

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019658.D
 Acq On : 12 Feb 2024 12:31
 Operator : MA/JU
 Sample : PB158945BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158945BS

Quant Time: Feb 12 13:05:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	85015	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	300048	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	180779	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	401437	20.000	ng	0.00
76) Chrysene-d12	21.392	240	419447	20.000	ng	0.00
86) Perylene-d12	23.810	264	515518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	686095	130.087	ng	0.00
7) Phenol-d6	7.081	99	857939	120.642	ng	0.00
23) Nitrobenzene-d5	9.075	82	587051	84.779	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	420489	159.306	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1263040	86.371	ng	-0.01
79) Terphenyl-d14	19.863	244	2182181	85.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	74334	36.581	ng	97
3) Pyridine	3.781	79	192419	34.928	ng	97
4) n-Nitrosodimethylamine	3.705	42	102705	42.820	ng	92
6) Aniline	7.240	93	202607	29.321	ng	97
8) 2-Chlorophenol	7.469	128	242733	44.828	ng	97
9) Benzaldehyde	7.052	77	15495	3.108	ng	97
10) Phenol	7.111	94	304336	42.938	ng	97
11) bis(2-Chloroethyl)ether	7.346	93	237492	43.068	ng	97
12) 1,3-Dichlorobenzene	7.793	146	285138	43.035	ng	97
13) 1,4-Dichlorobenzene	7.940	146	289994	43.201	ng	99
14) 1,2-Dichlorobenzene	8.252	146	275579	42.430	ng	99
15) Benzyl Alcohol	8.152	79	241683	42.534	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	231016	41.894	ng	97
17) 2-Methylphenol	8.358	107	203708	42.690	ng	98
18) Hexachloroethane	8.975	117	109854	42.220	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	188552	38.817	ng	97
20) 3+4-Methylphenols	8.687	107	270226	41.494	ng	97
22) Acetophenone	8.740	105	377532	44.167	ng	# 97
24) Nitrobenzene	9.122	77	290024	41.599	ng	96
25) Isophorone	9.646	82	508135	42.136	ng	99
26) 2-Nitrophenol	9.822	139	132451	49.825	ng	96
27) 2,4-Dimethylphenol	9.887	122	174172	51.239	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	291200	42.679	ng	100
29) 2,4-Dichlorophenol	10.358	162	234314	45.600	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	283039	44.924	ng	100
31) Naphthalene	10.758	128	711690	43.247	ng	99
32) Benzoic acid	10.034	122	167454	50.562	ng	98
33) 4-Chloroaniline	10.881	127	83574	13.733	ng	95
34) Hexachlorobutadiene	11.028	225	206200	44.166	ng	97
35) Caprolactam	11.675	113	67571	46.452	ng	91
36) 4-Chloro-3-methylphenol	11.999	107	247025	44.089	ng	100
37) 2-Methylnaphthalene	12.369	142	488103	42.859	ng	99
38) 1-Methylnaphthalene	12.587	142	459877	41.091	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	336081	48.204	ng	99
41) Hexachlorocyclopentadiene	12.699	237	353414	112.210	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	202729	48.021	ng	99

