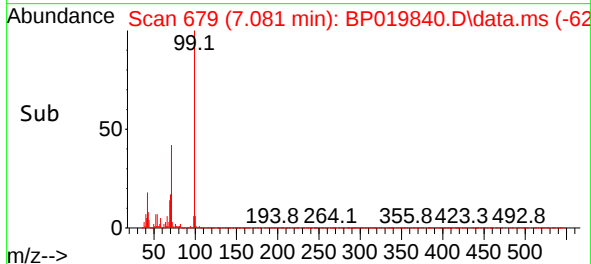
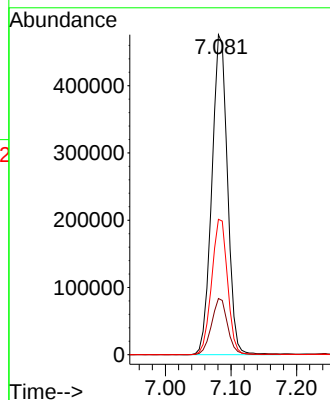
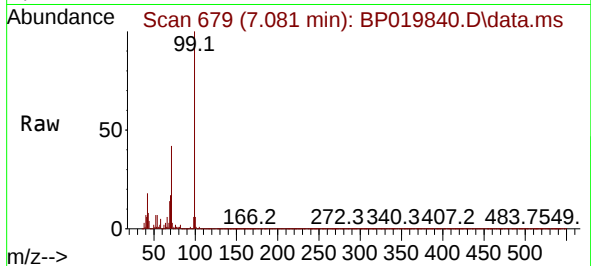




#7
Phenol-d6
Concen: 120.851 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

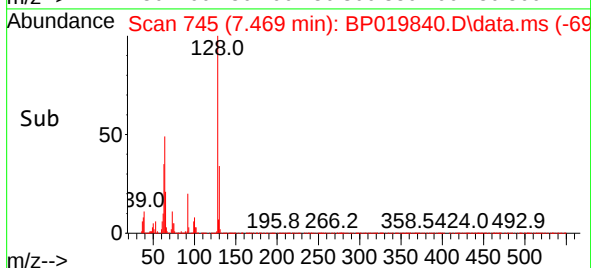
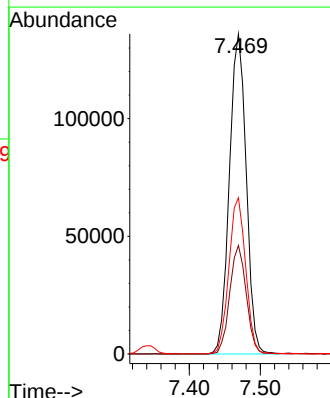
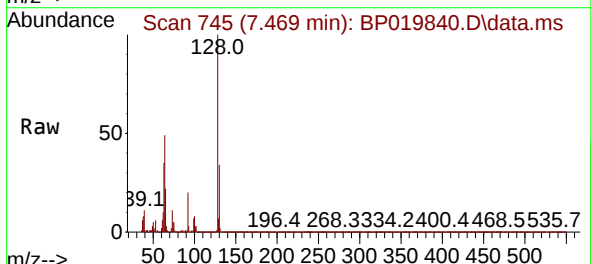
Instrument :
BNA_P
ClientSampleId :
PB159196BS

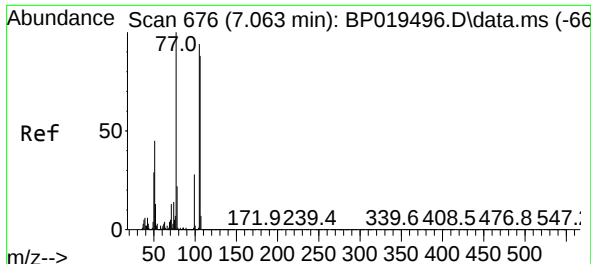
Tgt Ion: 99 Resp: 788752
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 42.3 34.8 52.2



#8
2-Chlorophenol
Concen: 44.881 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:128 Resp: 223039
Ion Ratio Lower Upper
128 100
130 33.9 13.3 53.3
64 48.8 29.7 69.7

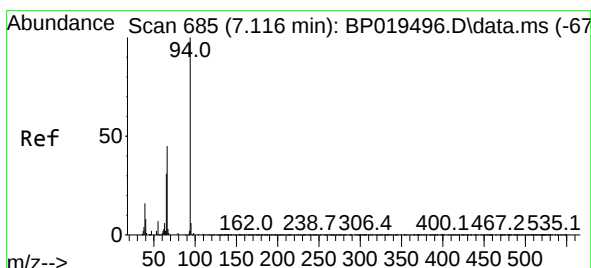
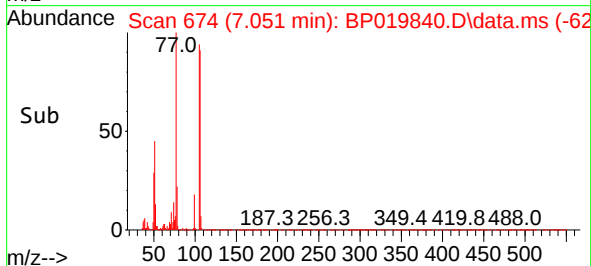
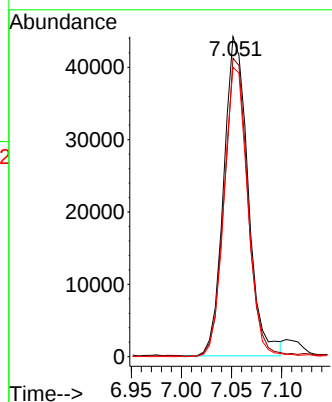
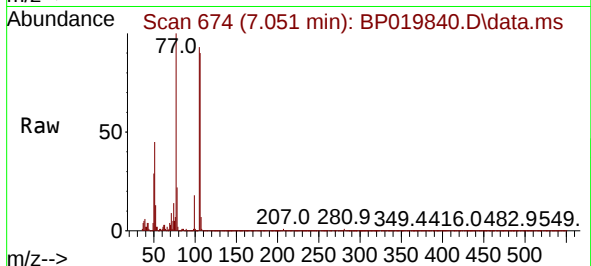




#9
Benzaldehyde
Concen: 16.317 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

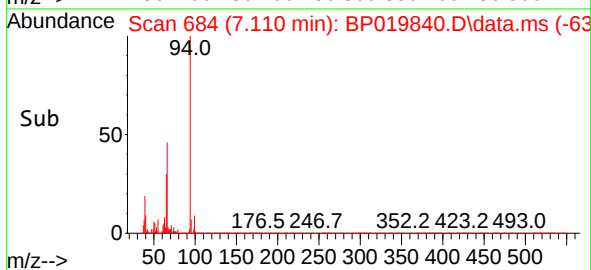
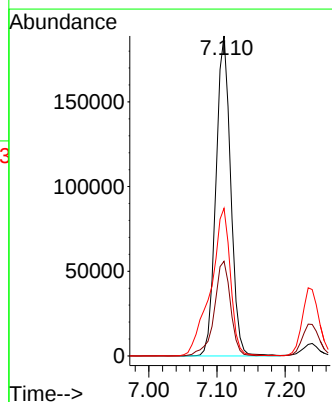
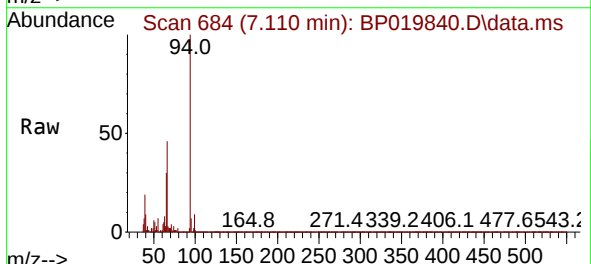
Instrument :
BNA_P
ClientSampleId :
PB159196BS

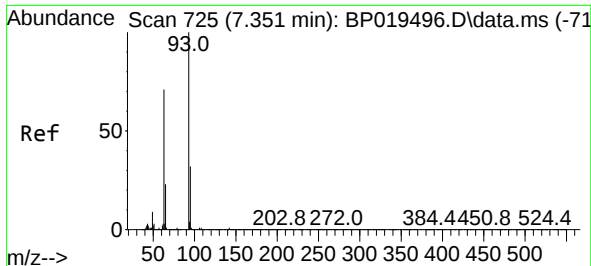
Tgt Ion: 77 Resp: 74665
Ion Ratio Lower Upper
77 100
105 93.3 74.0 114.0
106 90.4 67.8 107.8



#10
Phenol
Concen: 43.694 ng
RT: 7.110 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 94 Resp: 284231
Ion Ratio Lower Upper
94 100
65 29.6 11.3 51.3
66 46.1 25.1 65.1

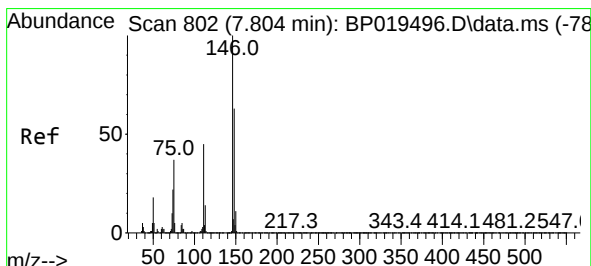
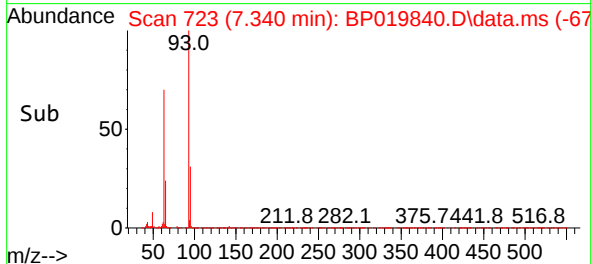
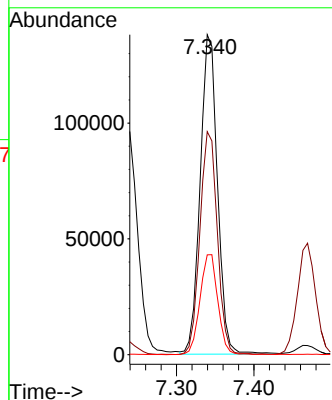
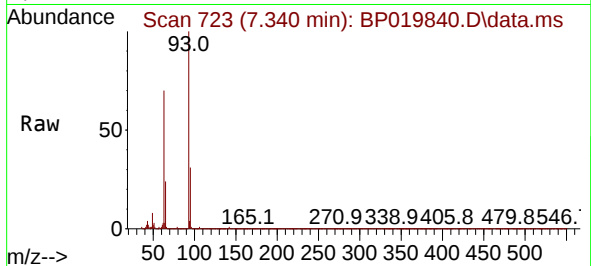




#11
bis(2-Chloroethyl)ether
Concen: 42.272 ng
RT: 7.340 min Scan# 711
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

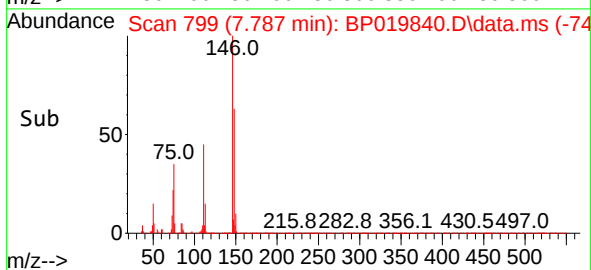
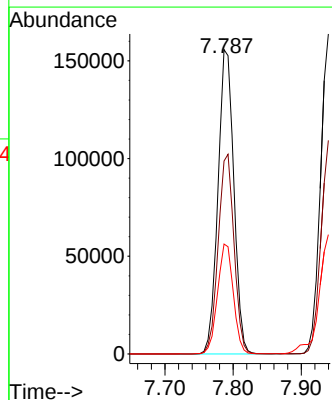
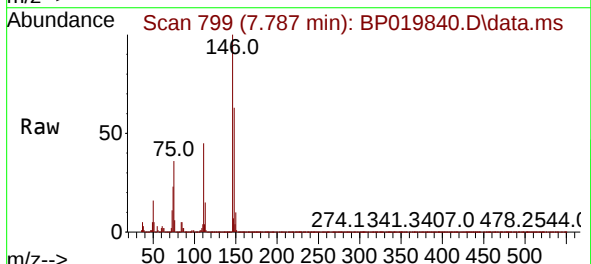
Instrument :
BNA_P
ClientSampleId :
PB159196BS

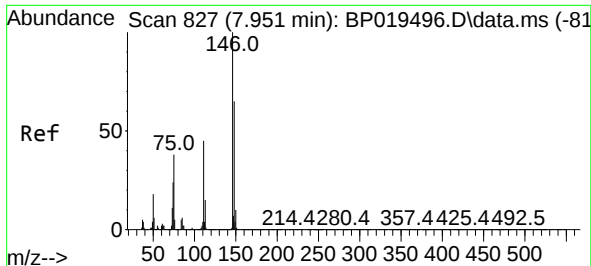
Tgt Ion: 93 Resp: 213931
Ion Ratio Lower Upper
93 100
63 69.7 51.2 91.2
95 31.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.558 ng
RT: 7.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:146 Resp: 252708
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
75 36.1 29.9 44.9

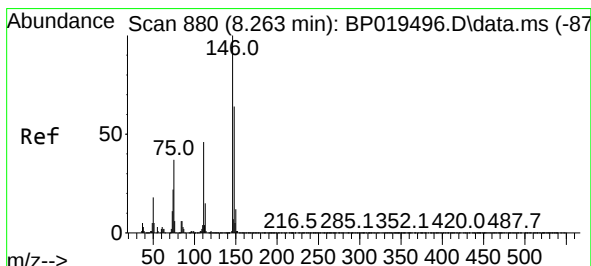
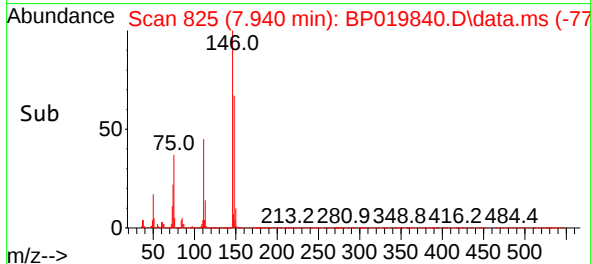
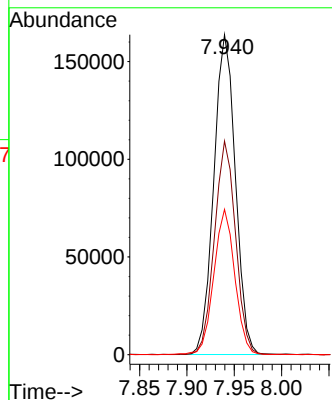
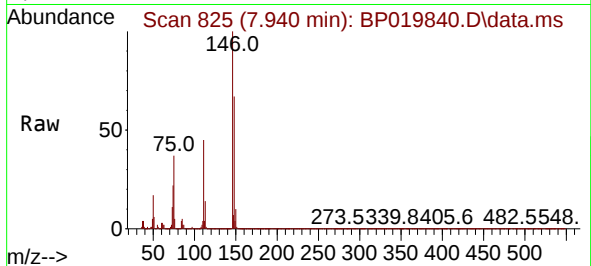




#13
1,4-Dichlorobenzene
Concen: 42.145 ng
RT: 7.940 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

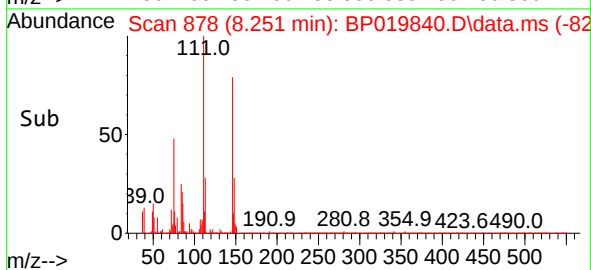
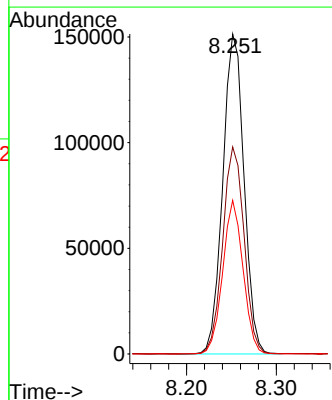
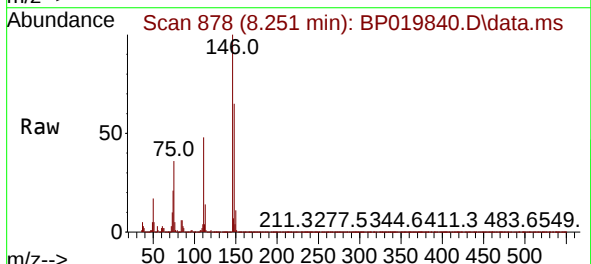
Instrument :
BNA_P
ClientSampleId :
PB159196BS

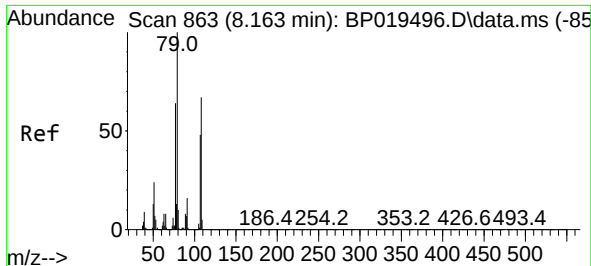
Tgt Ion:146 Resp: 259644
Ion Ratio Lower Upper
146 100
148 66.8 51.9 77.9
111 45.4 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 41.722 ng
RT: 8.251 min Scan# 878
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:146 Resp: 248698
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 48.0 37.0 55.6

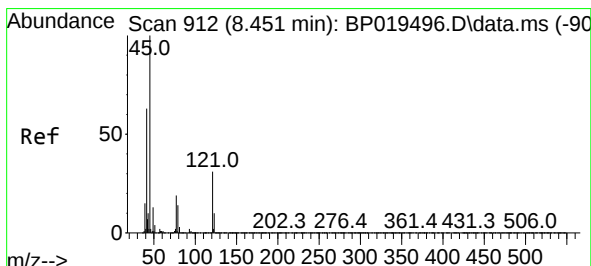
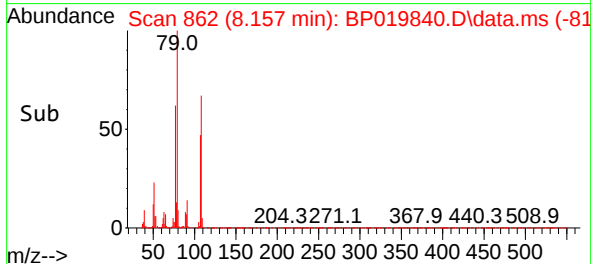
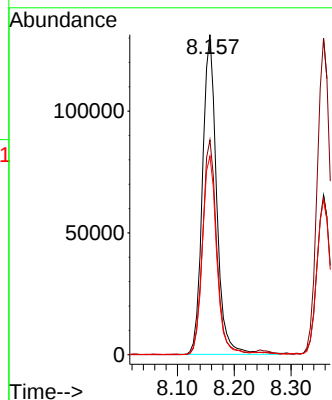
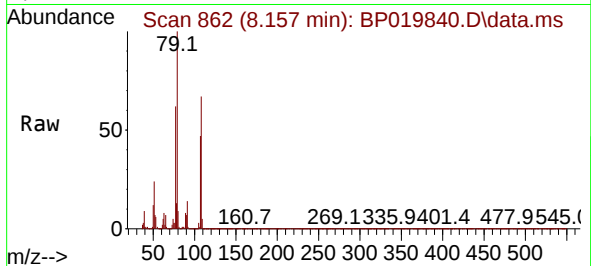




#15
Benzyl Alcohol
Concen: 43.514 ng
RT: 8.157 min Scan# 80
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

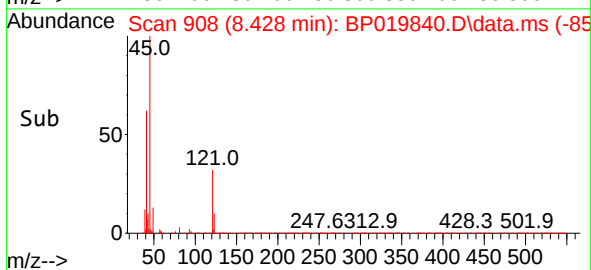
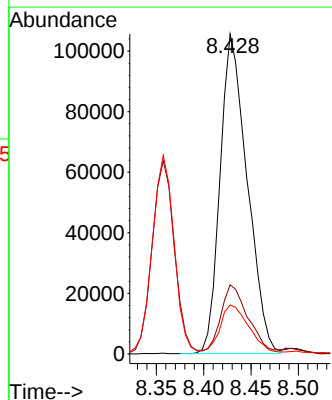
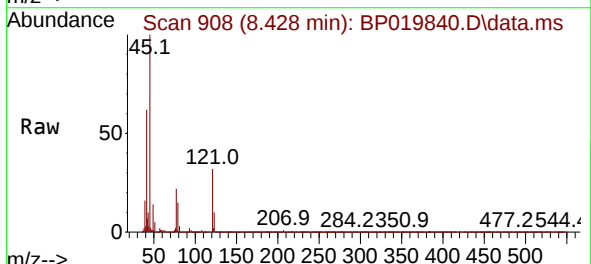
Instrument :
BNA_P
ClientSampleId :
PB159196BS

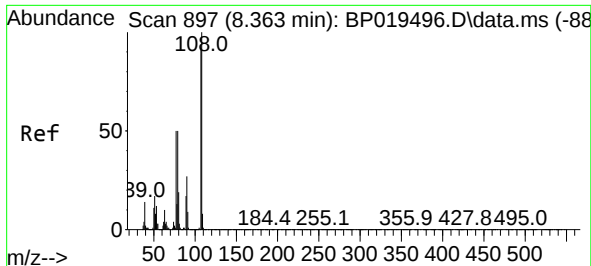
Tgt Ion: 79 Resp: 226921
Ion Ratio Lower Upper
79 100
108 67.1 53.8 80.6
77 62.0 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.563 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 45 Resp: 210341
Ion Ratio Lower Upper
45 100
77 21.6 0.8 40.8
79 15.3 0.0 35.5

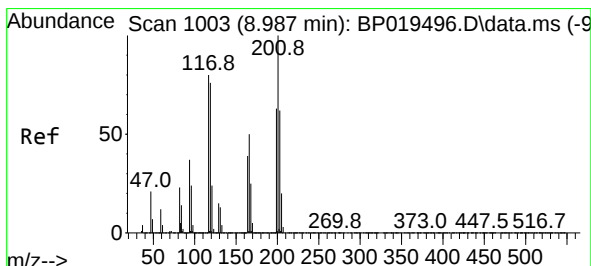
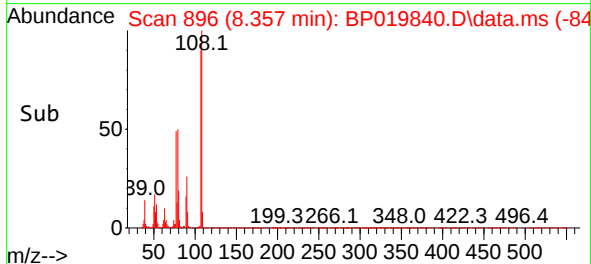
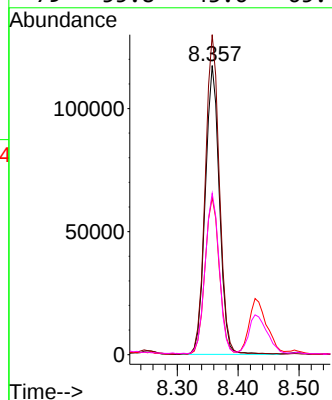
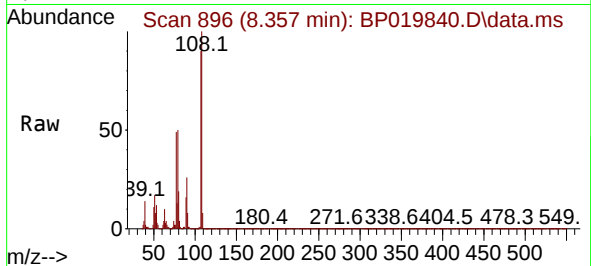




