

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019857.D
 Acq On : 24 Feb 2024 12:30
 Operator : MA/JU
 Sample : PB159229BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159229BS

Quant Time: Feb 26 00:08:07 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	7.905	152	92112	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	342896	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	218317	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	496150	20.000	ng	0.00
76) Chrysene-d12	21.416	240	431943	20.000	ng	-0.01
86) Perylene-d12	23.851	264	474560	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	775326	135.679	ng	0.00
7) Phenol-d6	7.087	99	981256	127.351	ng	0.01
23) Nitrobenzene-d5	9.081	82	675665	85.383	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	510175	160.051	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1509239	85.461	ng	0.00
79) Terphenyl-d14	19.880	244	2579476	98.209	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	77603	35.248	ng	99
3) Pyridine	3.781	79	202968	34.004	ng	97
4) n-Nitrosodimethylamine	3.705	42	114233	43.957	ng	96
6) Aniline	7.240	93	211544	28.255	ng	99
8) 2-Chlorophenol	7.469	128	273105	46.551	ng	99
9) Benzaldehyde	7.058	77	84378	15.619	ng	98
10) Phenol	7.110	94	350631	45.658	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	268104	44.874	ng	99
12) 1,3-Dichlorobenzene	7.793	146	309239	43.077	ng	96
13) 1,4-Dichlorobenzene	7.940	146	319595	43.942	ng	99
14) 1,2-Dichlorobenzene	8.252	146	302027	42.920	ng	98
15) Benzyl Alcohol	8.157	79	284300	46.179	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	272785	45.658	ng	99
17) 2-Methylphenol	8.357	107	231749	44.824	ng	100
18) Hexachloroethane	8.969	117	121853	43.224	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	224116	42.584	ng	99
20) 3+4-Methylphenols	8.693	107	311983	44.215	ng	97
22) Acetophenone	8.740	105	430485	44.068	ng	# 97
24) Nitrobenzene	9.122	77	333229	41.823	ng	99
25) Isophorone	9.646	82	603928	43.822	ng	98
26) 2-Nitrophenol	9.828	139	149049	49.062	ng	98
27) 2,4-Dimethylphenol	9.893	122	200528	51.621	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	345923	44.364	ng	99
29) 2,4-Dichlorophenol	10.363	162	274234	46.700	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	317046	44.034	ng	99
31) Naphthalene	10.757	128	807553	42.940	ng	100
32) Benzoic acid	10.063	122	188442	49.789	ng	96
33) 4-Chloroaniline	10.881	127	103928	14.943	ng	96
34) Hexachlorobutadiene	11.022	225	229807	43.071	ng	98
35) Caprolactam	11.698	113	82575	49.673	ng	94
36) 4-Chloro-3-methylphenol	12.010	107	302010	47.167	ng	99
37) 2-Methylnaphthalene	12.369	142	561821	43.168	ng	99
38) 1-Methylnaphthalene	12.587	142	540043	42.224	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	391741	46.527	ng	98
41) Hexachlorocyclopentadiene	12.698	237	431250	113.380	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	248410	48.724	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019857.D
 Acq On : 24 Feb 2024 12:30
 Operator : MA/JU
 Sample : PB159229BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159229BS

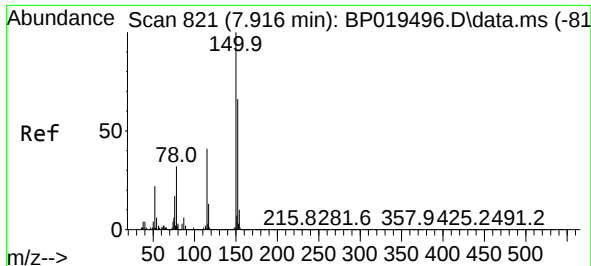
Quant Time: Feb 26 00:08:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	269102	48.068	ng	98
46) 1,1'-Biphenyl	13.381	154	764310	43.864	ng	99
47) 2-Chloronaphthalene	13.422	162	609606	42.619	ng	99
48) 2-Nitroaniline	13.640	65	198413	49.608	ng	97
49) Acenaphthylene	14.269	152	975125	48.593	ng	99
50) Dimethylphthalate	14.016	163	791113	47.336	ng	99
51) 2,6-Dinitrotoluene	14.145	165	172147	46.882	ng	93
52) Acenaphthene	14.610	154	543130	43.608	ng	99
53) 3-Nitroaniline	14.475	138	116136	34.416	ng	98
54) 2,4-Dinitrophenol	14.692	184	229489	120.372	ng	97
55) Dibenzofuran	14.945	168	935606	46.122	ng	98
56) 4-Nitrophenol	14.792	139	268072	96.921	ng	97
57) 2,4-Dinitrotoluene	14.934	165	245377	50.995	ng	96
58) Fluorene	15.598	166	755449	46.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	248403	52.751	ng	97
60) Diethylphthalate	15.381	149	792480	47.672	ng	99
61) 4-Chlorophenyl-phenylether	15.598	204	426187	46.932	ng	95
62) 4-Nitroaniline	15.639	138	164634	46.545	ng	99
63) Azobenzene	15.892	77	745026	46.347	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	152313	53.838	ng	98
66) n-Nitrosodiphenylamine	15.816	169	659985	44.416	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	280882	45.285	ng	96
68) Hexachlorobenzene	16.598	284	324962	44.865	ng	97
69) Atrazine	16.781	200	246129	49.917	ng	96
70) Pentachlorophenol	16.957	266	429292	95.174	ng	99
71) Phenanthrene	17.351	178	1205745	46.178	ng	99
72) Anthracene	17.445	178	1211778	46.523	ng	99
73) Carbazole	17.722	167	1062758	44.913	ng	99
74) Di-n-butylphthalate	18.275	149	1333583	46.611	ng	99
75) Fluoranthene	19.327	202	1459605	45.760	ng	100
77) Benzidine	19.516	184	419378	46.440	ng	100
78) Pyrene	19.680	202	1473120	48.323	ng	99
80) Butylbenzylphthalate	20.569	149	564793	49.611	ng	97
81) Benzo(a)anthracene	21.398	228	1410737	46.397	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	477364	43.084	ng	99
83) Chrysene	21.457	228	1322140	45.801	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	792070	45.691	ng	100
85) Di-n-octyl phthalate	22.280	149	1333801	43.730	ng	100
87) Indeno(1,2,3-cd)pyrene	26.409	276	1791853	49.327	ng	98
88) Benzo(b)fluoranthene	23.110	252	1401220	46.849	ng	99
89) Benzo(k)fluoranthene	23.163	252	1368027	47.883	ng	99
90) Benzo(a)pyrene	23.745	252	1288448	48.415	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	1497687	50.129	ng	97
92) Benzo(g,h,i)perylene	27.198	276	1425744	47.039	ng	98

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

Quant Time: Feb 26 00:08:07 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

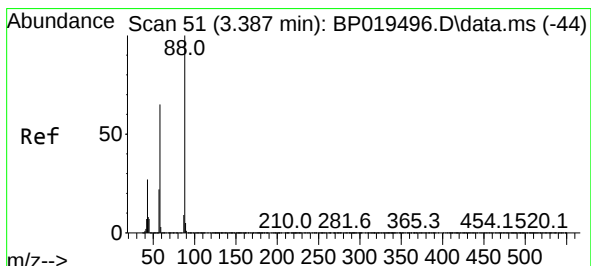
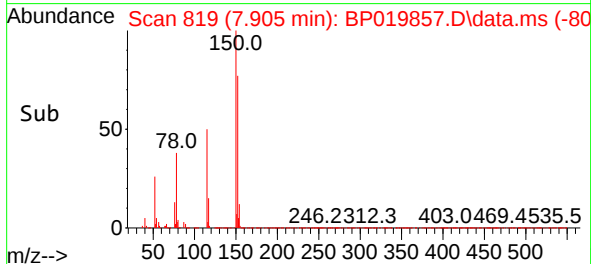
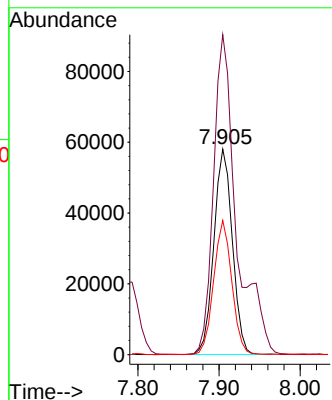
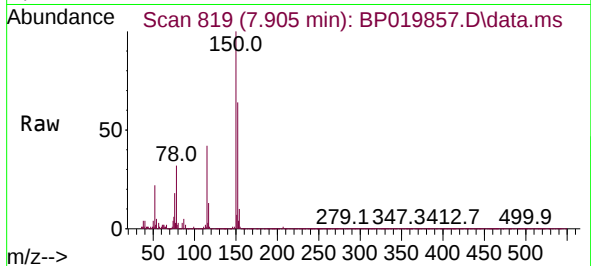




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BP019857.D
 Acq: 24 Feb 2024 12:30

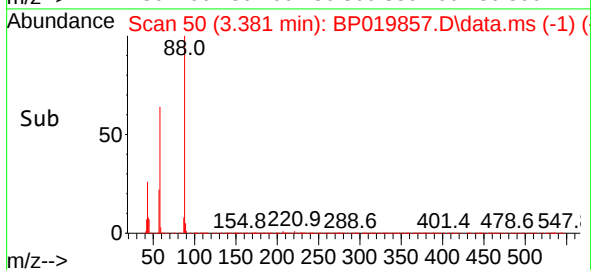
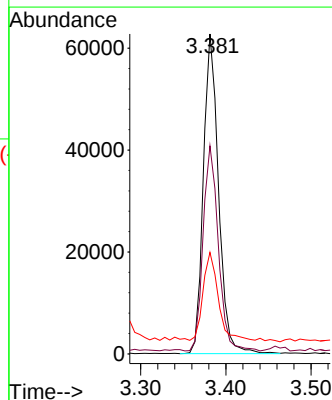
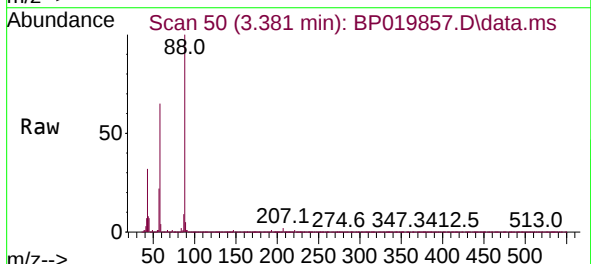
Instrument :
 BNA_P
 ClientSampleId :
 PB159229BS

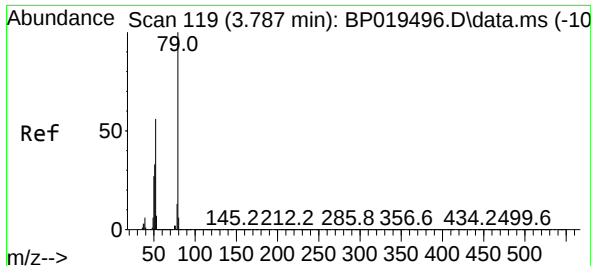
Tgt Ion:152 Resp: 92112
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.8 182.8
 115 65.3 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.248 ng
 RT: 3.381 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BP019857.D
 Acq: 24 Feb 2024 12:30

Tgt Ion: 88 Resp: 77603
 Ion Ratio Lower Upper
 88 100
 58 64.5 52.6 78.8
 43 27.2 21.9 32.9

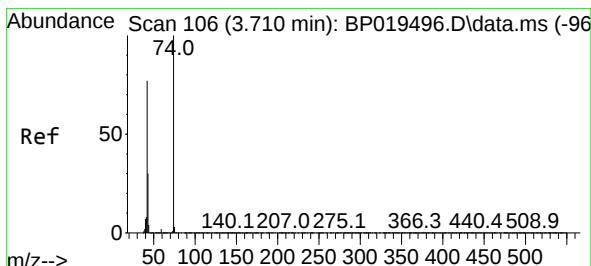
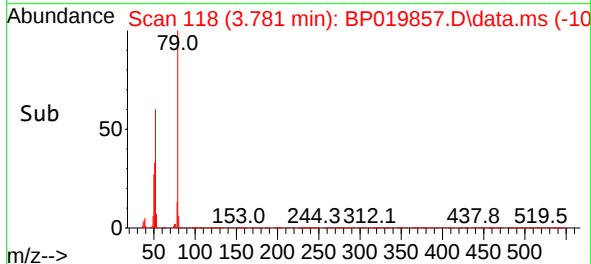
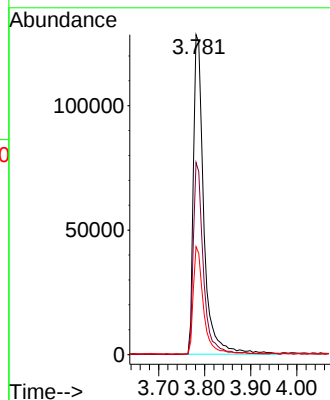
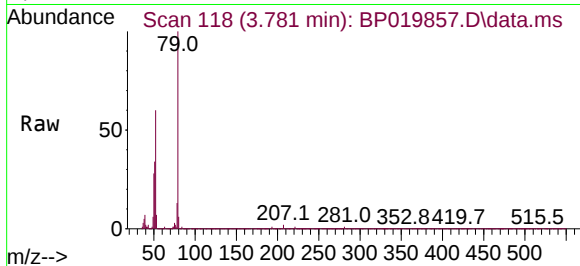




#3
Pyridine
Concen: 34.004 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

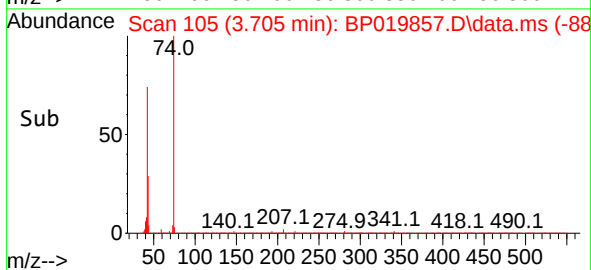
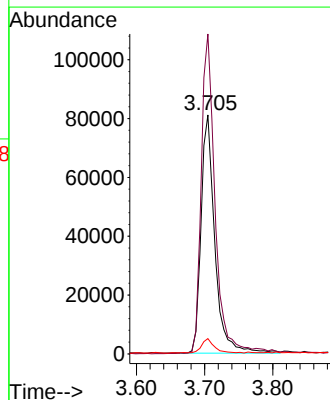
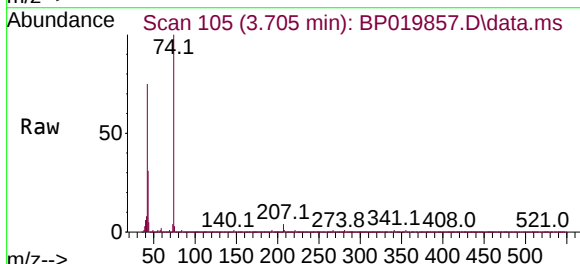
Instrument :
BNA_P
ClientSampleId :
PB159229BS

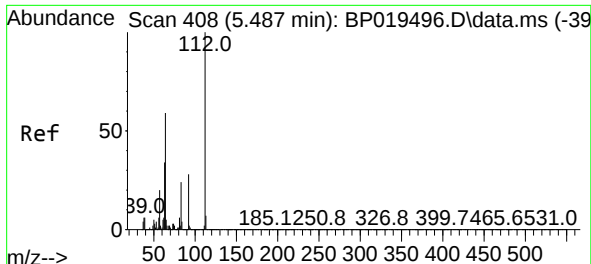
Tgt Ion: 79 Resp: 202968
Ion Ratio Lower Upper
79 100
52 60.0 45.0 67.6
51 33.7 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 43.957 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 42 Resp: 114233
Ion Ratio Lower Upper
42 100
74 133.9 103.4 155.2
44 6.4 4.8 7.2

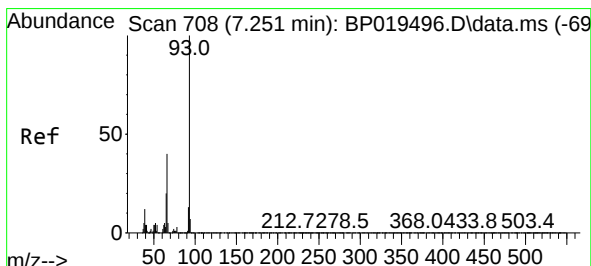
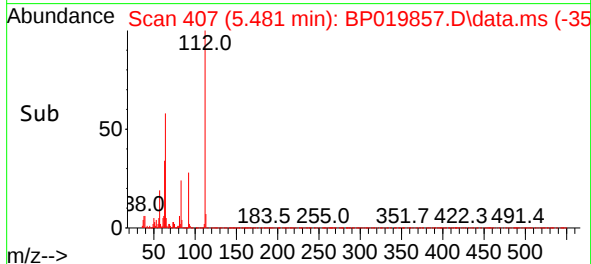
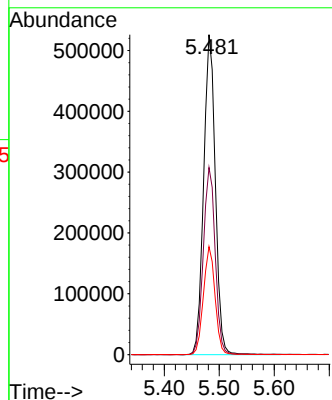
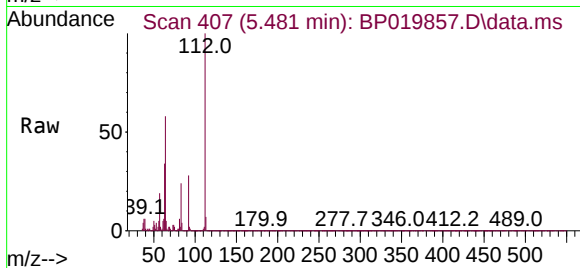




#5
2-Fluorophenol
Concen: 135.679 ng
RT: 5.481 min Scan# 408
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

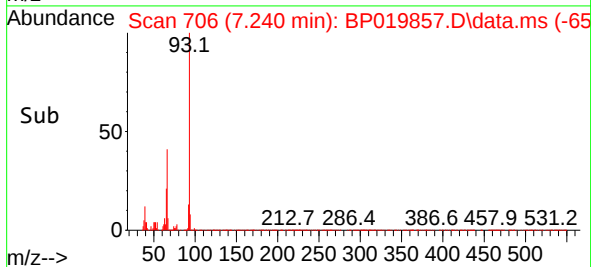
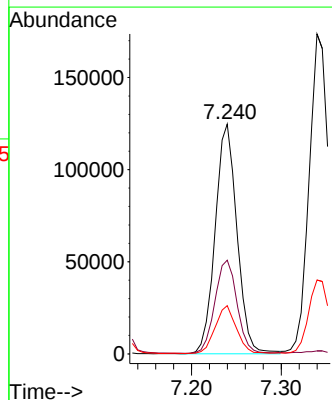
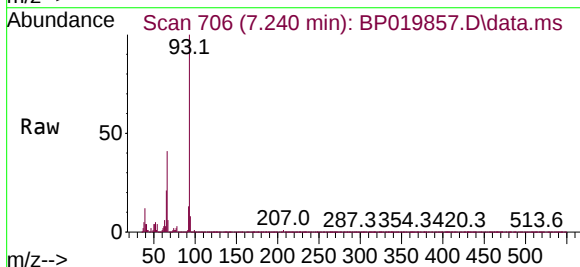
Instrument :
BNA_P
ClientSampleId :
PB159229BS

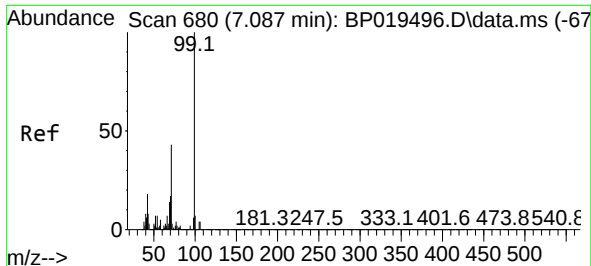
Tgt Ion:112 Resp: 775326
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.0
63 33.7 27.0 40.6



#6
Aniline
Concen: 28.255 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 93 Resp: 211544
Ion Ratio Lower Upper
93 100
66 40.8 32.3 48.5
65 21.0 16.4 24.6

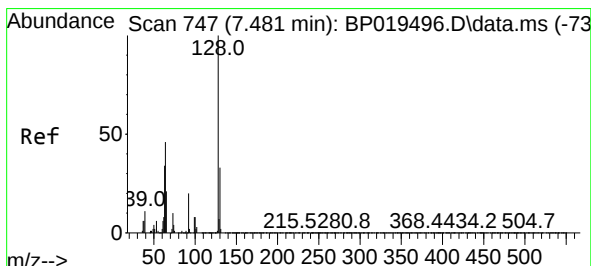
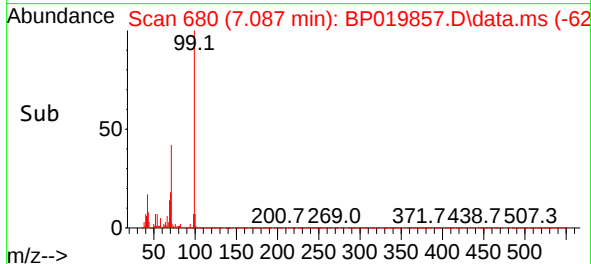
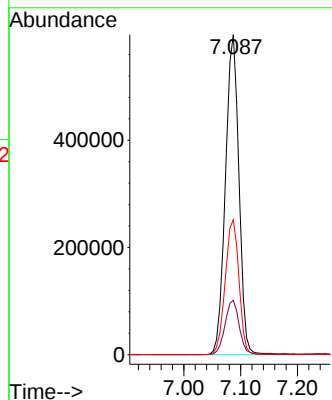
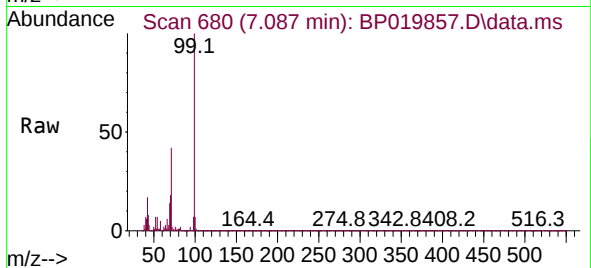




#7
Phenol-d6
Concen: 127.351 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.012 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

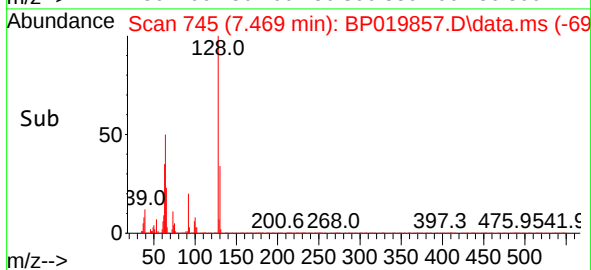
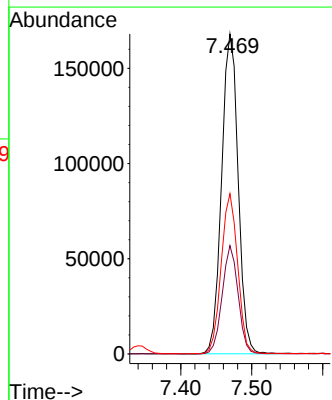
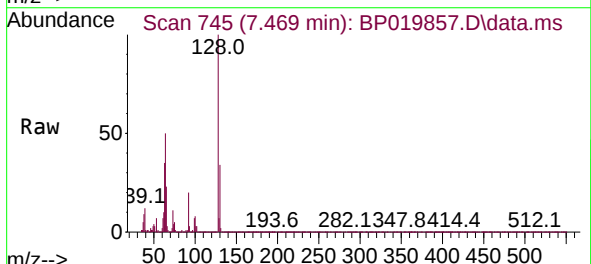
Instrument :
BNA_P
ClientSampleId :
PB159229BS

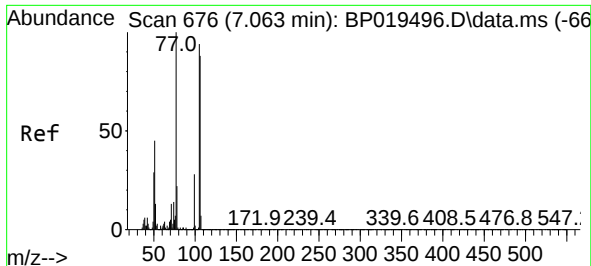
Tgt Ion: 99 Resp: 981256
Ion Ratio Lower Upper
99 100
42 17.0 14.7 22.1
71 42.1 34.8 52.2



#8
2-Chlorophenol
Concen: 46.551 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 128 Resp: 273105
Ion Ratio Lower Upper
128 100
130 33.8 13.3 53.3
64 50.1 29.7 69.7

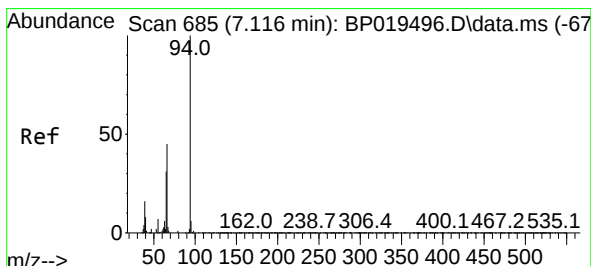
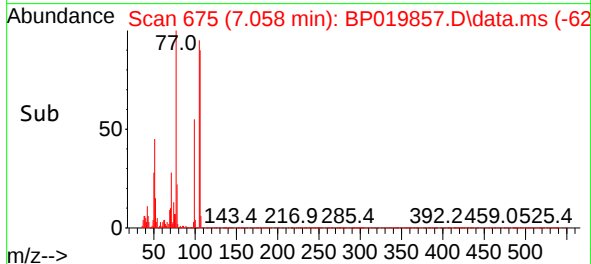
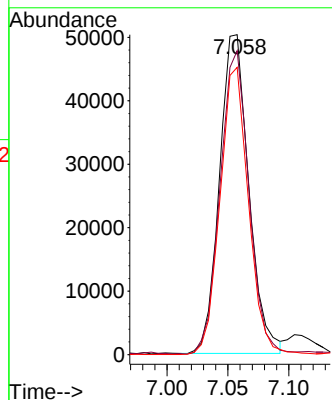
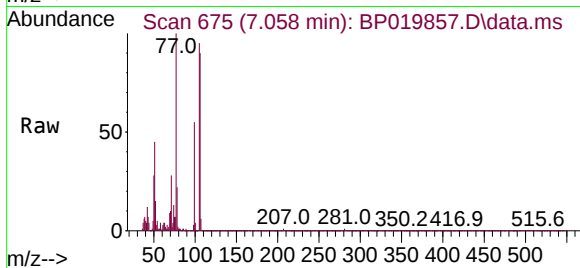