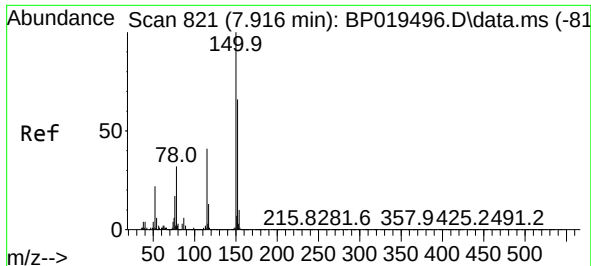
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	222555	48.008	ng	98
46) 1,1'-Biphenyl	13.381	154	647292	44.862	ng	99
47) 2-Chloronaphthalene	13.416	162	521295	44.013	ng	99
48) 2-Nitroaniline	13.634	65	155546	46.966	ng	96
49) Acenaphthylene	14.263	152	809320	48.705	ng	98
50) Dimethylphthalate	14.010	163	642974	46.460	ng	98
51) 2,6-Dinitrotoluene	14.134	165	140331	46.153	ng	95
52) Acenaphthene	14.604	154	455799	44.195	ng	98
53) 3-Nitroaniline	14.457	138	88132	31.540	ng	99
54) 2,4-Dinitrophenol	14.669	184	165454	104.804	ng	97
55) Dibenzofuran	14.940	168	774704	46.120	ng	99
56) 4-Nitrophenol	14.769	139	237210	103.572	ng	99
57) 2,4-Dinitrotoluene	14.916	165	195987	49.188	ng	97
58) Fluorene	15.593	166	618641	46.241	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	203646	52.226	ng	97
60) Diethylphthalate	15.381	149	641335	46.591	ng	99
61) 4-Chlorophenyl-phenyle...	15.593	204	350465	46.607	ng	95
62) 4-Nitroaniline	15.622	138	135638	46.310	ng	96
63) Azobenzene	15.887	77	590081	44.330	ng	96
65) 4,6-Dinitro-2-methylph...	15.681	198	111435	48.682	ng	96
66) n-Nitrosodiphenylamine	15.810	169	541310	45.024	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	227448	45.322	ng	97
68) Hexachlorobenzene	16.587	284	261852	44.681	ng	98
69) Atrazine	16.775	200	205614	51.539	ng	96
70) Pentachlorophenol	16.940	266	367674	100.745	ng	97
71) Phenanthrene	17.340	178	986658	46.703	ng	98
72) Anthracene	17.428	178	984549	46.717	ng	99
73) Carbazole	17.710	167	893298	46.659	ng	99
74) Di-n-butylphthalate	18.269	149	1082335	46.755	ng	99
75) Fluoranthene	19.310	202	1226463	47.523	ng	99
77) Benzidine	19.498	184	479550	54.685	ng	99
78) Pyrene	19.663	202	1266641	42.788	ng	99
80) Butylbenzylphthalate	20.551	149	491437	44.454	ng	95
81) Benzo(a)anthracene	21.375	228	1379325	46.716	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	475247	44.171	ng	99
83) Chrysene	21.428	228	1271855	45.371	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	714217	42.427	ng	100
85) Di-n-octyl phthalate	22.263	149	1270187	42.885	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1863895	47.234	ng	99
88) Benzo(b)fluoranthene	23.075	252	1481332	45.592	ng	99
89) Benzo(k)fluoranthene	23.122	252	1418660	45.710	ng	99
90) Benzo(a)pyrene	23.704	252	1365917	47.248	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1532537	47.220	ng	97
92) Benzo(g,h,i)perylene	27.121	276	1484536	45.087	ng	99