#17
2-Methylphenol
Concen: 43.234 ng
RT: 8.357 min Scan# 897
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

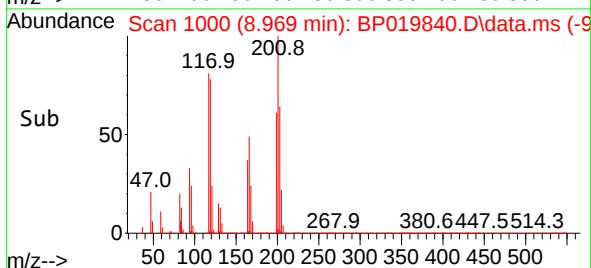
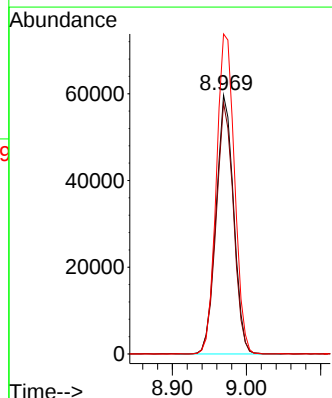
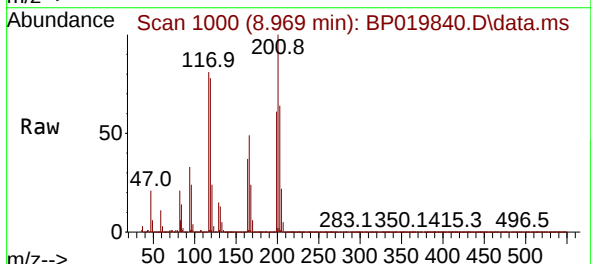
Instrument :
BNA_P
ClientSampleId :
PB159196BS

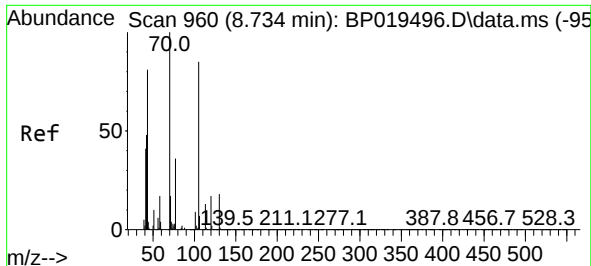
Tgt Ion:	107	Resp:	189340
Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.0	130.6
77	54.3	43.5	65.3
79	55.8	43.6	65.4



#18
Hexachloroethane
Concen: 41.293 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:	117	Resp:	98606
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.5	113.3
201	123.6	99.4	149.2



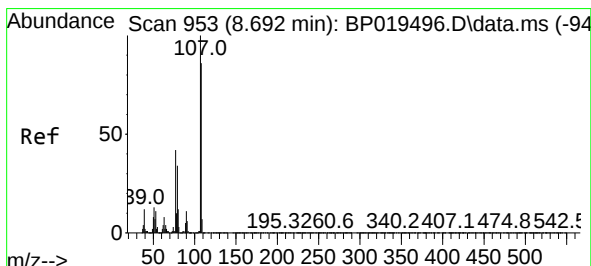
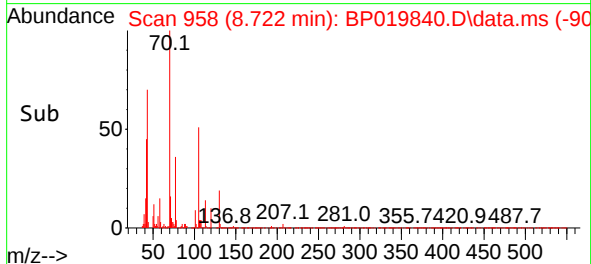
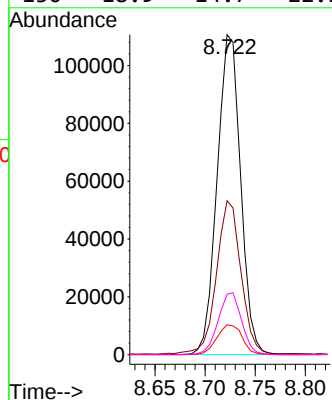
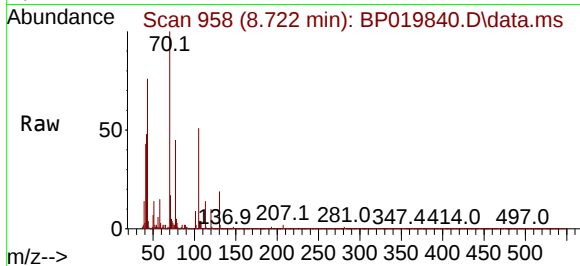


#19
n-Nitroso-di-n-propylamine
Concen: 40.410 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Instrument :
BNA_P
ClientSampleId :
PB159196BS

Tgt Ion: 70 Resp: 180148

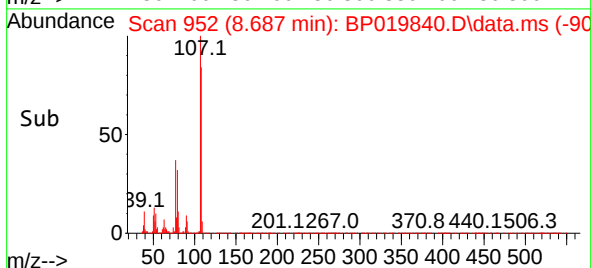
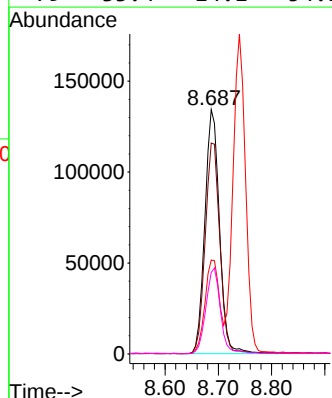
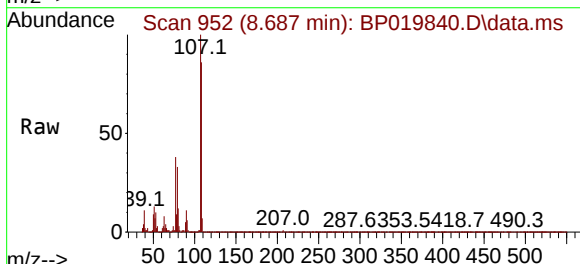
Ion	Ratio	Lower	Upper
70	100		
42	48.1	39.2	58.8
101	9.4	7.3	10.9
130	18.9	14.7	22.1

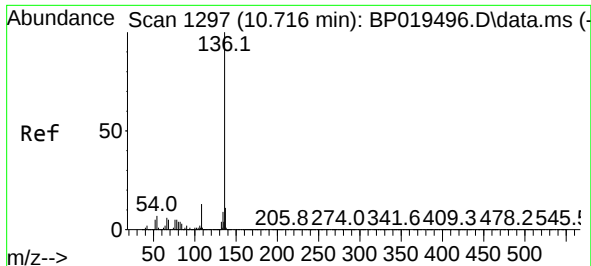


#20
3+4-Methylphenols
Concen: 42.748 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 107 Resp: 255501

Ion	Ratio	Lower	Upper
107	100		
108	86.3	65.5	105.5
77	38.5	21.8	61.8
79	33.4	14.1	54.1

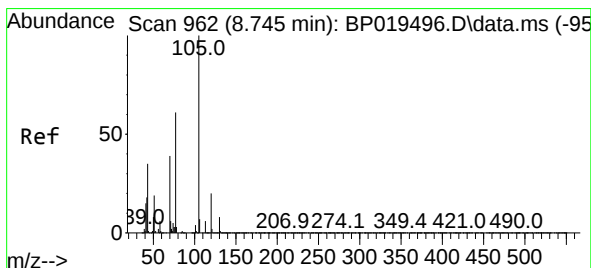
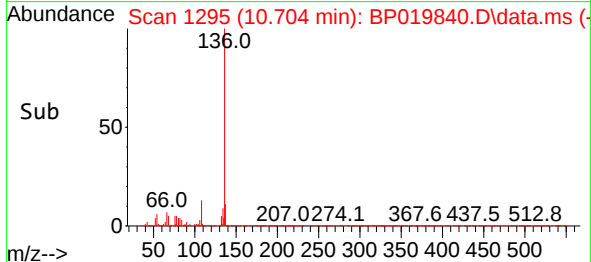
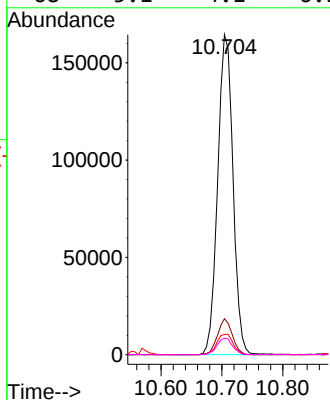
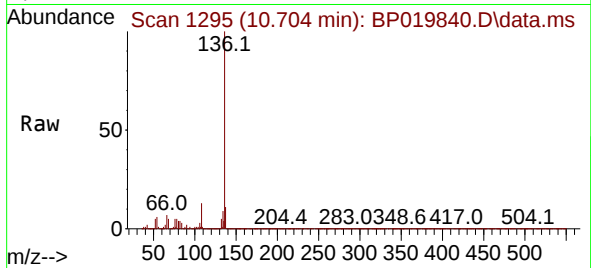




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

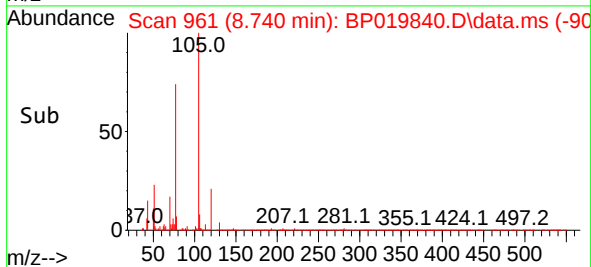
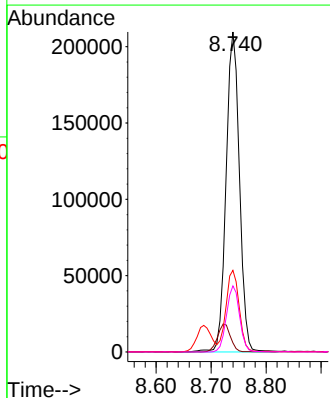
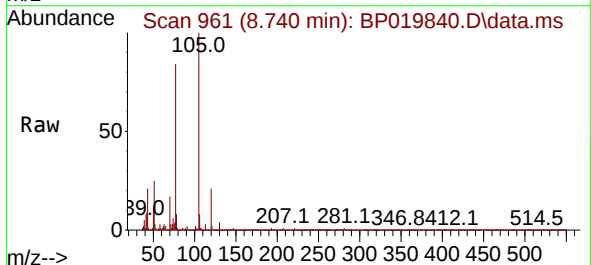
Instrument :
BNA_P
ClientSampleId :
PB159196BS

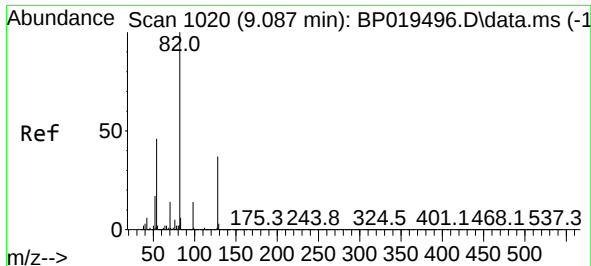
Tgt Ion:	136	Resp:	287310
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.3	5.3	7.9
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 43.222 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:	105	Resp:	353769
Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.9	7.3
51	25.5	20.7	31.1
120	20.7	15.8	23.8





#23

Nitrobenzene-d5

Concen: 81.903 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

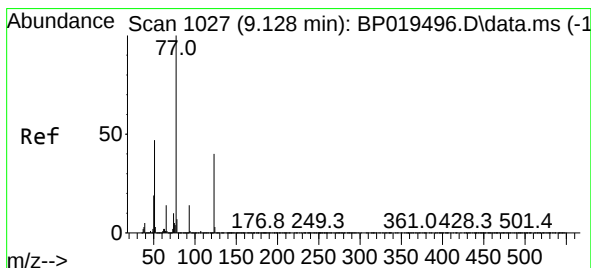
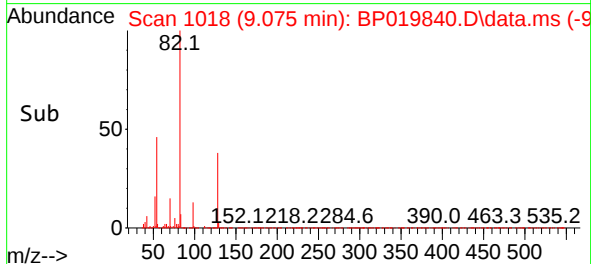
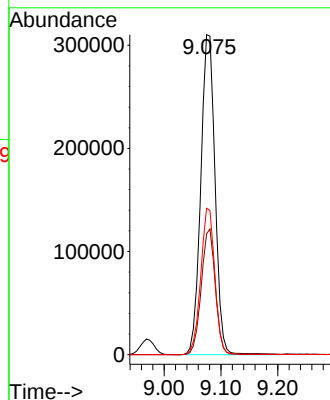
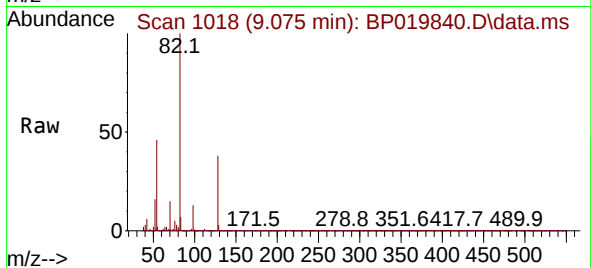
Tgt Ion: 82 Resp: 543057

Ion Ratio Lower Upper

82 100

128 37.8 29.7 44.5

54 45.8 36.8 55.2



#24

Nitrobenzene

Concen: 40.718 ng

RT: 9.122 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

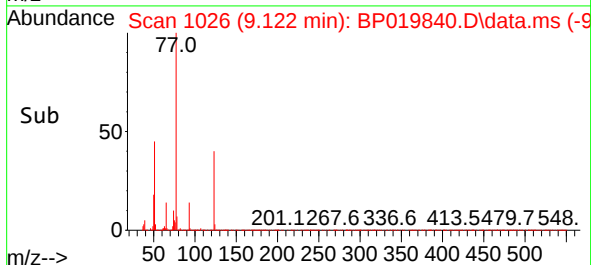
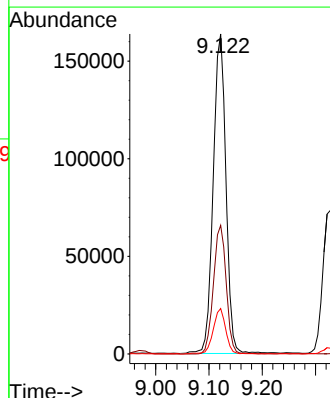
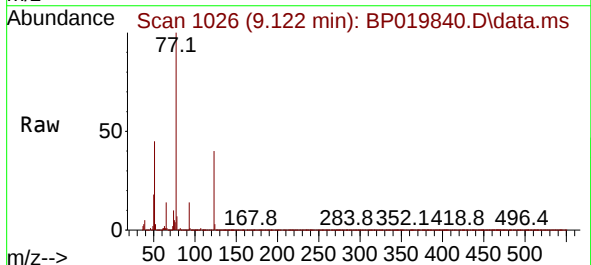
Tgt Ion: 77 Resp: 271828

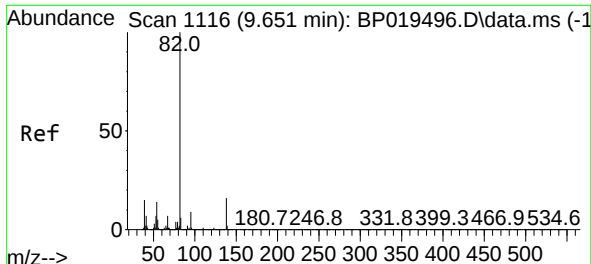
Ion Ratio Lower Upper

77 100

123 40.2 32.3 48.5

65 14.2 11.6 17.4

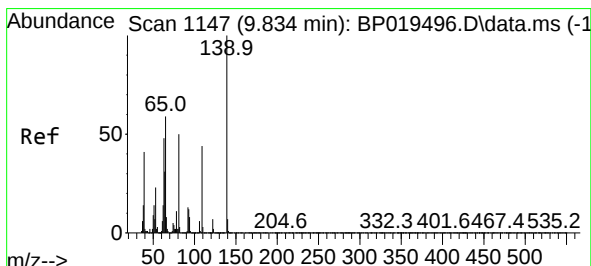
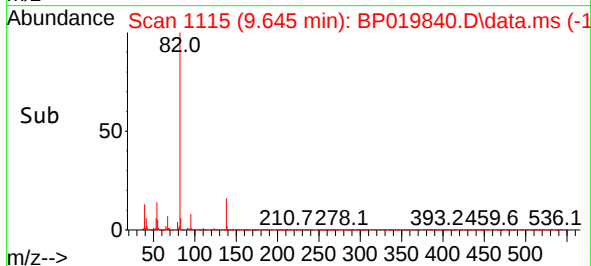
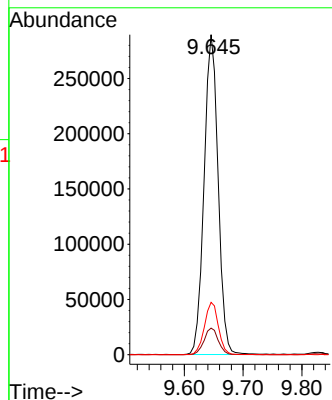
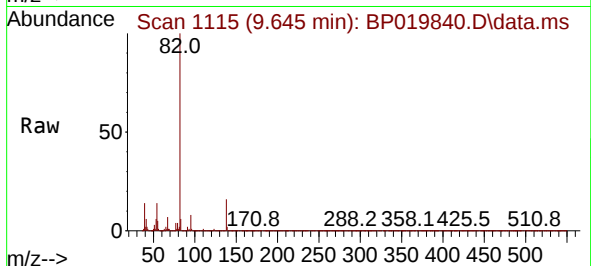




#25
Isophorone
Concen: 41.650 ng
RT: 9.645 min Scan# 1115
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

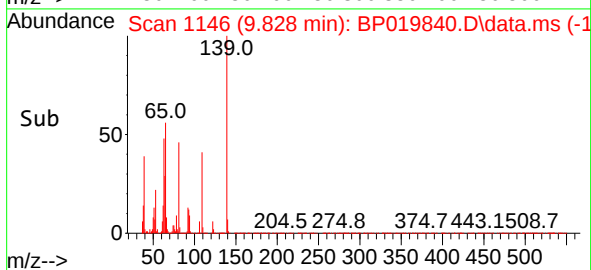
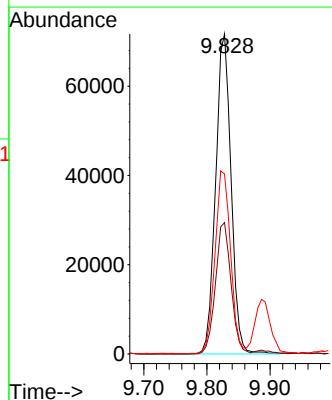
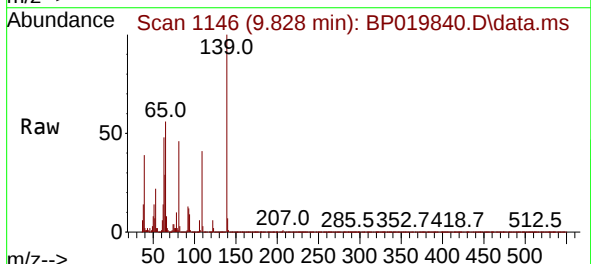
Instrument :
BNA_P
ClientSampleId :
PB159196BS

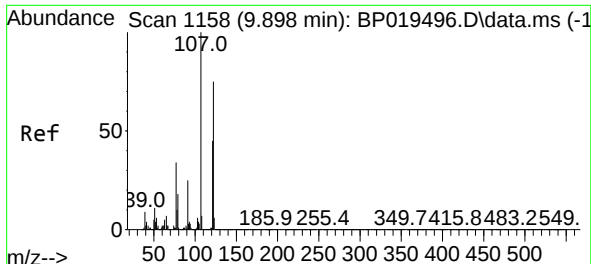
Tgt Ion: 82 Resp: 480952
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 47.729 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 139 Resp: 121493
Ion Ratio Lower Upper
139 100
109 41.1 34.9 52.3
65 56.3 47.5 71.3

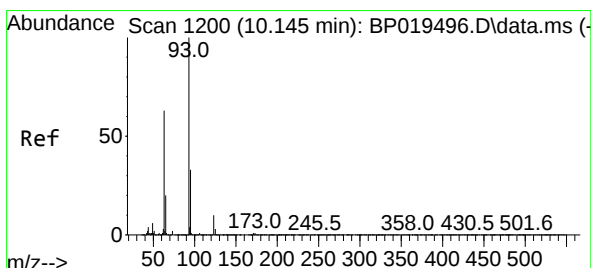
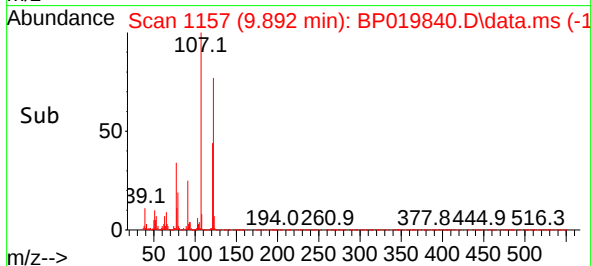
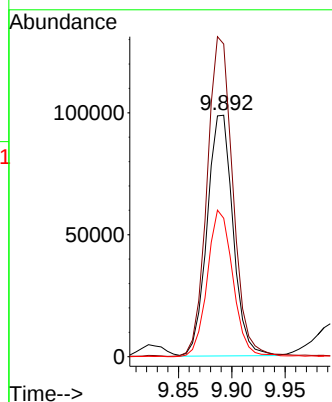
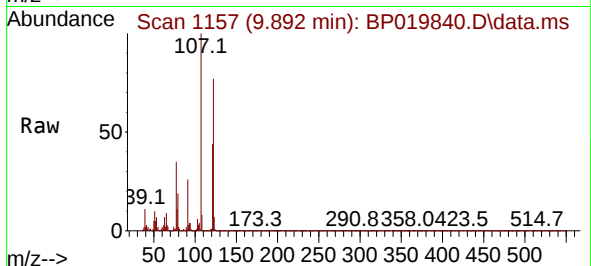




#27
2,4-Dimethylphenol
Concen: 51.302 ng
RT: 9.892 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

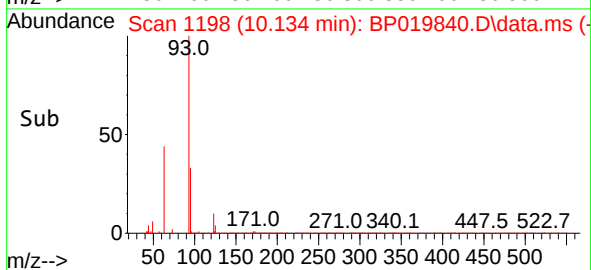
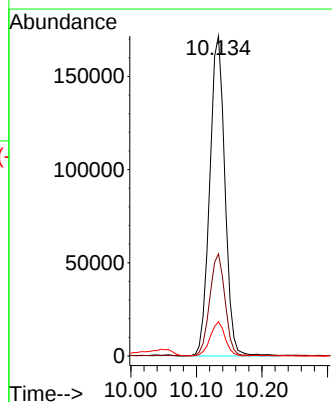
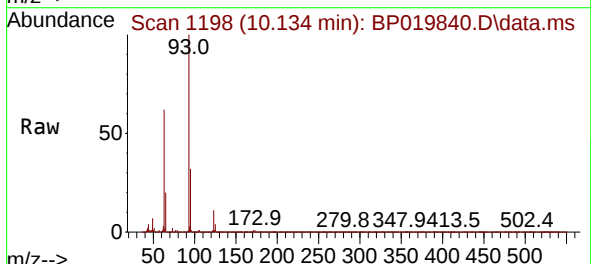
Instrument :
BNA_P
ClientSampleId :
PB159196BS