#9
Benzaldehyde
Concen: 15.619 ng
RT: 7.058 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

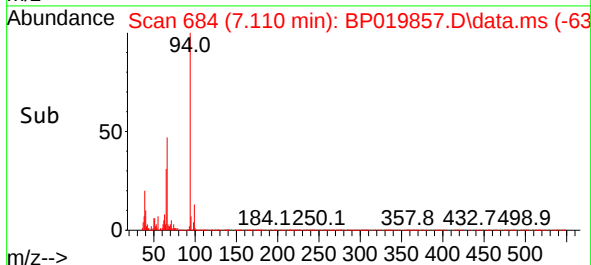
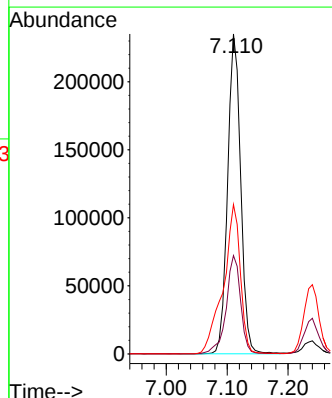
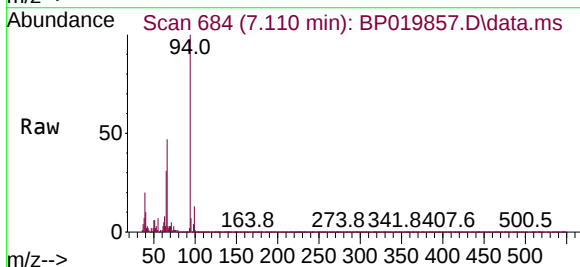
Instrument :
BNA_P
ClientSampleId :
PB159229BS

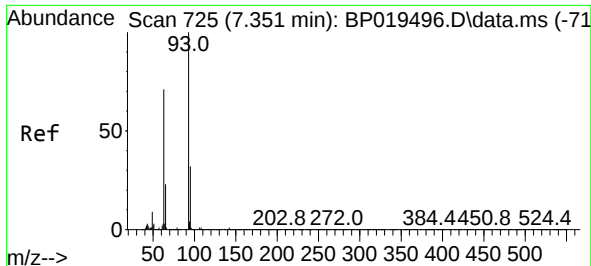
Tgt Ion: 77 Resp: 84378
Ion Ratio Lower Upper
77 100
105 95.0 74.0 114.0
106 89.8 67.8 107.8



#10
Phenol
Concen: 45.658 ng
RT: 7.110 min Scan# 684
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 94 Resp: 350631
Ion Ratio Lower Upper
94 100
65 30.8 11.3 51.3
66 46.7 25.1 65.1

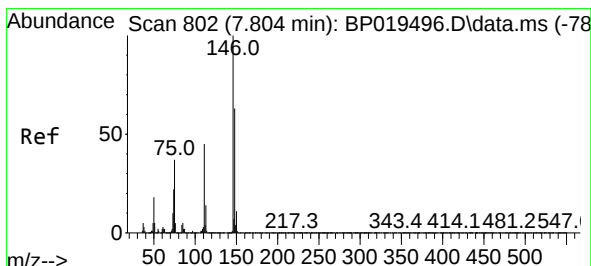
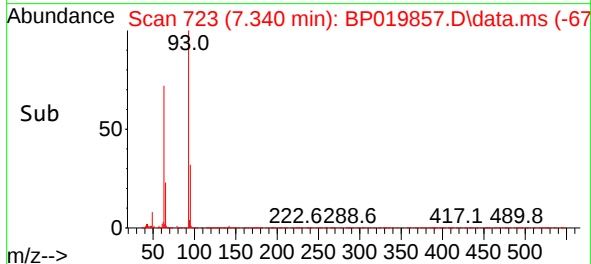
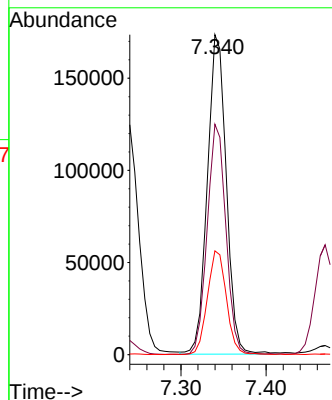
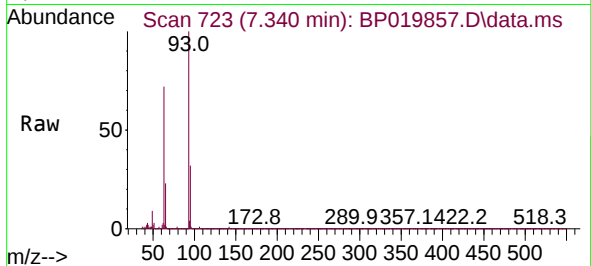




#11
bis(2-Chloroethyl)ether
Concen: 44.874 ng
RT: 7.340 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

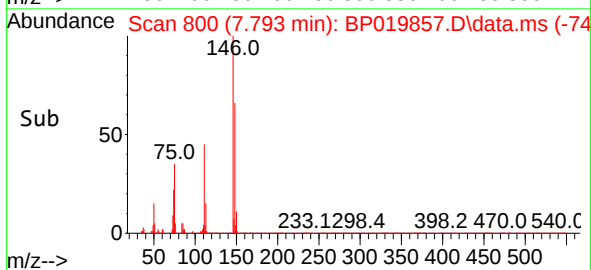
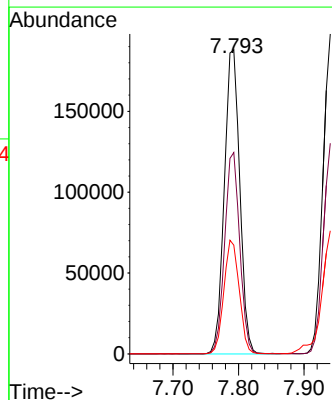
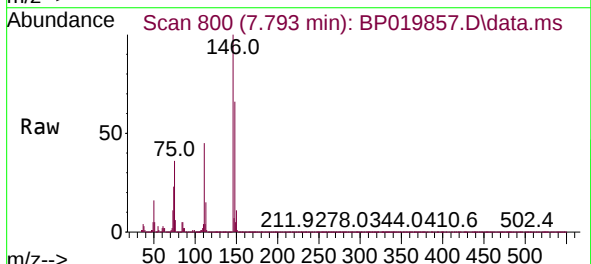
Instrument :
BNA_P
ClientSampleId :
PB159229BS

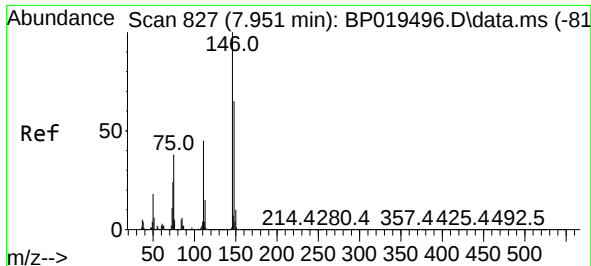
Tgt Ion: 93 Resp: 268104
Ion Ratio Lower Upper
93 100
63 72.0 51.2 91.2
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.077 ng
RT: 7.793 min Scan# 800
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:146 Resp: 309239
Ion Ratio Lower Upper
146 100
148 66.2 50.4 75.6
75 35.8 29.9 44.9

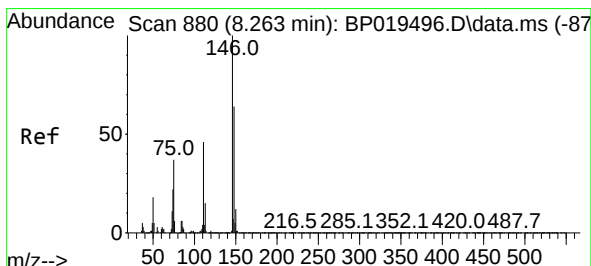
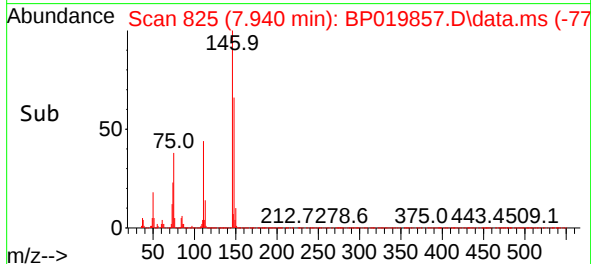
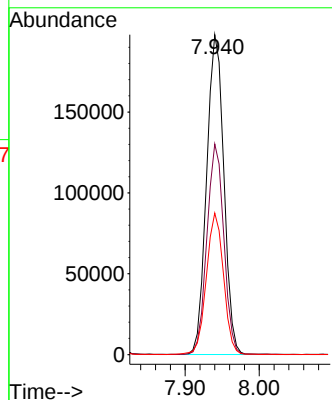
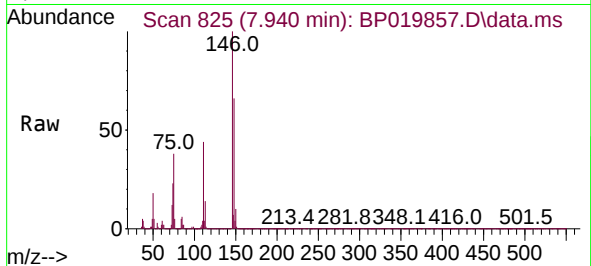




#13
1,4-Dichlorobenzene
Concen: 43.942 ng
RT: 7.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

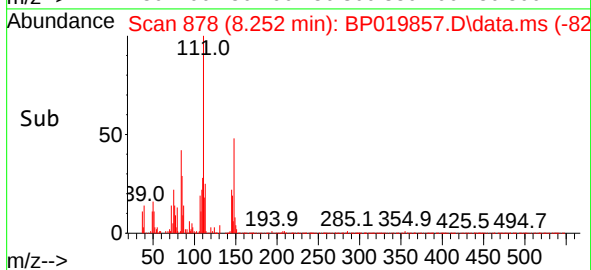
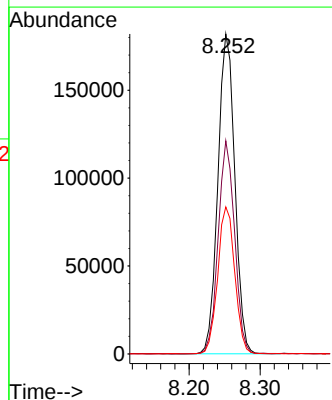
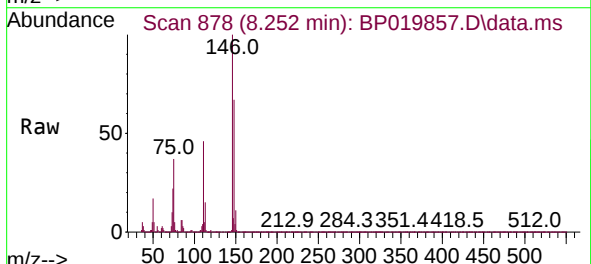
Instrument :
BNA_P
ClientSampleId :
PB159229BS

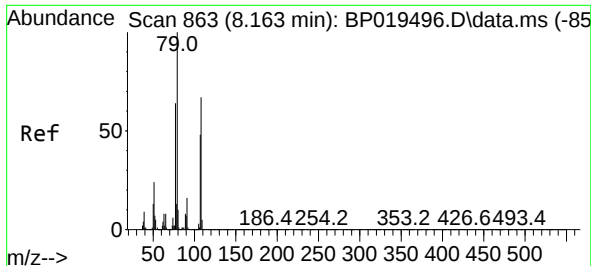
Tgt Ion:146 Resp: 319595
Ion Ratio Lower Upper
146 100
148 65.8 51.9 77.9
111 44.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 42.920 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:146 Resp: 302027
Ion Ratio Lower Upper
146 100
148 66.6 51.4 77.0
111 45.9 37.0 55.6

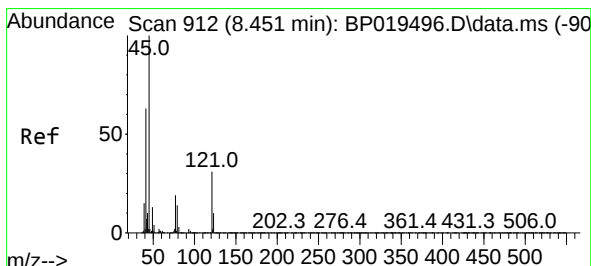
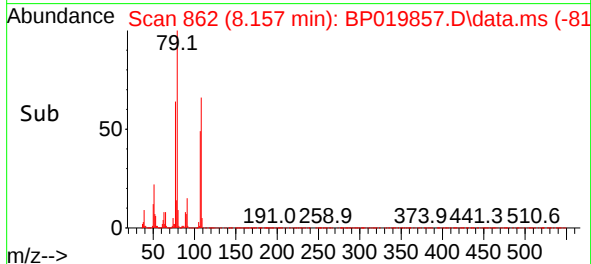
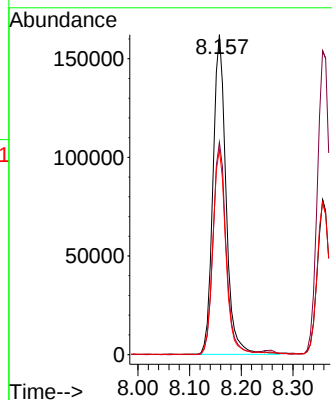
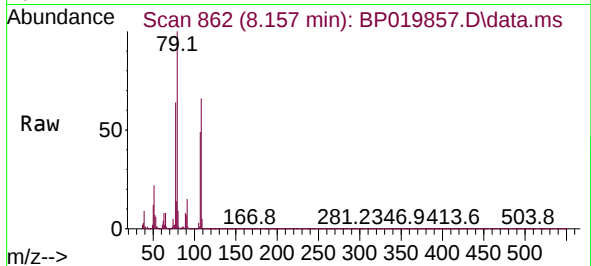




#15
Benzyl Alcohol
Concen: 46.179 ng
RT: 8.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

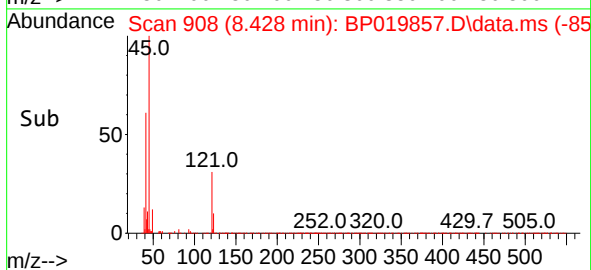
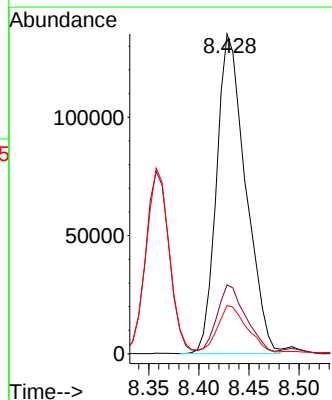
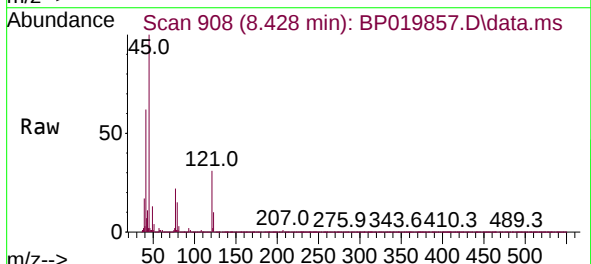
Instrument :
BNA_P
ClientSampleId :
PB159229BS

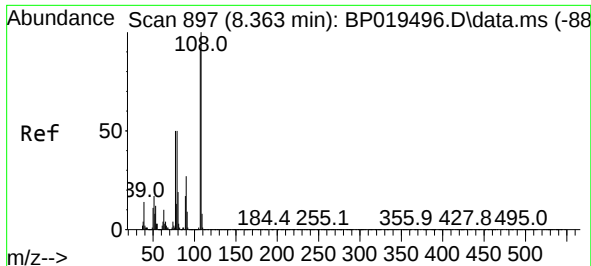
Tgt Ion: 79 Resp: 284300
Ion Ratio Lower Upper
79 100
108 66.4 53.8 80.6
77 64.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.658 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 45 Resp: 272785
Ion Ratio Lower Upper
45 100
77 21.6 0.8 40.8
79 15.1 0.0 35.5

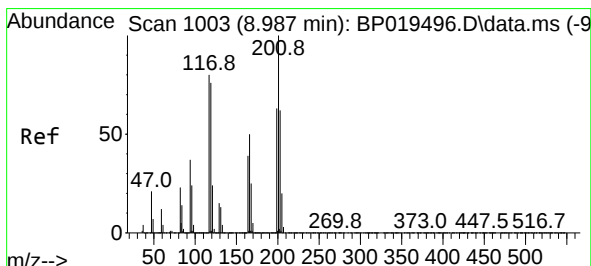
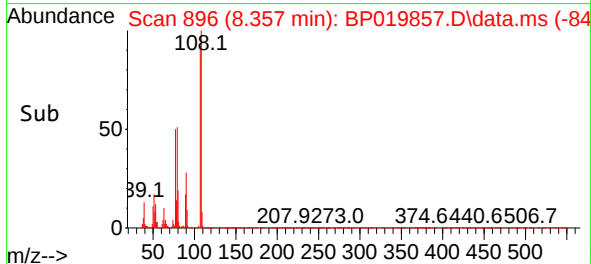
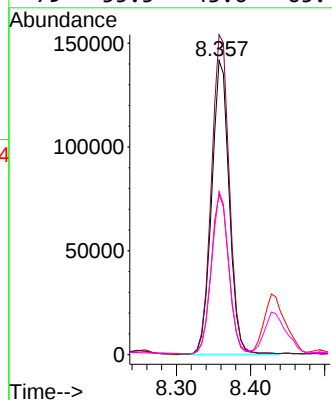
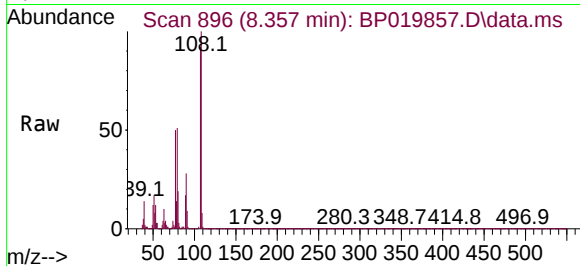




#17
2-Methylphenol
Concen: 44.824 ng
RT: 8.357 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

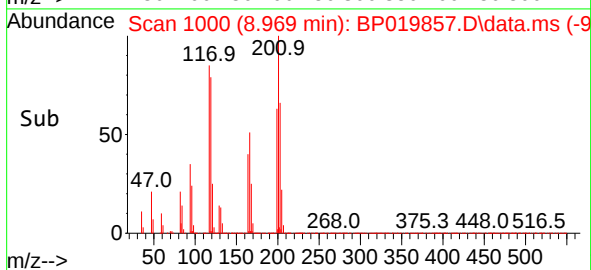
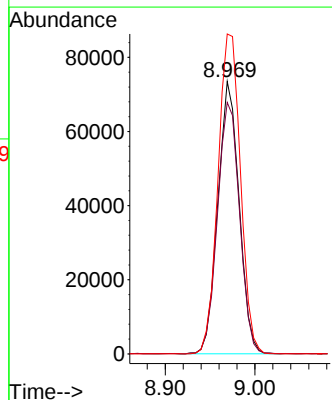
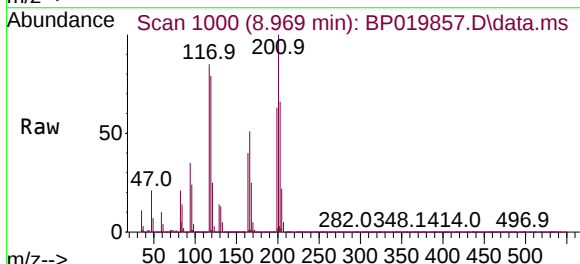
Instrument :
BNA_P
ClientSampleId :
PB159229BS

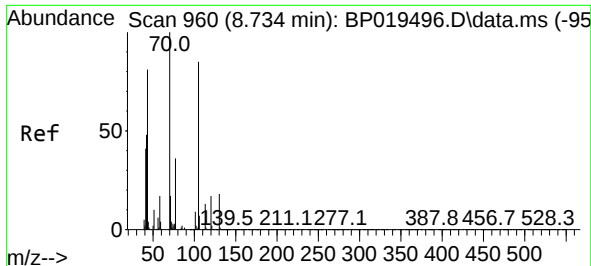
Tgt Ion:	107	Resp:	231749
Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.0	130.6
77	54.5	43.5	65.3
79	55.5	43.6	65.4



#18
Hexachloroethane
Concen: 43.224 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:	117	Resp:	121853
Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.5	113.3
201	117.5	99.4	149.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.584 ng

RT: 8.722 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

Tgt Ion: 70 Resp: 224116

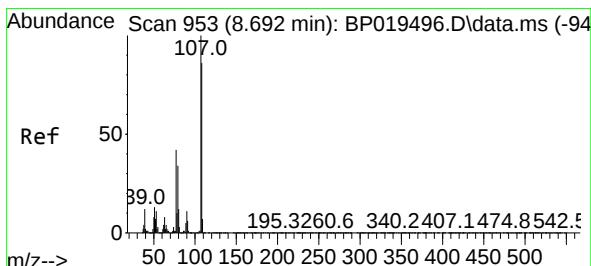
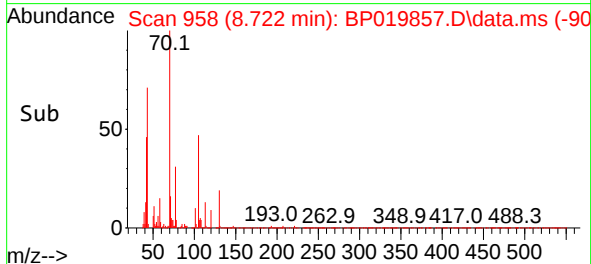
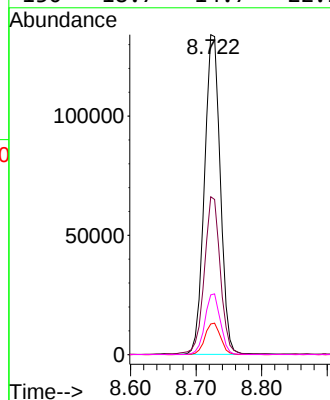
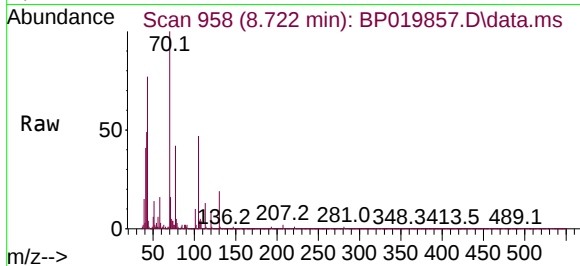
Ion Ratio Lower Upper

70 100

42 49.3 39.2 58.8

101 9.6 7.3 10.9

130 18.7 14.7 22.1



#20

3+4-Methylphenols

Concen: 44.215 ng

RT: 8.693 min Scan# 953

Delta R.T. 0.012 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Tgt Ion: 107 Resp: 311983

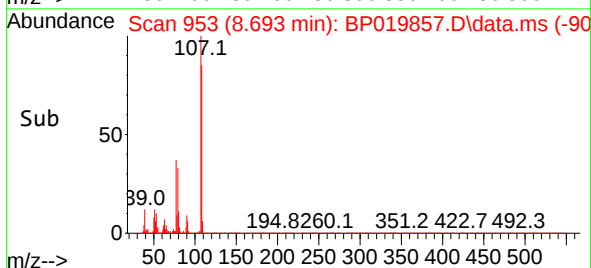
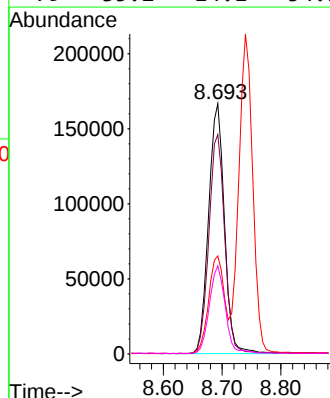
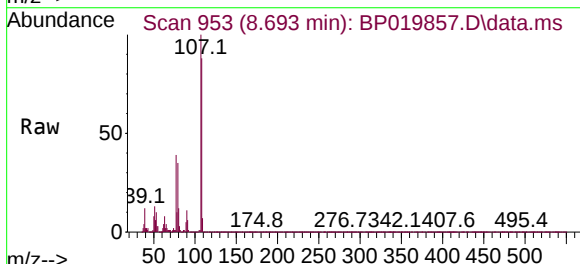
Ion Ratio Lower Upper