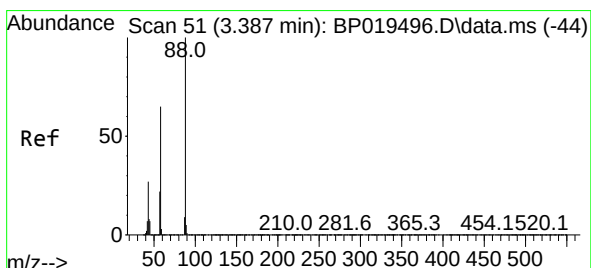
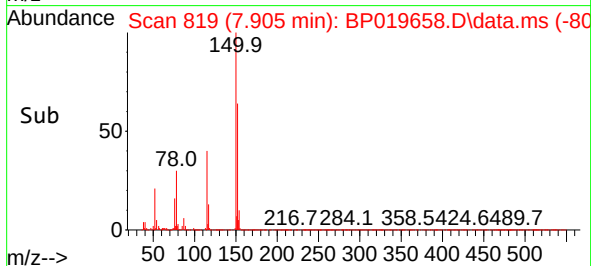
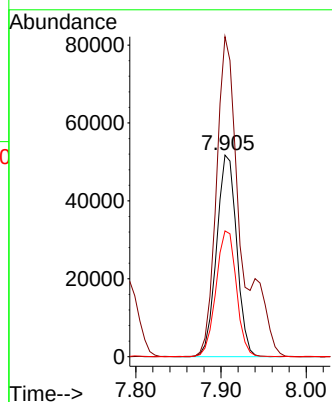
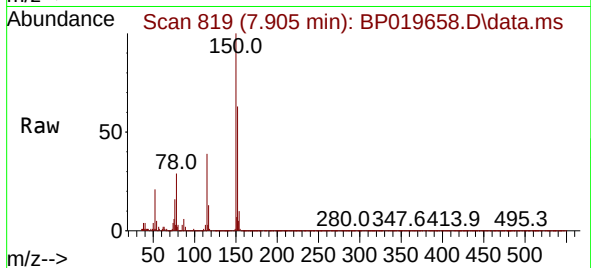
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019658.D
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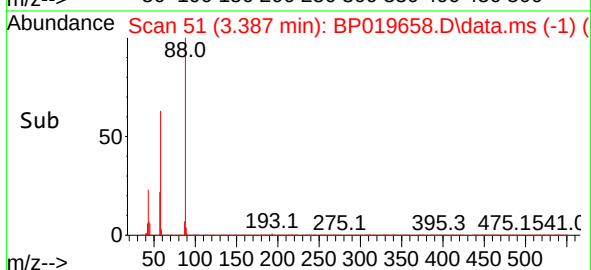
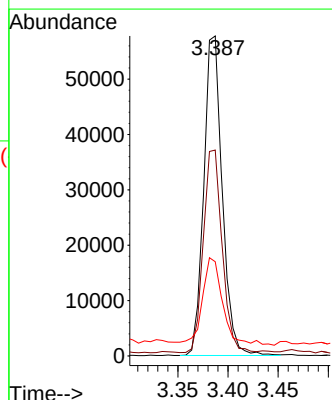
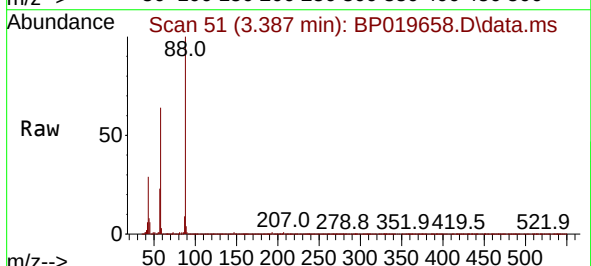
Instrument :
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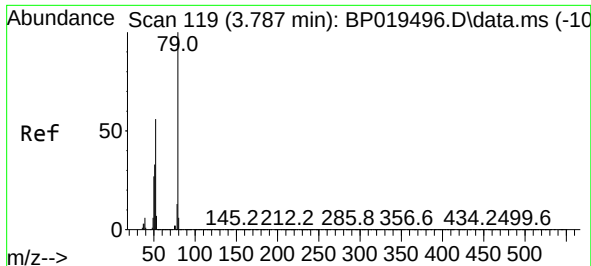
Tgt Ion:152 Resp: 85015
Ion Ratio Lower Upper
152 100
150 158.8 121.8 182.8
115 62.4 49.9 74.9



#2
1,4-Dioxane
Concen: 36.581 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 88 Resp: 74334
Ion Ratio Lower Upper
88 100
58 64.6 52.6 78.8
43 30.3 21.9 32.9

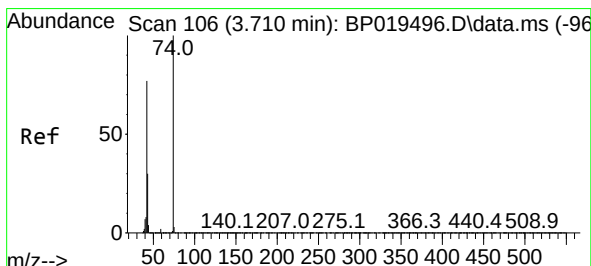
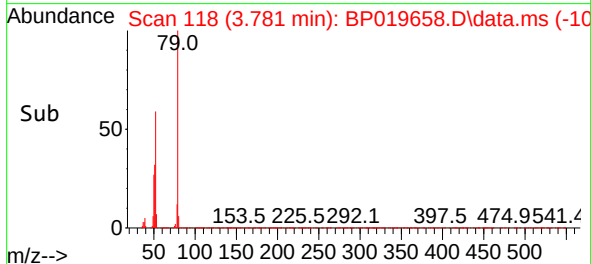
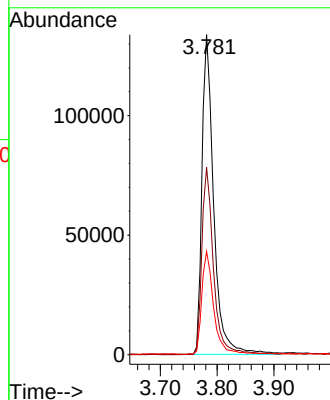
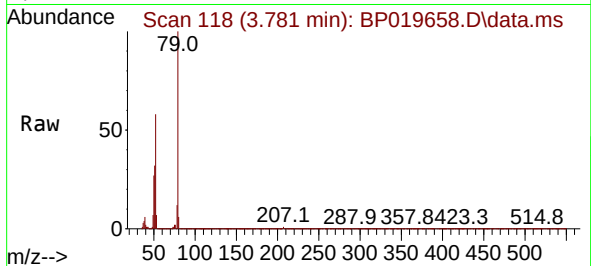