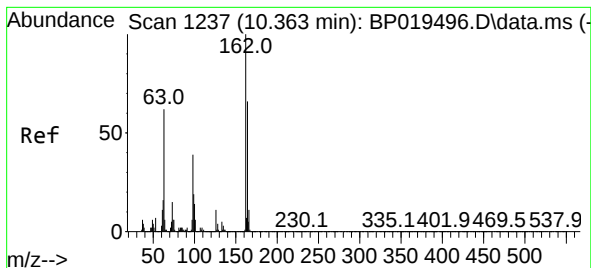
Tgt Ion:122 Resp: 166984
Ion Ratio Lower Upper
122 100
107 129.5 105.9 158.9
121 57.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.336 ng
RT: 10.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 93 Resp: 276597
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 10.7 8.5 12.7

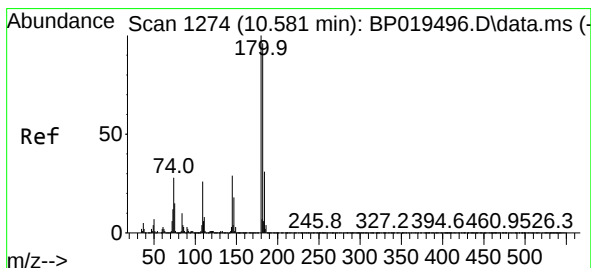
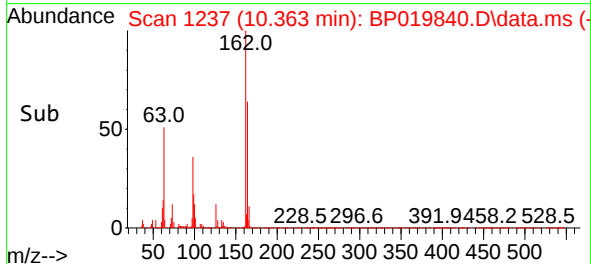
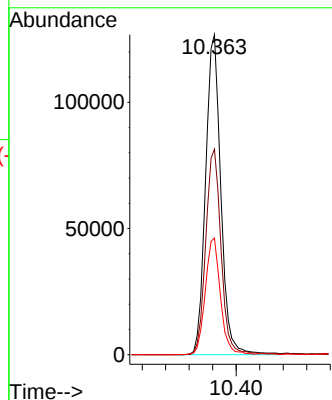
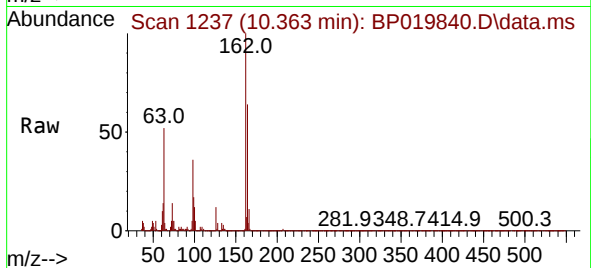




#29
2,4-Dichlorophenol
Concen: 46.453 ng
RT: 10.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

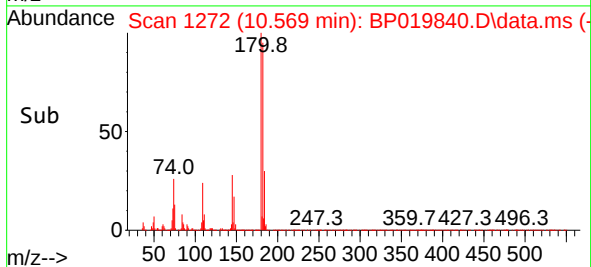
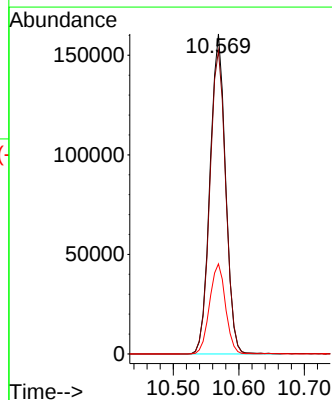
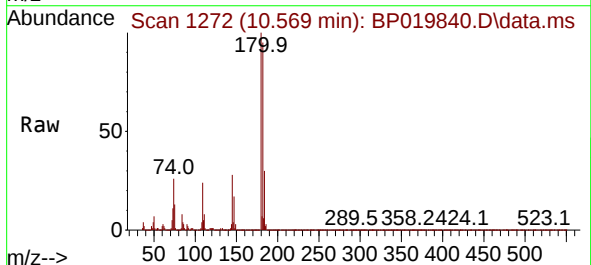
Instrument :
BNA_P
ClientSampleId :
PB159196BS

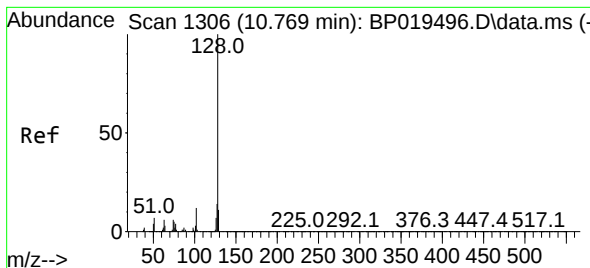
Tgt Ion:162 Resp: 228561
Ion Ratio Lower Upper
162 100
164 64.2 46.0 86.0
98 36.4 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 43.986 ng
RT: 10.569 min Scan# 1272
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:180 Resp: 265365
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.6
145 28.2 23.2 34.8

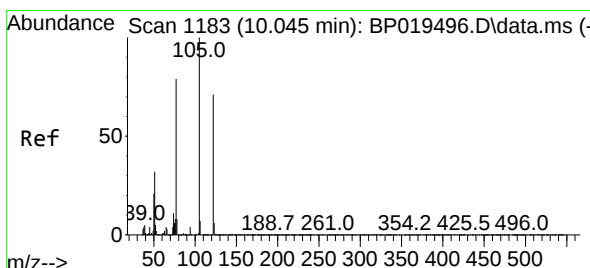
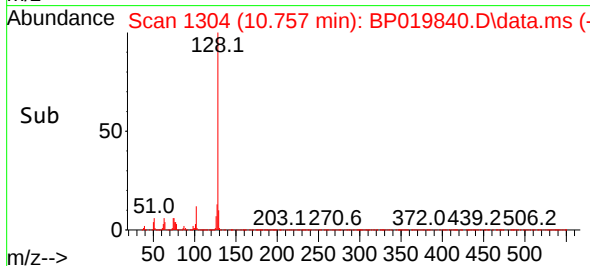
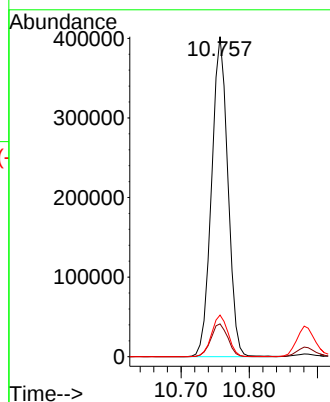
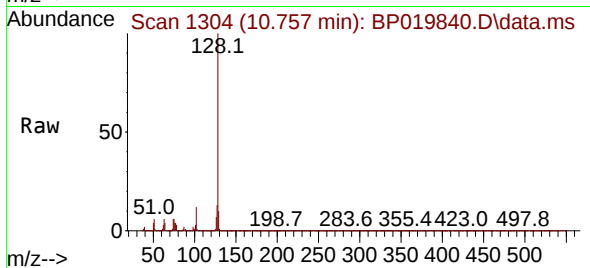




#31
Naphthalene
Concen: 42.464 ng
RT: 10.757 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

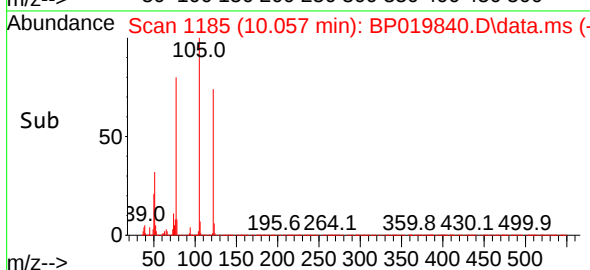
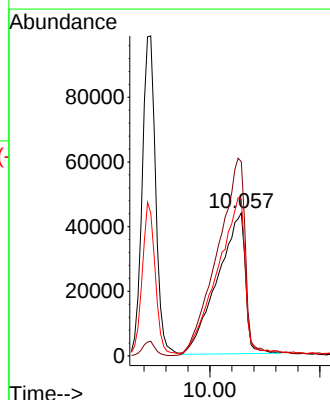
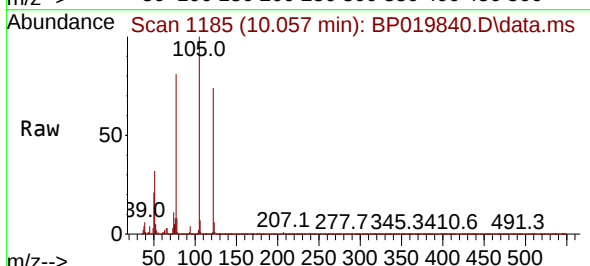
Instrument :
BNA_P
ClientSampleId :
PB159196BS

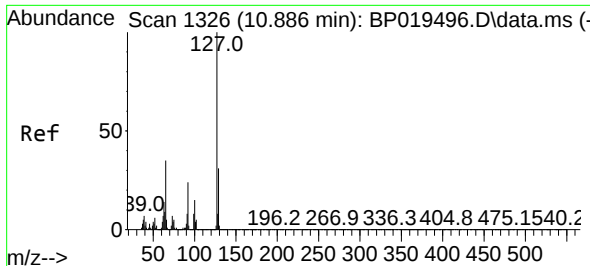
Tgt Ion:128 Resp: 669127
Ion Ratio Lower Upper
128 100
129 10.2 8.6 13.0
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 48.125 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:122 Resp: 152619
Ion Ratio Lower Upper
122 100
105 135.8 118.8 158.8
77 109.8 91.7 131.7

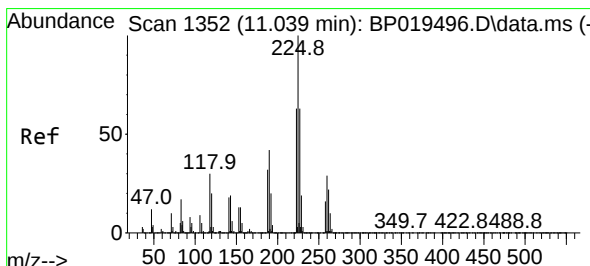
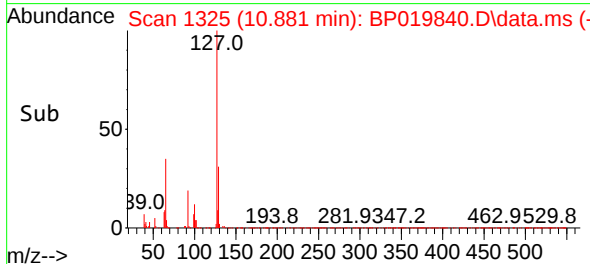
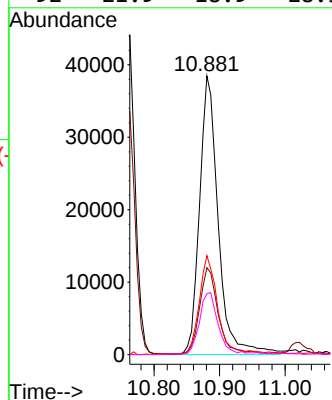
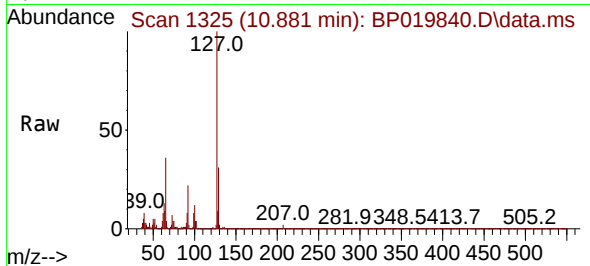




#33
4-Chloroaniline
Concen: 13.087 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

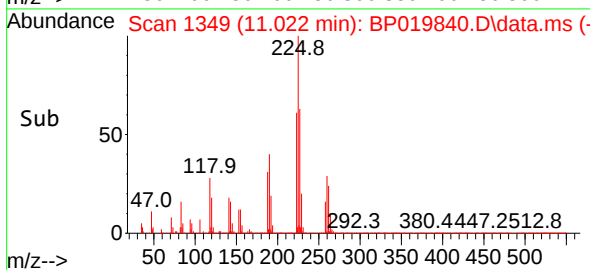
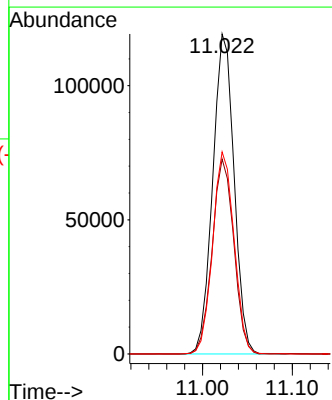
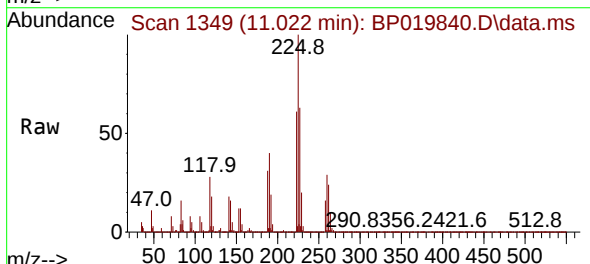
Instrument :
BNA_P
ClientSampleId :
PB159196BS

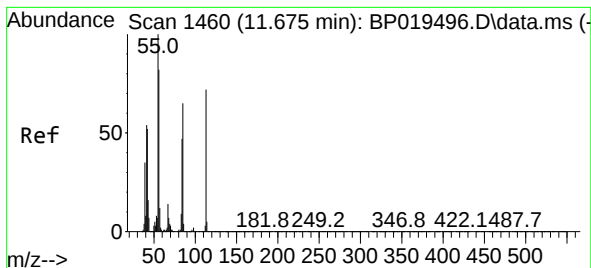
Tgt Ion:	127	Resp:	76265
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.6	36.8
65	35.5	28.2	42.4
92	21.9	18.9	28.3



#34
Hexachlorobutadiene
Concen: 44.033 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:	225	Resp:	196855
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.5	75.7
227	63.2	50.2	75.2





#35

Caprolactam

Concen: 48.238 ng

RT: 11.692 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

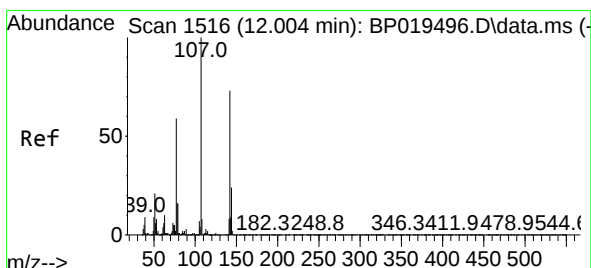
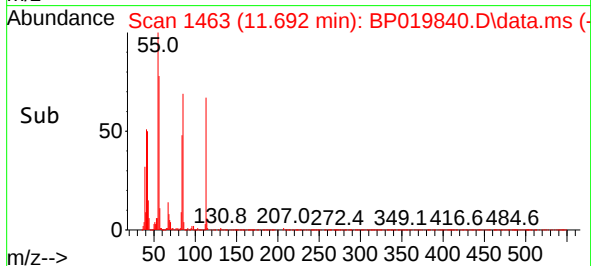
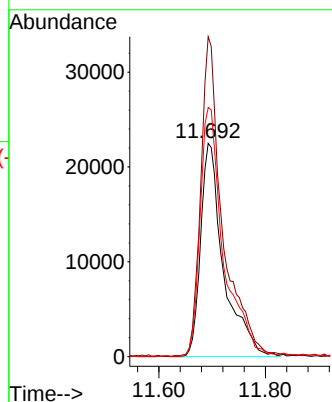
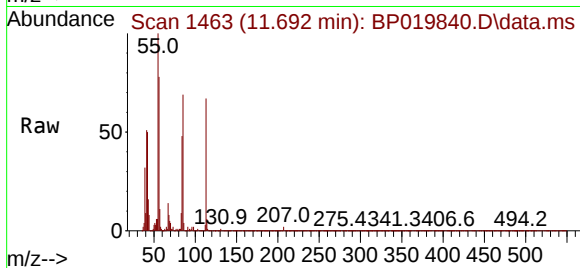
Tgt Ion:113 Resp: 67191

Ion Ratio Lower Upper

113 100

55 149.9 120.0 160.0

56 116.7 94.0 134.0



#36

4-Chloro-3-methylphenol

Concen: 45.918 ng

RT: 12.010 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

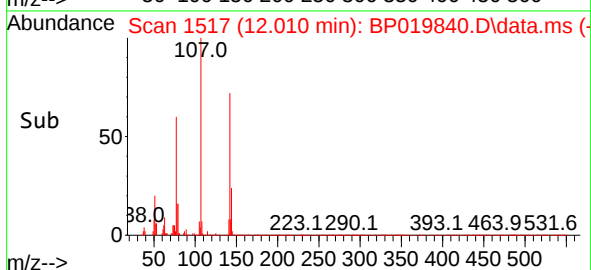
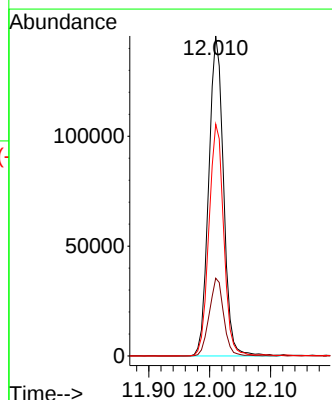
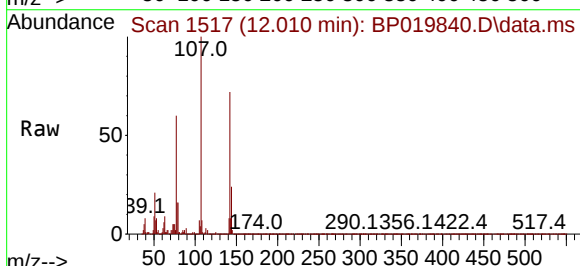
Tgt Ion:107 Resp: 246348

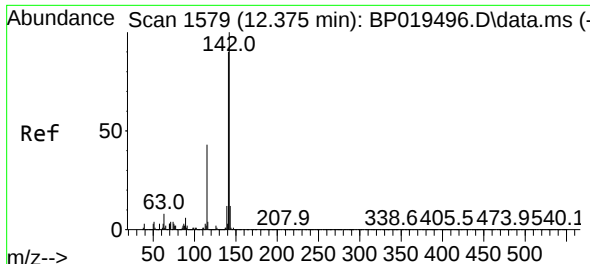
Ion Ratio Lower Upper

107 100

144 24.3 19.0 28.4

142 72.4 58.6 88.0





#37

2-Methylnaphthalene

Concen: 43.074 ng

RT: 12.369 min Scan# 1

Delta R.T. 0.005 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

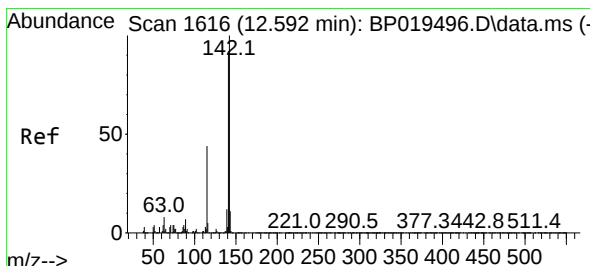
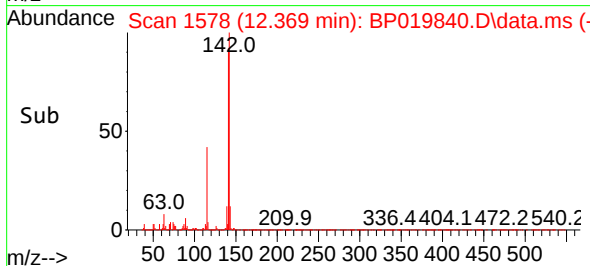
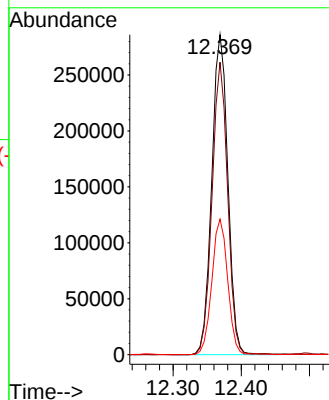
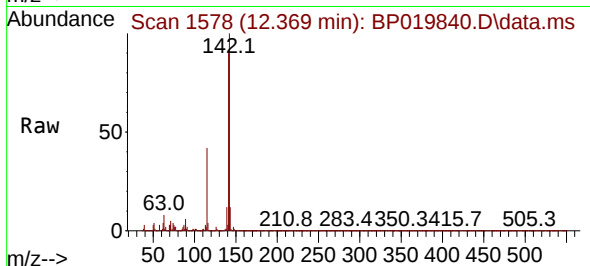
Tgt Ion:142 Resp: 469726

Ion Ratio Lower Upper

142 100

141 91.4 72.2 108.4

115 42.4 34.2 51.2



#38

1-Methylnaphthalene

Concen: 41.663 ng

RT: 12.586 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

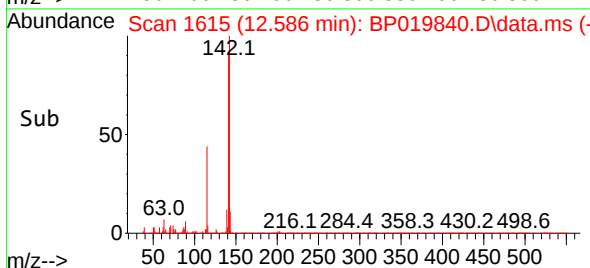
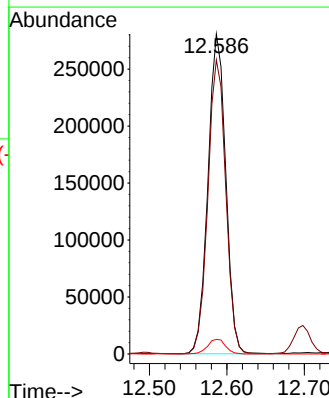
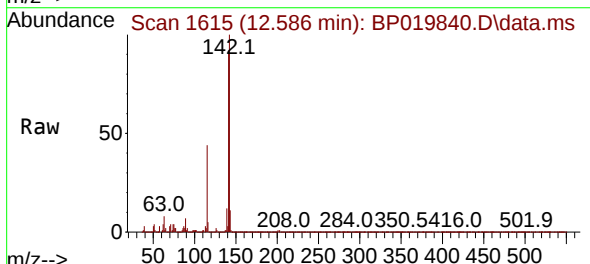
Tgt Ion:142 Resp: 446478