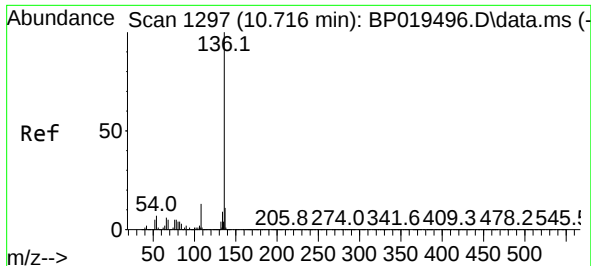
107 100

108 87.7 65.5 105.5

77 39.2 21.8 61.8

79 35.2 14.1 54.1

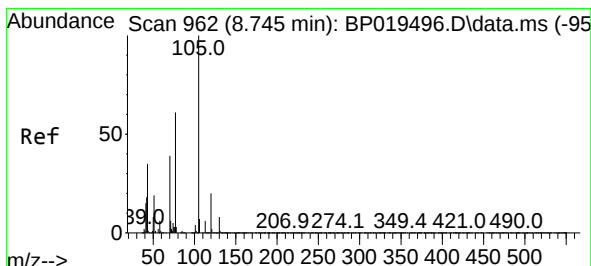
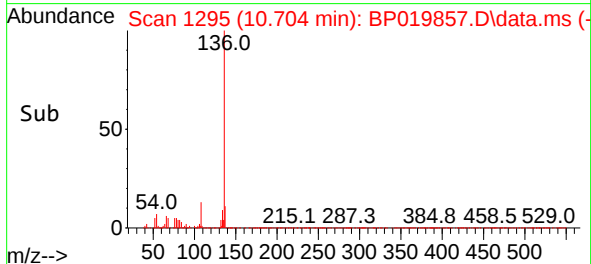
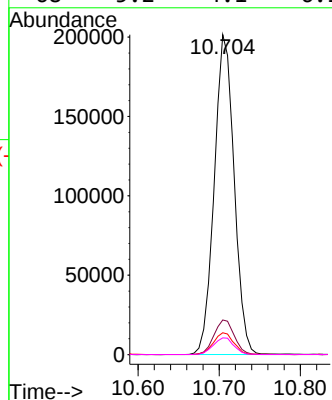
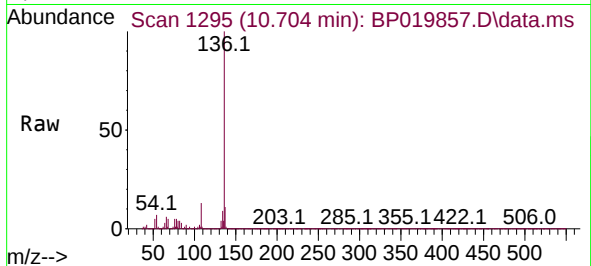




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

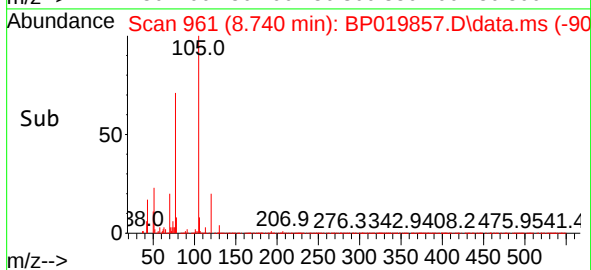
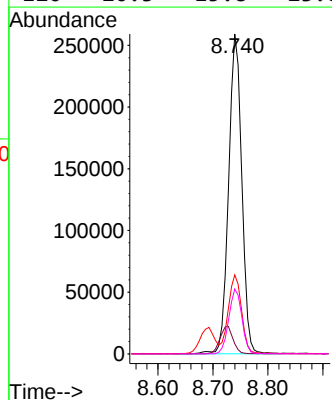
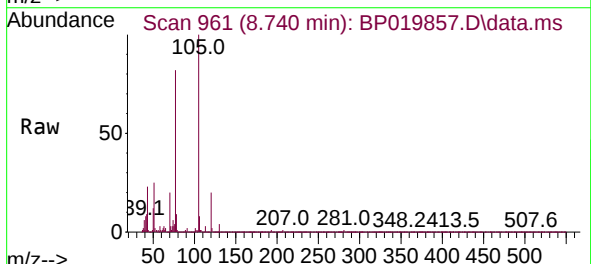
Instrument :
BNA_P
ClientSampleId :
PB159229BS

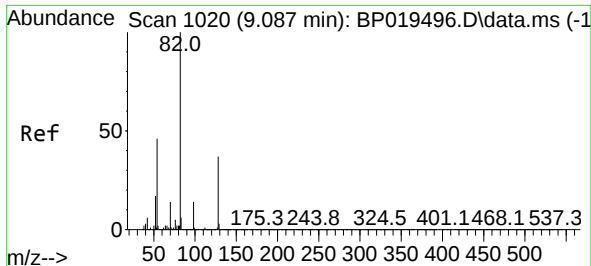
Tgt Ion:	136	Resp:	342896
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.3	7.9
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 44.068 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:	105	Resp:	430485
Ion	Ratio	Lower	Upper
105	100		
71	3.2	4.9	7.3
51	24.7	20.7	31.1
120	20.3	15.8	23.8

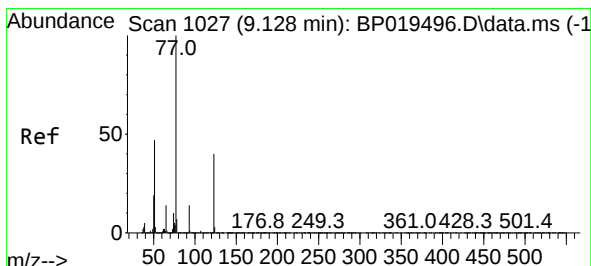
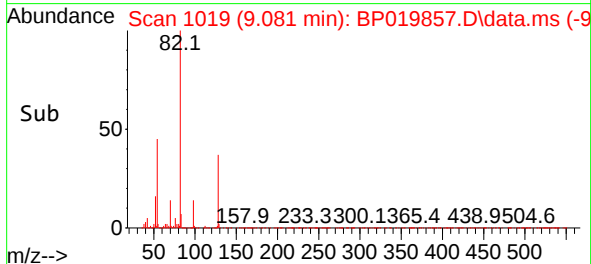
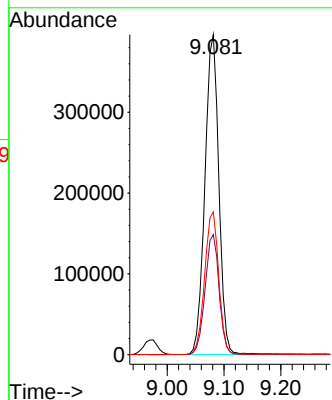
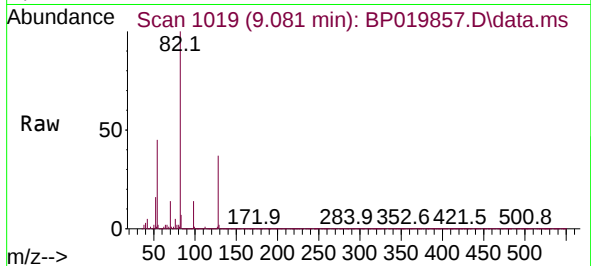




#23
Nitrobenzene-d5
Concen: 85.383 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

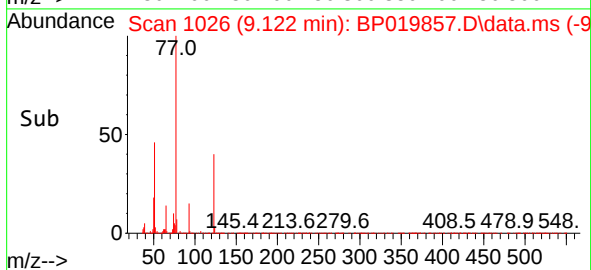
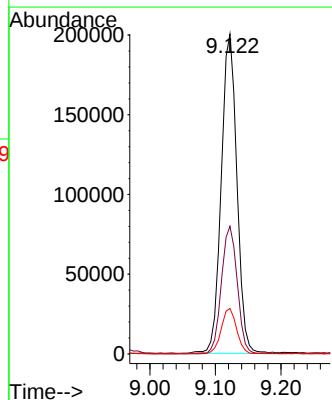
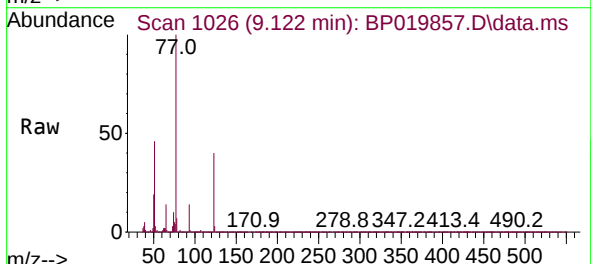
Instrument :
BNA_P
ClientSampleId :
PB159229BS

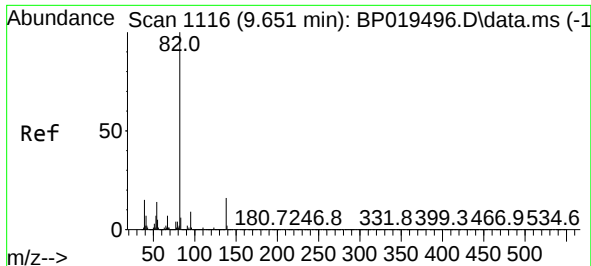
Tgt Ion: 82 Resp: 675665
Ion Ratio Lower Upper
82 100
128 37.5 29.7 44.5
54 44.6 36.8 55.2



#24
Nitrobenzene
Concen: 41.823 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 77 Resp: 333229
Ion Ratio Lower Upper
77 100
123 39.9 32.3 48.5
65 14.2 11.6 17.4

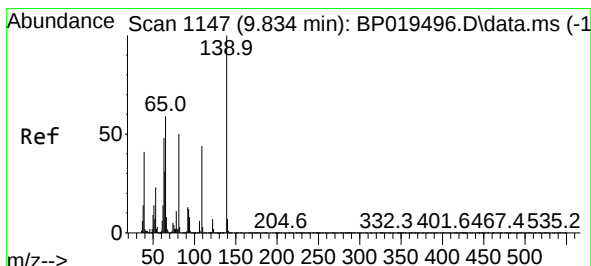
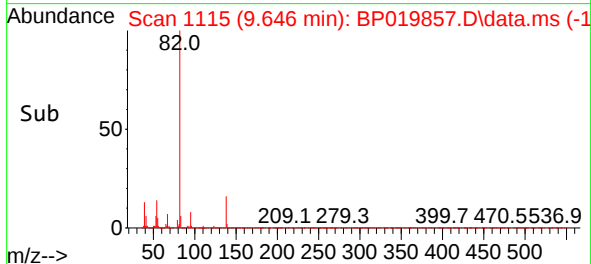
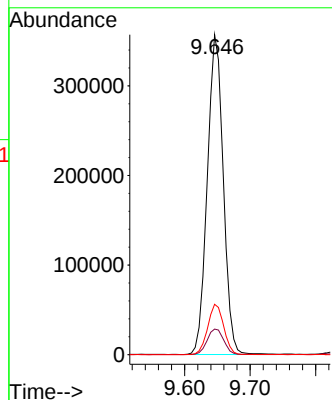
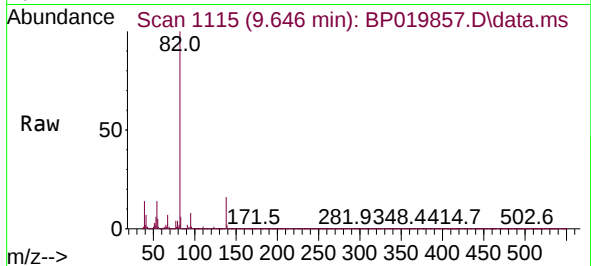




#25
Isophorone
Concen: 43.822 ng
RT: 9.646 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

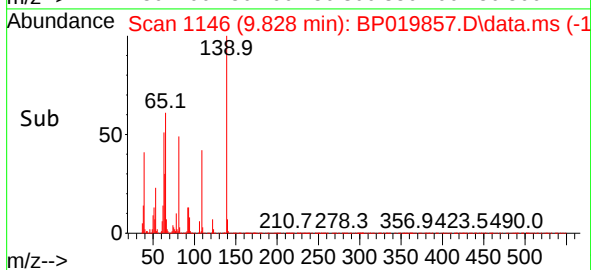
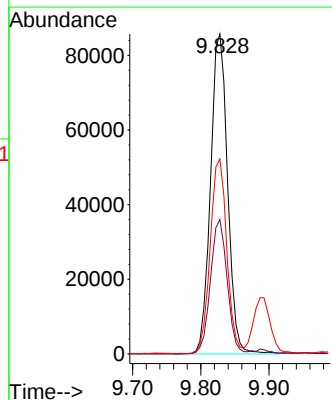
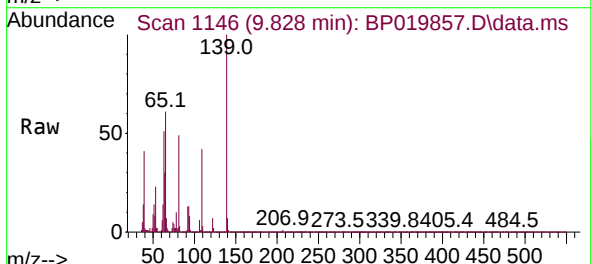
Instrument :
BNA_P
ClientSampleId :
PB159229BS

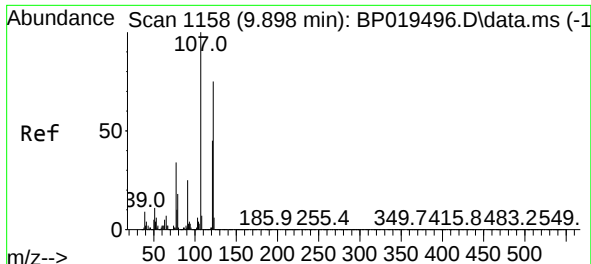
Tgt Ion: 82 Resp: 603928
Ion Ratio Lower Upper
82 100
95 8.0 7.0 10.4
138 15.7 13.1 19.7



#26
2-Nitrophenol
Concen: 49.062 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 139 Resp: 149049
Ion Ratio Lower Upper
139 100
109 42.0 34.9 52.3
65 60.9 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 51.621 ng

RT: 9.893 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

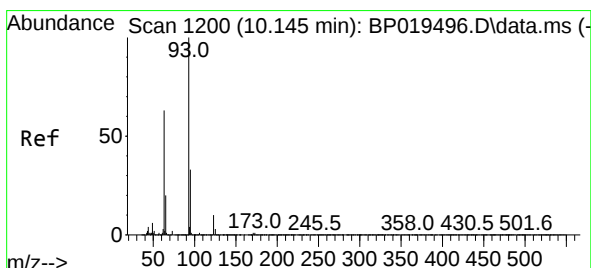
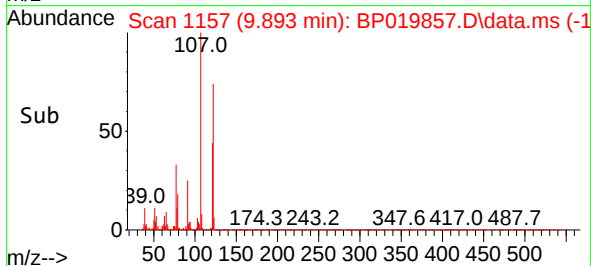
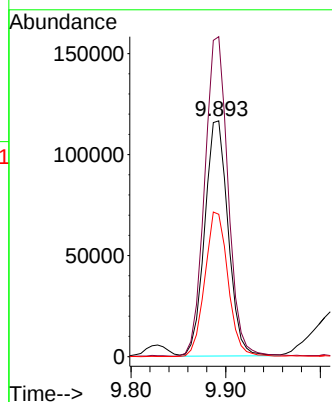
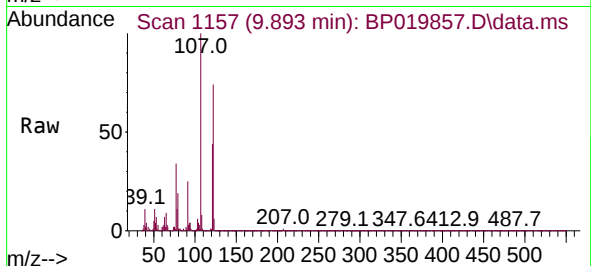
Tgt Ion:122 Resp: 200528

Ion Ratio Lower Upper

122 100

107 135.7 105.9 158.9

121 60.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.364 ng

RT: 10.134 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

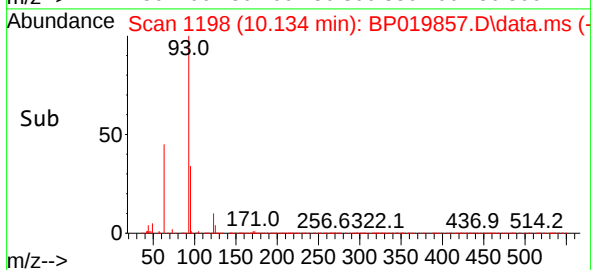
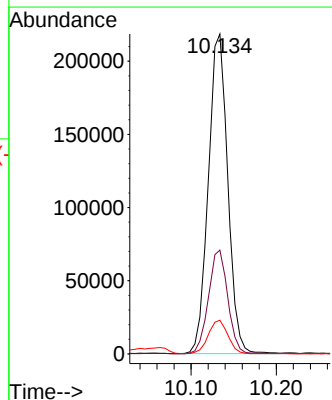
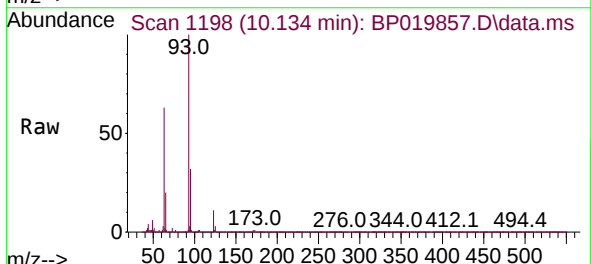
Tgt Ion: 93 Resp: 345923

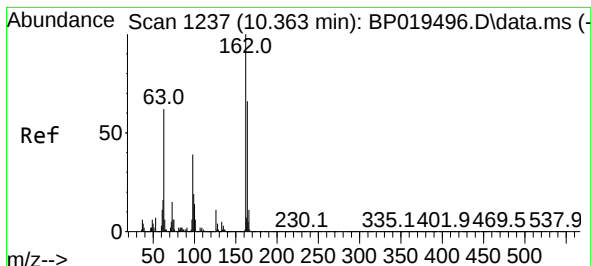
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 10.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 46.700 ng

RT: 10.363 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

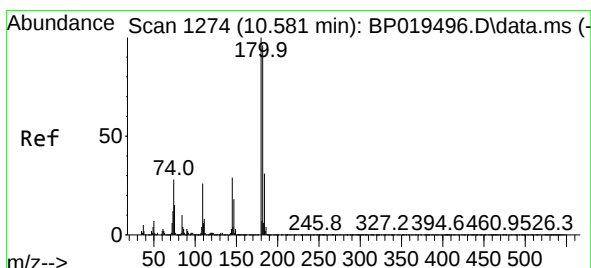
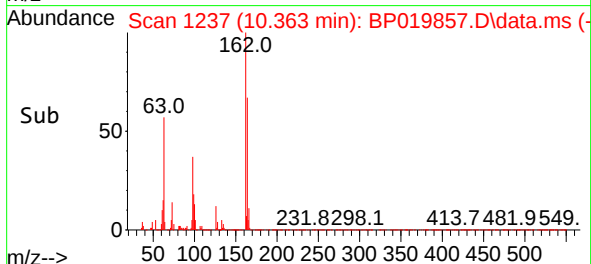
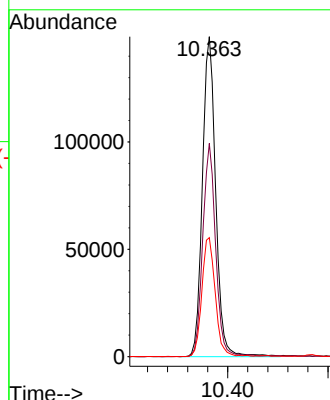
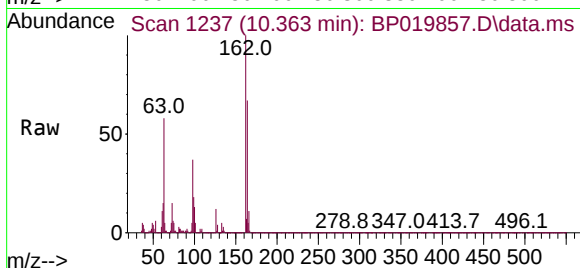
Tgt Ion:162 Resp: 274234

Ion Ratio Lower Upper

162 100

164 66.6 46.0 86.0

98 37.2 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 44.034 ng

RT: 10.569 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

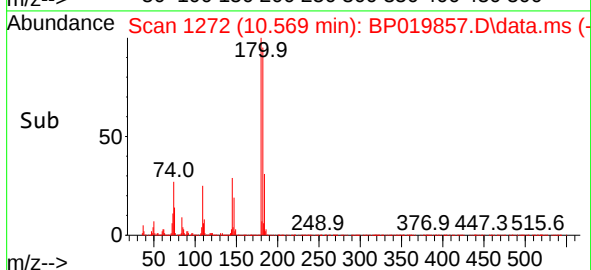
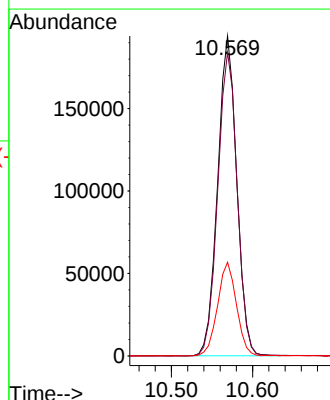
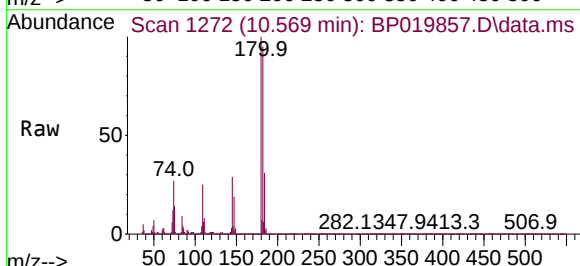
Tgt Ion:180 Resp: 317046

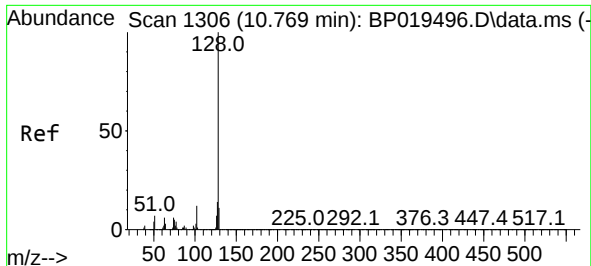
Ion Ratio Lower Upper

180 100

182 94.9 77.0 115.6

145 29.3 23.2 34.8

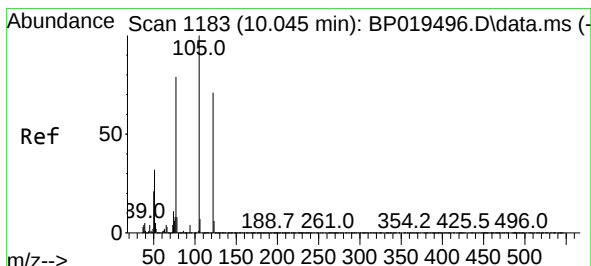
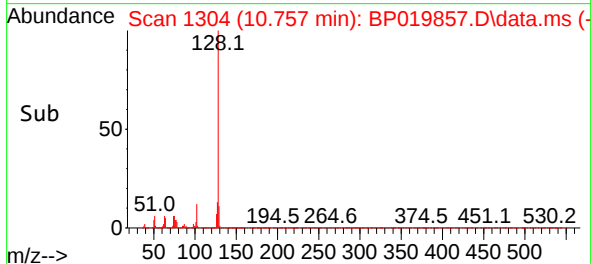
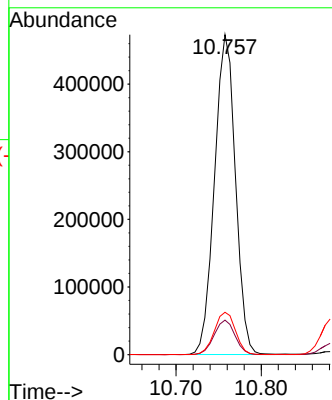
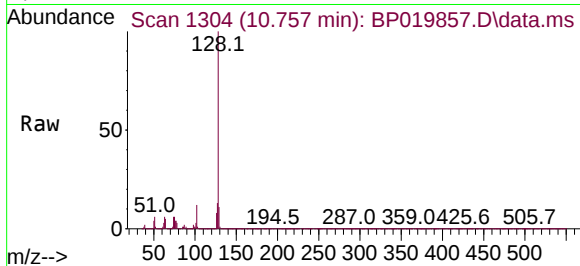




#31
Naphthalene
Concen: 42.940 ng
RT: 10.757 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

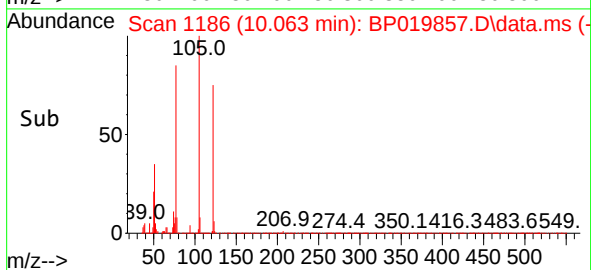
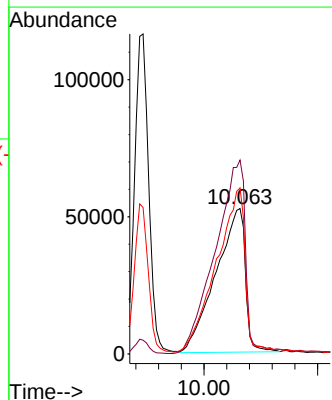
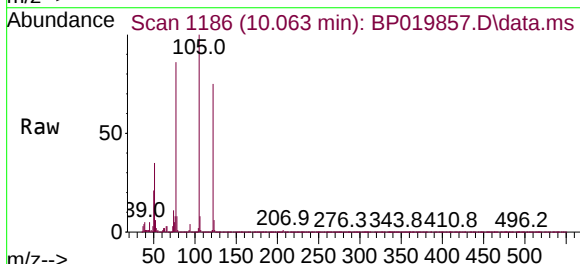
Instrument :
BNA_P
ClientSampleId :
PB159229BS

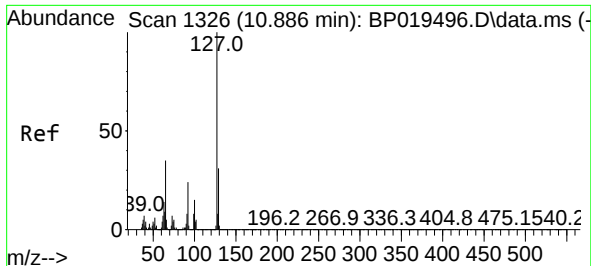
Tgt Ion:128 Resp: 807553
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 49.789 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:122 Resp: 188442
Ion Ratio Lower Upper
122 100
105 133.4 118.8 158.8
77 114.3 91.7 131.7