#3
Pyridine
Concen: 34.928 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

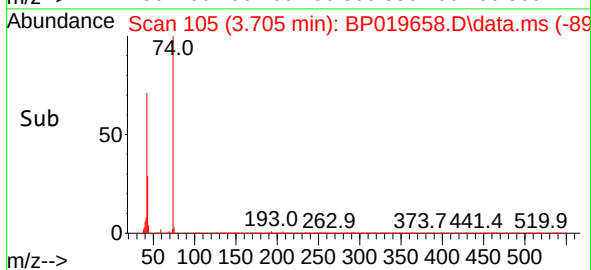
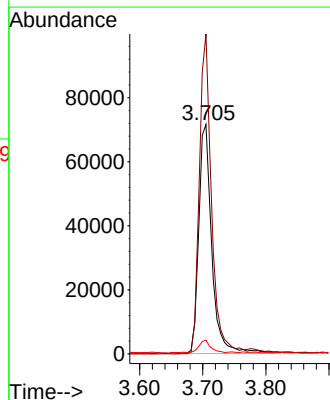
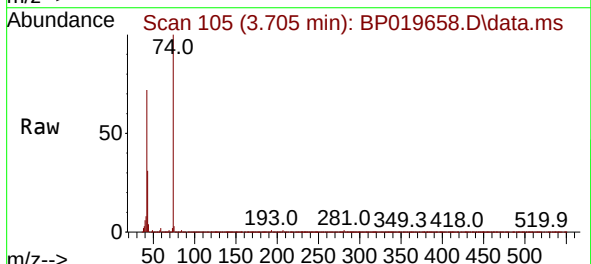
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ClientSampleId :
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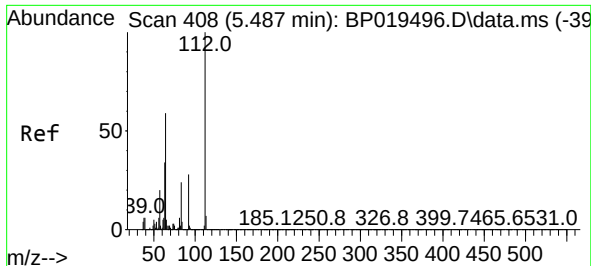
Tgt Ion: 79 Resp: 192419
Ion Ratio Lower Upper
79 100
52 58.5 45.0 67.6
51 32.2 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 42.820 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 42 Resp: 102705
Ion Ratio Lower Upper
42 100
74 139.5 103.4 155.2
44 6.1 4.8 7.2