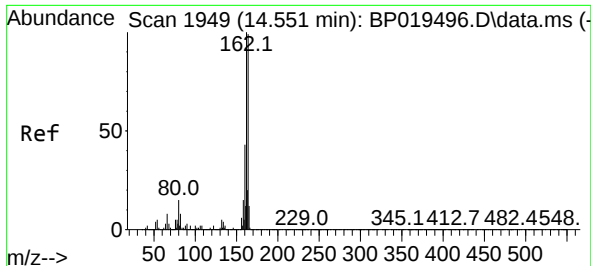
Ion Ratio Lower Upper

142 100

141 91.9 74.0 111.0

116 4.6 3.7 5.5

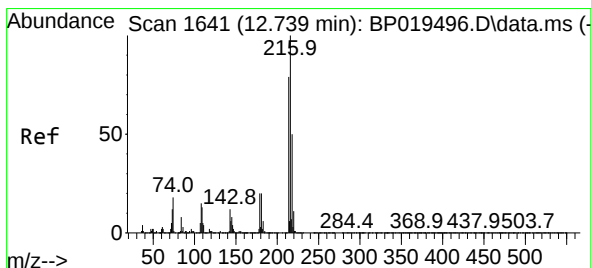
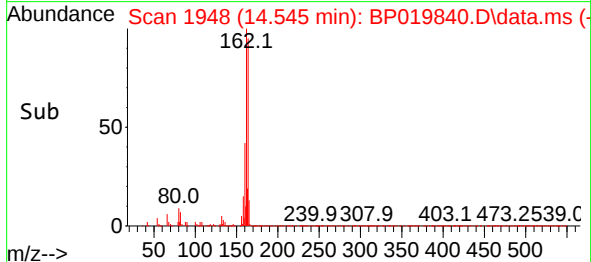
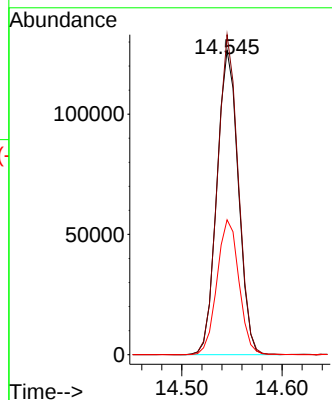
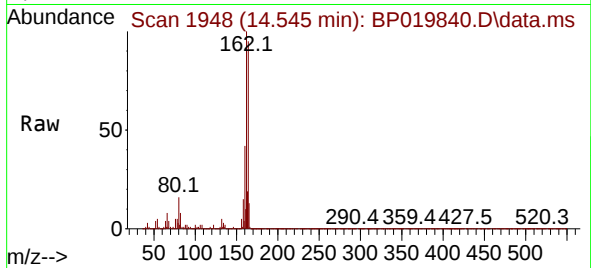




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

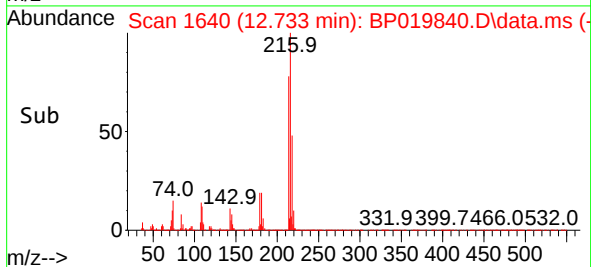
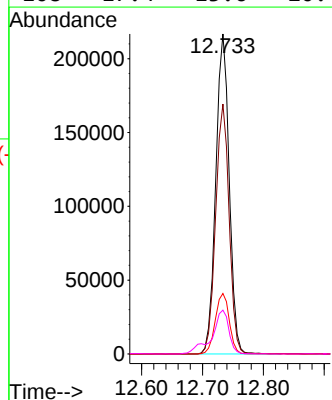
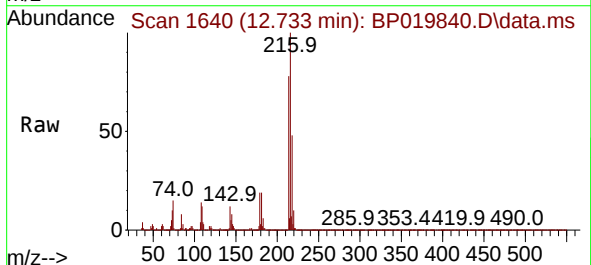
Instrument :
BNA_P
ClientSampleId :
PB159196BS

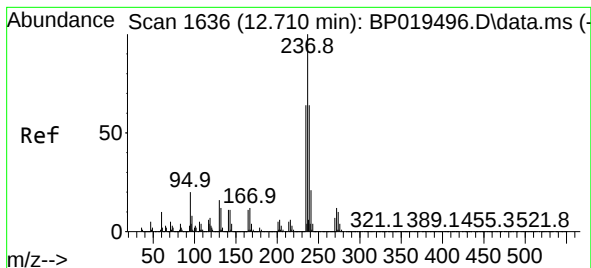
Tgt Ion:164 Resp: 187847
Ion Ratio Lower Upper
164 100
162 105.2 81.2 121.8
160 44.3 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.719 ng
RT: 12.733 min Scan# 1640
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:216 Resp: 331216
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 19.7 16.6 24.8
108 17.4 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 120.933 ng

RT: 12.698 min Scan# 1

Delta R.T. 0.005 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

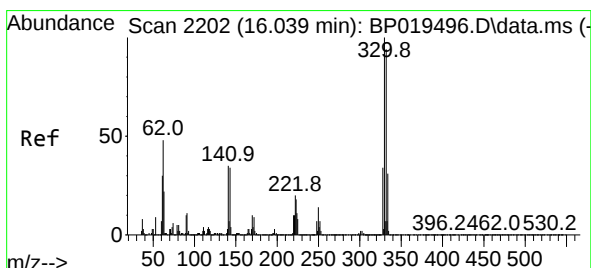
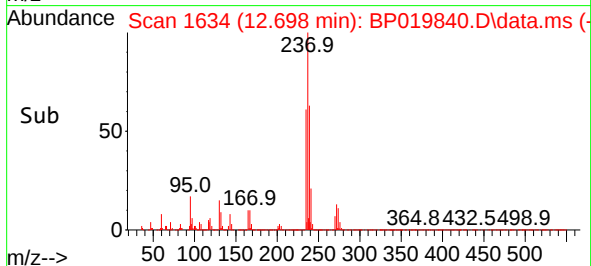
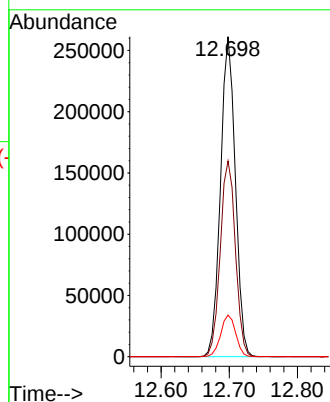
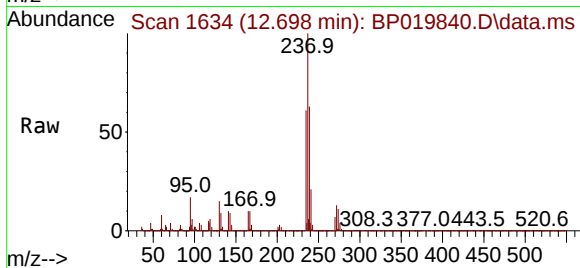
Tgt Ion:237 Resp: 395780

Ion Ratio Lower Upper

237 100

235 61.1 43.7 83.7

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 163.411 ng

RT: 16.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

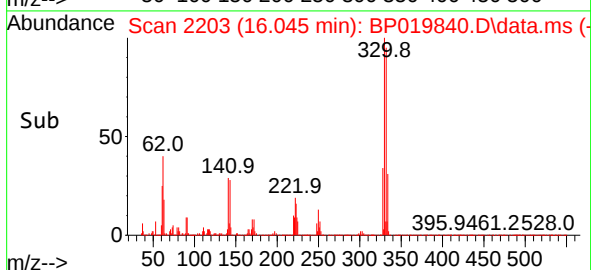
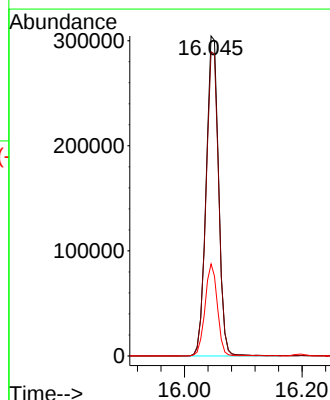
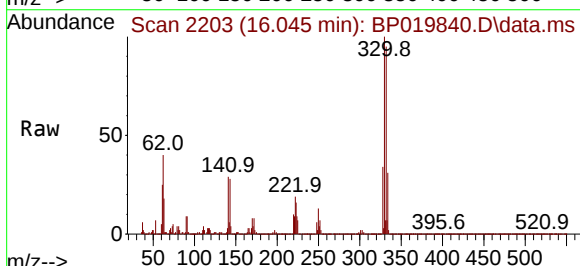
Tgt Ion:330 Resp: 448186

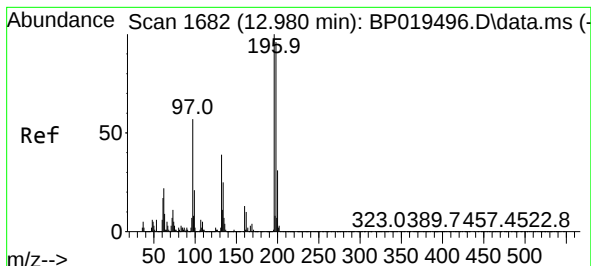
Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 28.4 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.277 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

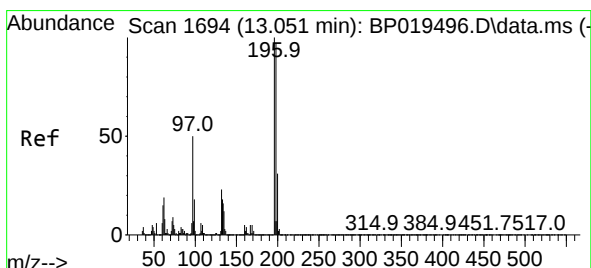
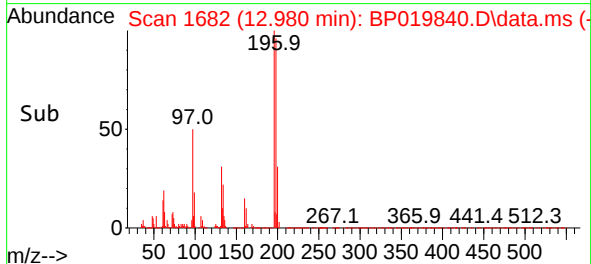
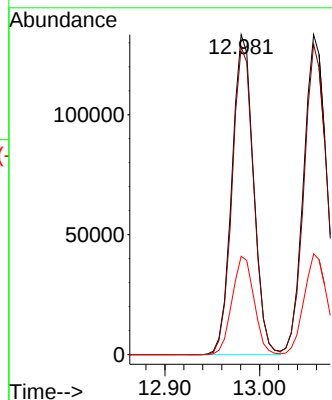
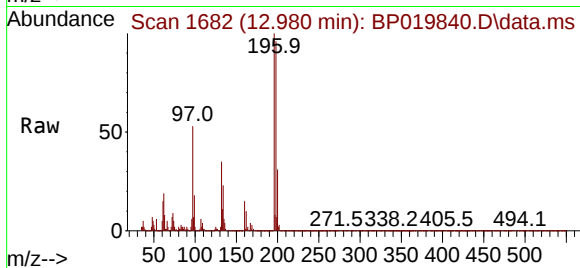
Tgt Ion:196 Resp: 211781

Ion Ratio Lower Upper

196 100

198 96.2 76.7 115.1

200 30.7 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 47.734 ng

RT: 13.057 min Scan# 1695

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Tgt Ion:196 Resp: 229936

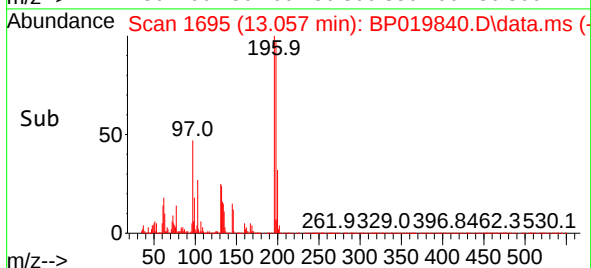
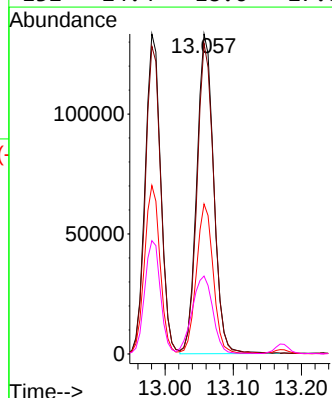
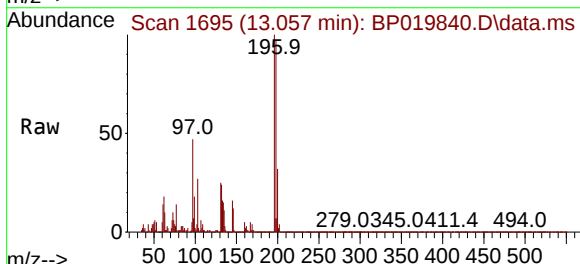
Ion Ratio Lower Upper

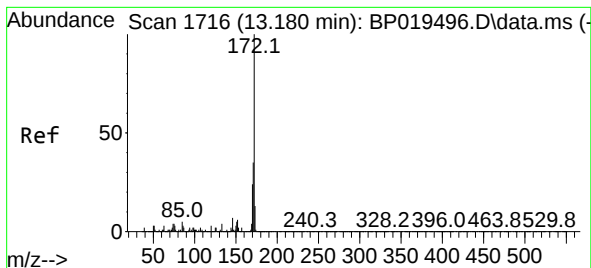
196 100

198 97.0 77.5 116.3

97 46.9 39.9 59.9

132 24.4 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 82.971 ng

RT: 13.175 min Scan# 1715

Delta R.T. 0.005 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

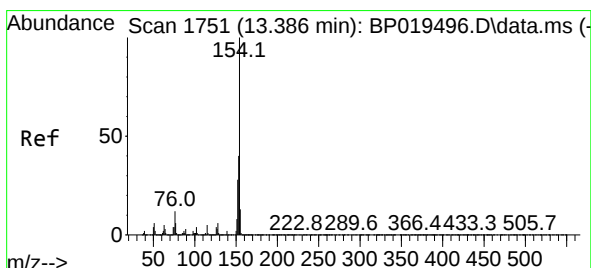
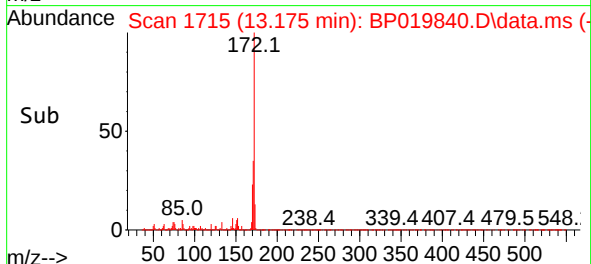
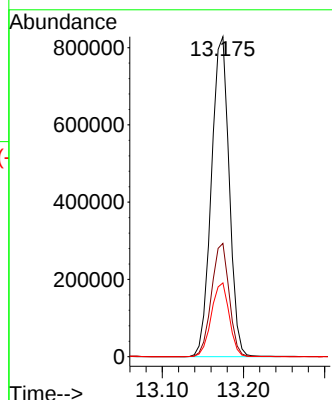
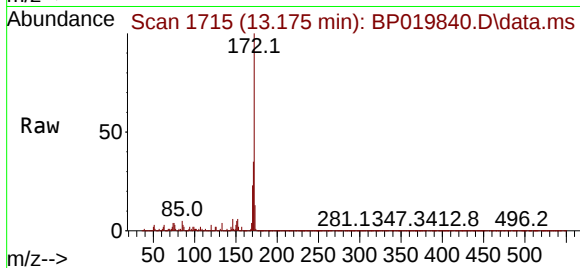
Tgt Ion:172 Resp: 1260757

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.645 ng

RT: 13.380 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

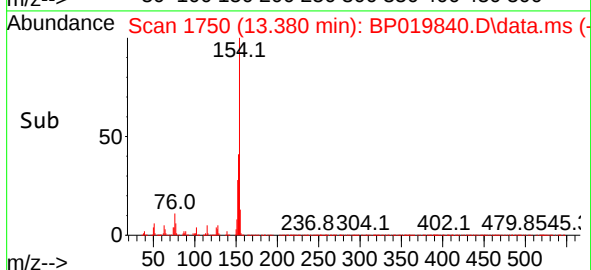
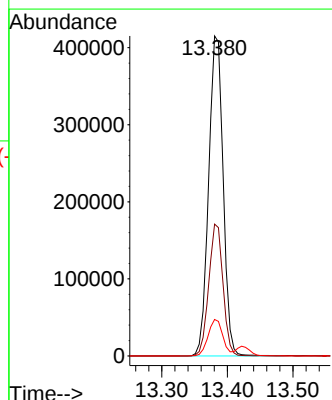
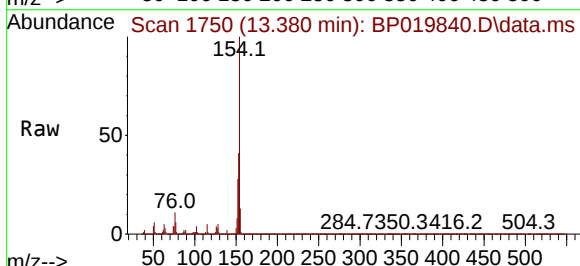
Tgt Ion:154 Resp: 639359

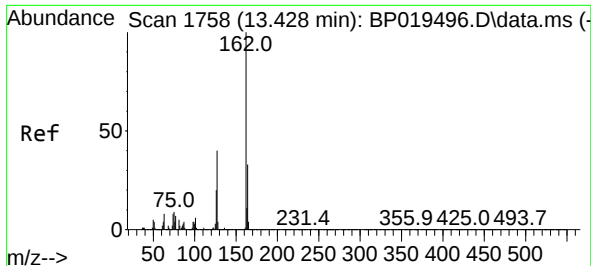
Ion Ratio Lower Upper

154 100

153 41.2 20.2 60.2

76 11.4 0.0 31.6

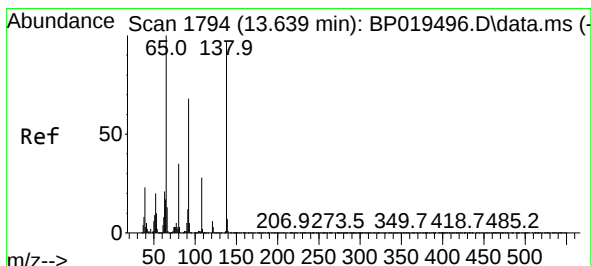
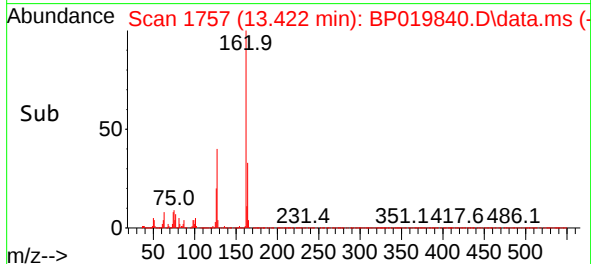
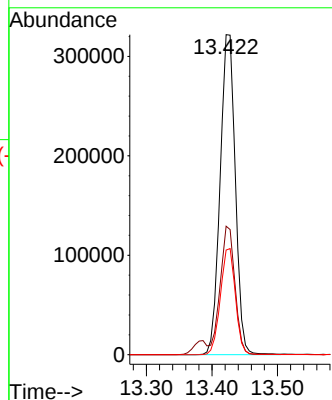
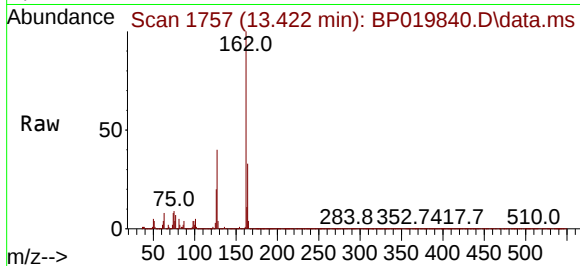




#47
2-Chloronaphthalene
Concen: 41.997 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

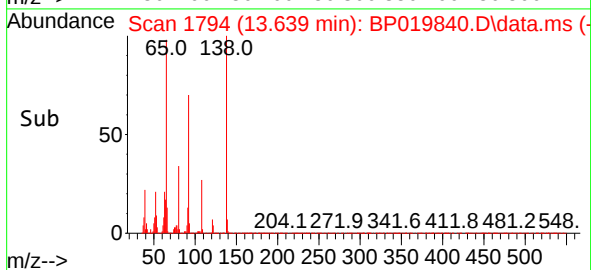
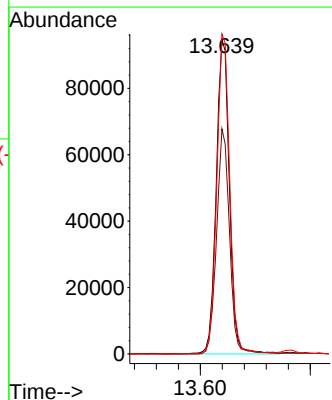
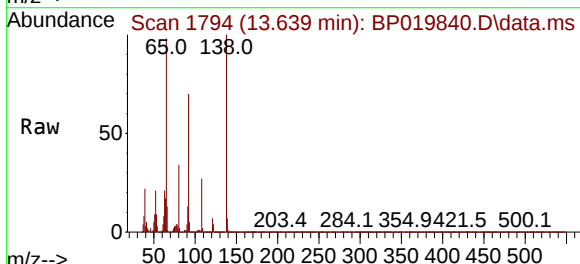
Instrument :
BNA_P
ClientSampleId :
PB159196BS

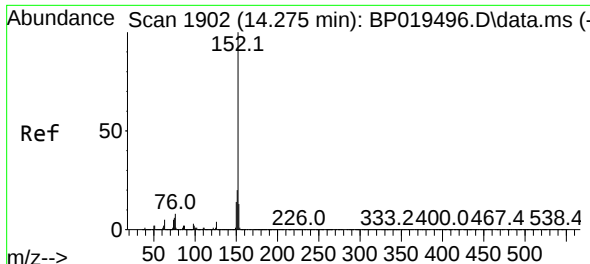
Tgt Ion:162 Resp: 516867
Ion Ratio Lower Upper
162 100
127 40.2 32.1 48.1
164 32.7 26.7 40.1



#48
2-Nitroaniline
Concen: 46.002 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion: 65 Resp: 158309
Ion Ratio Lower Upper
65 100
92 71.6 54.7 82.1
138 101.8 77.8 116.6

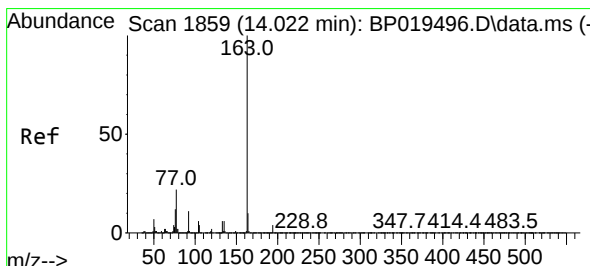
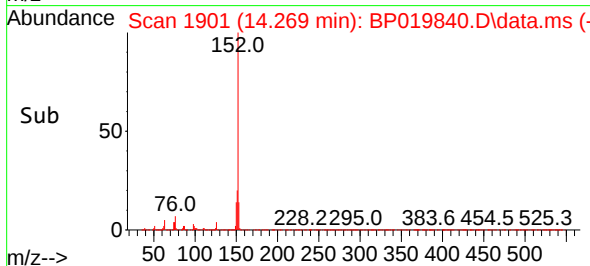
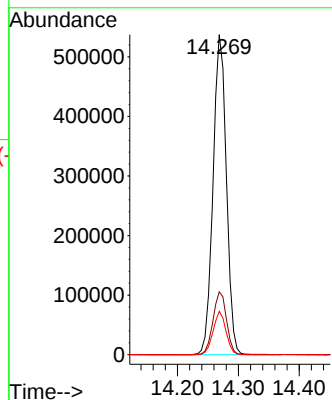
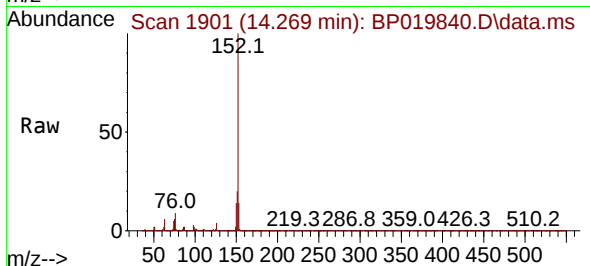