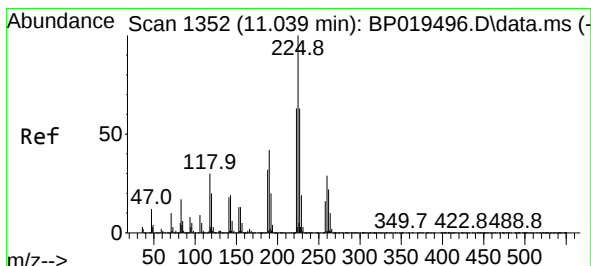
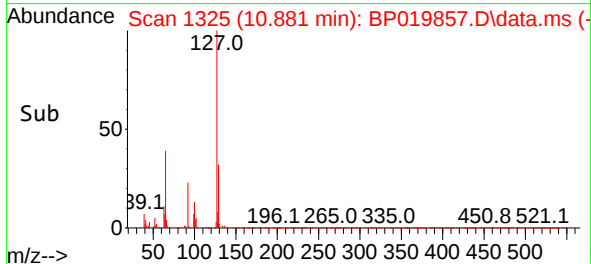
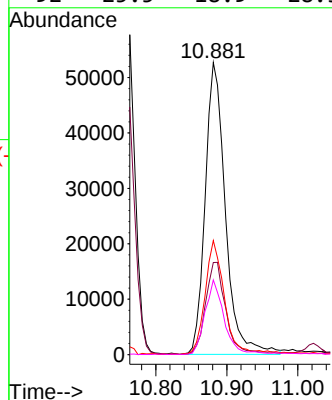
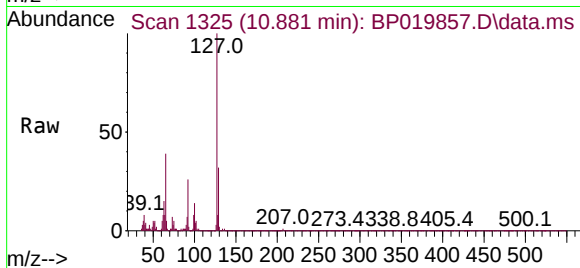




#33
4-Chloroaniline
Concen: 14.943 ng
RT: 10.881 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

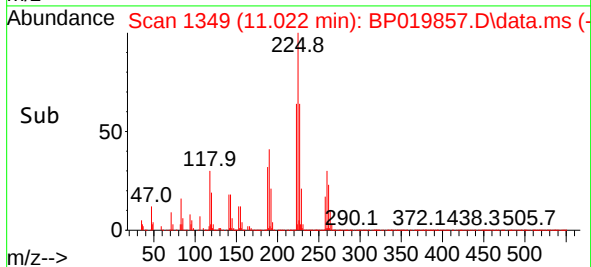
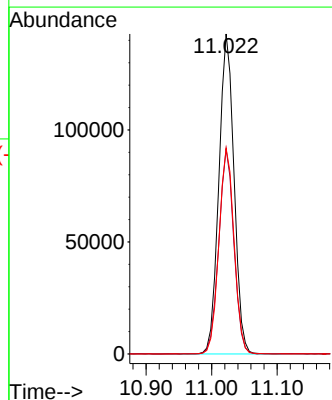
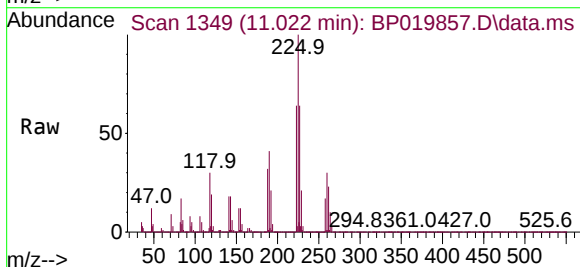
Instrument :
BNA_P
ClientSampleId :
PB159229BS

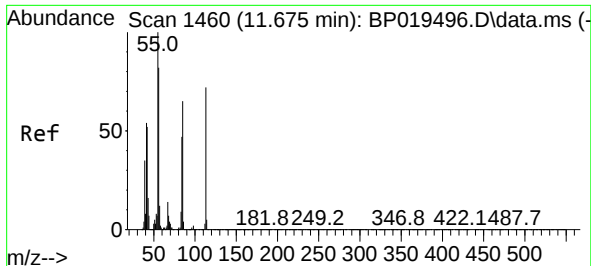
Tgt Ion:	127	Resp:	103928
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.6	36.8
65	39.1	28.2	42.4
92	25.5	18.9	28.3



#34
Hexachlorobutadiene
Concen: 43.071 ng
RT: 11.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:	225	Resp:	229807
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.5	75.7
227	64.3	50.2	75.2

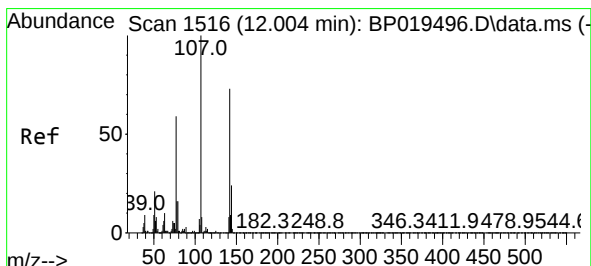
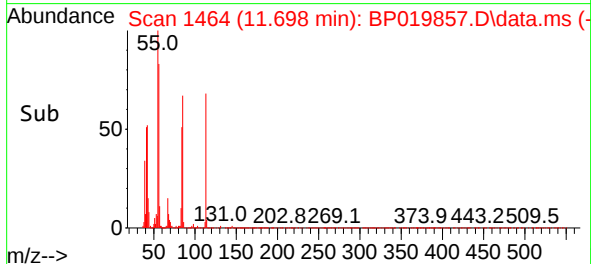
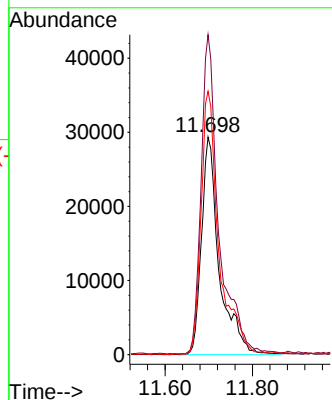
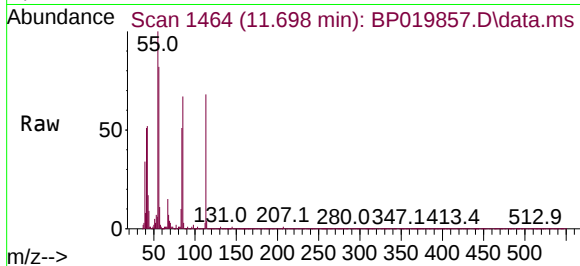




#35
Caprolactam
Concen: 49.673 ng
RT: 11.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

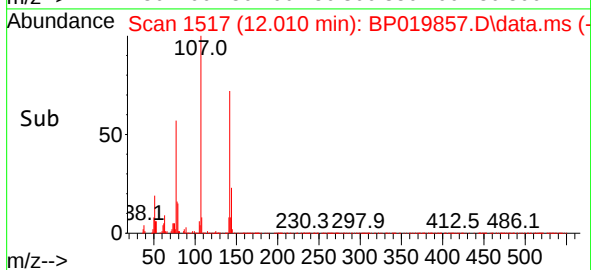
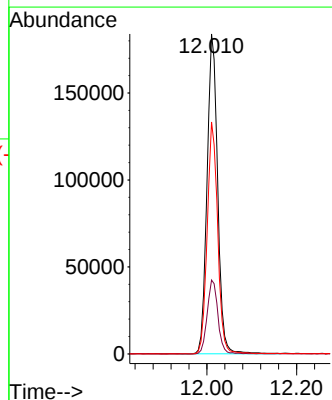
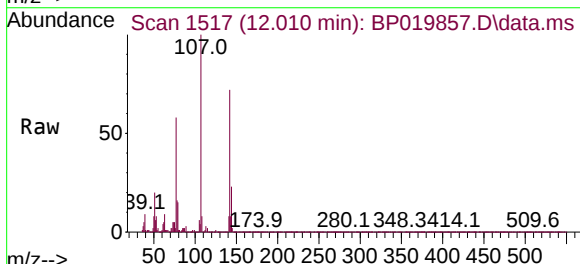
Instrument :
BNA_P
ClientSampleId :
PB159229BS

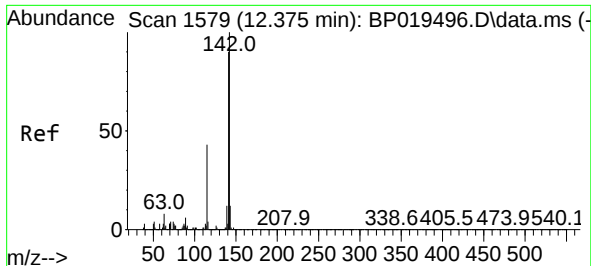
Tgt Ion:113 Resp: 82575
Ion Ratio Lower Upper
113 100
55 147.1 120.0 160.0
56 121.0 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 47.167 ng
RT: 12.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:107 Resp: 302010
Ion Ratio Lower Upper
107 100
144 23.1 19.0 28.4
142 72.5 58.6 88.0

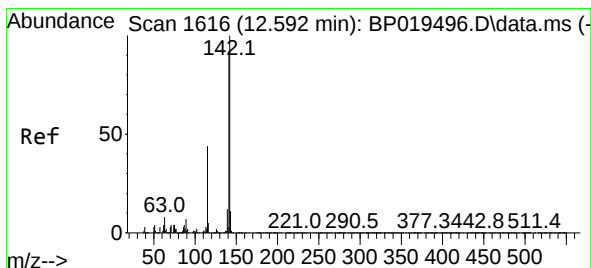
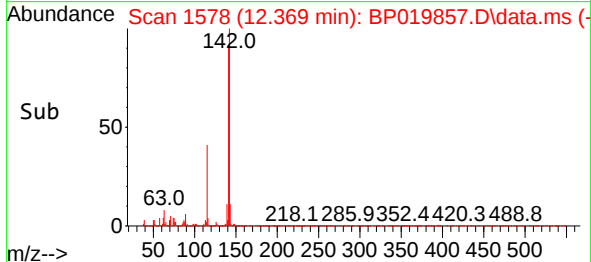
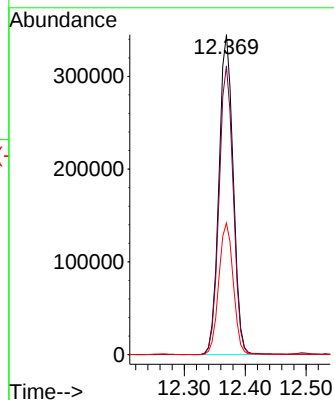
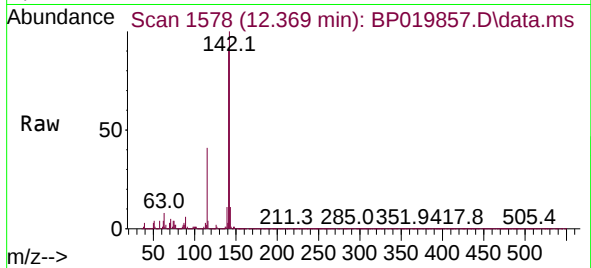




#37
2-Methylnaphthalene
Concen: 43.168 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

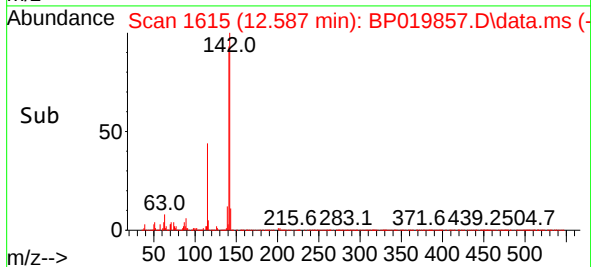
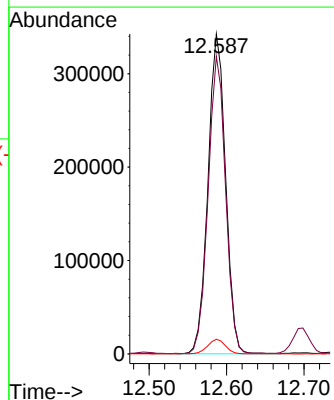
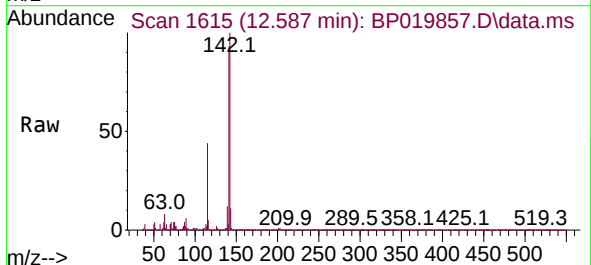
Instrument :
BNA_P
ClientSampleId :
PB159229BS

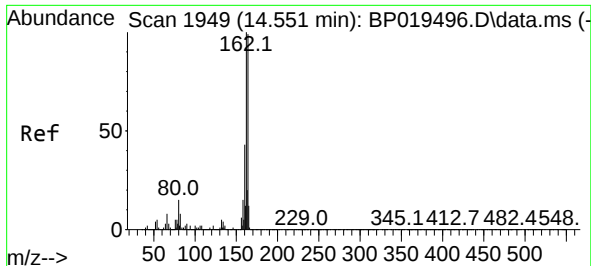
Tgt Ion:142 Resp: 561821
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.4
115 41.1 34.2 51.2



#38
1-Methylnaphthalene
Concen: 42.224 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:142 Resp: 540043
Ion Ratio Lower Upper
142 100
141 93.0 74.0 111.0
116 4.6 3.7 5.5

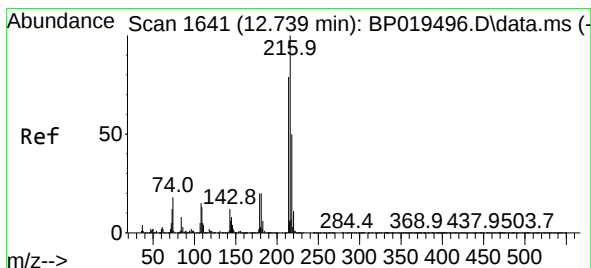
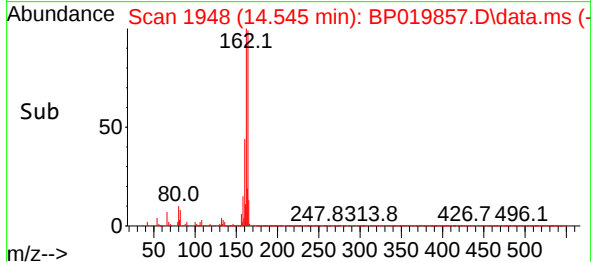
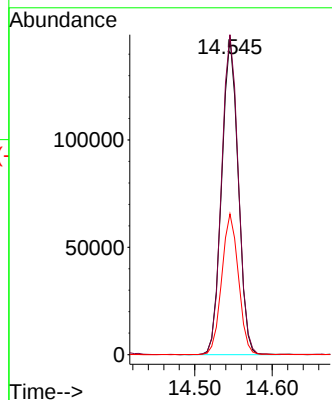
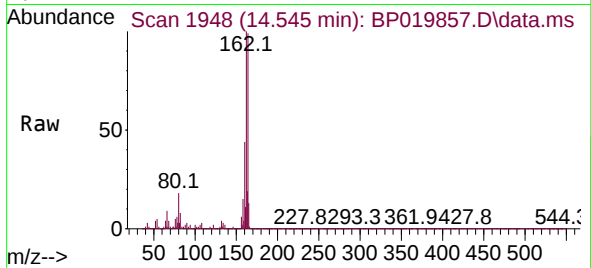




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

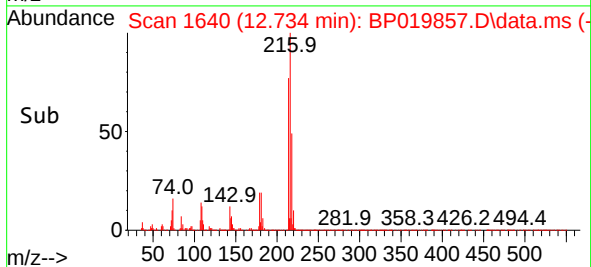
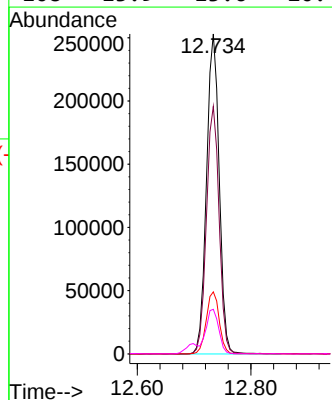
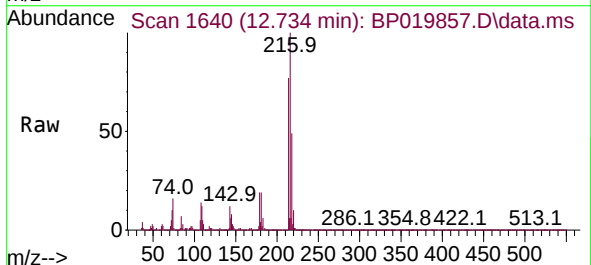
Instrument :
BNA_P
ClientSampleId :
PB159229BS

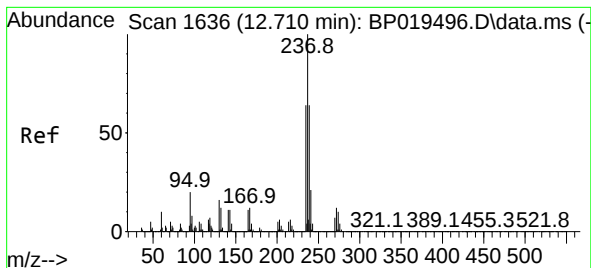
Tgt Ion:164 Resp: 218317
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 44.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.527 ng
RT: 12.734 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:216 Resp: 391741
Ion Ratio Lower Upper
216 100
214 77.3 62.8 94.2
179 19.8 16.6 24.8
108 13.9 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 113.380 ng

RT: 12.698 min Scan# 1634

Delta R.T. 0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

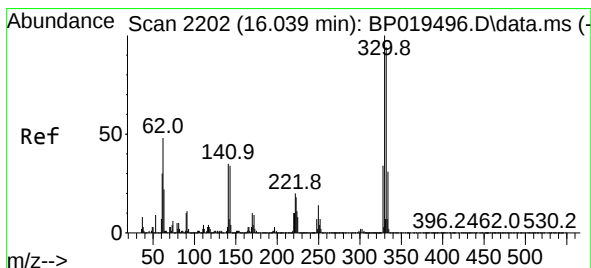
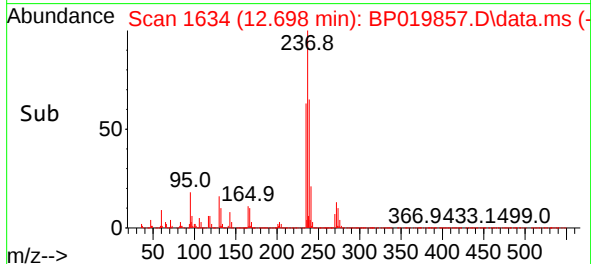
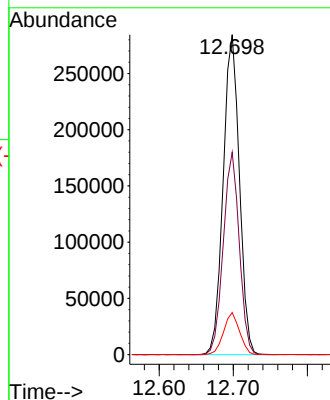
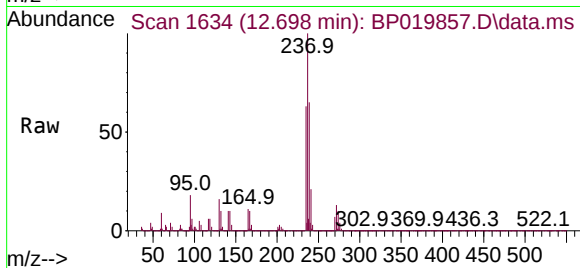
Tgt Ion:237 Resp: 431250

Ion Ratio Lower Upper

237 100

235 63.2 43.7 83.7

272 13.1 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 160.051 ng

RT: 16.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

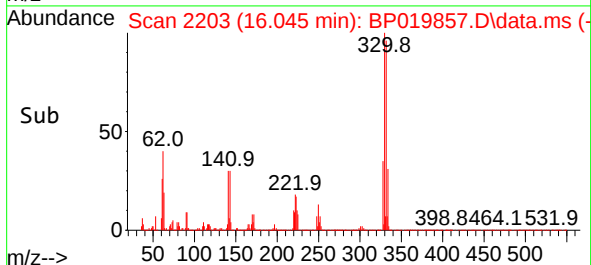
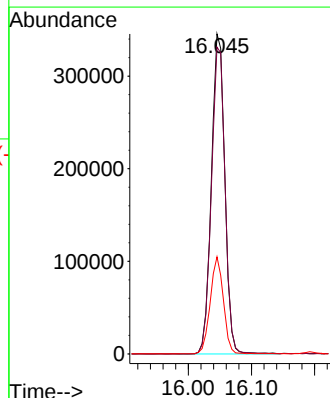
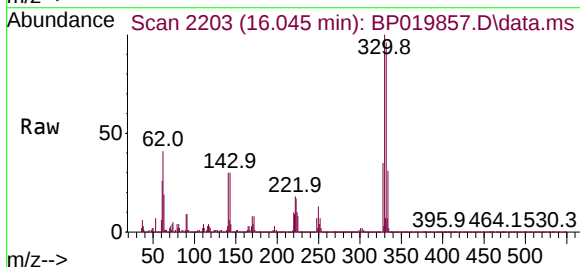
Tgt Ion:330 Resp: 510175

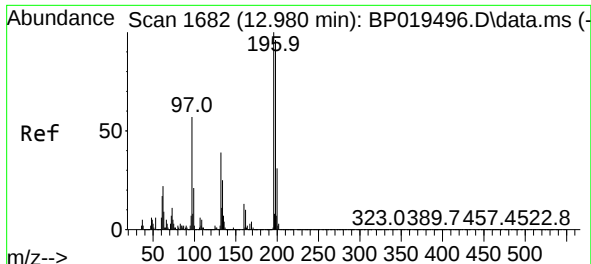
Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 29.8 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.724 ng

RT: 12.981 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

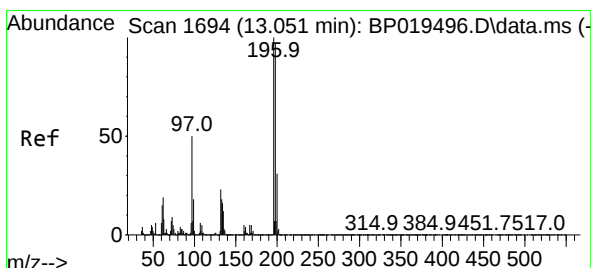
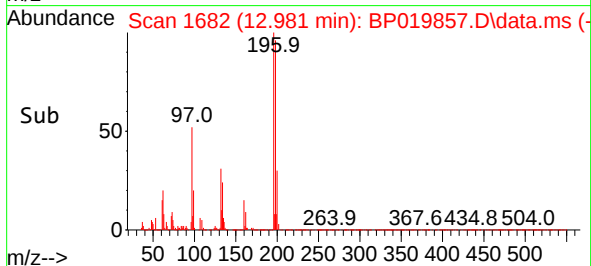
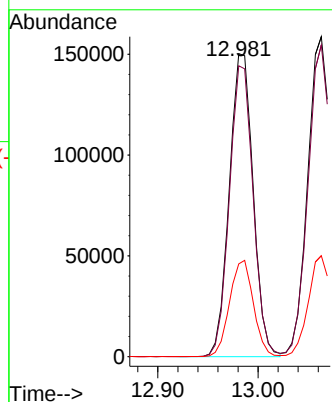
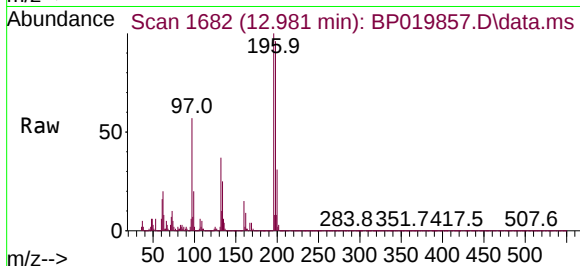
Tgt Ion:196 Resp: 248410

Ion Ratio Lower Upper

196 100

198 96.0 76.7 115.1

200 30.6 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.068 ng

RT: 13.063 min Scan# 1696

Delta R.T. 0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Tgt Ion:196 Resp: 269102

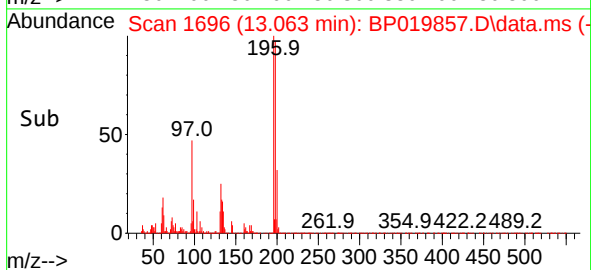
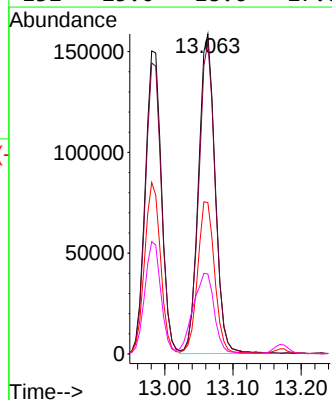
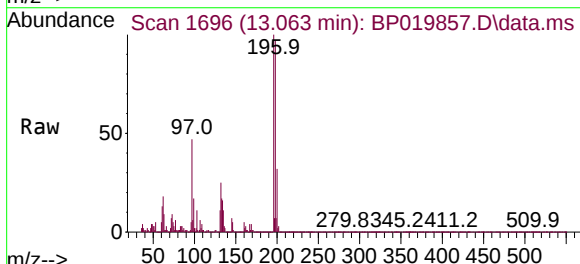
Ion Ratio Lower Upper