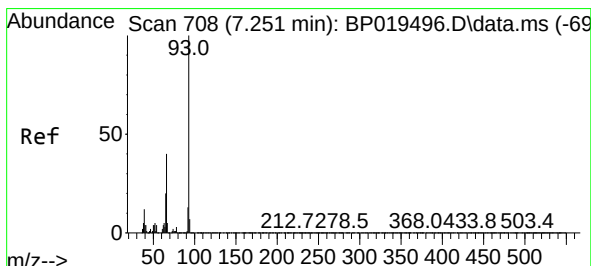
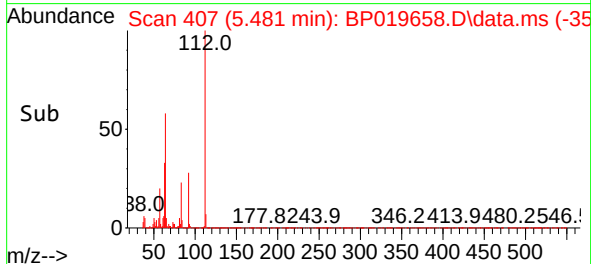
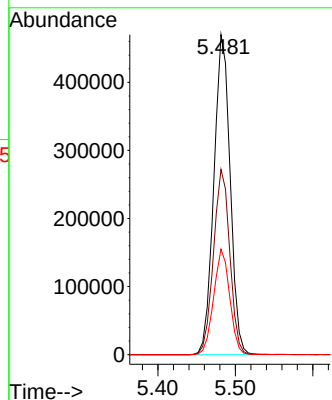
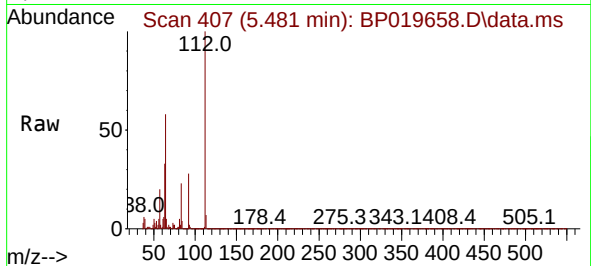




#5
2-Fluorophenol
Concen: 130.087 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

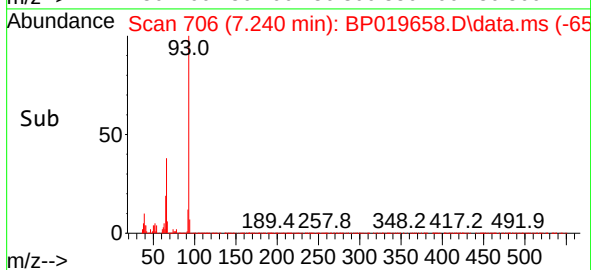
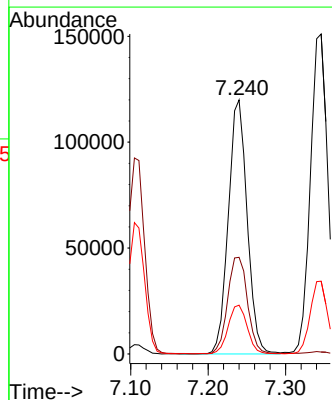
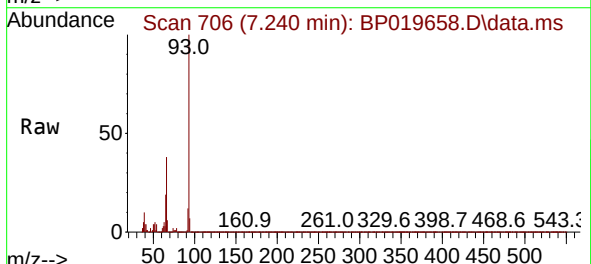
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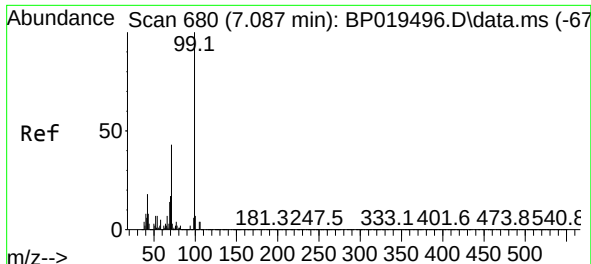
Tgt Ion:112 Resp: 686095
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.0
63 33.0 27.0 40.6



#6
Aniline
Concen: 29.321 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 93 Resp: 202607
Ion Ratio Lower Upper
93 100
66 38.0 32.3 48.5
65 19.2 16.4 24.6