#49
Acenaphthylene
Concen: 47.285 ng
RT: 14.269 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

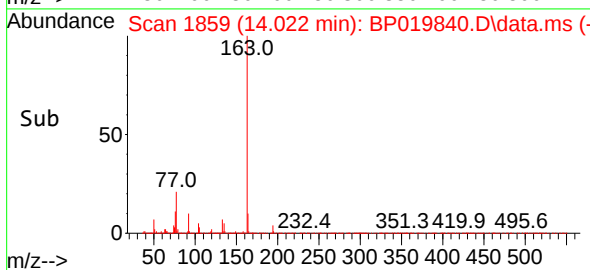
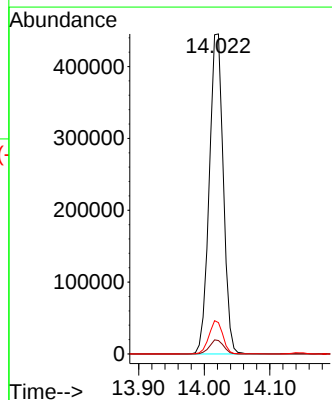
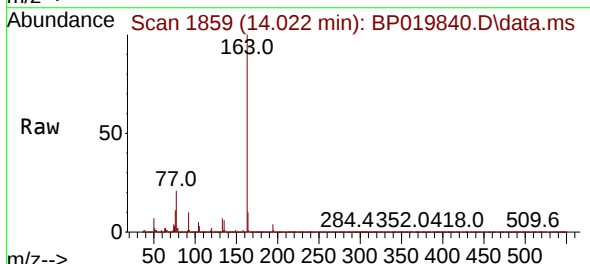
Instrument :
BNA_P
ClientSampleId :
PB159196BS

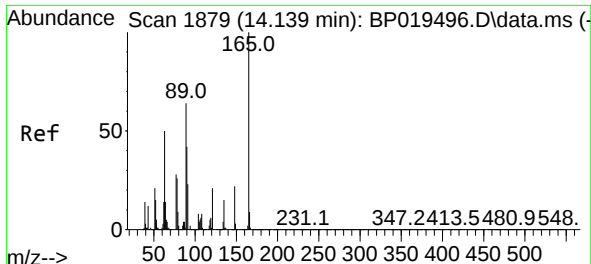
Tgt Ion:152 Resp: 816452
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.6 10.6 15.8



#50
Dimethylphthalate
Concen: 46.118 ng
RT: 14.022 min Scan# 1859
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:163 Resp: 663184
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 7.8 11.6

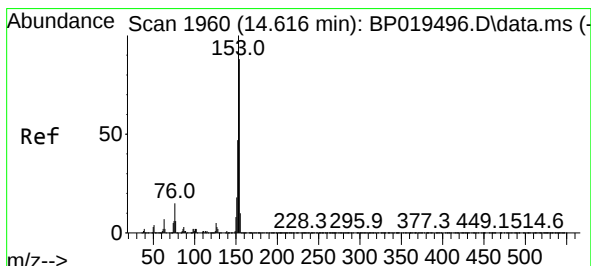
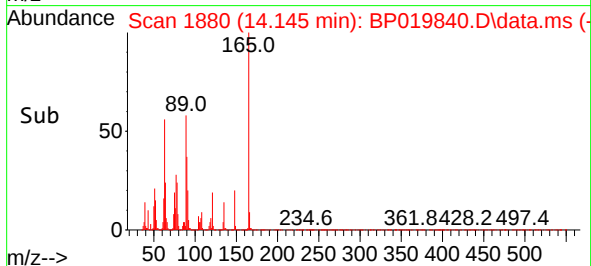
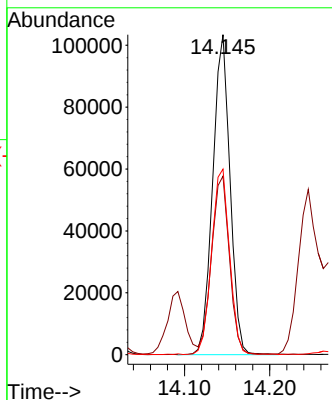
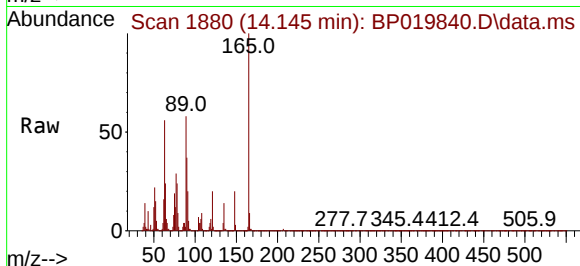




#51
2,6-Dinitrotoluene
Concen: 46.320 ng
RT: 14.145 min Scan# 1879
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

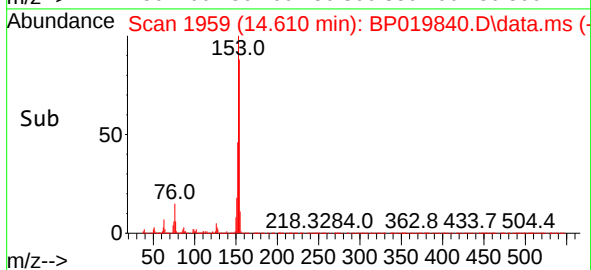
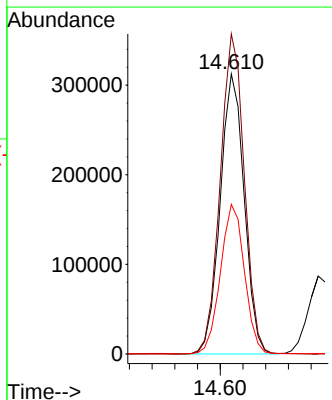
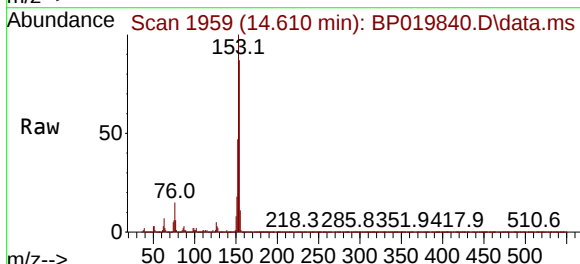
Instrument :
BNA_P
ClientSampleId :
PB159196BS

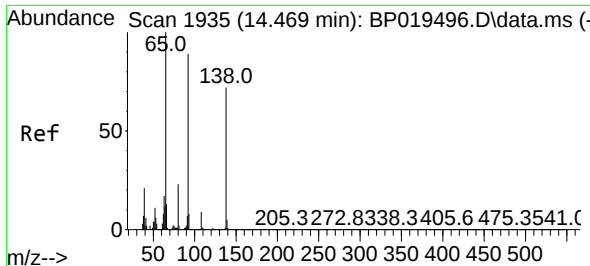
Tgt Ion:165 Resp: 146346
Ion Ratio Lower Upper
165 100
63 55.8 50.4 75.6
89 58.0 51.7 77.5



#52
Acenaphthene
Concen: 42.833 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:154 Resp: 459025
Ion Ratio Lower Upper
154 100
153 114.3 90.5 135.7
152 53.5 42.1 63.1

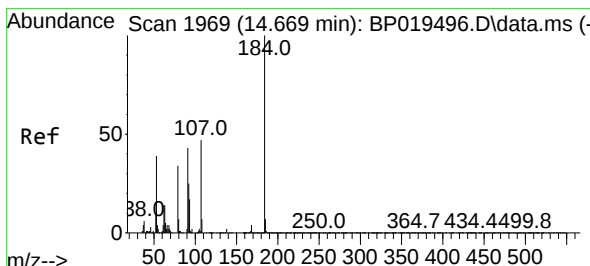
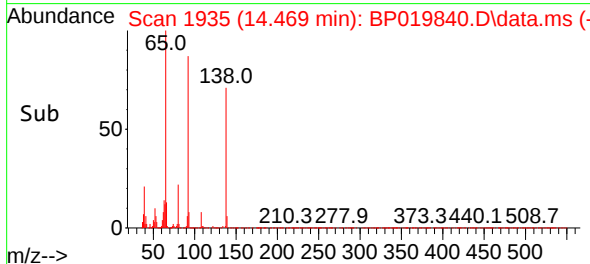
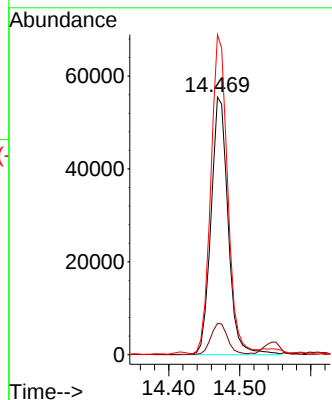
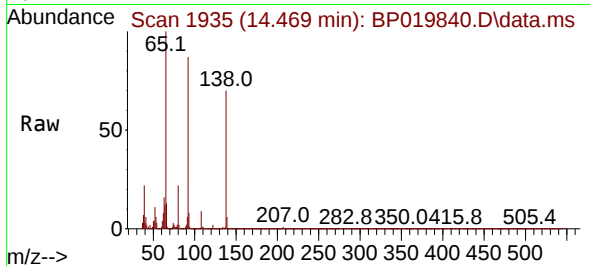




#53
3-Nitroaniline
Concen: 31.904 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

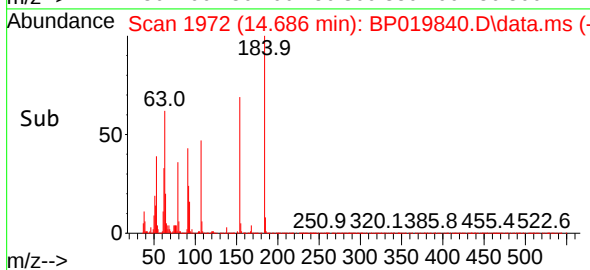
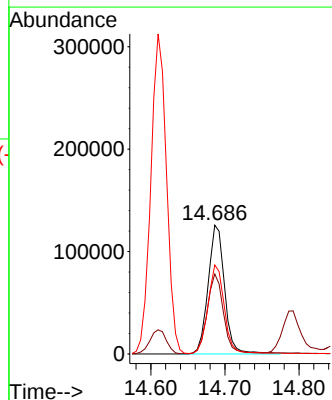
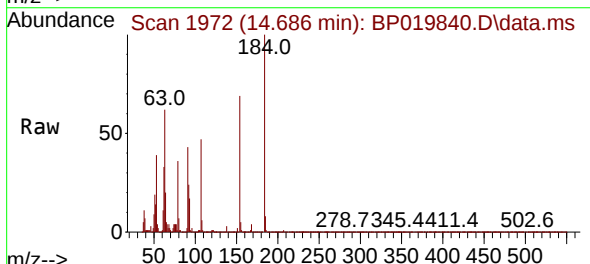
Instrument :
BNA_P
ClientSampleId :
PB159196BS

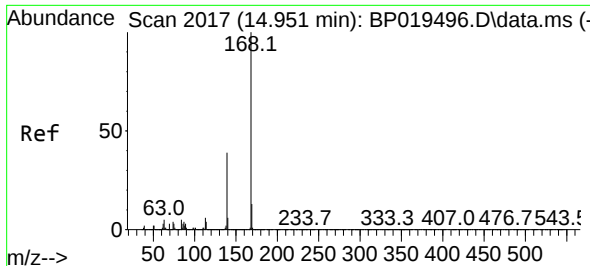
Tgt Ion:138 Resp: 92633
Ion Ratio Lower Upper
138 100
108 12.1 9.7 14.5
92 124.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 118.781 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:184 Resp: 194850
Ion Ratio Lower Upper
184 100
63 62.0 50.5 75.7
154 69.1 53.4 80.0

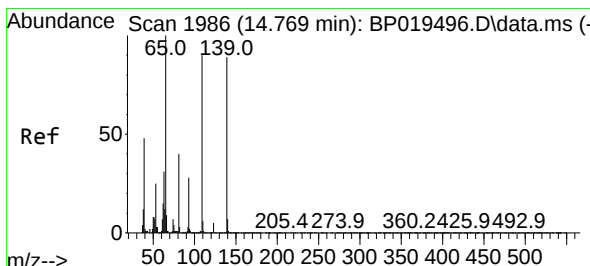
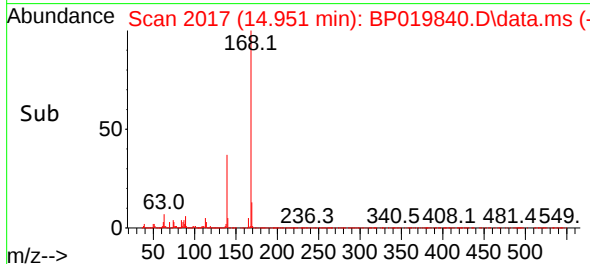
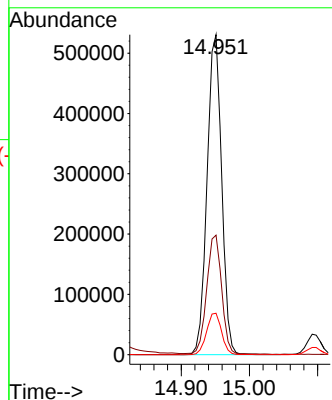
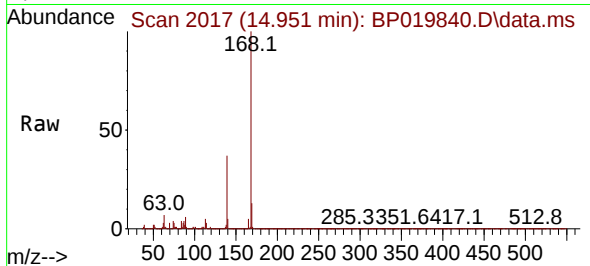




#55
Dibenzofuran
Concen: 45.258 ng
RT: 14.951 min Scan# 2017
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

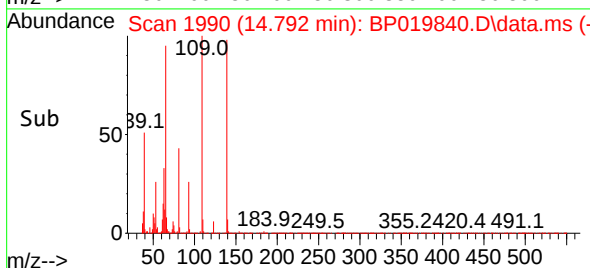
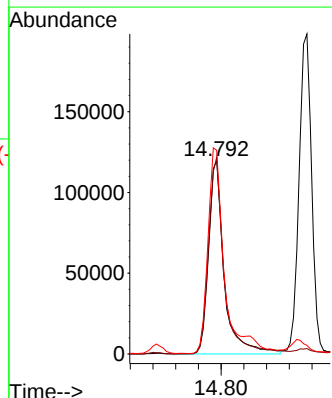
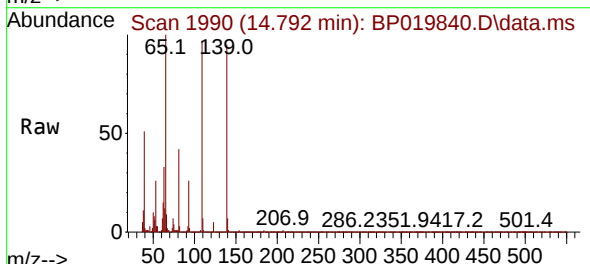
Instrument :
BNA_P
ClientSampleId :
PB159196BS

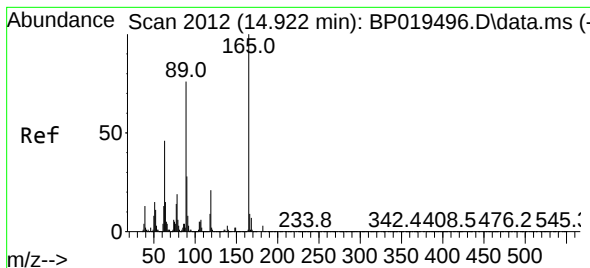
Tgt Ion:168 Resp: 789943
Ion Ratio Lower Upper
168 100
139 37.3 31.5 47.3
169 13.0 10.3 15.5



#56
4-Nitrophenol
Concen: 95.378 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:139 Resp: 226984
Ion Ratio Lower Upper
139 100
109 101.8 82.0 122.0
65 105.4 92.9 132.9





#57

2,4-Dinitrotoluene

Concen: 50.631 ng

RT: 14.933 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

Tgt Ion:165 Resp: 209625

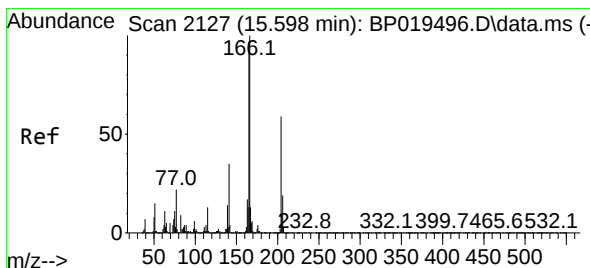
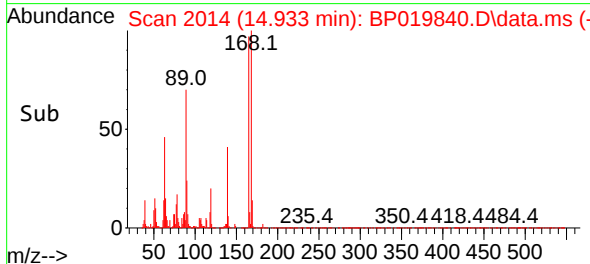
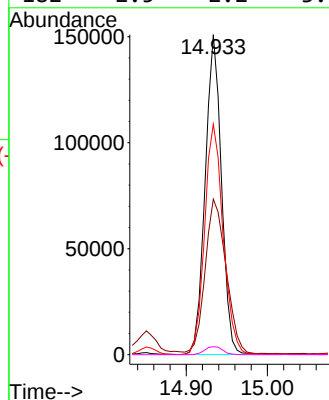
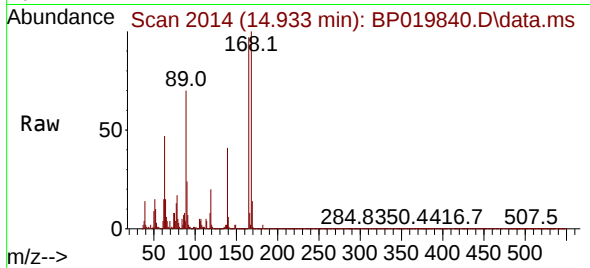
Ion Ratio Lower Upper

165 100

63 48.6 36.9 55.3

89 72.0 61.1 91.7

182 2.5 2.2 3.2



#58

Fluorene

Concen: 46.797 ng

RT: 15.604 min Scan# 2128

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

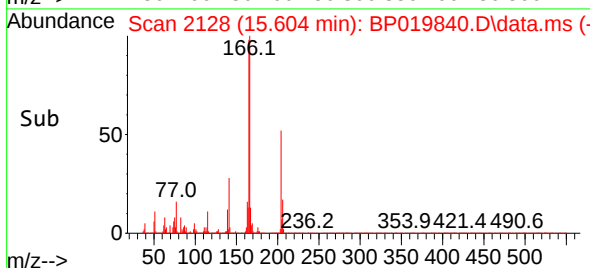
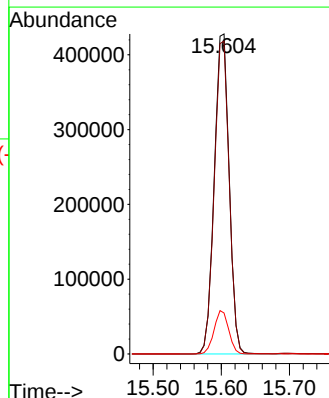
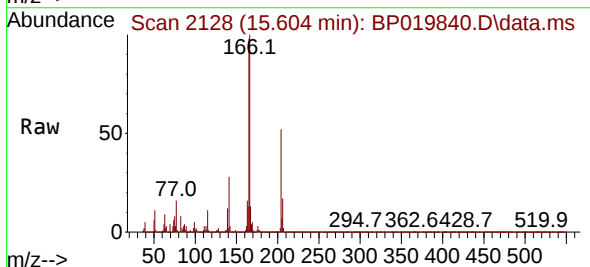
Tgt Ion:166 Resp: 650562

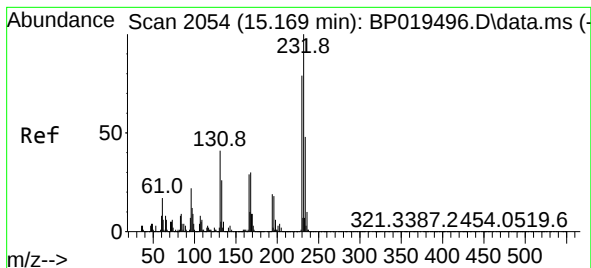
Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

167 12.8 10.7 16.1

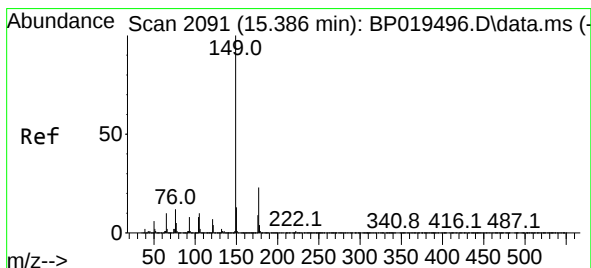
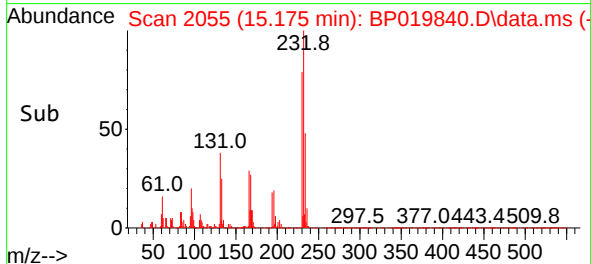
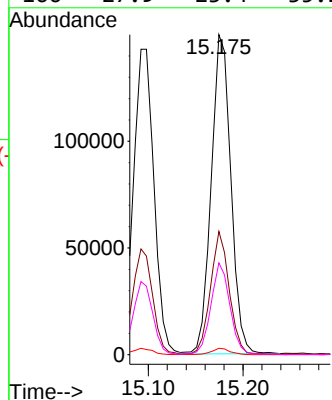
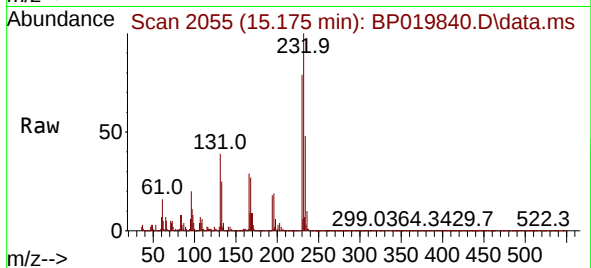




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.224 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