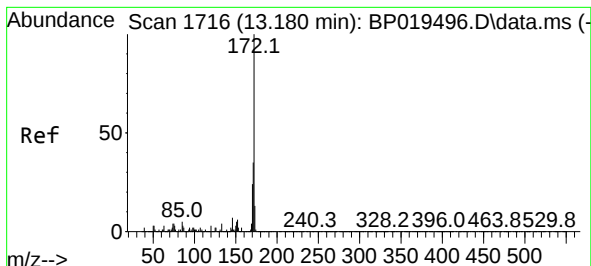
196 100

198 97.4 77.5 116.3

97 47.3 39.9 59.9

132 25.0 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 85.461 ng

RT: 13.169 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

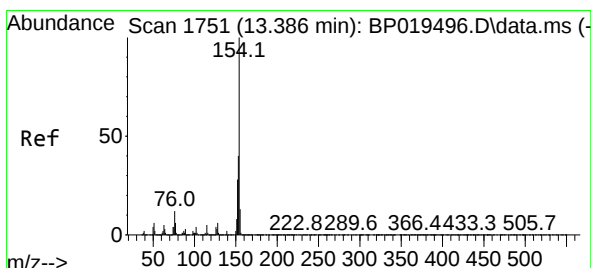
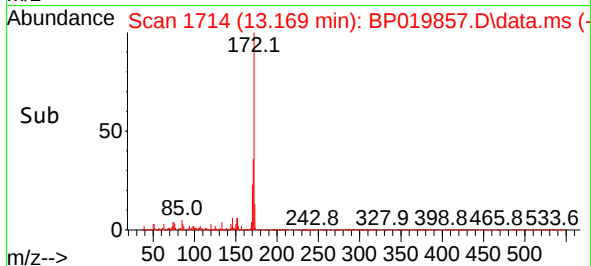
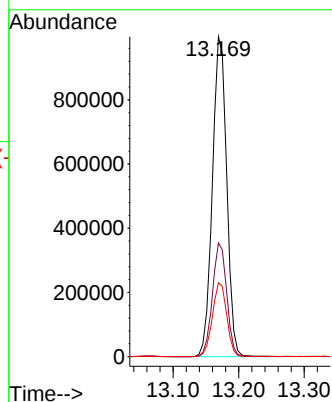
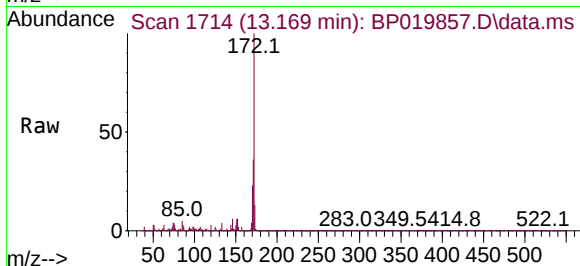
Tgt Ion:172 Resp: 1509239

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.864 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

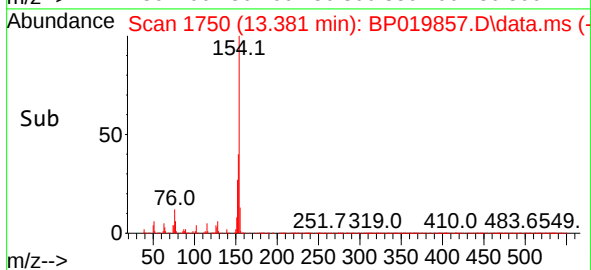
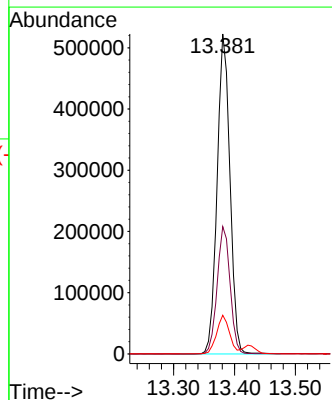
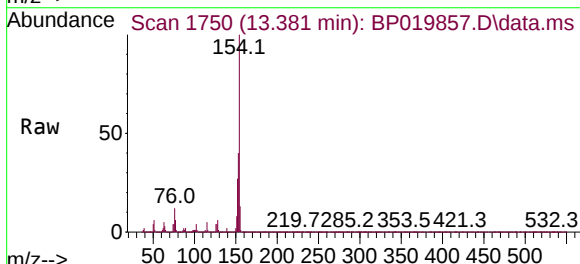
Tgt Ion:154 Resp: 764310

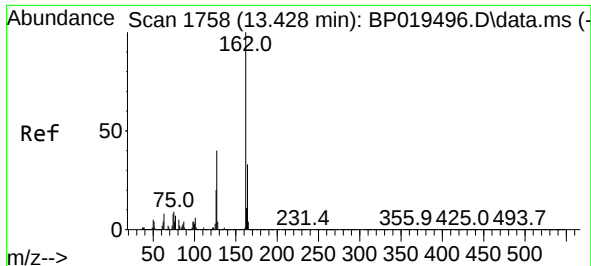
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 12.1 0.0 31.6

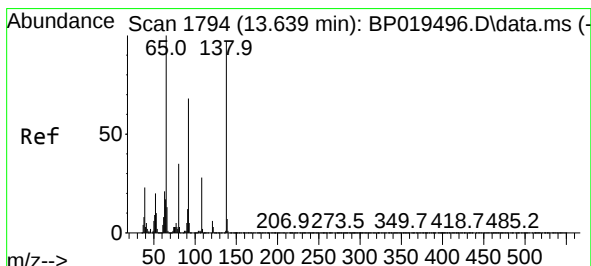
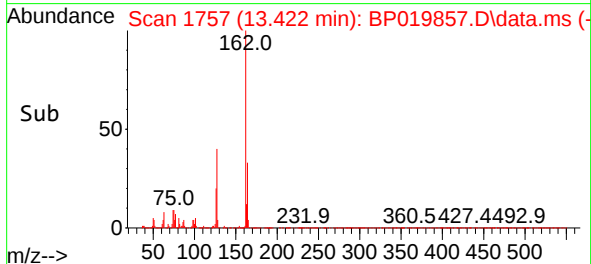
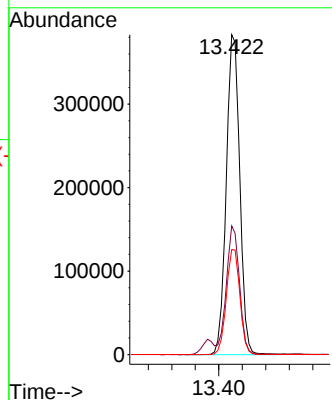
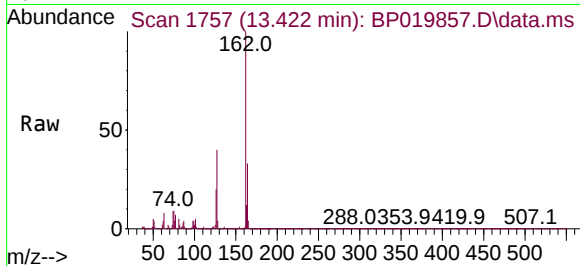




#47
2-Chloronaphthalene
Concen: 42.619 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

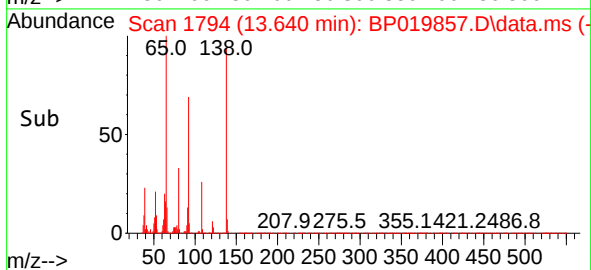
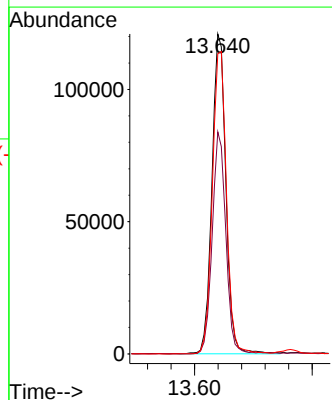
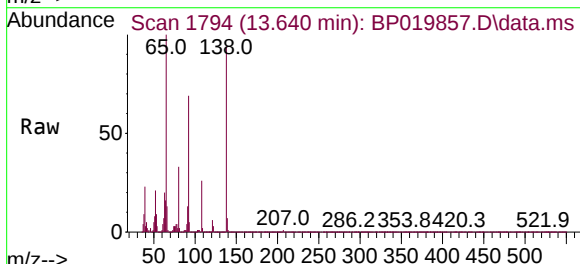
Instrument :
BNA_P
ClientSampleId :
PB159229BS

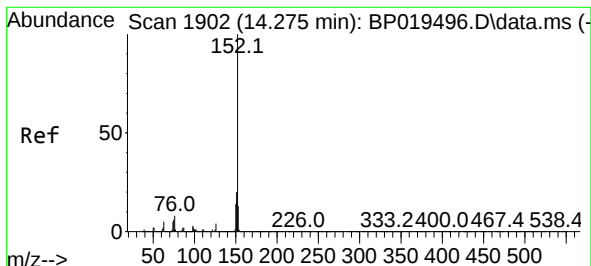
Tgt Ion:162 Resp: 609606
Ion Ratio Lower Upper
162 100
127 40.2 32.1 48.1
164 32.8 26.7 40.1



#48
2-Nitroaniline
Concen: 49.608 ng
RT: 13.640 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 65 Resp: 198413
Ion Ratio Lower Upper
65 100
92 69.4 54.7 82.1
138 93.8 77.8 116.6





#49

Acenaphthylene

Concen: 48.593 ng

RT: 14.269 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

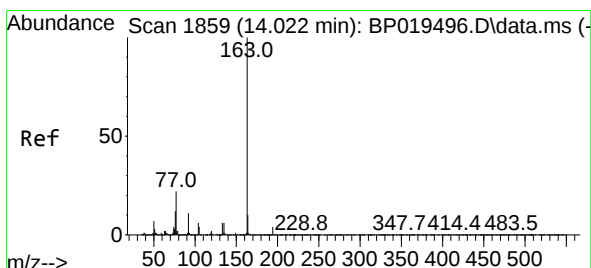
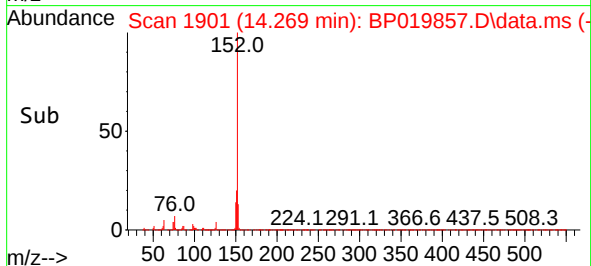
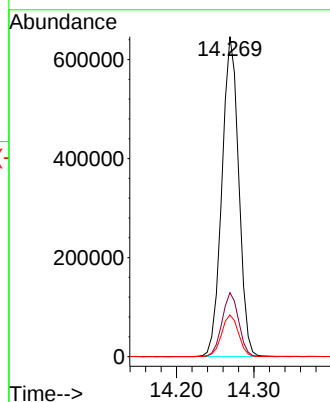
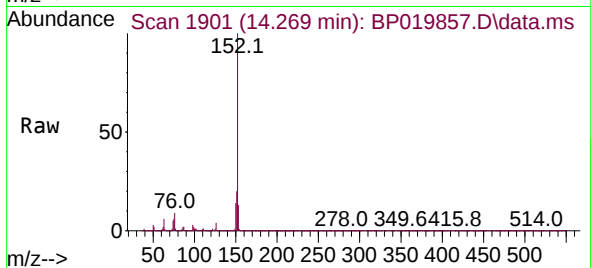
Tgt Ion:152 Resp: 975125

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 47.336 ng

RT: 14.016 min Scan# 1858

Delta R.T. -0.000 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

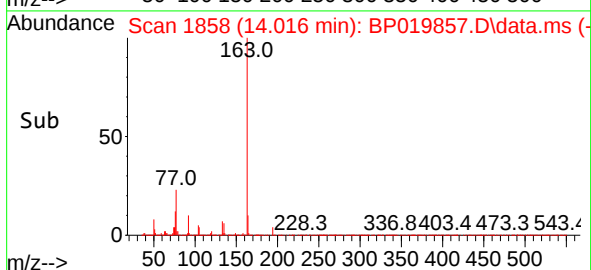
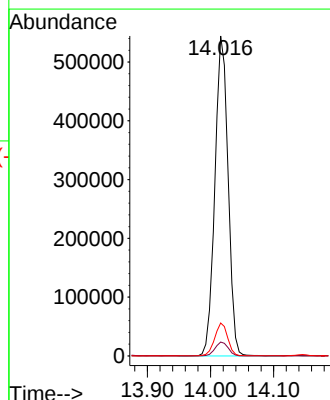
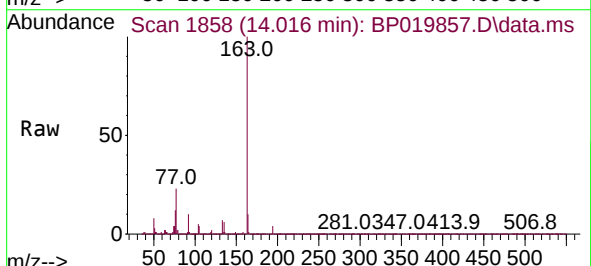
Tgt Ion:163 Resp: 791113

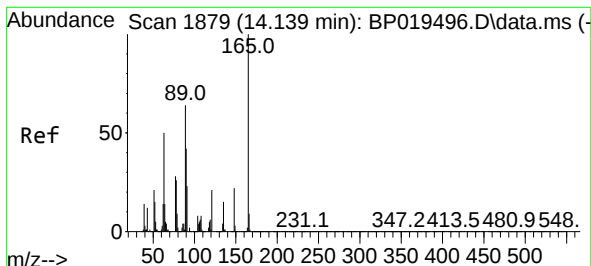
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.3 7.8 11.6

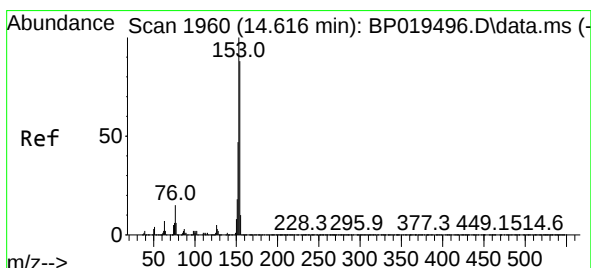
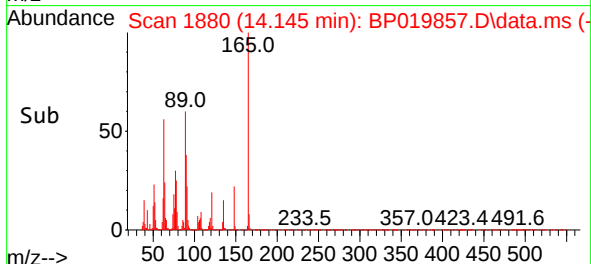
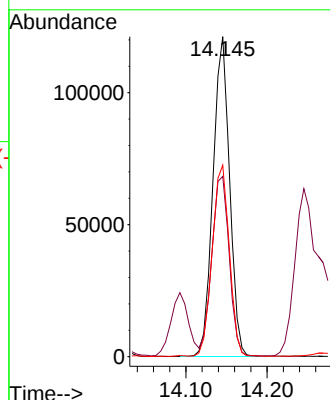
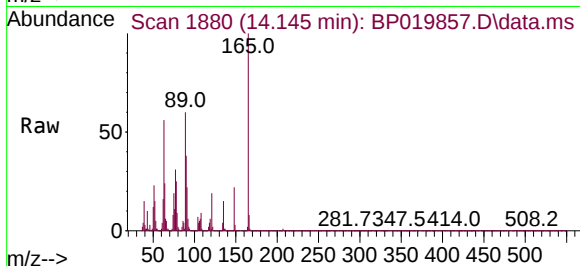




#51
2,6-Dinitrotoluene
Concen: 46.882 ng
RT: 14.145 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

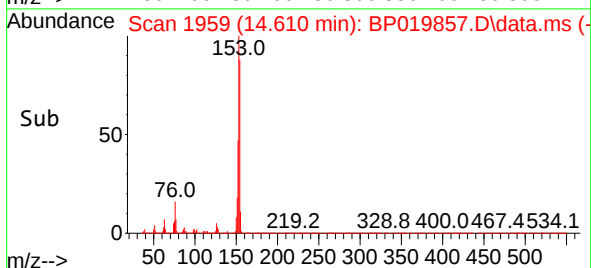
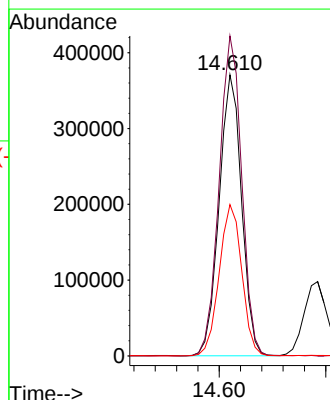
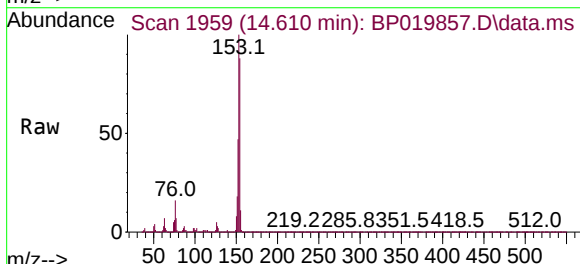
Instrument :
BNA_P
ClientSampleId :
PB159229BS

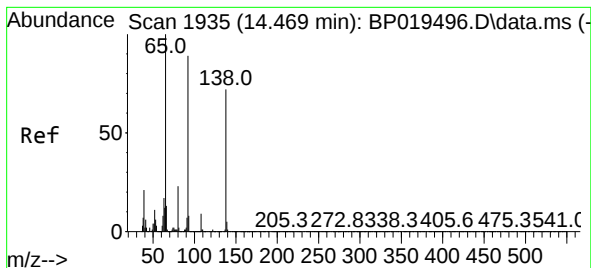
Tgt Ion:165 Resp: 172147
Ion Ratio Lower Upper
165 100
63 56.3 50.4 75.6
89 59.8 51.7 77.5



#52
Acenaphthene
Concen: 43.608 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:154 Resp: 543130
Ion Ratio Lower Upper
154 100
153 113.9 90.5 135.7
152 53.8 42.1 63.1

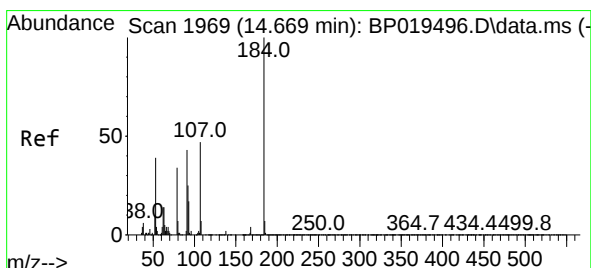
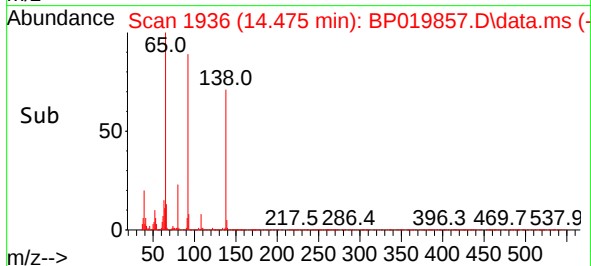
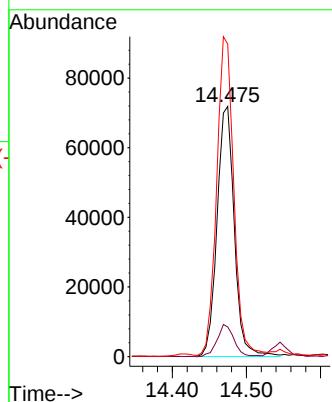
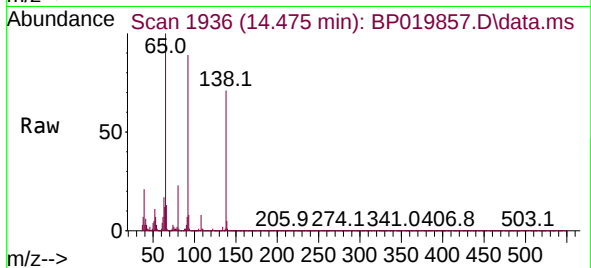




#53
3-Nitroaniline
Concen: 34.416 ng
RT: 14.475 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

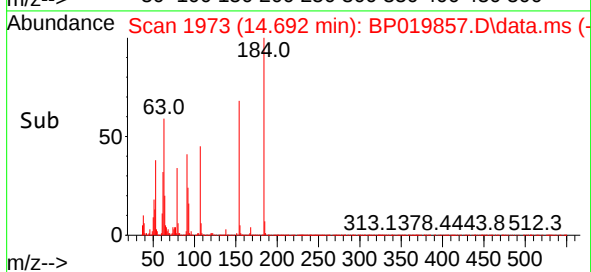
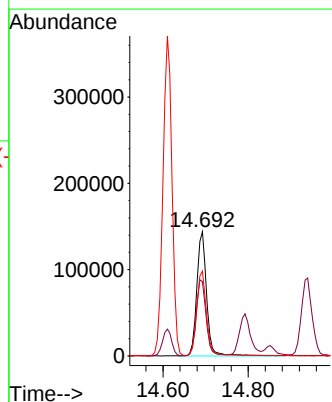
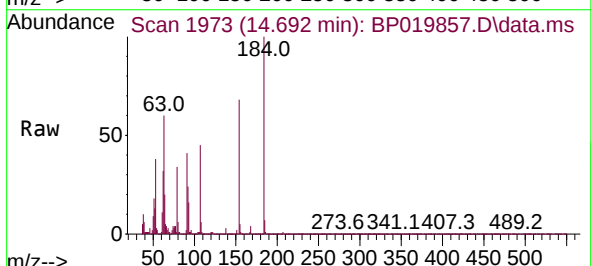
Instrument :
BNA_P
ClientSampleId :
PB159229BS

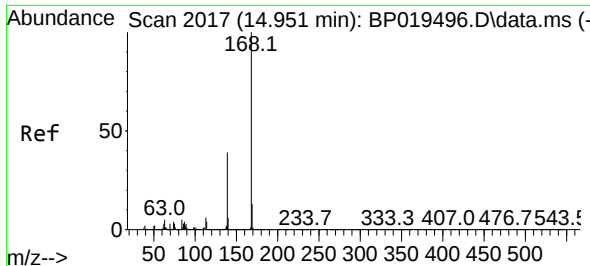
Tgt Ion:138 Resp: 116136
Ion Ratio Lower Upper
138 100
108 11.8 9.7 14.5
92 125.0 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 120.372 ng
RT: 14.692 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:184 Resp: 229489
Ion Ratio Lower Upper
184 100
63 59.6 50.5 75.7
154 68.2 53.4 80.0

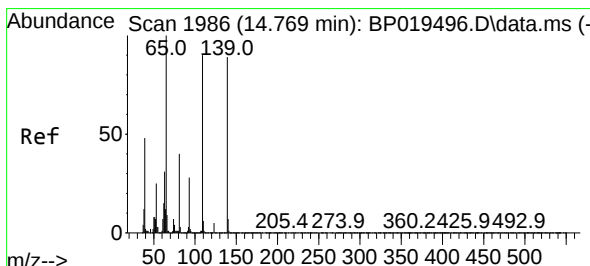
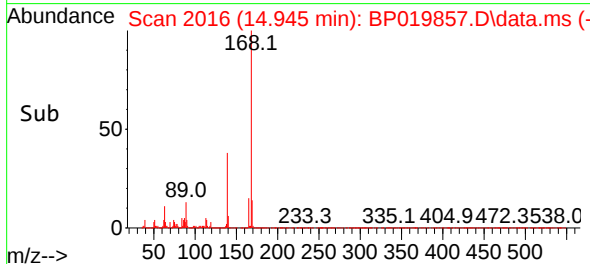
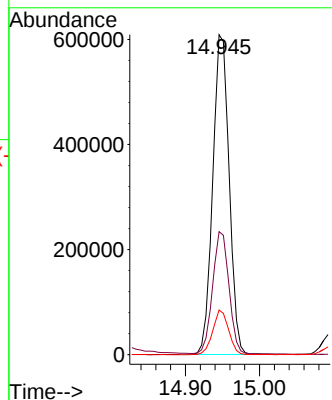
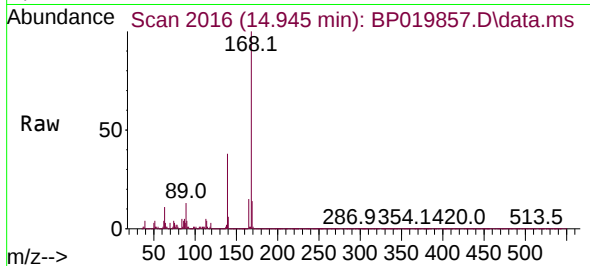




#55
Dibenzofuran
Concen: 46.122 ng
RT: 14.945 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

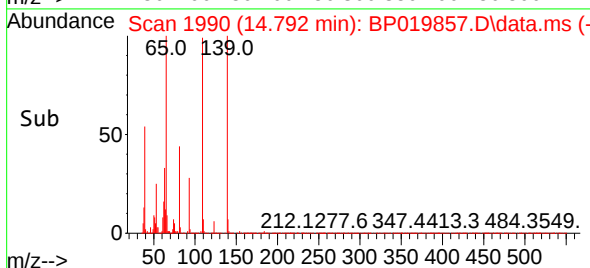
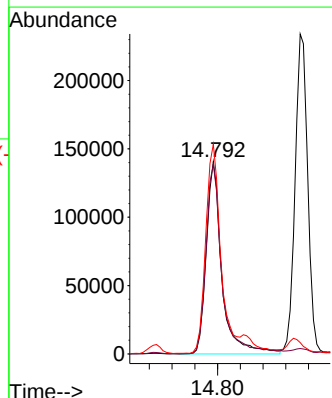
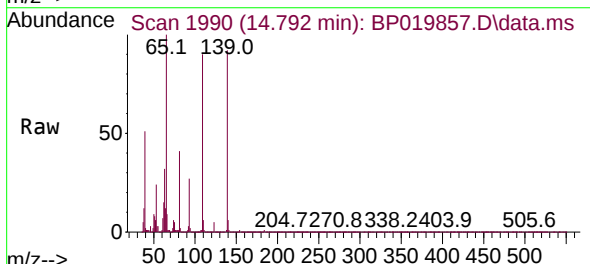
Instrument :
BNA_P
ClientSampleId :
PB159229BS