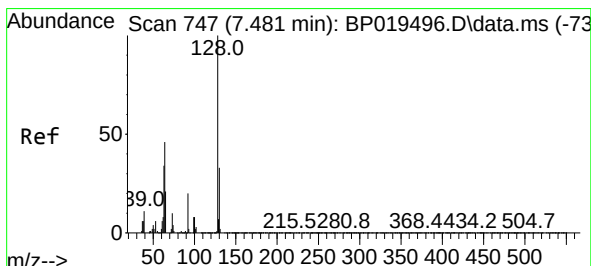
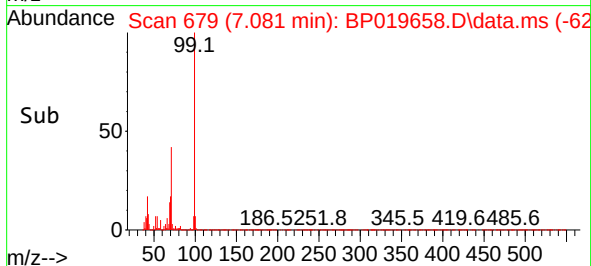
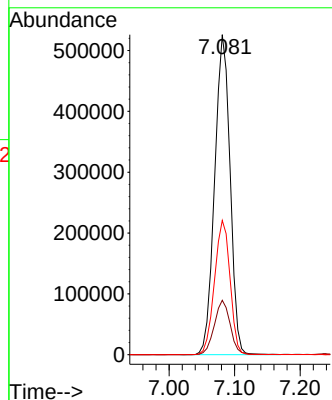
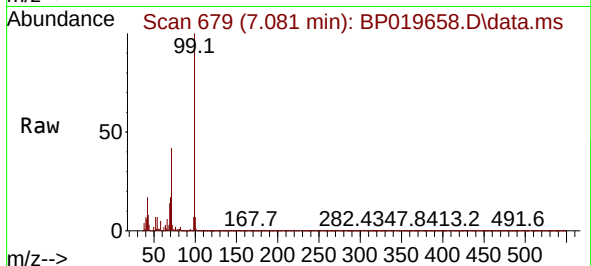




#7
Phenol-d6
Concen: 120.642 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

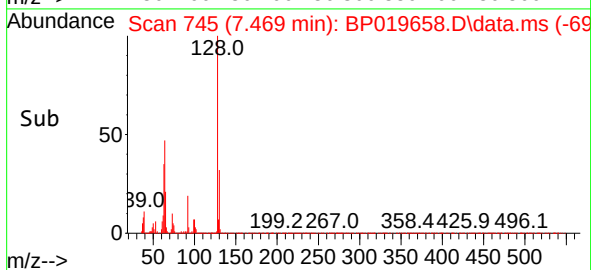
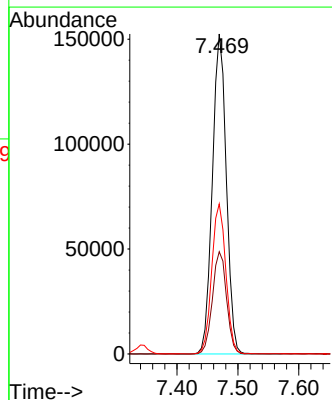
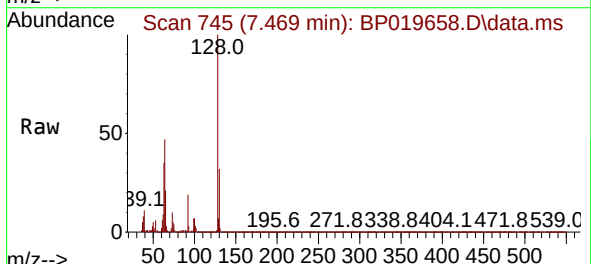
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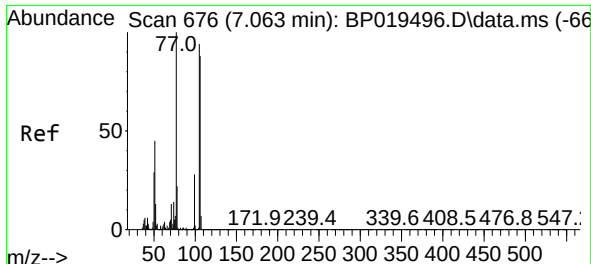
Tgt Ion: 99 Resp: 857939
Ion Ratio Lower Upper
99 100
42 17.0 14.7 22.1
71 41.9 34.8 52.2



#8
2-Chlorophenol
Concen: 44.828 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 128 Resp: 242733
Ion Ratio Lower Upper
128 100
130 32.0 13.3 53.3
64 46.9 29.7 69.7