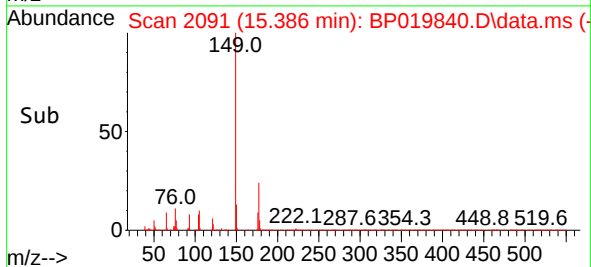
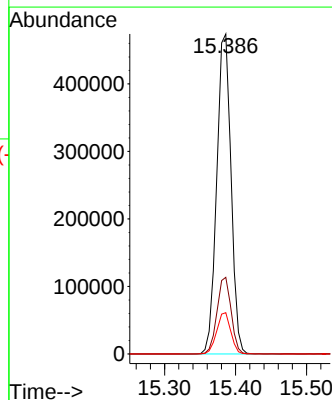
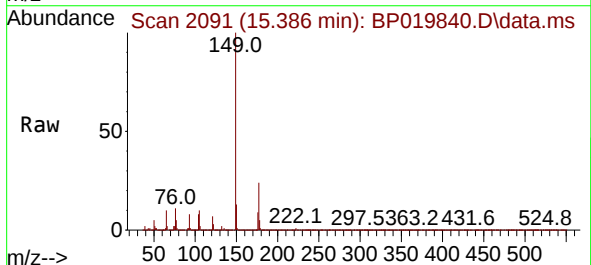
Instrument :
BNA_P
ClientSampleId :
PB159196BS

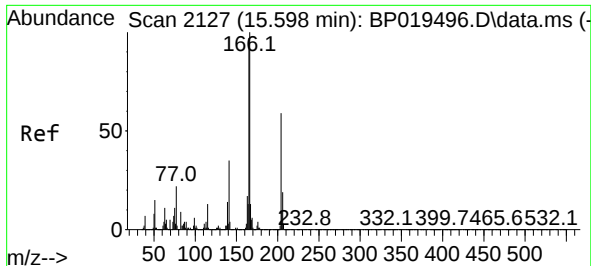
Tgt Ion:232 Resp: 215651
Ion Ratio Lower Upper
232 100
131 36.6 32.4 48.6
130 1.9 1.9 2.9#
166 27.9 23.4 35.2



#60
Diethylphthalate
Concen: 46.063 ng
RT: 15.386 min Scan# 2091
Delta R.T. 0.005 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:149 Resp: 658860
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.2
150 12.9 10.2 15.4

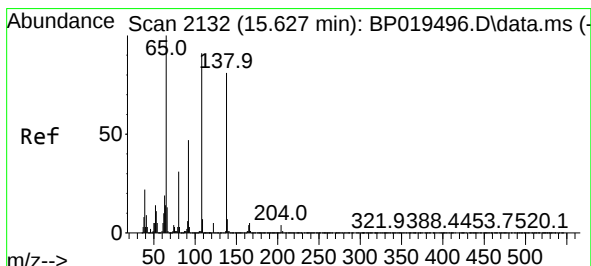
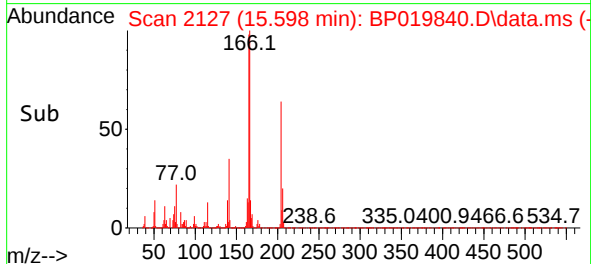
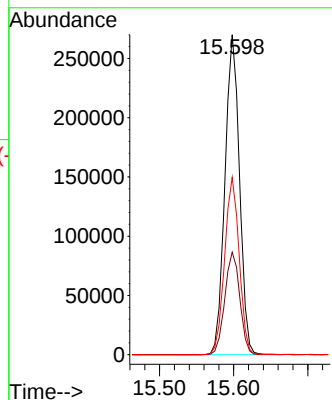
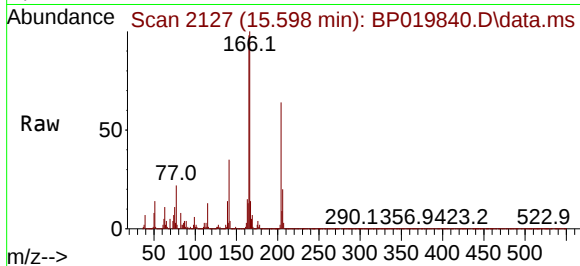




#61
4-Chlorophenyl-phenylether
Concen: 47.080 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

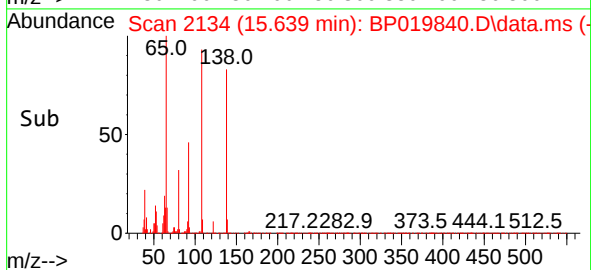
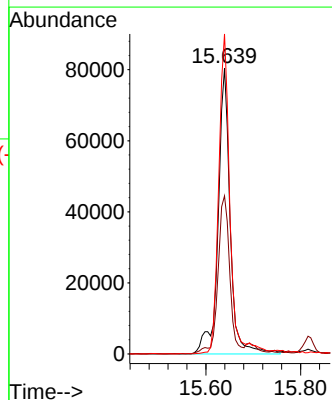
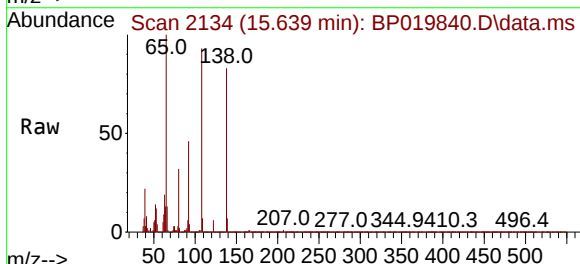
Instrument :
BNA_P
ClientSampleId :
PB159196BS

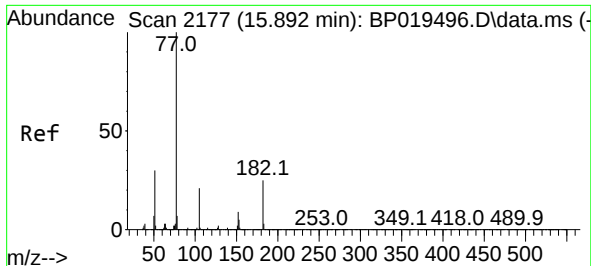
Tgt Ion:204 Resp: 367860
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 55.4 48.5 72.7



#62
4-Nitroaniline
Concen: 46.651 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:138 Resp: 141979
Ion Ratio Lower Upper
138 100
92 55.3 38.3 78.3
108 112.0 91.2 131.2

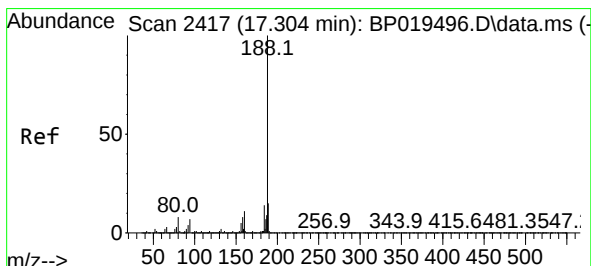
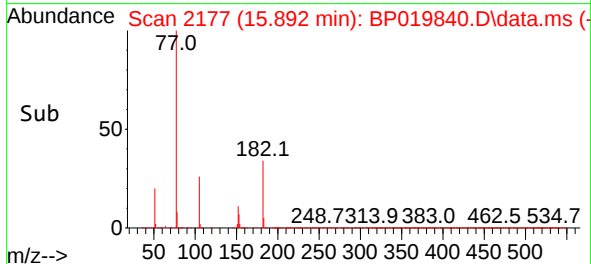
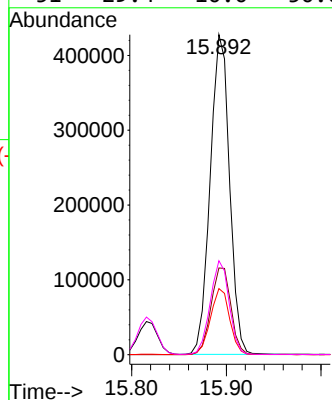
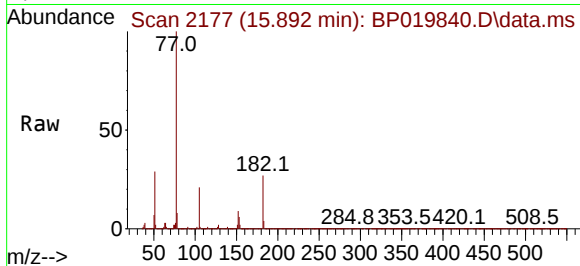




#63
Azobenzene
Concen: 43.866 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

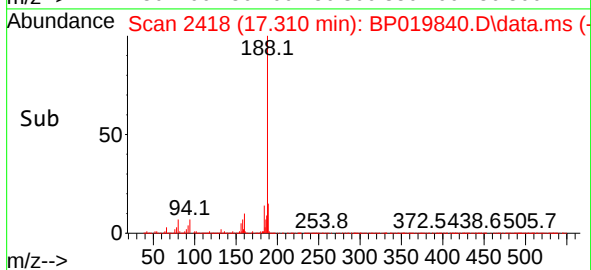
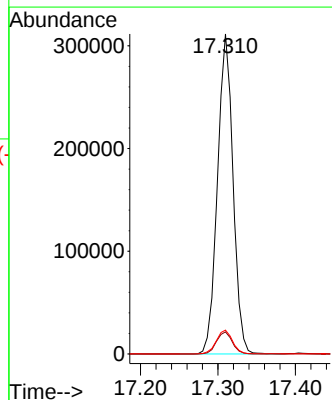
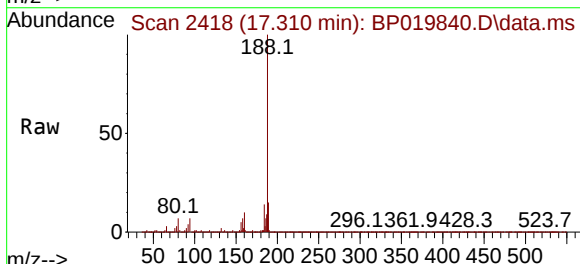
Instrument :
BNA_P
ClientSampleId :
PB159196BS

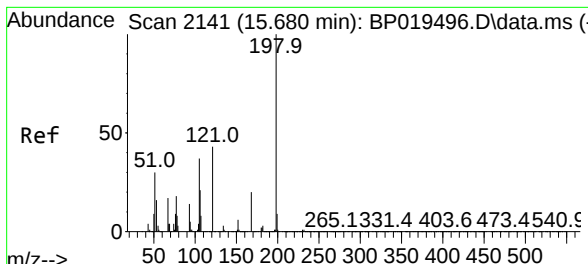
Tgt Ion: 77	Resp: 606734
Ion Ratio	Lower Upper
77 100	
182 27.1	5.1 45.1
105 20.7	0.8 40.8
51 29.4	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:188	Resp: 434806
Ion Ratio	Lower Upper
188 100	
94 6.9	5.4 8.2
80 7.4	6.3 9.5

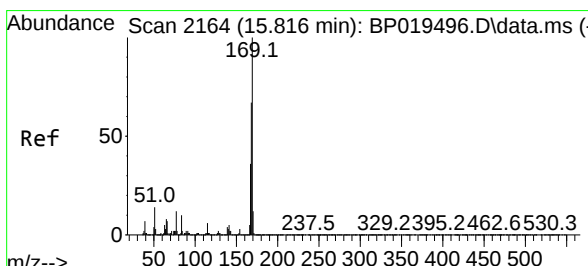
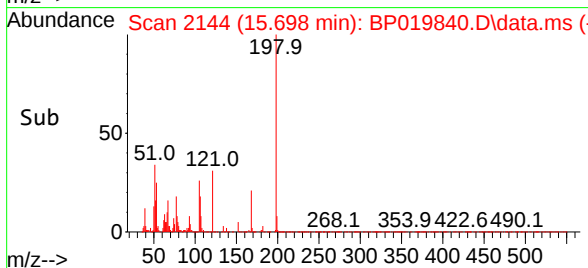
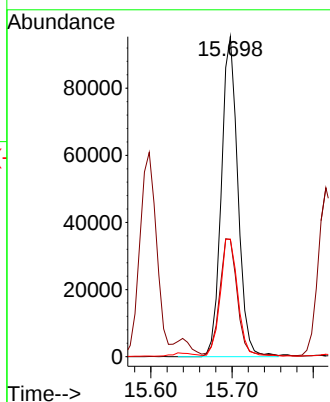
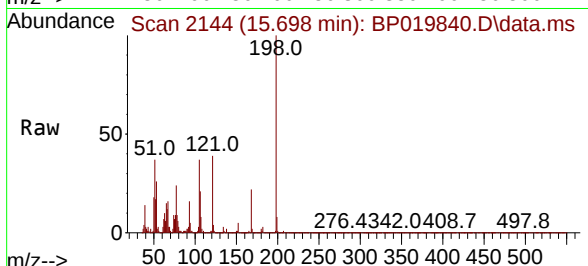




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.521 ng
 RT: 15.698 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: BP019840.D
 Acq: 23 Feb 2024 13:11

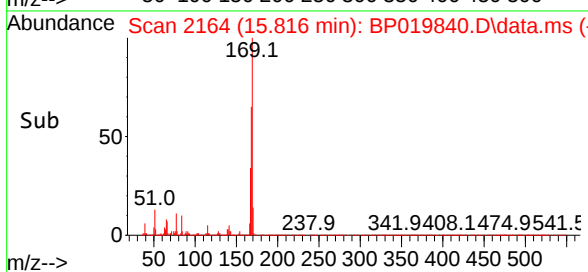
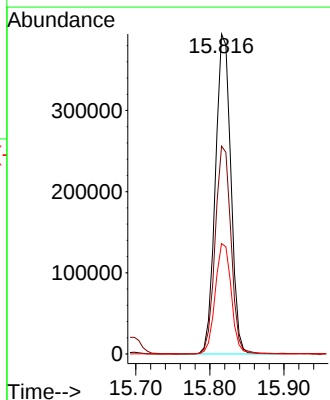
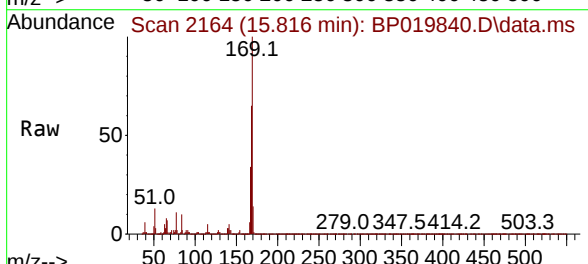
Instrument :
 BNA_P
 ClientSampleId :
 PB159196BS

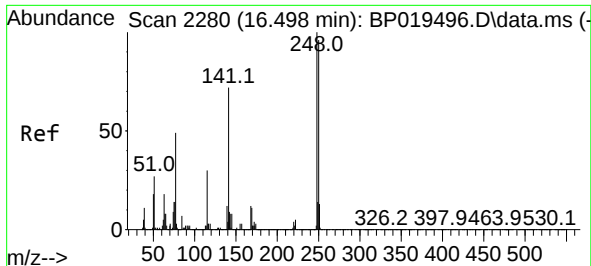
Tgt Ion:	198	Resp:	135173
Ion	Ratio	Lower	Upper
198	100		
51	36.6	21.2	61.2
105	36.8	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 43.801 ng
 RT: 15.816 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: BP019840.D
 Acq: 23 Feb 2024 13:11

Tgt Ion:	169	Resp:	570380
Ion	Ratio	Lower	Upper
169	100		
168	65.0	53.4	80.2
167	34.5	28.9	43.3

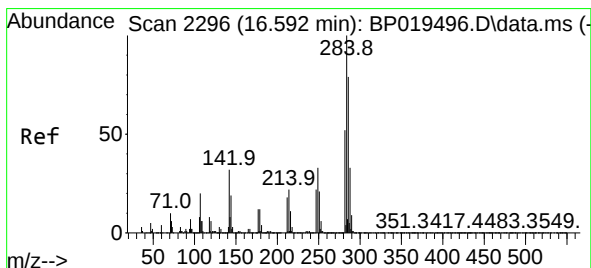
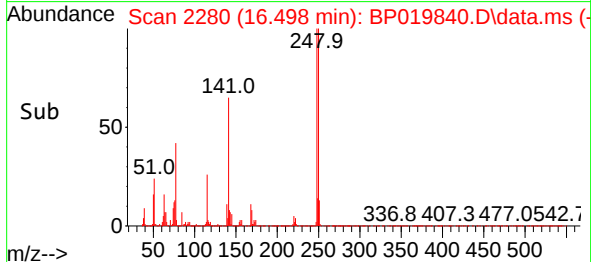
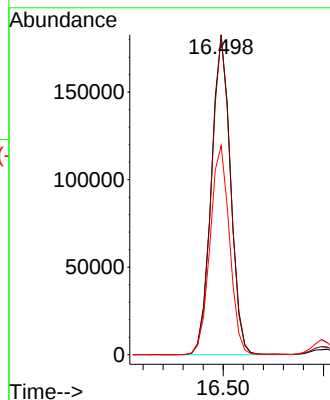
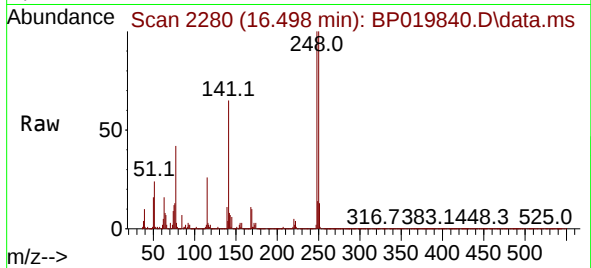




#67
4-Bromophenyl-phenylether
Concen: 44.711 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

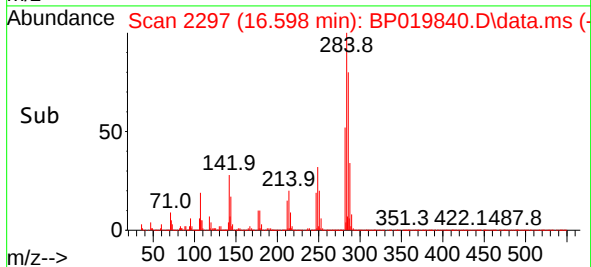
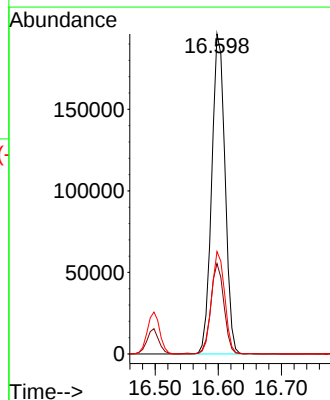
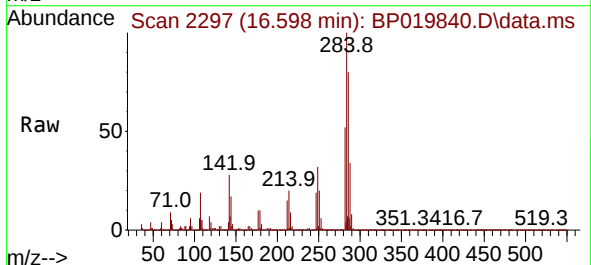
Instrument :
BNA_P
ClientSampleId :
PB159196BS

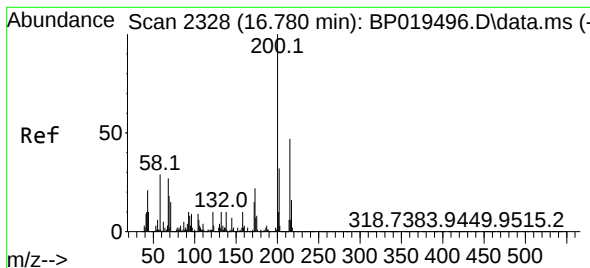
Tgt Ion:248 Resp: 243034
Ion Ratio Lower Upper
248 100
250 100.5 76.9 115.3
141 65.7 58.0 87.0



#68
Hexachlorobenzene
Concen: 45.168 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:284 Resp: 286706
Ion Ratio Lower Upper
284 100
142 28.2 25.4 38.2
249 32.0 26.5 39.7





#69

Atrazine

Concen: 49.802 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

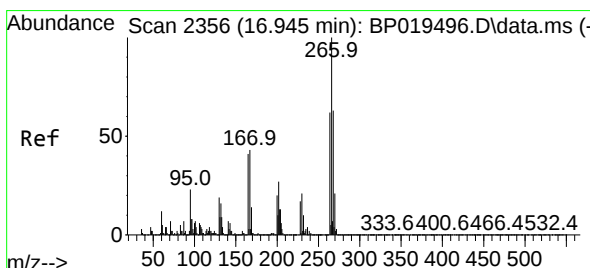
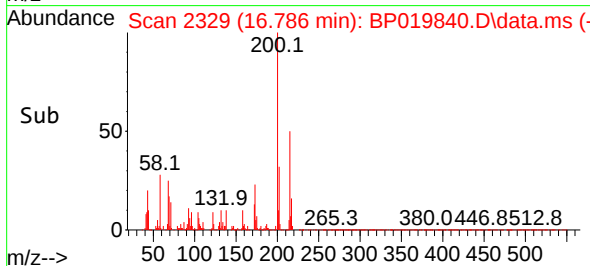
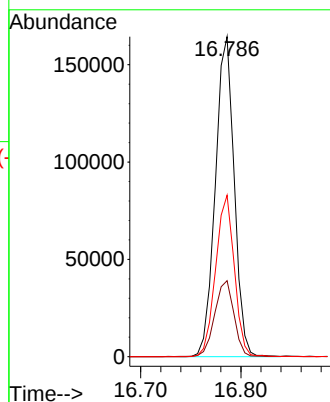
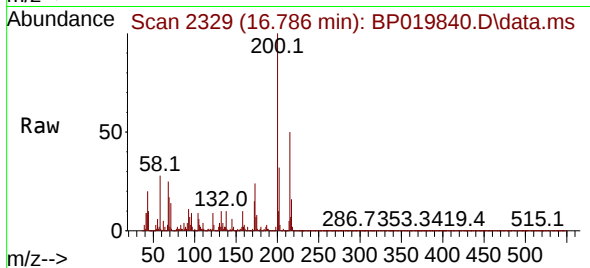
Tgt Ion:200 Resp: 215203

Ion Ratio Lower Upper

200 100

173 23.8 1.7 41.7

215 50.4 26.9 66.9



#70

Pentachlorophenol

Concen: 96.242 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.000 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

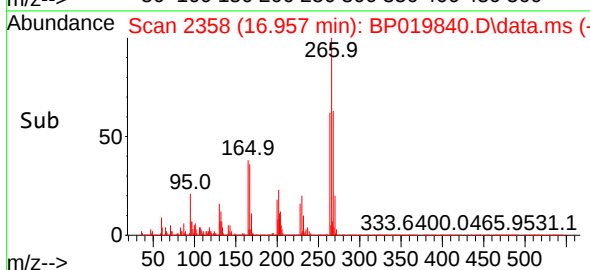
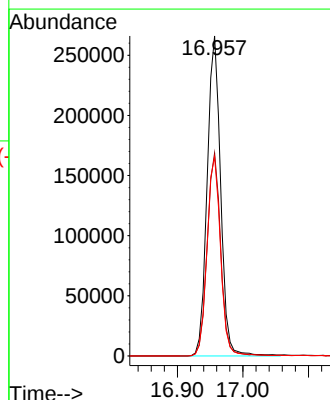
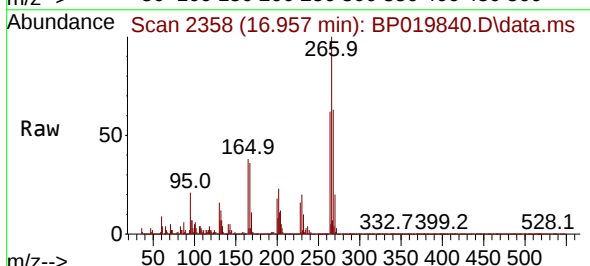
Tgt Ion:266 Resp: 380437