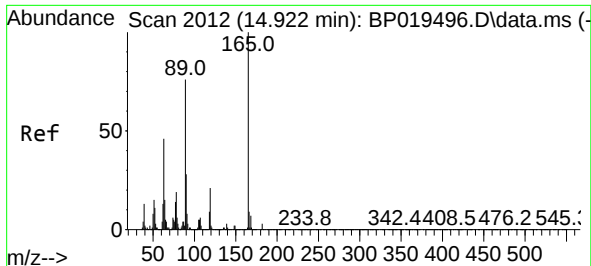
Tgt Ion:168 Resp: 935606
Ion Ratio Lower Upper
168 100
139 38.4 31.5 47.3
169 13.9 10.3 15.5



#56
4-Nitrophenol
Concen: 96.921 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:139 Resp: 268072
Ion Ratio Lower Upper
139 100
109 98.7 82.0 122.0
65 109.1 92.9 132.9

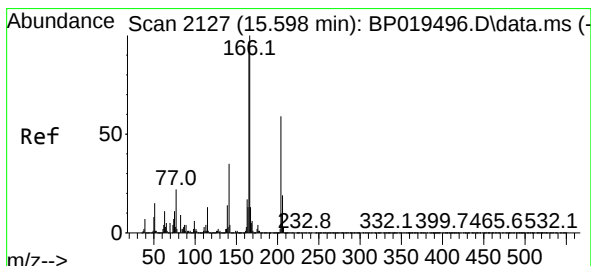
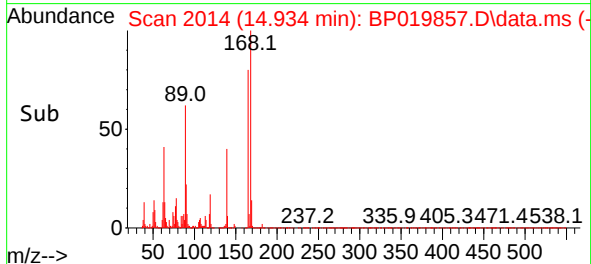
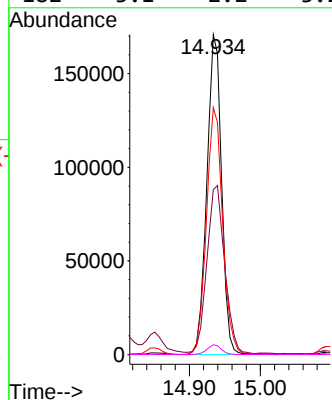
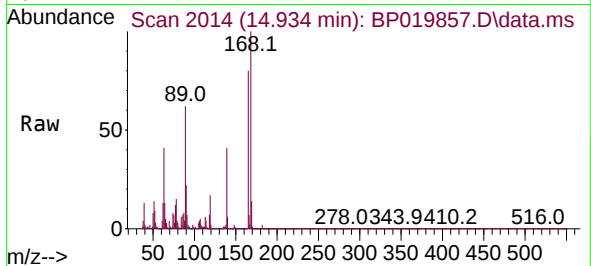




#57
2,4-Dinitrotoluene
Concen: 50.995 ng
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

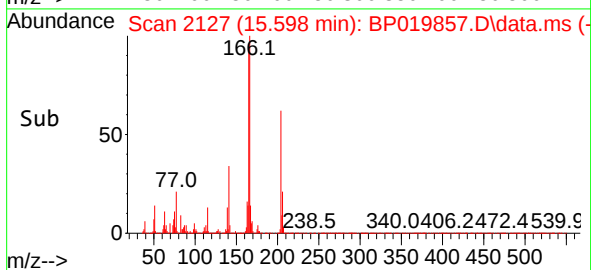
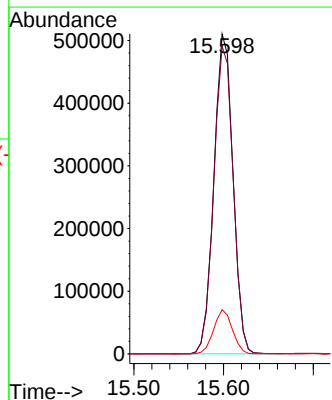
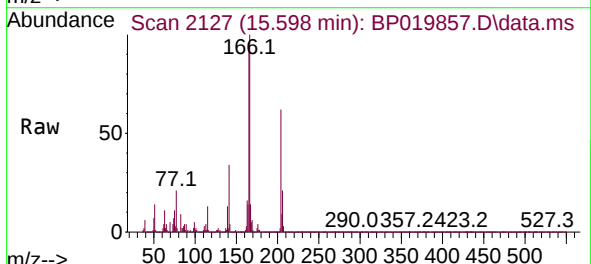
Instrument :
BNA_P
ClientSampleId :
PB159229BS

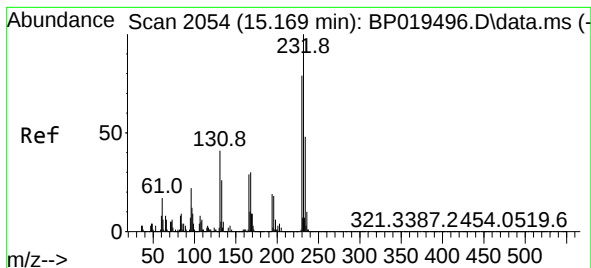
Tgt Ion:165 Resp: 245377
Ion Ratio Lower Upper
165 100
63 51.6 36.9 55.3
89 77.2 61.1 91.7
182 3.1 2.2 3.2



#58
Fluorene
Concen: 46.757 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:166 Resp: 755449
Ion Ratio Lower Upper
166 100
165 96.2 77.8 116.8
167 13.8 10.7 16.1

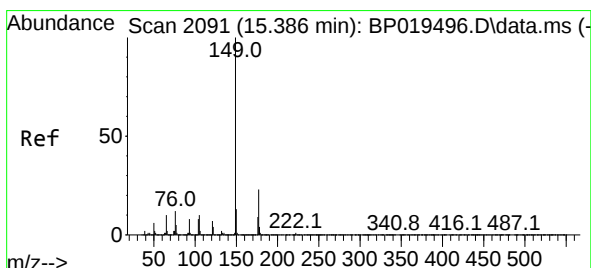
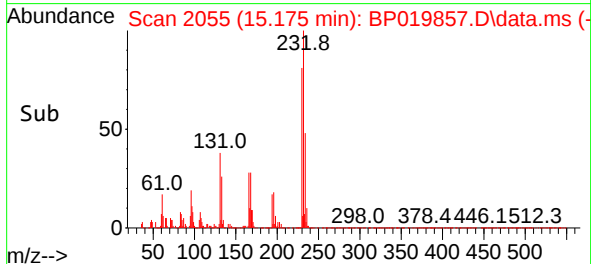
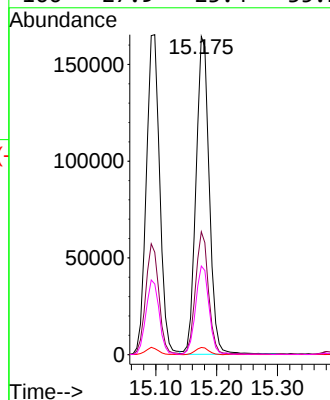
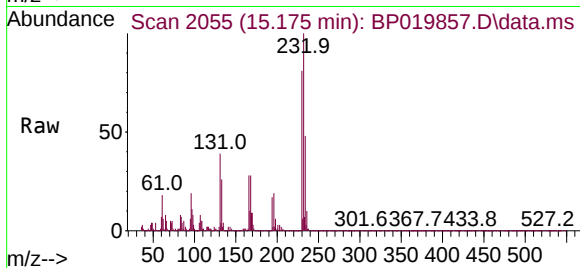




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.751 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

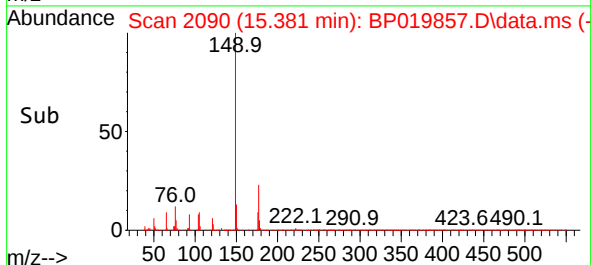
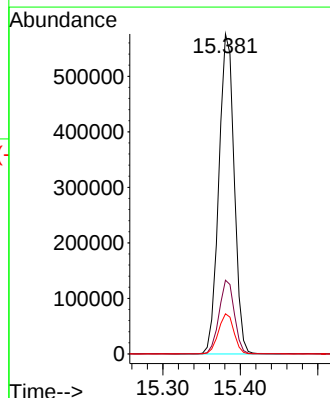
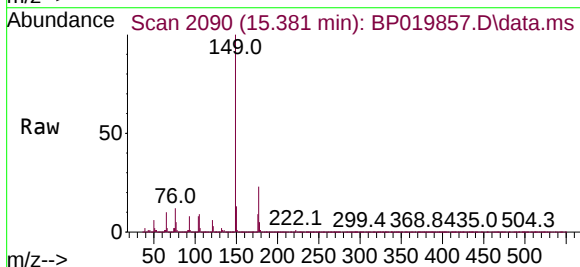
Instrument :
BNA_P
ClientSampleId :
PB159229BS

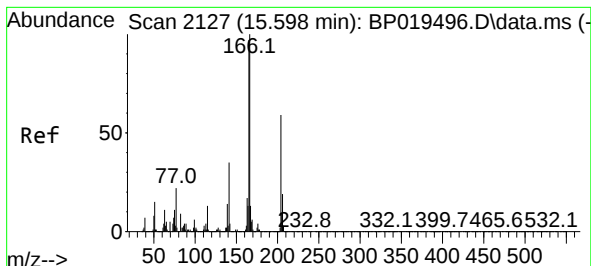
Tgt Ion:232 Resp: 248403
Ion Ratio Lower Upper
232 100
131 37.9 32.4 48.6
130 2.2 1.9 2.9
166 27.9 23.4 35.2



#60
Diethylphthalate
Concen: 47.672 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:149 Resp: 792480
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.5 10.2 15.4

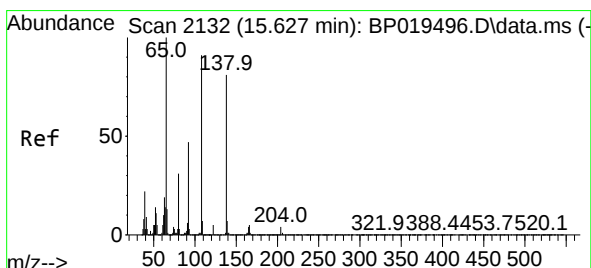
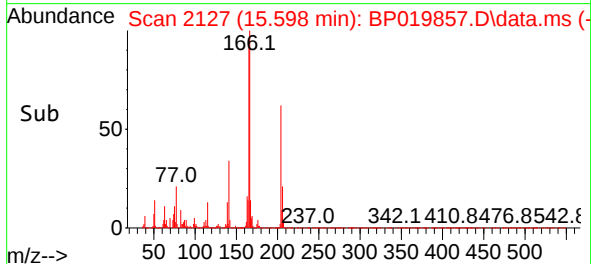
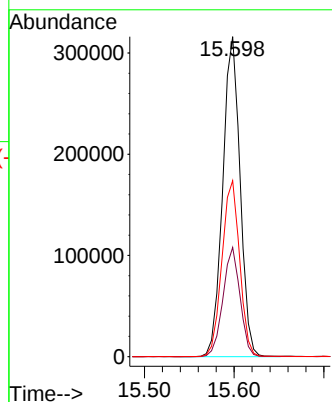
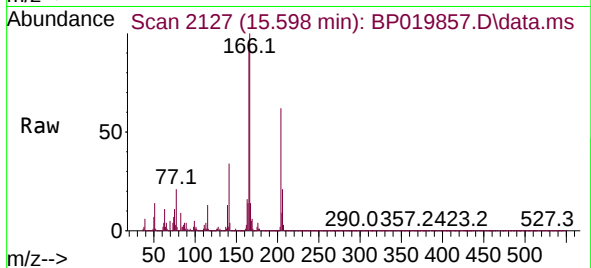




#61
4-Chlorophenyl-phenylether
Concen: 46.932 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

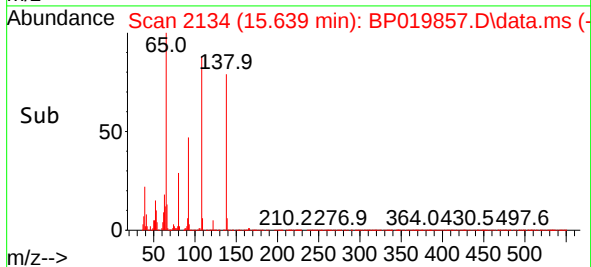
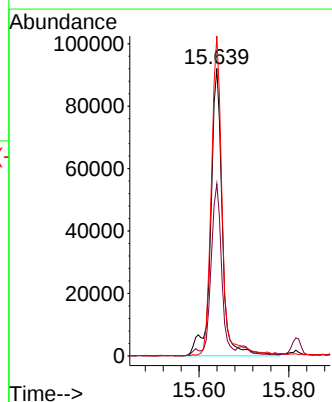
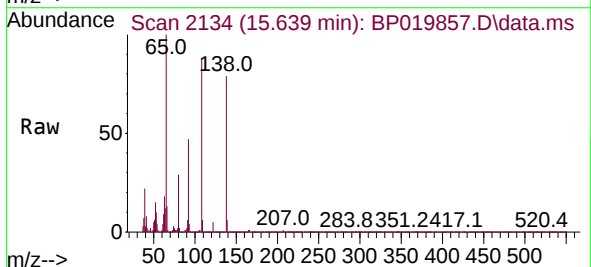
Instrument :
BNA_P
ClientSampleId :
PB159229BS

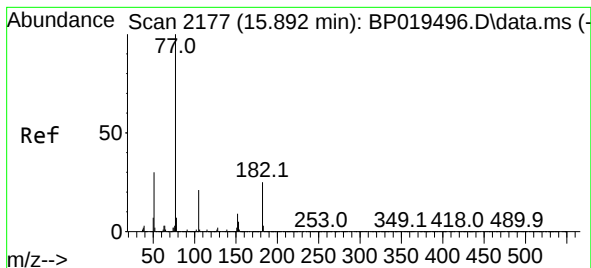
Tgt Ion:204 Resp: 426187
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 55.0 48.5 72.7



#62
4-Nitroaniline
Concen: 46.545 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:138 Resp: 164634
Ion Ratio Lower Upper
138 100
92 59.9 38.3 78.3
108 111.3 91.2 131.2





#63

Azobenzene

Concen: 46.347 ng

RT: 15.892 min Scan# 2177

Delta R.T. -0.000 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

Tgt Ion: 77 Resp: 745026

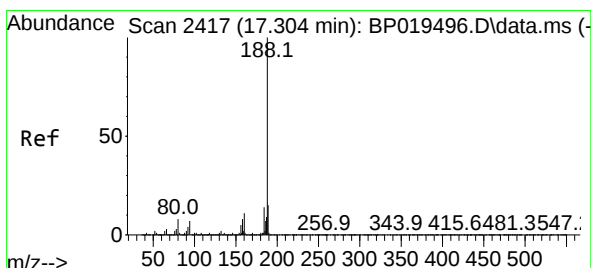
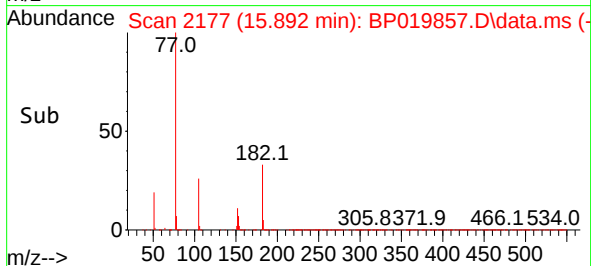
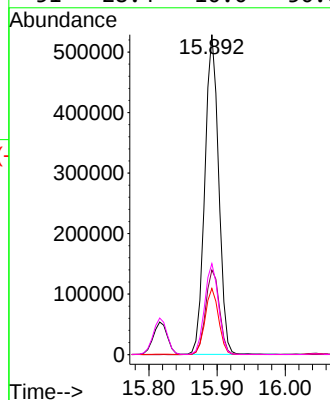
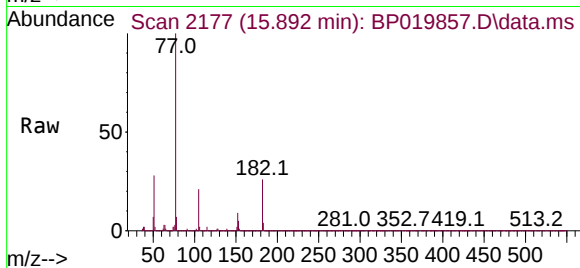
Ion Ratio Lower Upper

77 100

182 26.4 5.1 45.1

105 20.7 0.8 40.8

51 28.4 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: BP019857.D

Acq: 24 Feb 2024 12:30

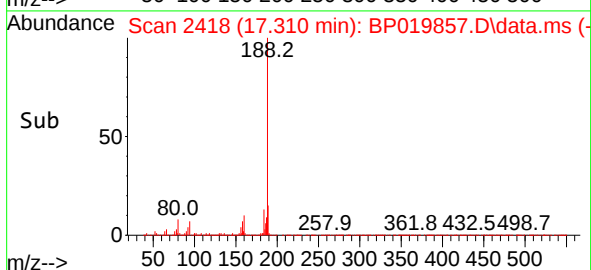
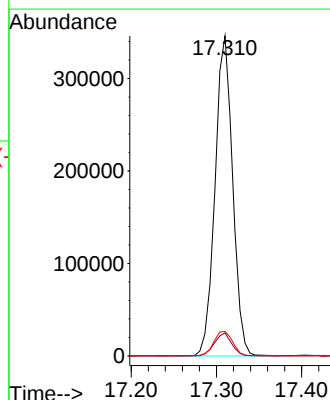
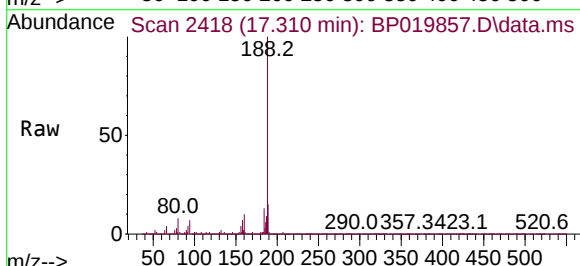
Tgt Ion:188 Resp: 496150

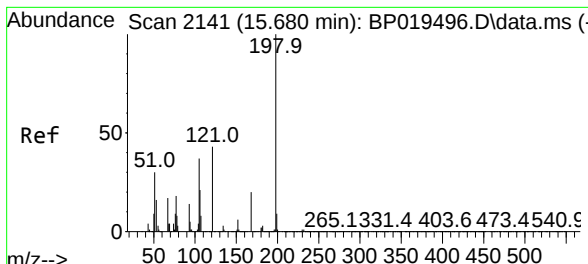
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 7.6 6.3 9.5

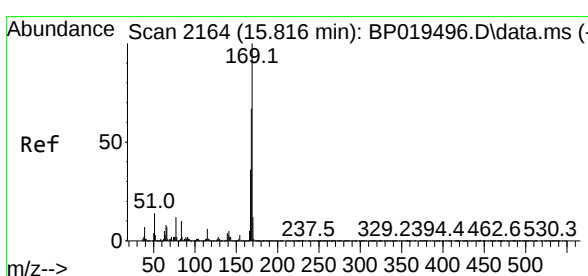
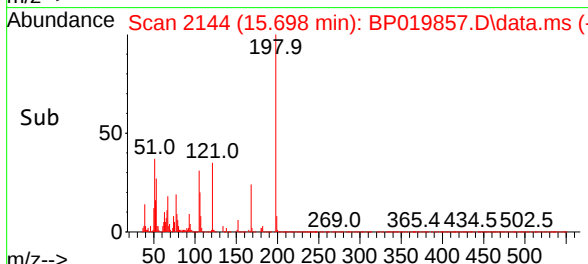
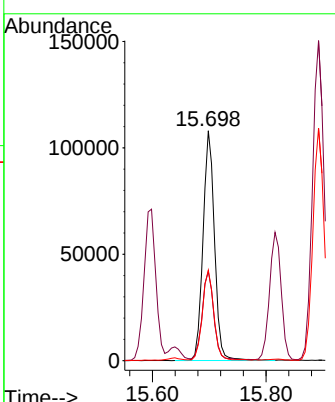
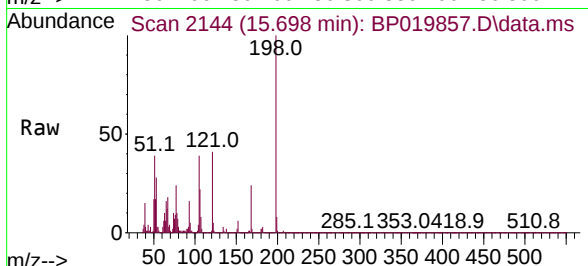




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.838 ng
 RT: 15.698 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: BP019857.D
 Acq: 24 Feb 2024 12:30

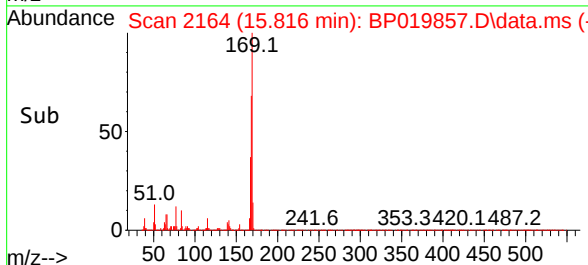
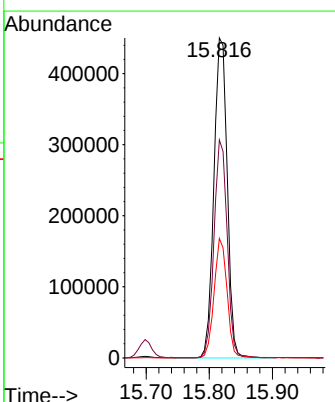
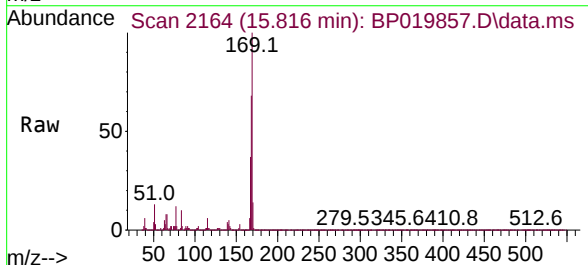
Instrument :
 BNA_P
 ClientSampleId :
 PB159229BS

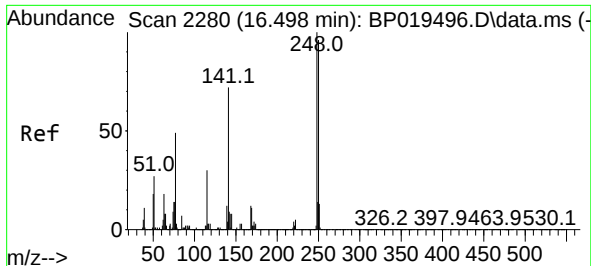
Tgt Ion:	198	Resp:	152313
Ion	Ratio	Lower	Upper
198	100		
51	38.7	21.2	61.2
105	39.3	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 44.416 ng
 RT: 15.816 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: BP019857.D
 Acq: 24 Feb 2024 12:30

Tgt Ion:	169	Resp:	659985
Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.4	80.2
167	37.3	28.9	43.3

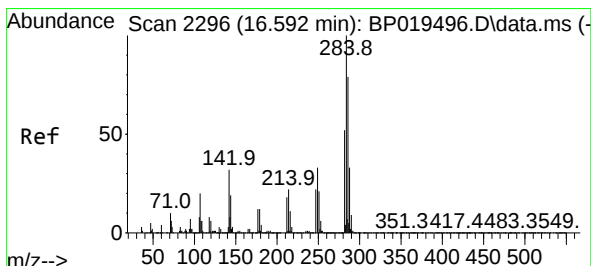
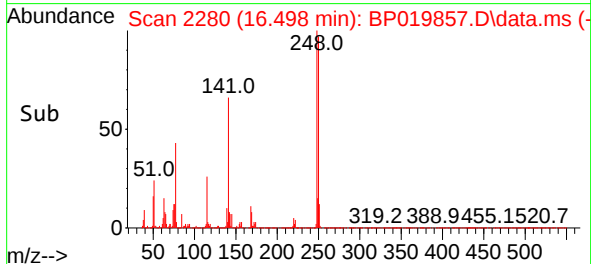
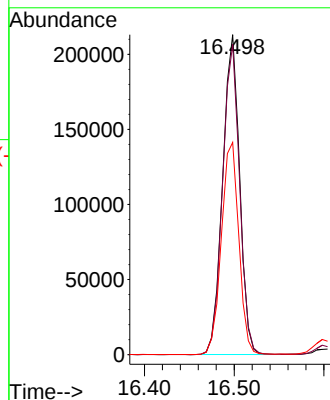
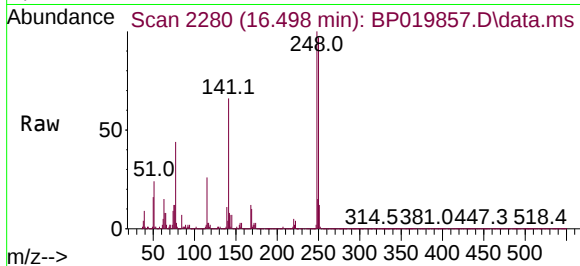




#67
4-Bromophenyl-phenylether
Concen: 45.285 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

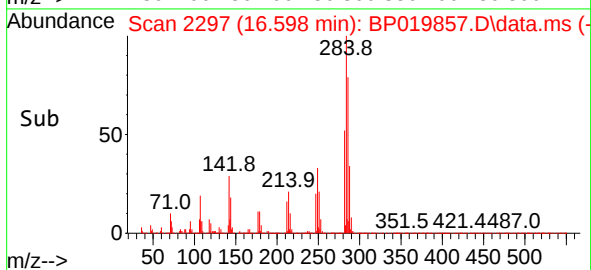
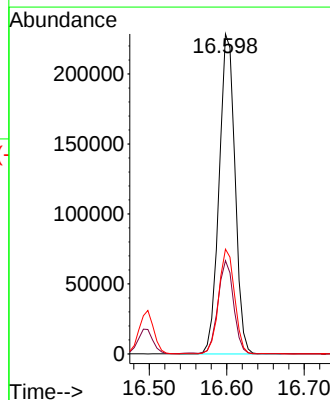
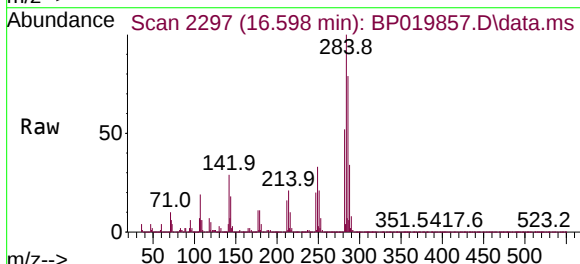
Instrument :
BNA_P
ClientSampleId :
PB159229BS

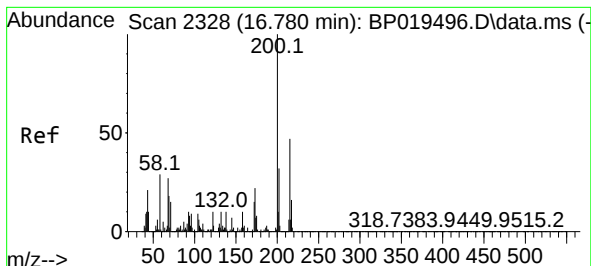
Tgt Ion:248 Resp: 280882
Ion Ratio Lower Upper
248 100
250 96.9 76.9 115.3
141 66.3 58.0 87.0



#68
Hexachlorobenzene
Concen: 44.865 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:284 Resp: 324962
Ion Ratio Lower Upper
284 100
142 29.1 25.4 38.2
249 32.7 26.5 39.7





#69

Atrazine

Concen: 49.917 ng

RT: 16.781 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

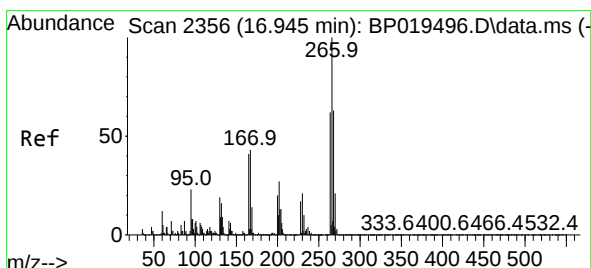
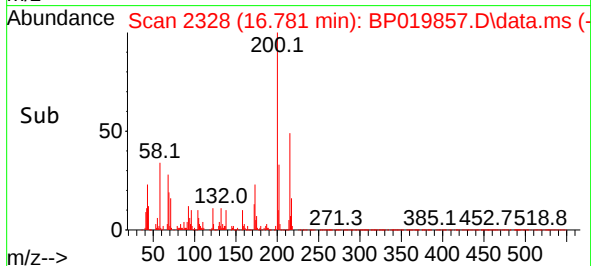
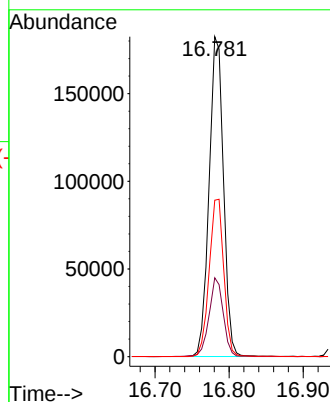
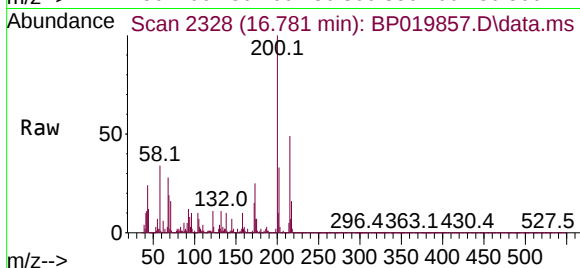
Tgt Ion:200 Resp: 246129

Ion Ratio Lower Upper

200 100

173 24.6 1.7 41.7

215 48.9 26.9 66.9



#70

Pentachlorophenol

Concen: 95.174 ng

RT: 16.957 min Scan# 2358

Delta R.T. -0.000 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

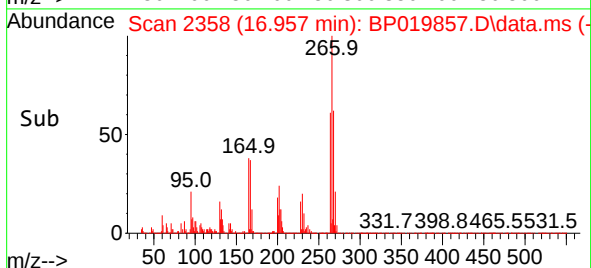
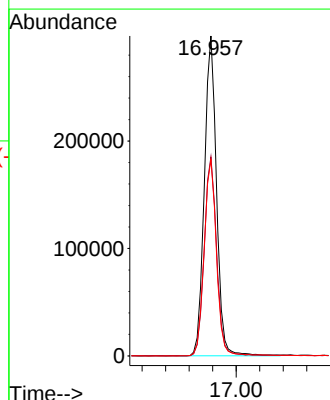
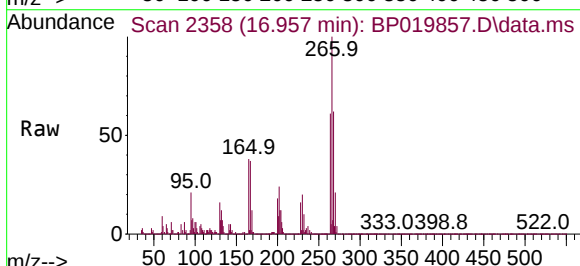
Tgt Ion:266 Resp: 429292

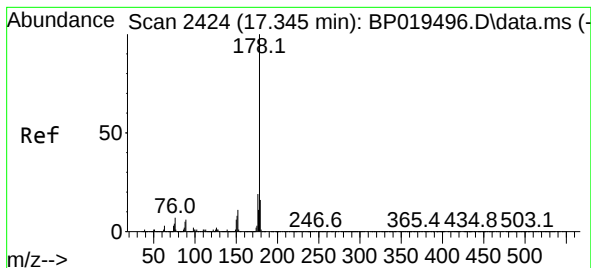
Ion Ratio Lower Upper

266 100

268 62.1 50.3 75.5

264 61.4 49.7 74.5





#71

Phenanthrene

Concen: 46.178 ng

RT: 17.351 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

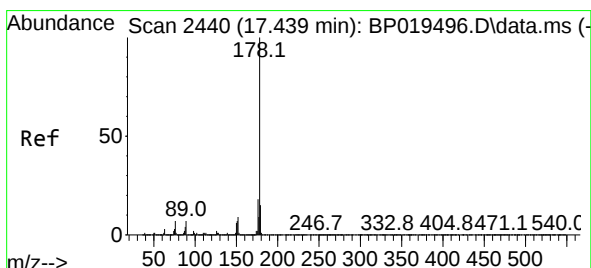
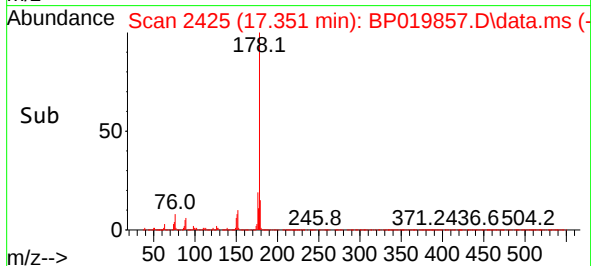
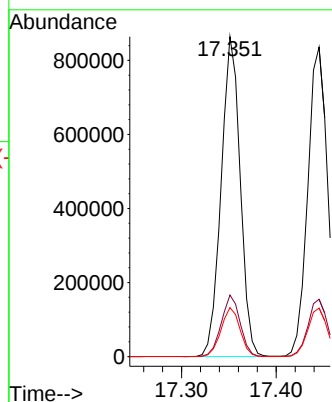
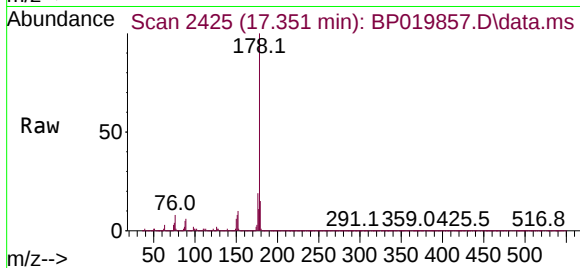
Tgt Ion:178 Resp: 1205745

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 46.523 ng

RT: 17.445 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

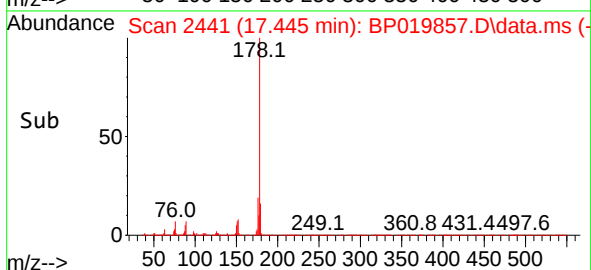
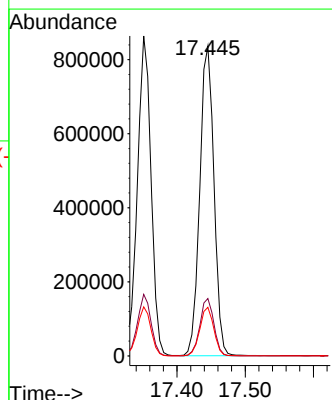
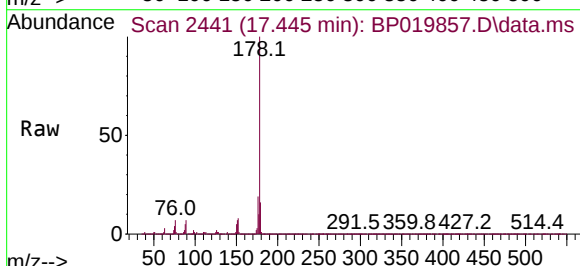
Tgt Ion:178 Resp: 1211778

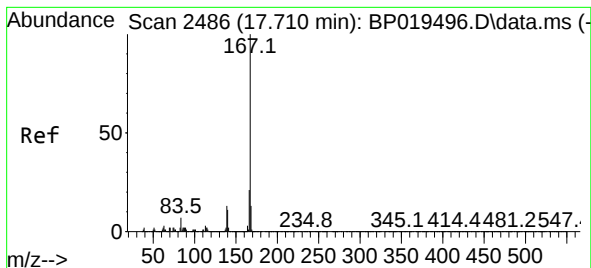
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.7 12.2 18.2





#73

Carbazole

Concen: 44.913 ng

RT: 17.722 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

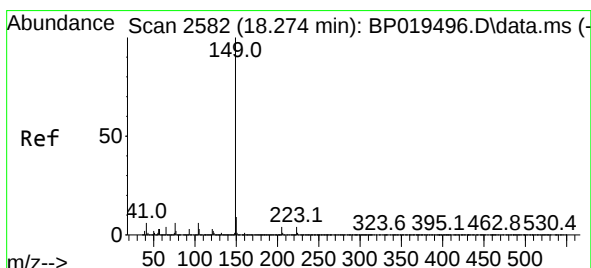
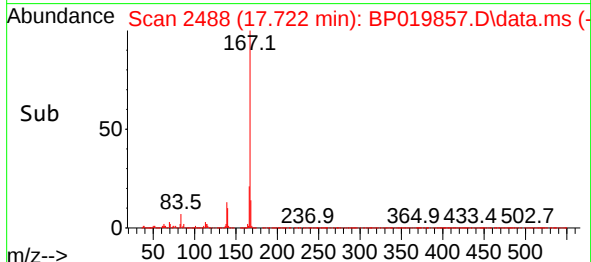
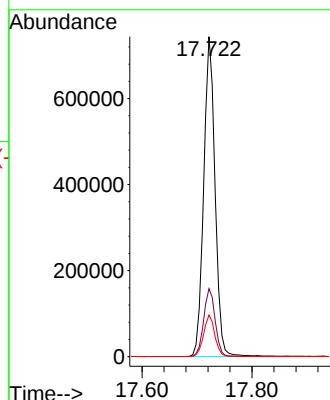
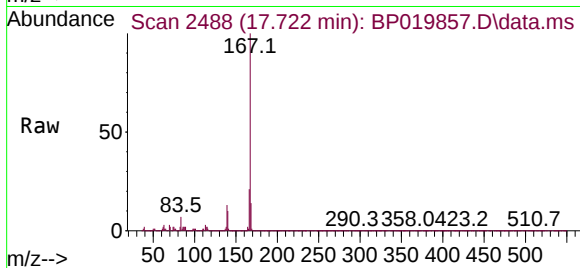
BNA_P

ClientSampleId :

PB159229BS

Tgt Ion:167 Resp: 1062758

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.0	10.6	15.8



#74

Di-n-butylphthalate

Concen: 46.611 ng

RT: 18.275 min Scan# 2582

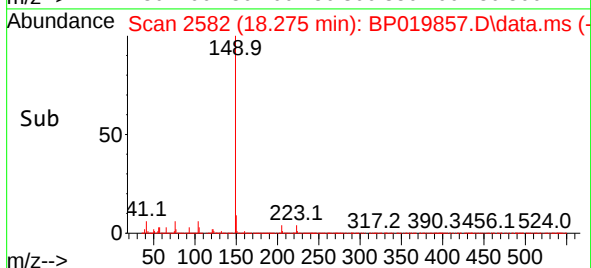
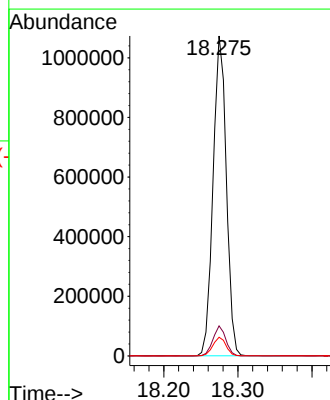
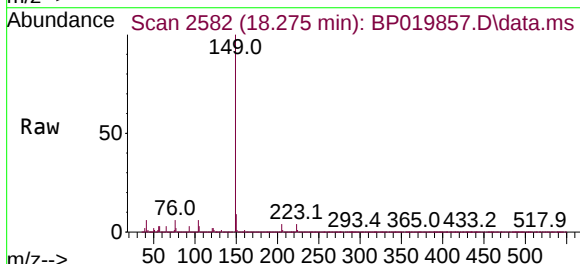
Delta R.T. -0.006 min

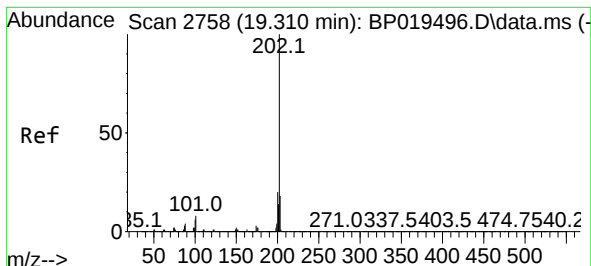
Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Tgt Ion:149 Resp: 1333583

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	5.8	4.8	7.2





#75

Fluoranthene

Concen: 45.760 ng

RT: 19.327 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

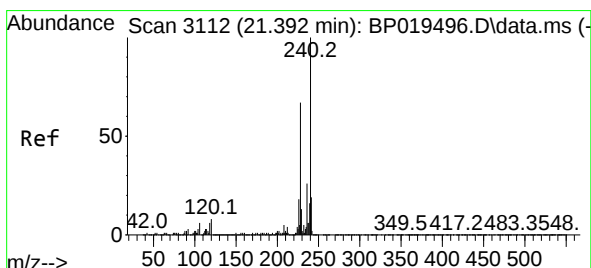
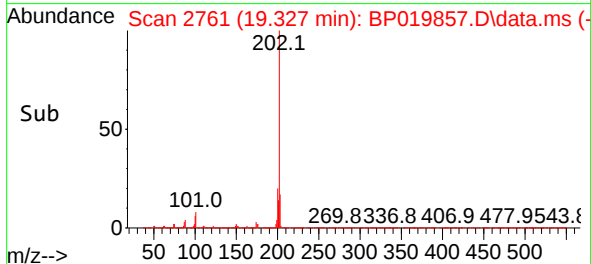
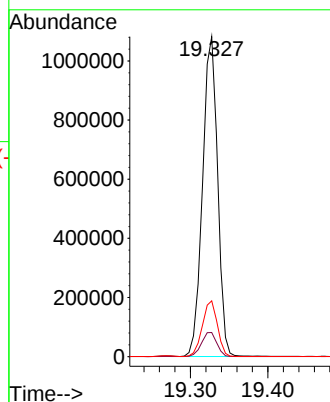
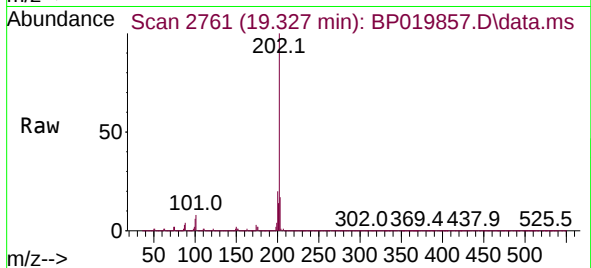
Tgt Ion:202 Resp: 1459605

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.7

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

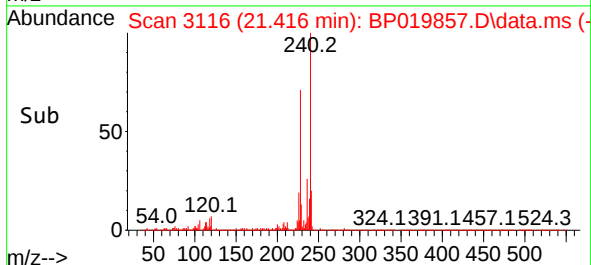
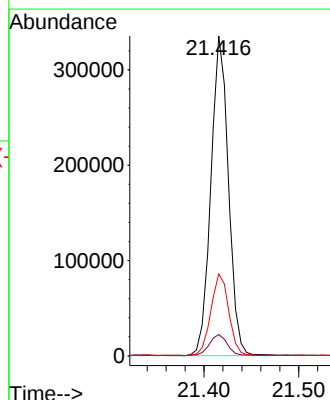
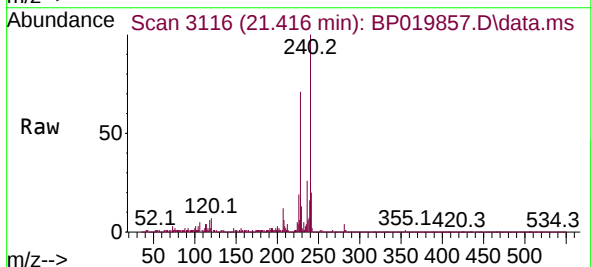
Tgt Ion:240 Resp: 431943

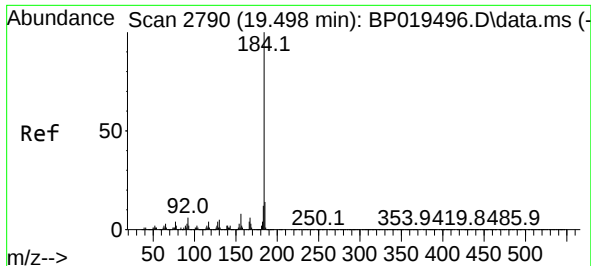
Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

236 25.6 20.7 31.1

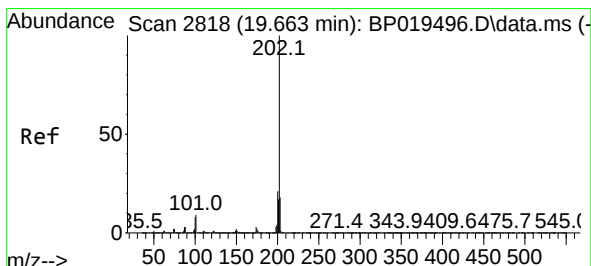
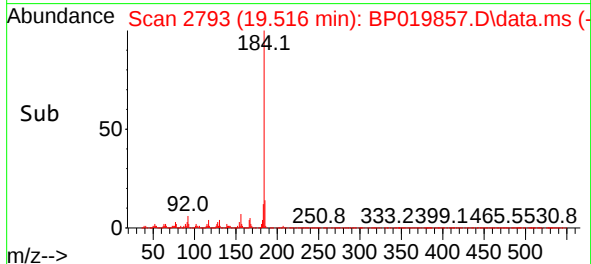
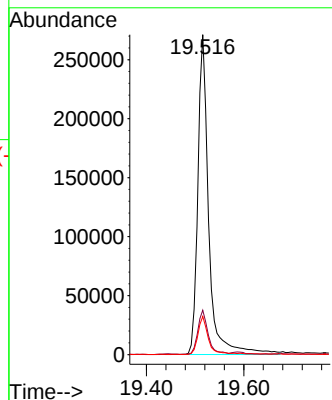
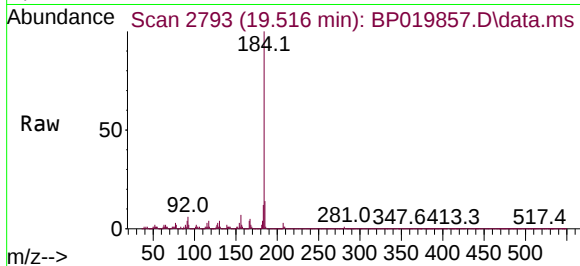




#77
Benzidine
Concen: 46.440 ng
RT: 19.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

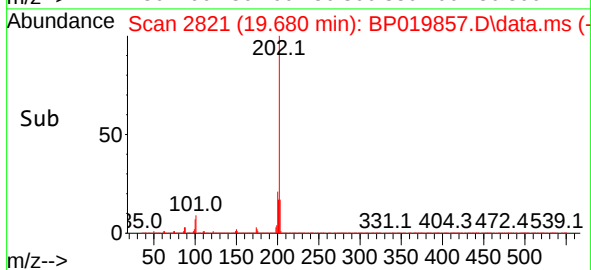
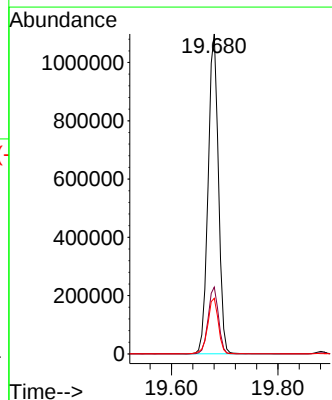
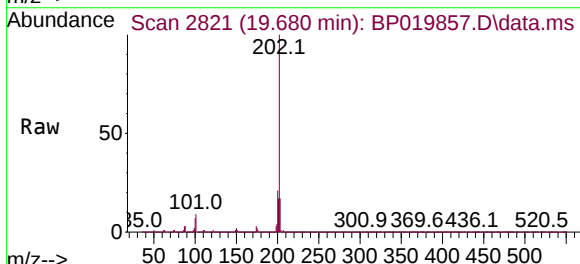
Instrument :
BNA_P
ClientSampleId :
PB159229BS

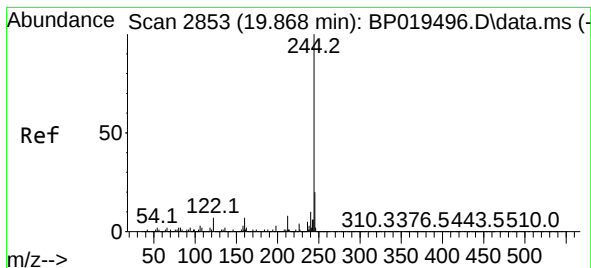
Tgt Ion:184 Resp: 419378
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.9 9.7 14.5



#78
Pyrene
Concen: 48.323 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:202 Resp: 1473120
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 98.209 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

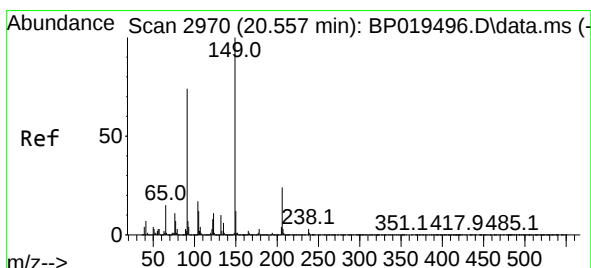
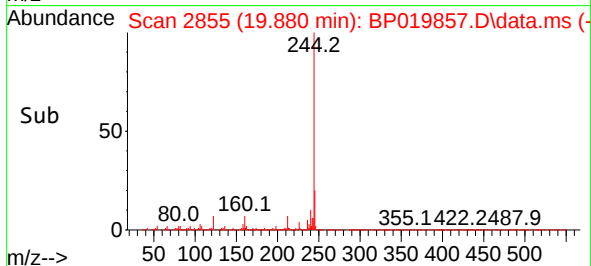
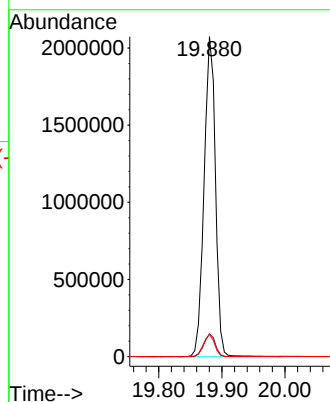
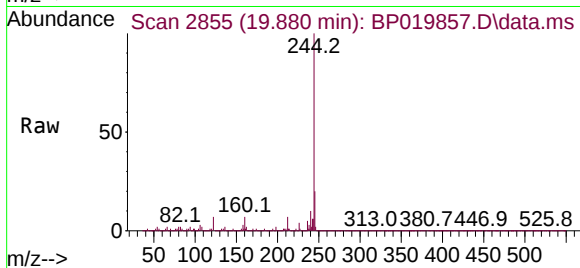
Tgt Ion:244 Resp: 2579476