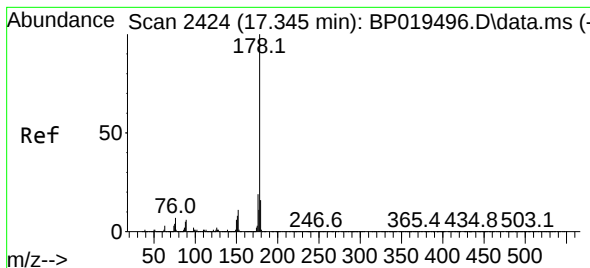
Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

264 62.2 49.7 74.5





#71

Phenanthrene

Concen: 44.800 ng

RT: 17.351 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

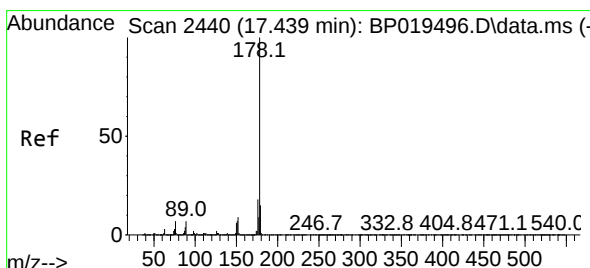
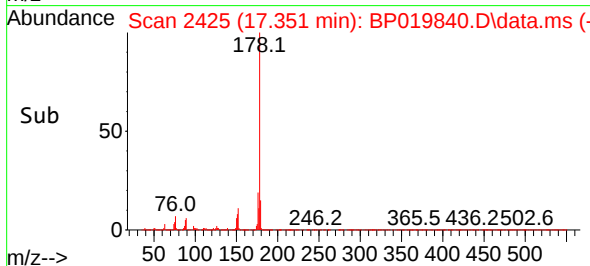
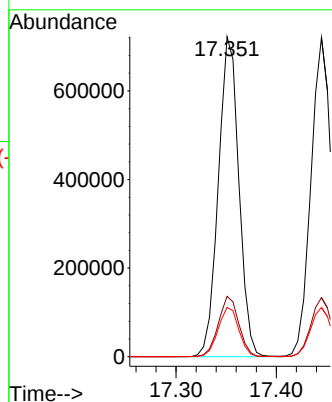
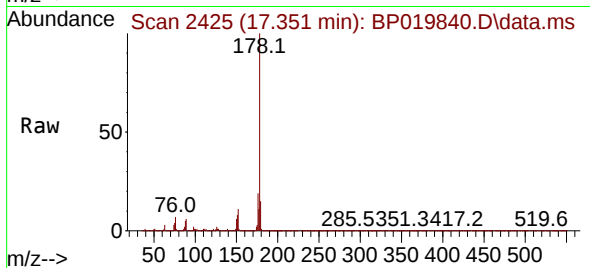
Tgt Ion:178 Resp: 1025136

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

179 15.4 12.6 19.0



#72

Anthracene

Concen: 45.355 ng

RT: 17.445 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

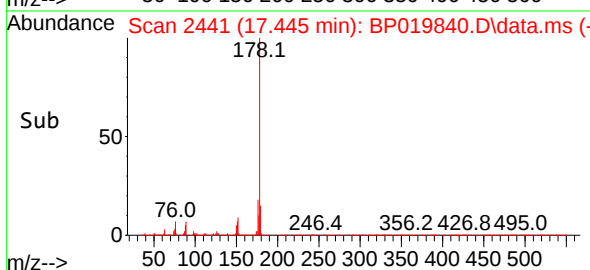
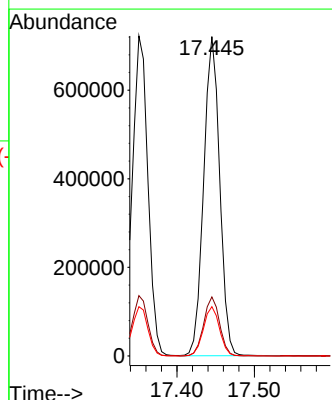
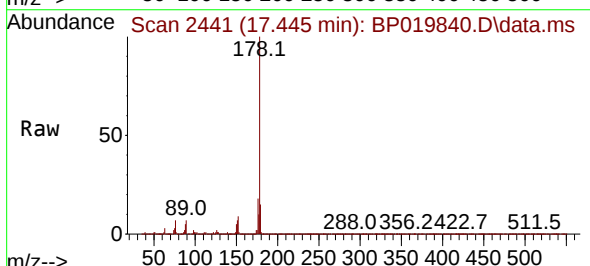
Tgt Ion:178 Resp: 1035291

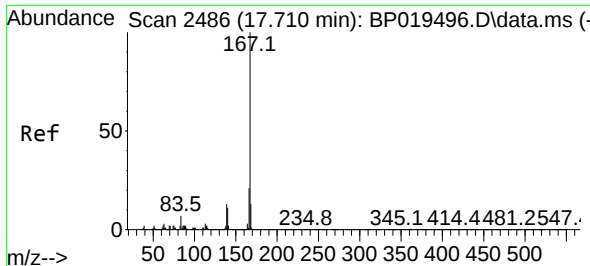
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.4 12.2 18.2

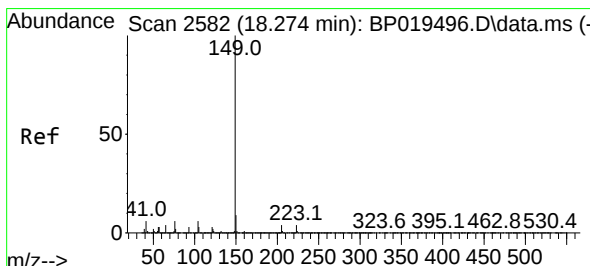
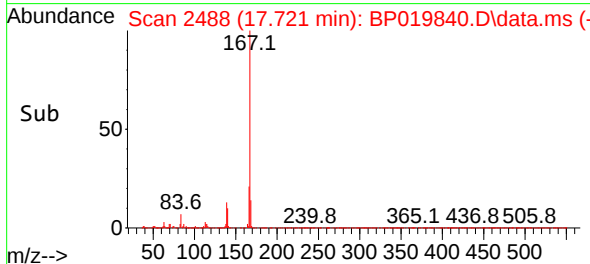
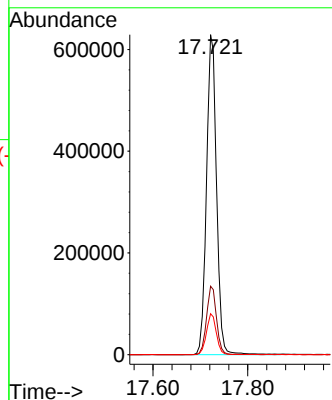
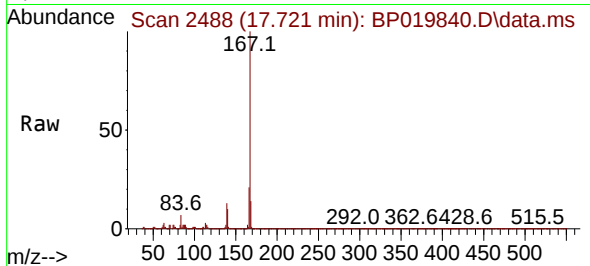




#73
 Carbazole
 Concen: 44.716 ng
 RT: 17.721 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019840.D
 Acq: 23 Feb 2024 13:11

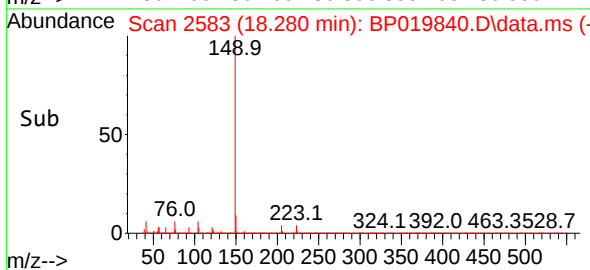
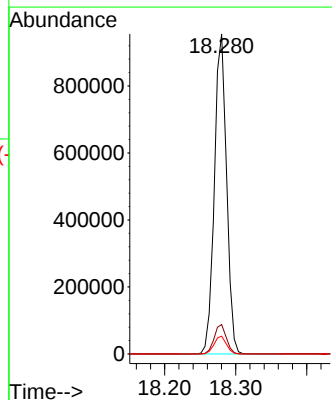
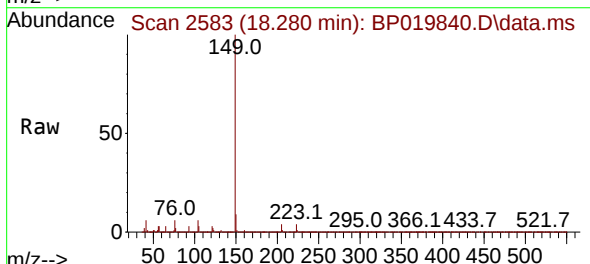
Instrument :
 BNA_P
 ClientSampleId :
 PB159196BS

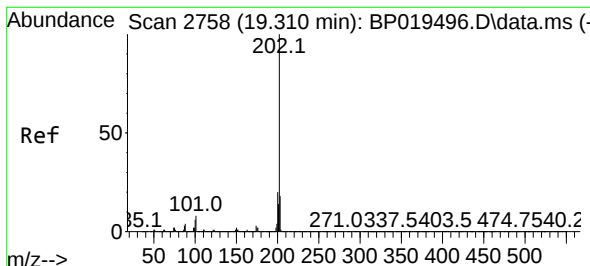
Tgt Ion:167 Resp: 927257
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 45.287 ng
 RT: 18.280 min Scan# 2583
 Delta R.T. -0.000 min
 Lab File: BP019840.D
 Acq: 23 Feb 2024 13:11

Tgt Ion:149 Resp: 1135485
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.5 4.8 7.2





#75

Fluoranthene

Concen: 45.710 ng

RT: 19.327 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

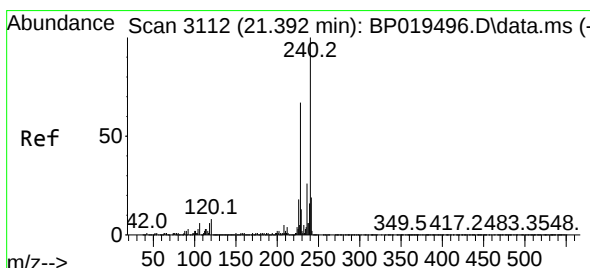
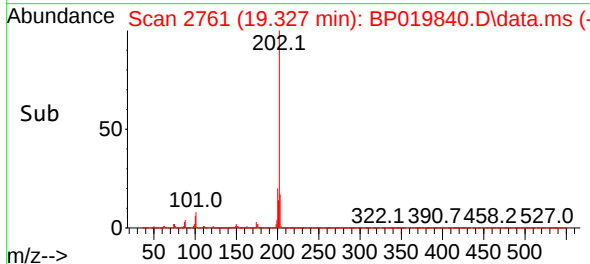
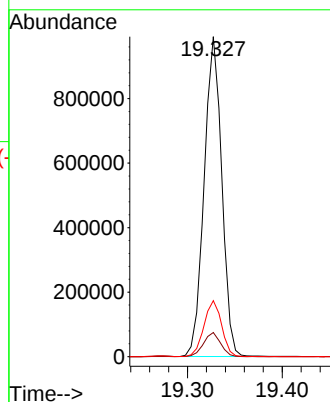
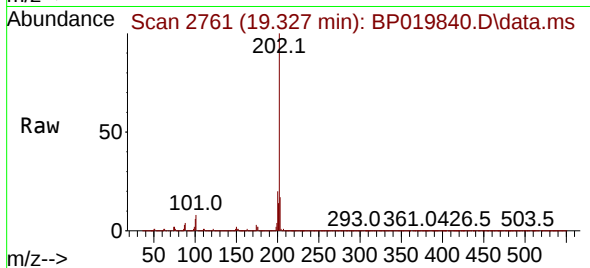
Tgt Ion:202 Resp: 1277737

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.7

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

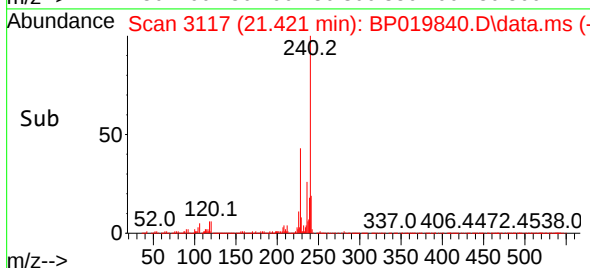
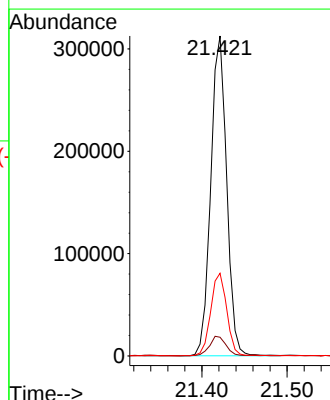
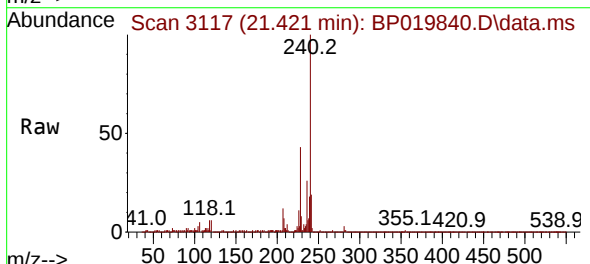
Tgt Ion:240 Resp: 406090

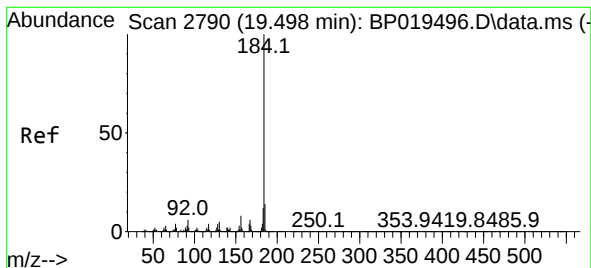
Ion Ratio Lower Upper

240 100

120 5.9 6.1 9.1#

236 25.9 20.7 31.1





#77

Benzidine

Concen: 48.427 ng

RT: 19.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

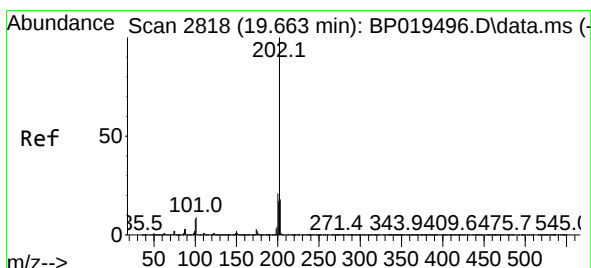
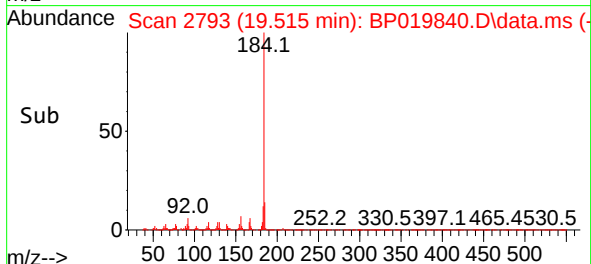
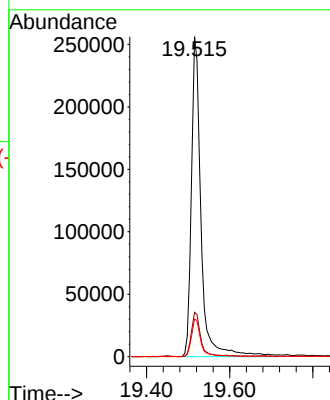
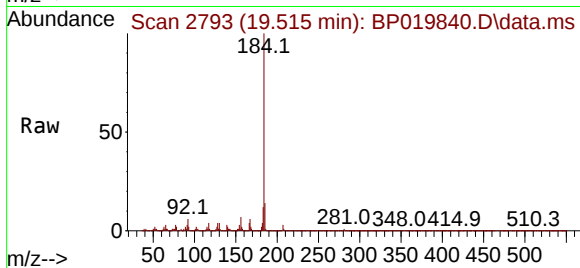
Tgt Ion:184 Resp: 411146

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 11.7 9.7 14.5



#78

Pyrene

Concen: 45.401 ng

RT: 19.680 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

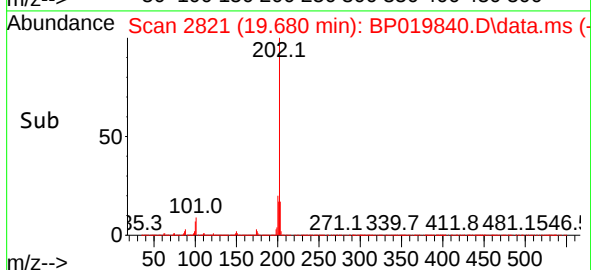
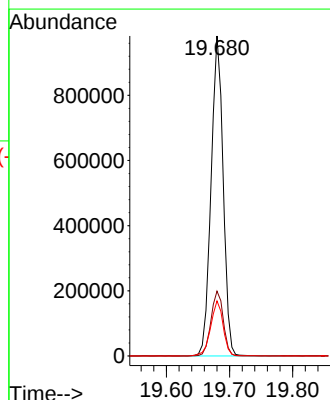
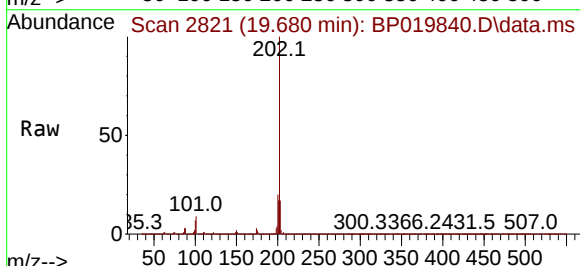
Tgt Ion:202 Resp: 1301194

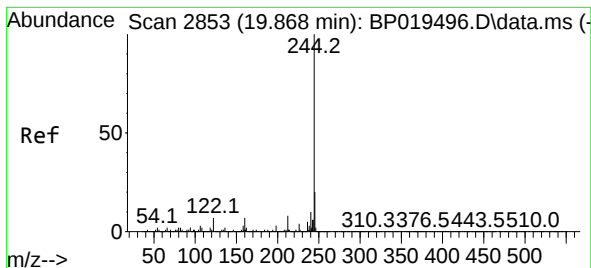
Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 93.800 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

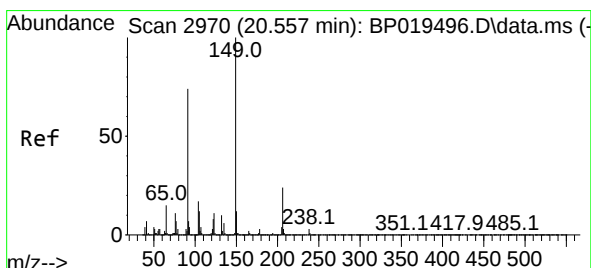
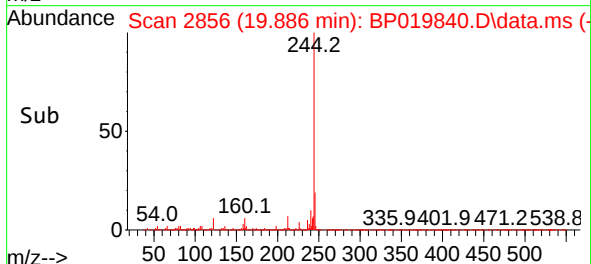
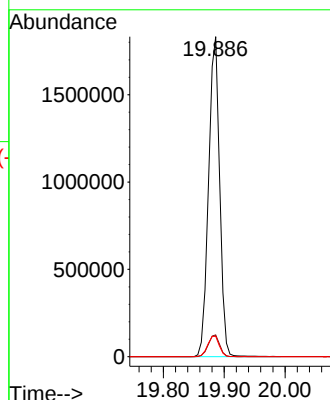
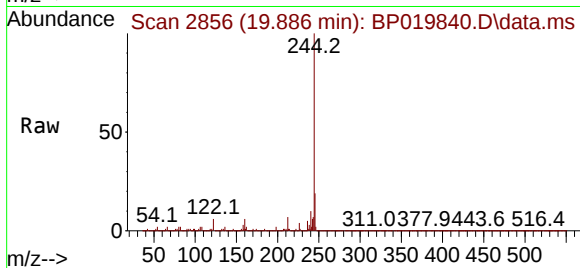
Tgt Ion:244 Resp: 2316225

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

122 6.4 5.9 8.9



#80

Butylbenzylphthalate

Concen: 46.822 ng

RT: 20.568 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

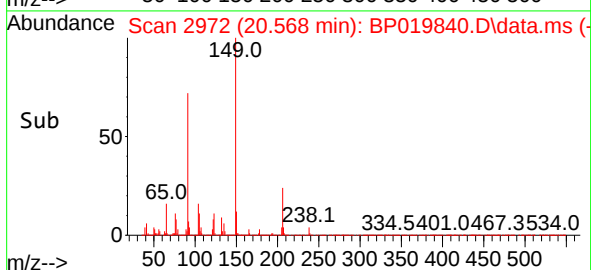
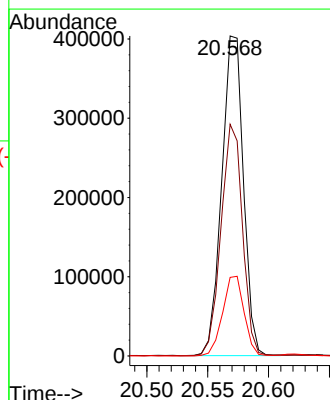
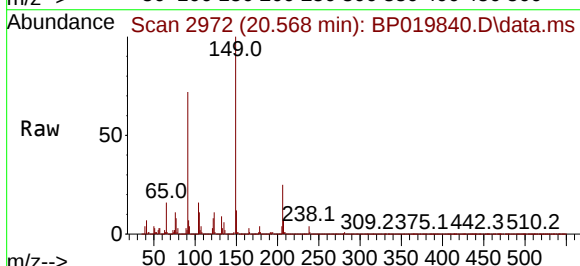
Tgt Ion:149 Resp: 501136

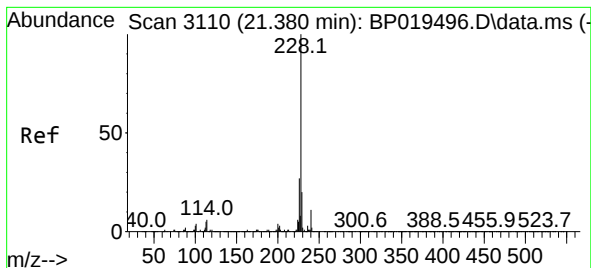
Ion Ratio Lower Upper

149 100

91 72.4 59.4 89.0

206 24.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 45.653 ng

RT: 21.404 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

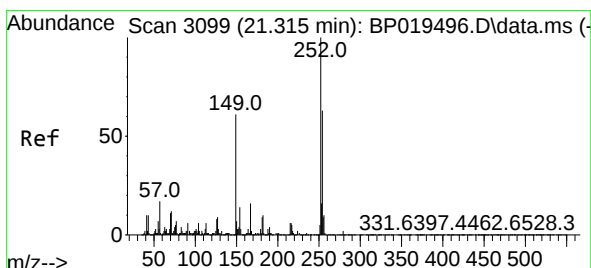
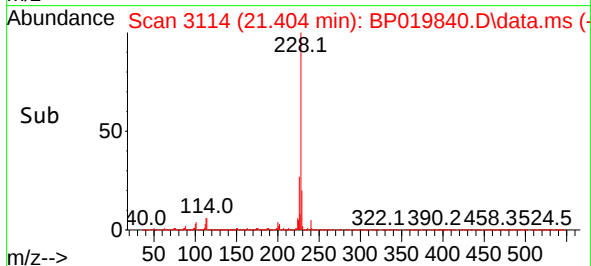
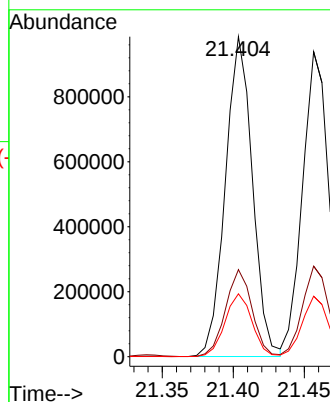
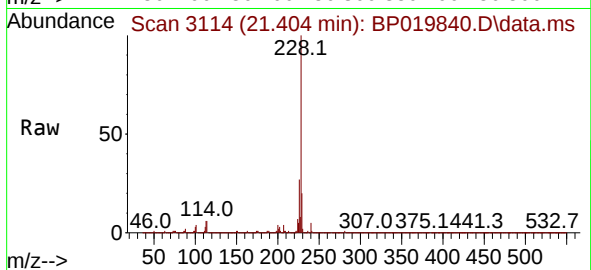
Tgt Ion:228 Resp: 1305035