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 7.0 5.9 8.9



#80

Butylbenzylphthalate

Concen: 49.611 ng

RT: 20.569 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

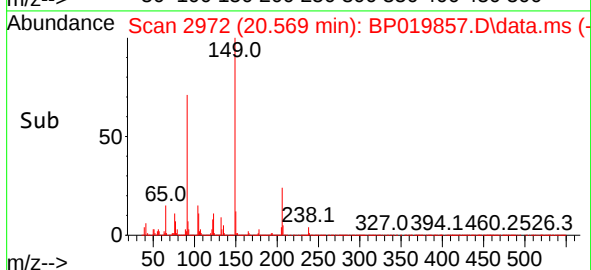
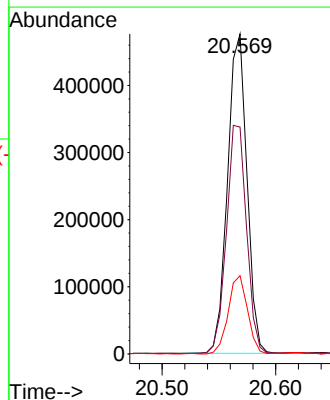
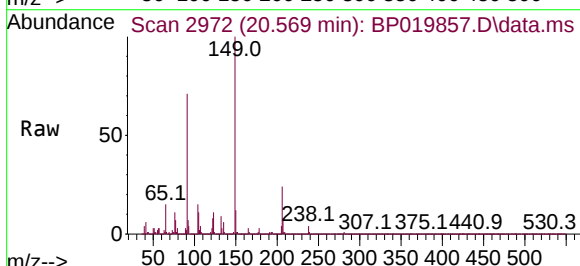
Tgt Ion:149 Resp: 564793

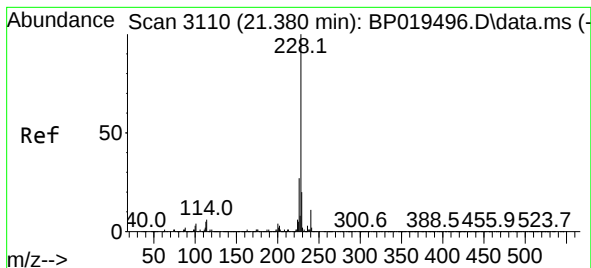
Ion Ratio Lower Upper

149 100

91 70.9 59.4 89.0

206 24.4 19.0 28.6





#81

Benzo(a)anthracene

Concen: 46.397 ng

RT: 21.398 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

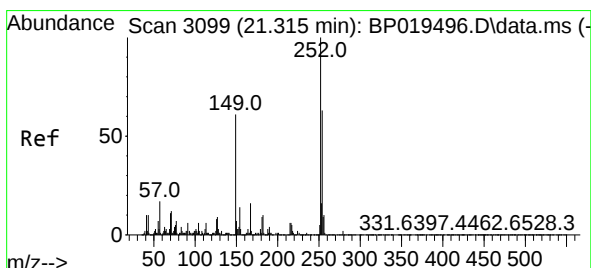
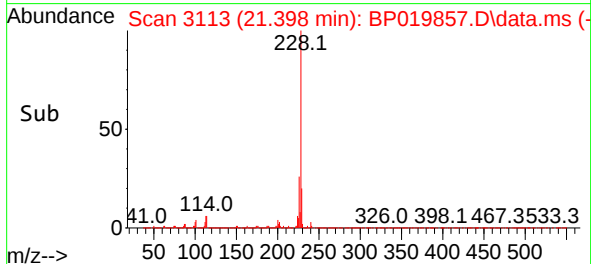
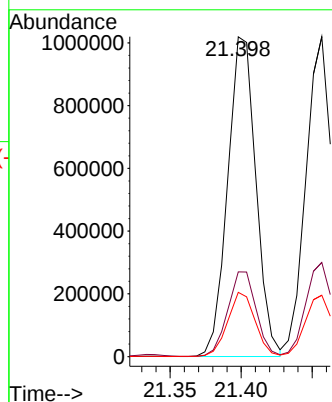
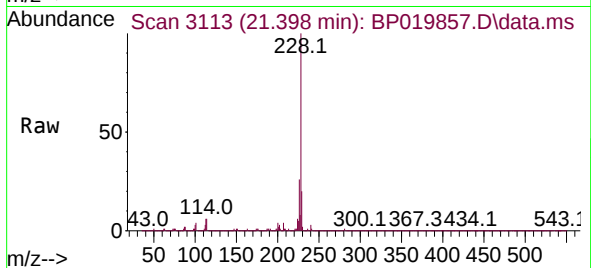
Tgt Ion:228 Resp: 1410737

Ion Ratio Lower Upper

228 100

226 26.5 21.7 32.5

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.084 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

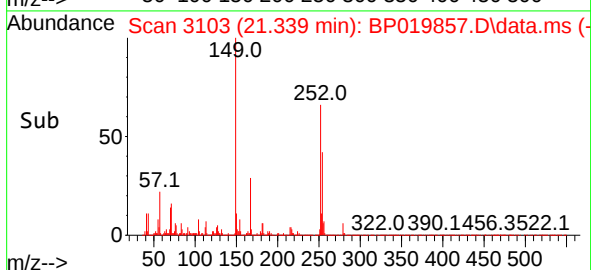
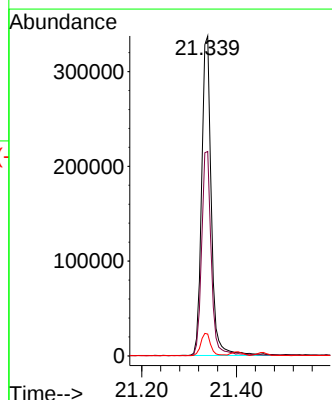
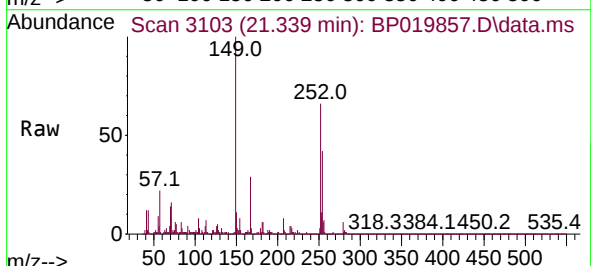
Tgt Ion:252 Resp: 477364

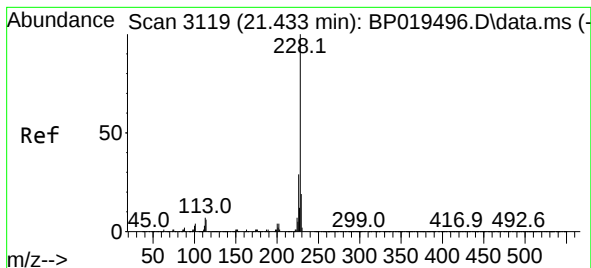
Ion Ratio Lower Upper

252 100

254 63.9 50.7 76.1

126 6.8 6.4 9.6





#83

Chrysene

Concen: 45.801 ng

RT: 21.457 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

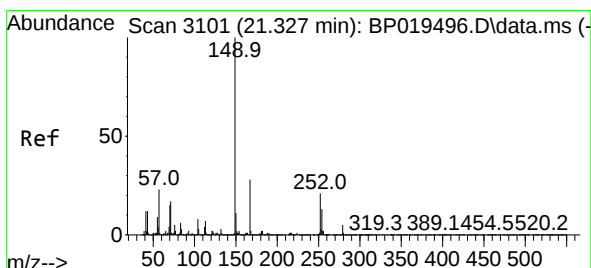
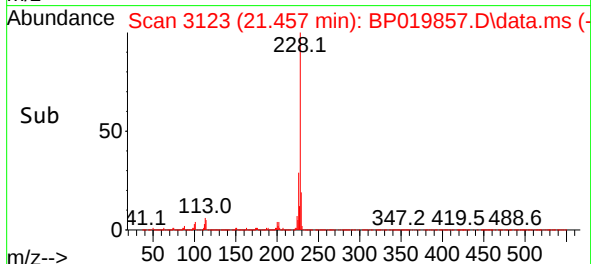
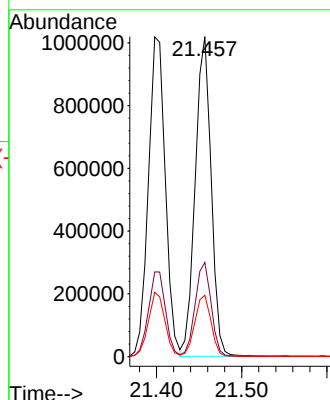
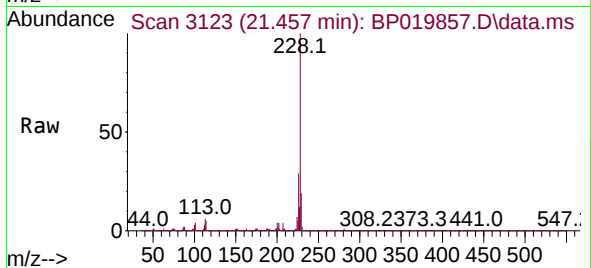
Tgt Ion:228 Resp: 1322140

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.691 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

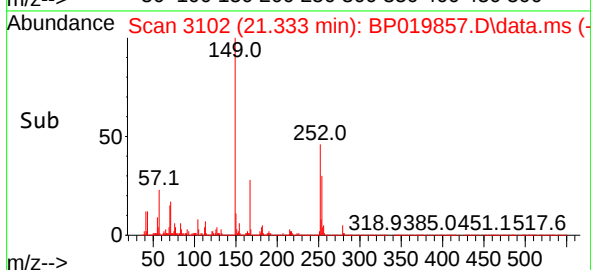
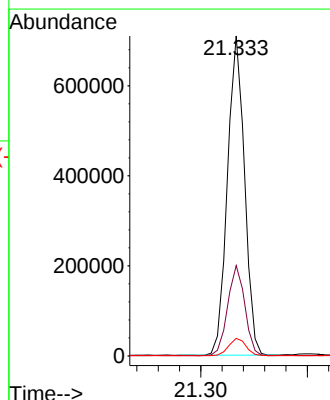
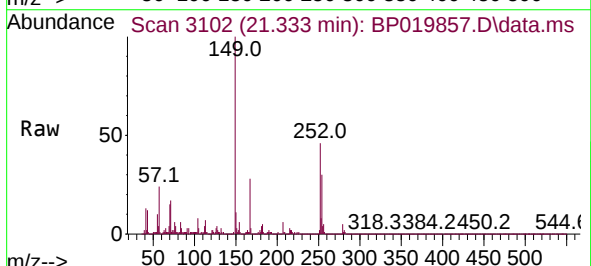
Tgt Ion:149 Resp: 792070

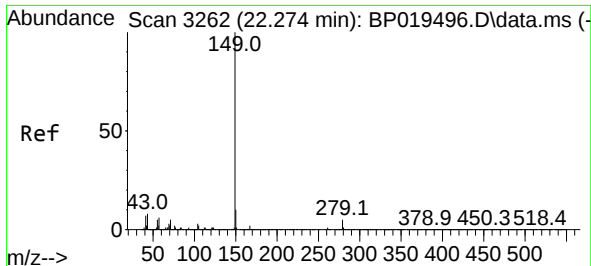
Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

279 5.5 4.2 6.2

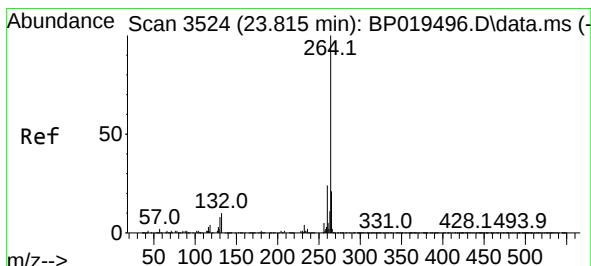
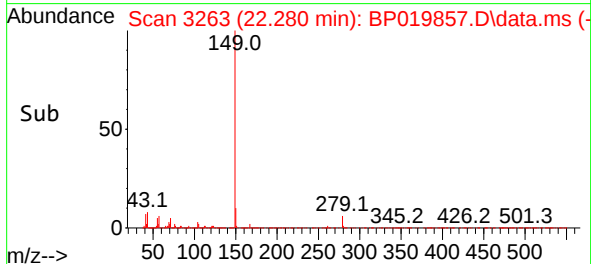
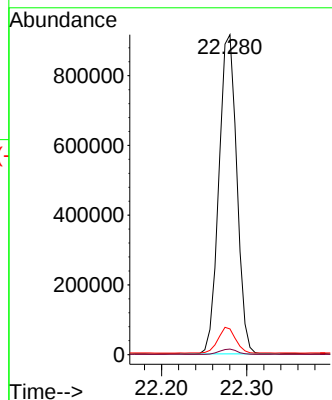
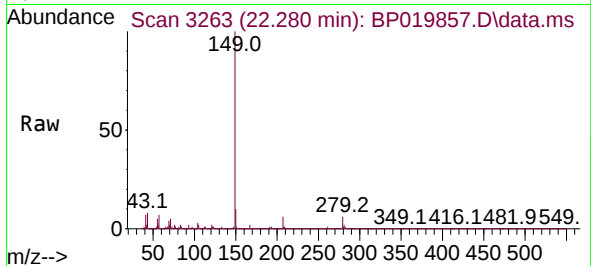




#85
Di-n-octyl phthalate
Concen: 43.730 ng
RT: 22.280 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

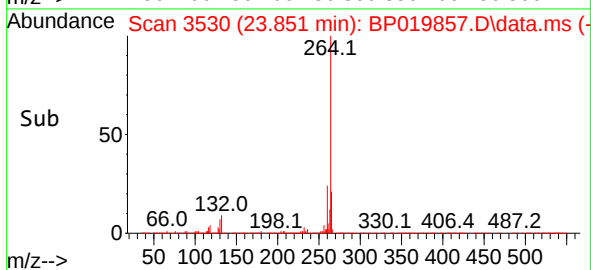
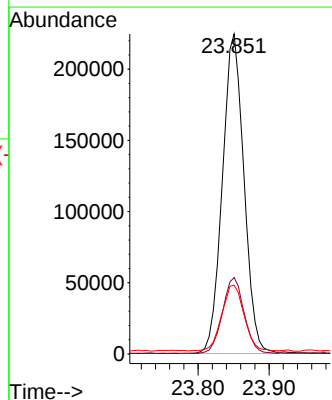
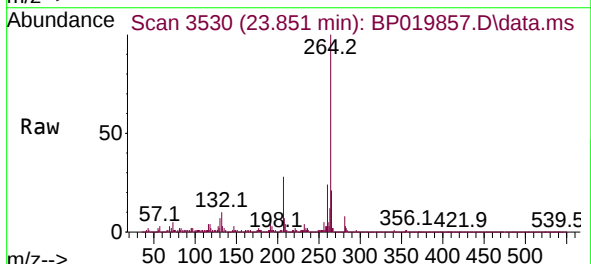
Instrument :
BNA_P
ClientSampleId :
PB159229BS

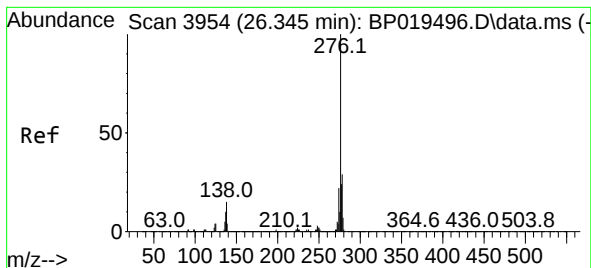
Tgt Ion:149 Resp: 1333801
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 3530
Delta R.T. -0.018 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:264 Resp: 474560
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.327 ng

RT: 26.409 min Scan# 3954

Delta R.T. -0.024 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

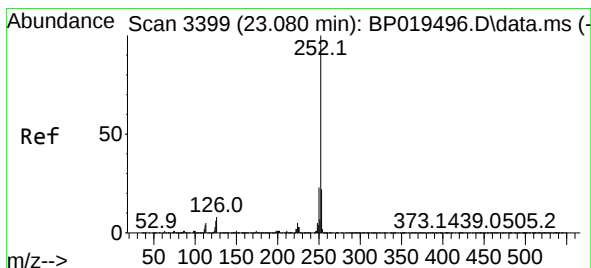
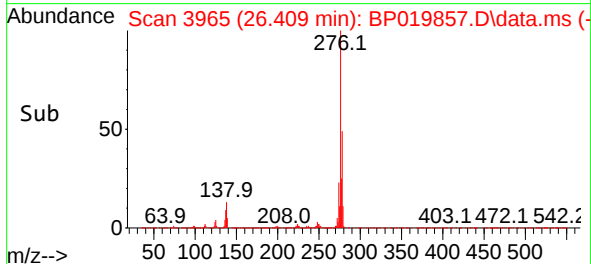
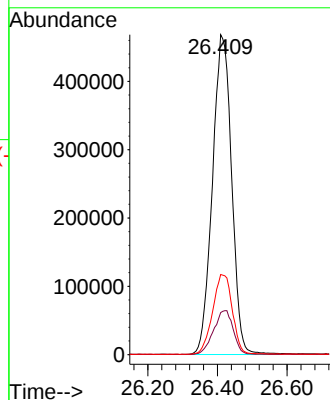
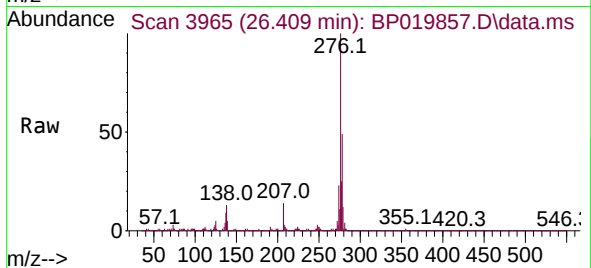
Tgt Ion:276 Resp: 1791853

Ion Ratio Lower Upper

276 100

138 14.1 13.1 19.7

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.849 ng

RT: 23.110 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

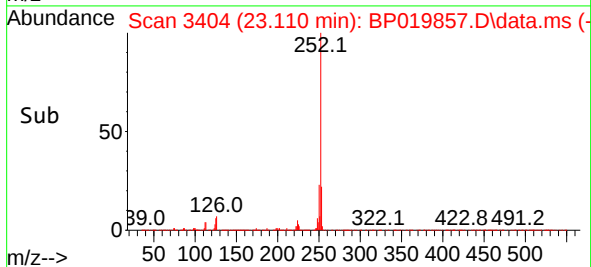
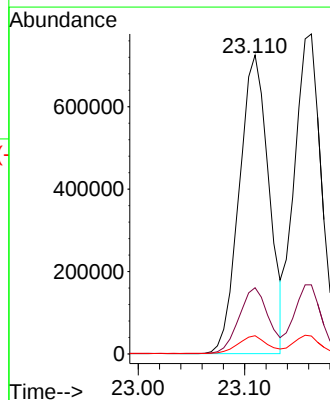
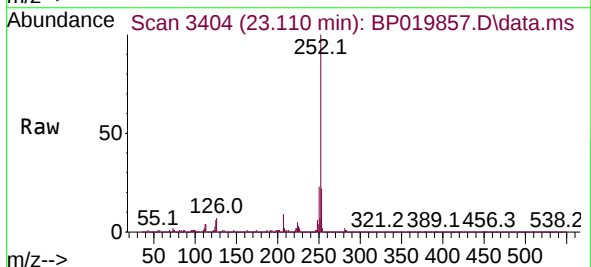
Tgt Ion:252 Resp: 1401220

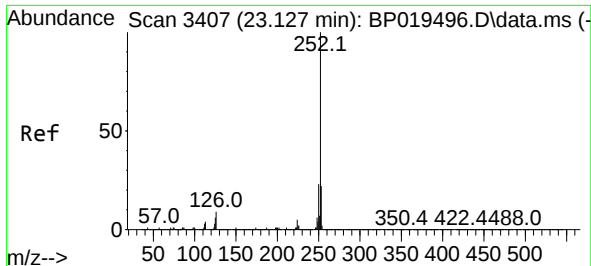
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 6.1 4.9 7.3

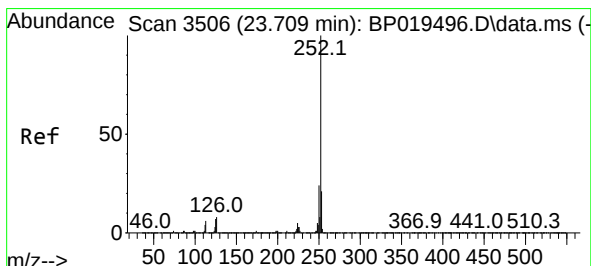
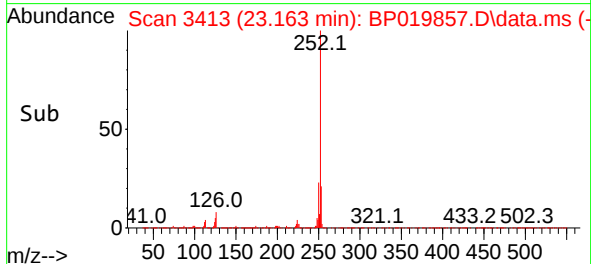
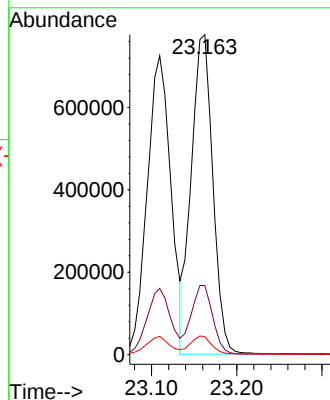
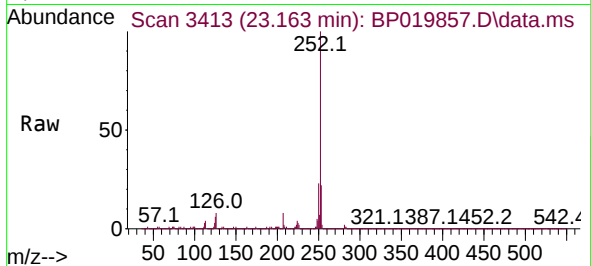




#89
Benzo(k)fluoranthene
Concen: 47.883 ng
RT: 23.163 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

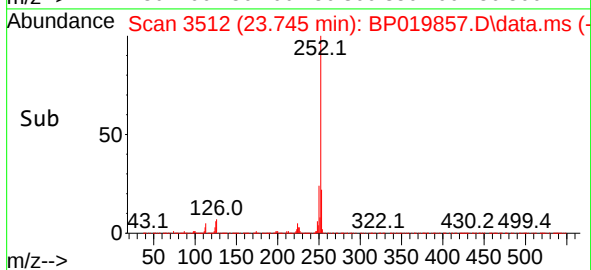
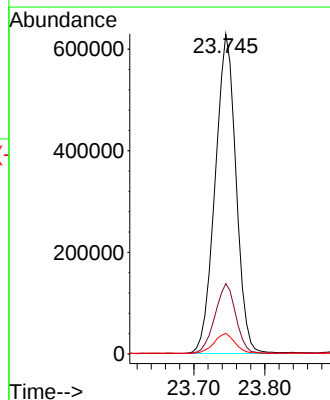
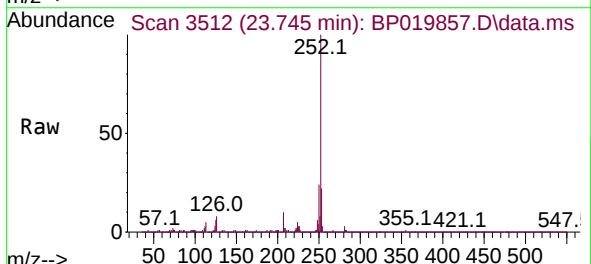
Instrument :
BNA_P
ClientSampleId :
PB159229BS

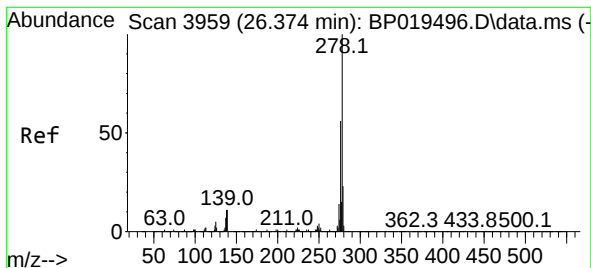
Tgt Ion:252 Resp: 1368027
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.6 5.0 7.6



#90
Benzo(a)pyrene
Concen: 48.415 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.018 min
Lab File: BP019857.D
Acq: 24 Feb 2024 12:30

Tgt Ion:252 Resp: 1288448
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.4 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 50.129 ng

RT: 26.433 min Scan# 3959

Delta R.T. -0.024 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Instrument :

BNA_P

ClientSampleId :

PB159229BS

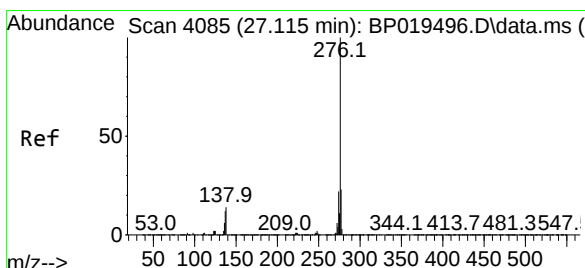
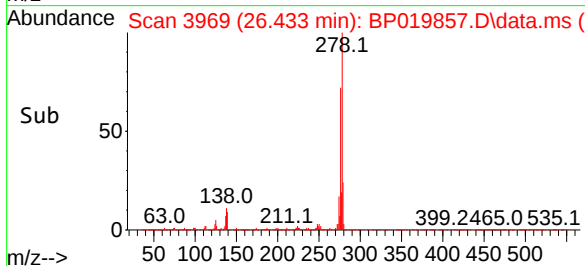
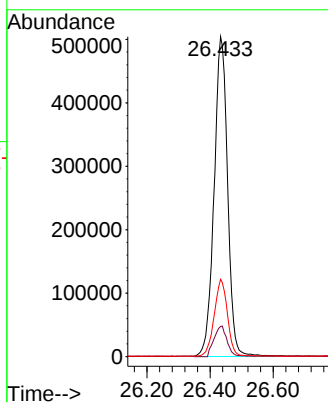
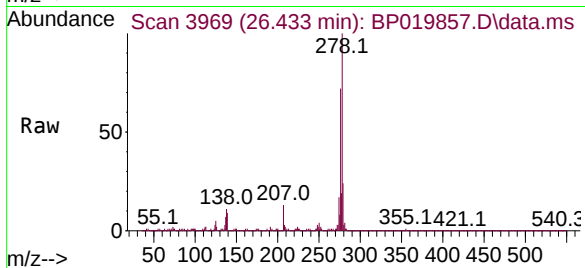
Tgt Ion:278 Resp: 1497687

Ion Ratio Lower Upper

278 100

139 9.4 8.6 12.8

279 24.2 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 47.039 ng

RT: 27.198 min Scan# 4099

Delta R.T. -0.018 min

Lab File: BP019857.D

Acq: 24 Feb 2024 12:30

Tgt Ion:276 Resp: 1425744

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 11.8 10.9 16.3