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.804 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

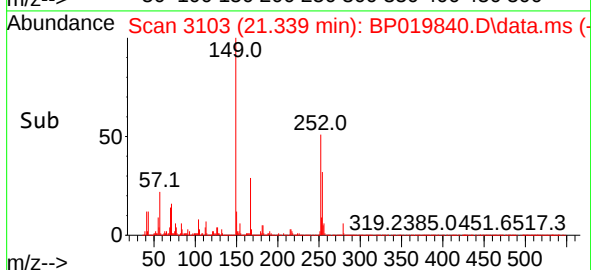
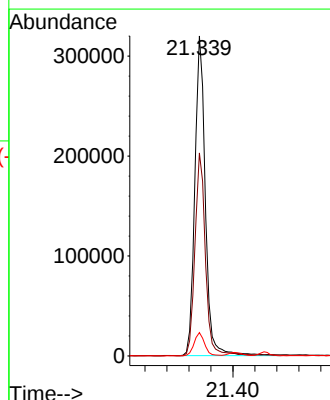
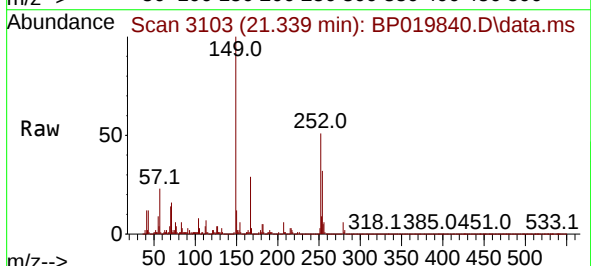
Tgt Ion:252 Resp: 425043

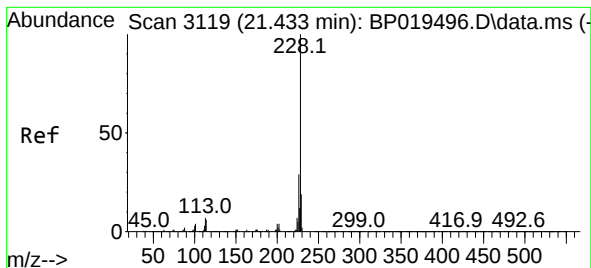
Ion Ratio Lower Upper

252 100

254 63.5 50.7 76.1

126 7.3 6.4 9.6





#83

Chrysene

Concen: 44.343 ng

RT: 21.457 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

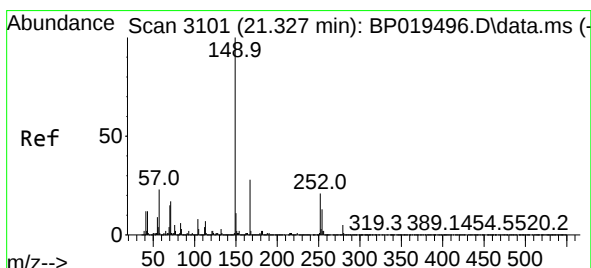
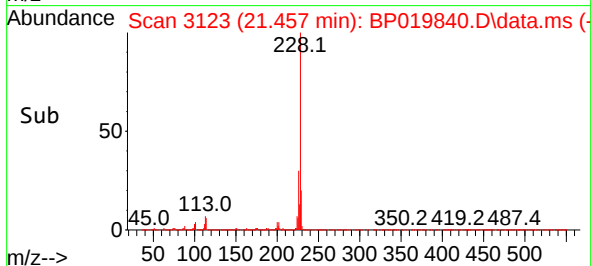
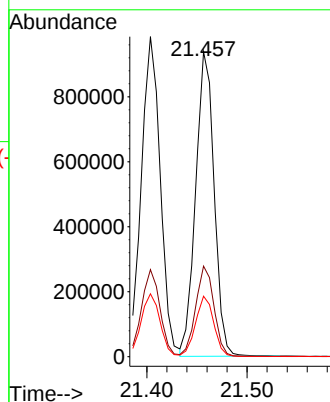
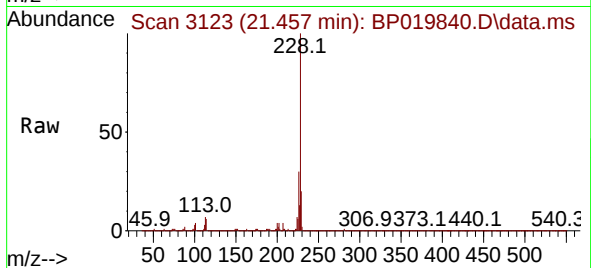
Tgt Ion:228 Resp: 1203461

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.134 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

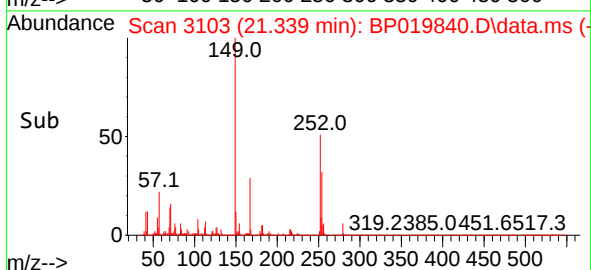
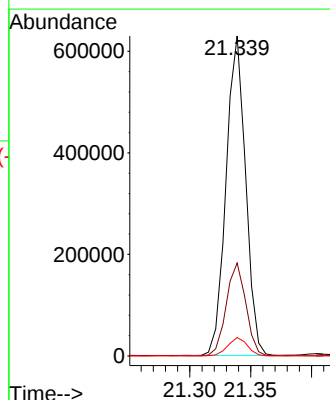
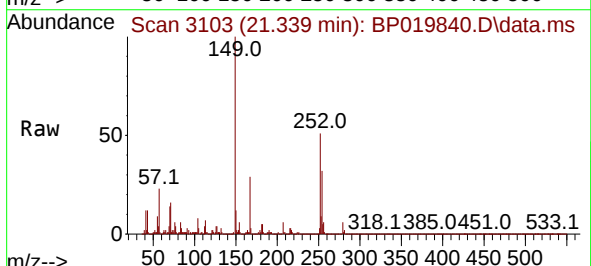
Tgt Ion:149 Resp: 703002

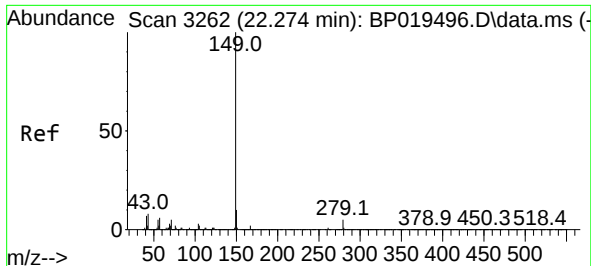
Ion Ratio Lower Upper

149 100

167 29.0 22.7 34.1

279 5.8 4.2 6.2

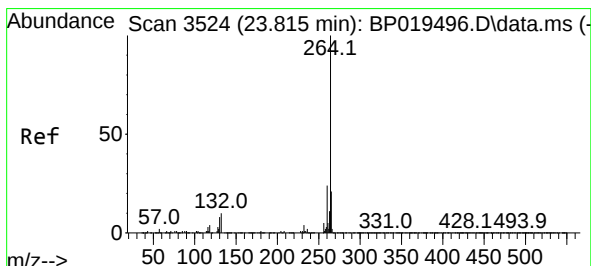
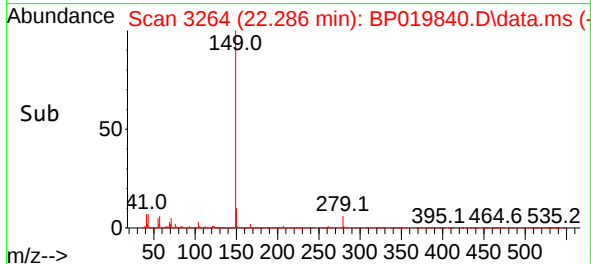
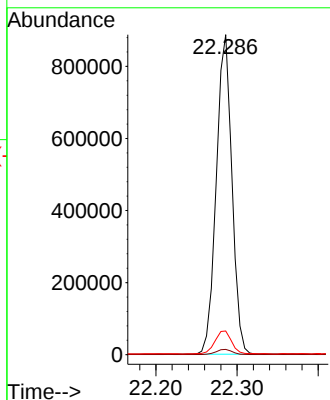
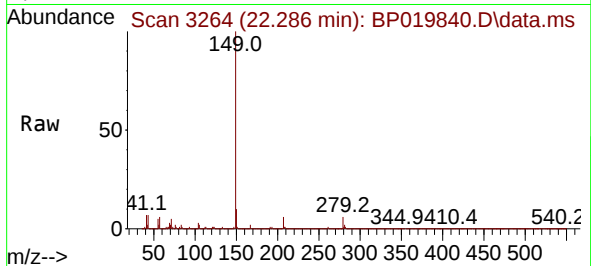




#85
Di-n-octyl phthalate
Concen: 41.454 ng
RT: 22.286 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

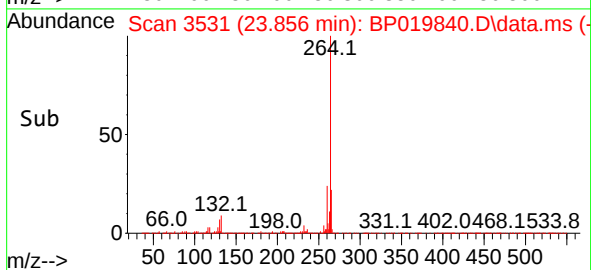
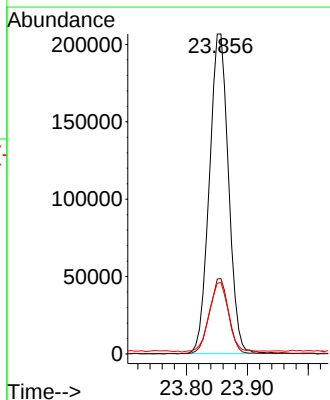
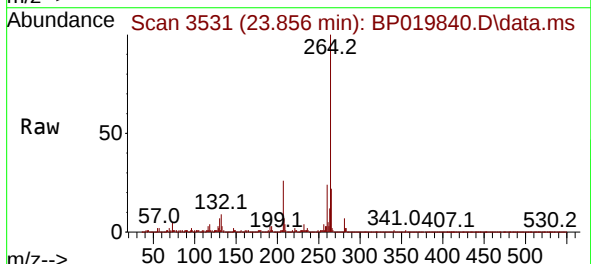
Instrument :
BNA_P
ClientSampleId :
PB159196BS

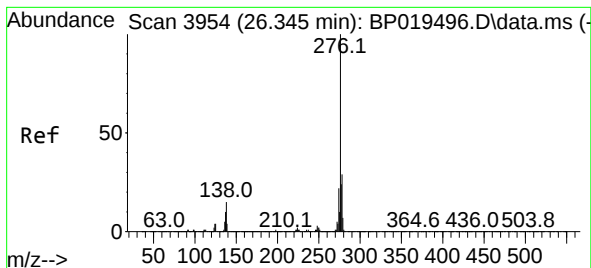
Tgt Ion:149 Resp: 1188689
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.7 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.856 min Scan# 3531
Delta R.T. -0.012 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:264 Resp: 452339
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.831 ng

RT: 26.415 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

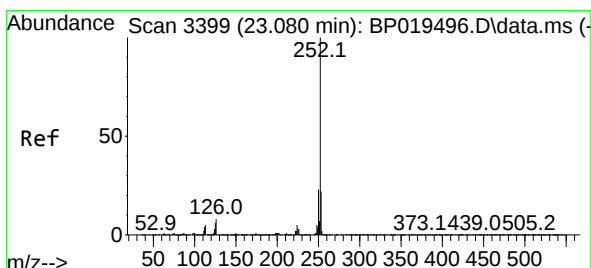
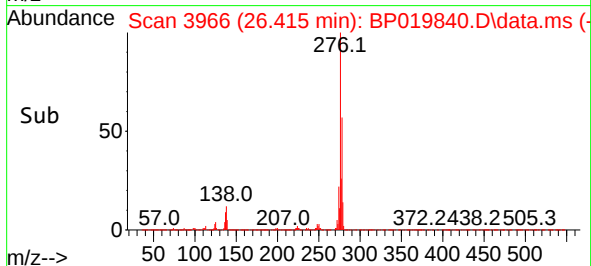
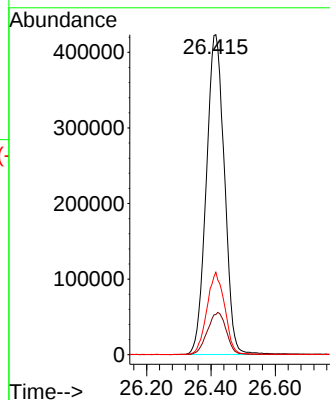
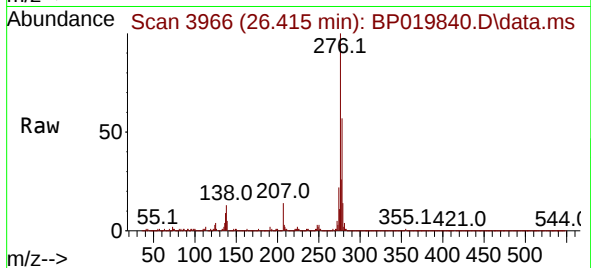
Tgt Ion:276 Resp: 1656132

Ion Ratio Lower Upper

276 100

138 13.7 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.324 ng

RT: 23.109 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

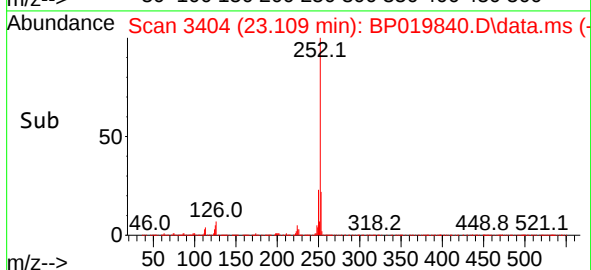
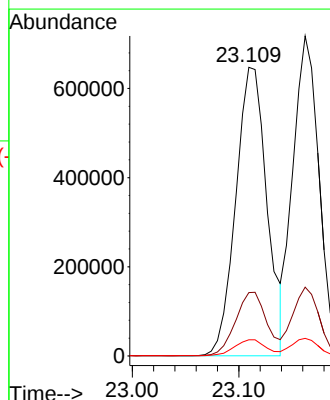
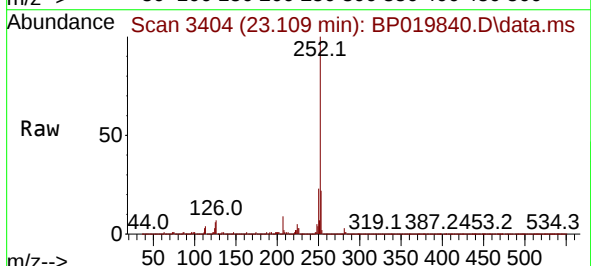
Tgt Ion:252 Resp: 1320631

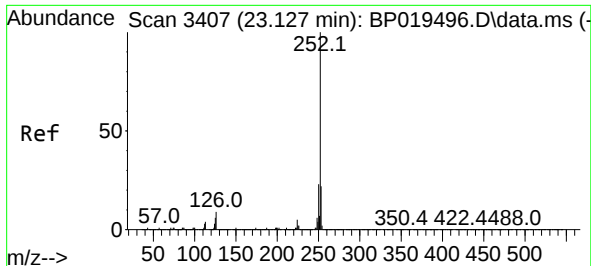
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.6 4.9 7.3

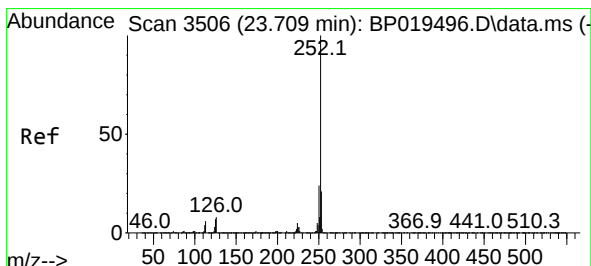
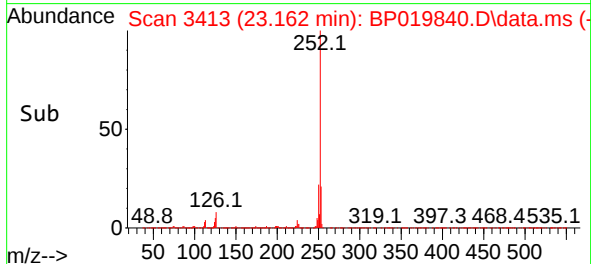
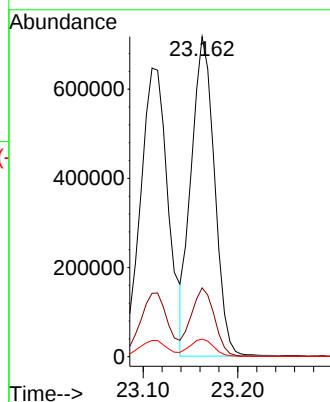
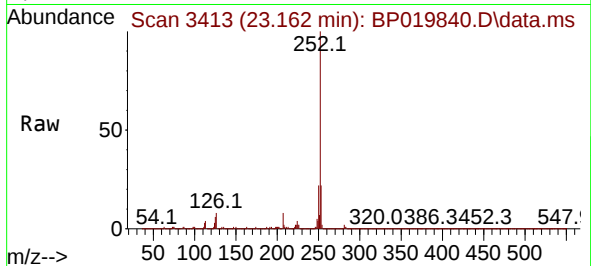




#89
Benzo(k)fluoranthene
Concen: 44.861 ng
RT: 23.162 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

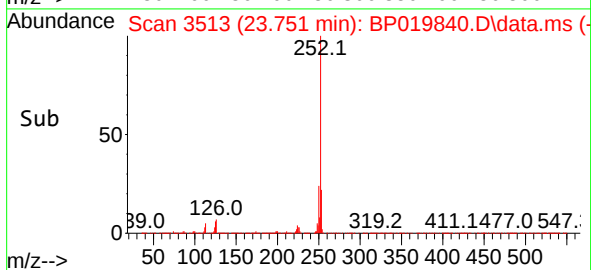
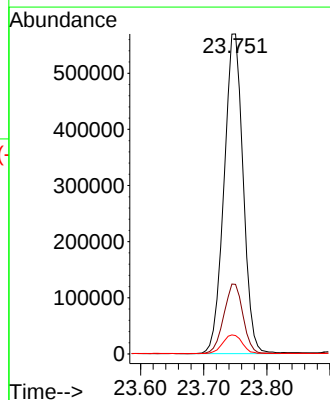
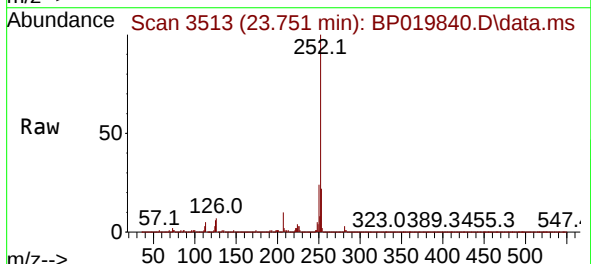
Instrument :
BNA_P
ClientSampleId :
PB159196BS

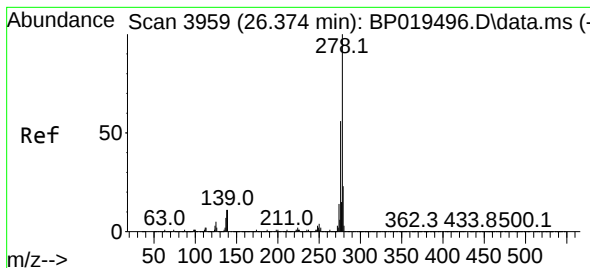
Tgt Ion:252 Resp: 1221680
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 5.5 5.0 7.6



#90
Benzo(a)pyrene
Concen: 47.028 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BP019840.D
Acq: 23 Feb 2024 13:11

Tgt Ion:252 Resp: 1192937
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 5.7 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 47.951 ng

RT: 26.439 min Scan# 3959

Delta R.T. -0.018 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Instrument :

BNA_P

ClientSampleId :

PB159196BS

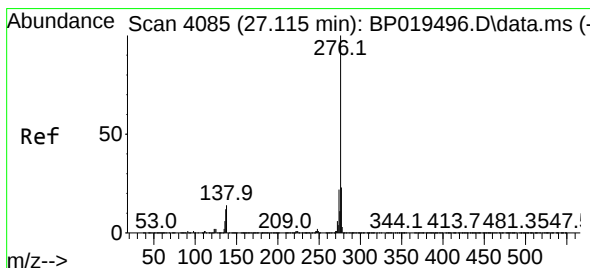
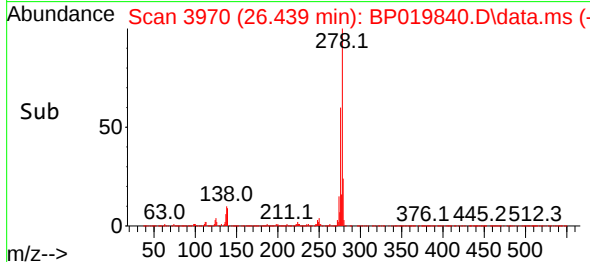
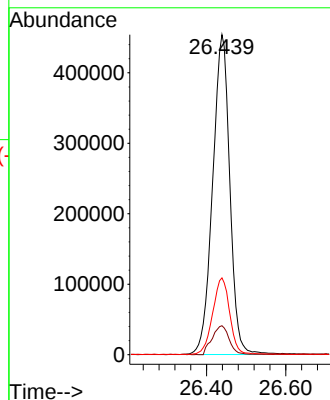
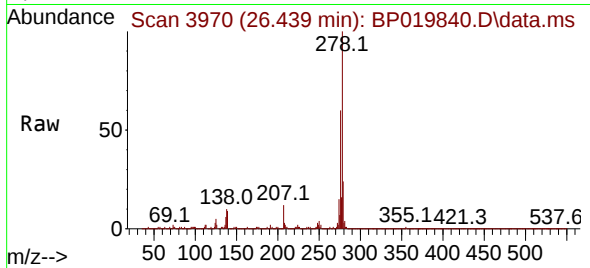
Tgt Ion:278 Resp: 1365517

Ion Ratio Lower Upper

278 100

139 9.0 8.6 12.8

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.530 ng

RT: 27.197 min Scan# 4099

Delta R.T. -0.018 min

Lab File: BP019840.D

Acq: 23 Feb 2024 13:11

Tgt Ion:276 Resp: 1315384

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 11.7 10.9 16.3