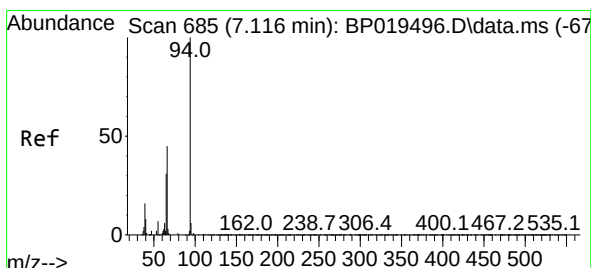
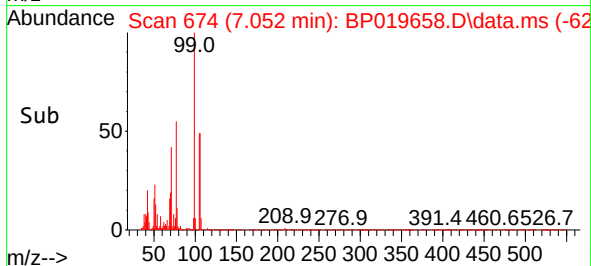
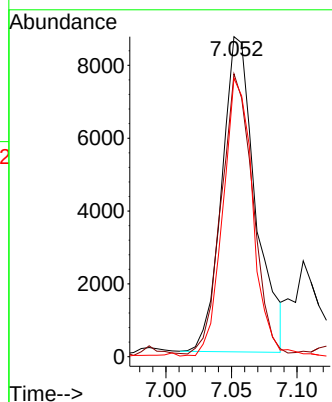
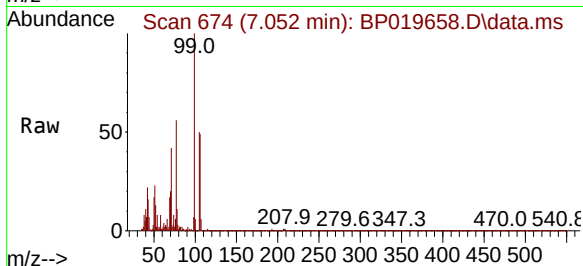




#9
Benzaldehyde
Concen: 3.108 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

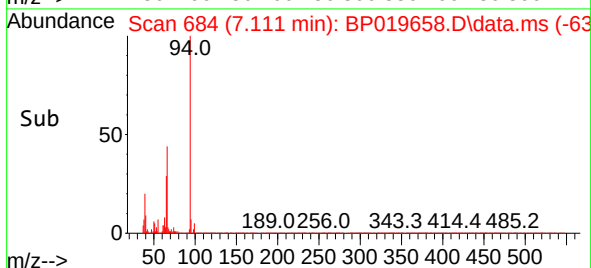
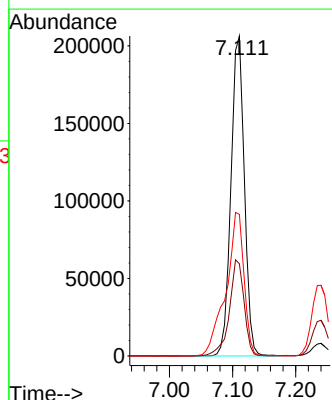
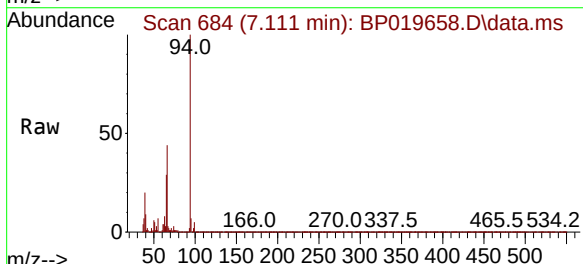
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BNA_P
ClientSampleId :
PB158945BS

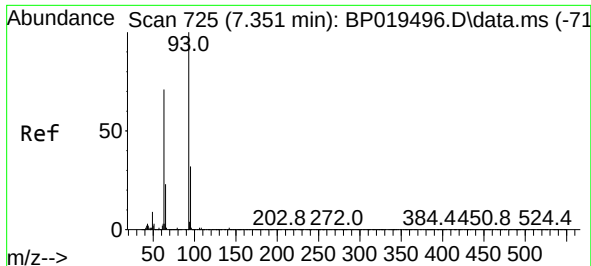
Tgt Ion: 77 Resp: 15495
Ion Ratio Lower Upper
77 100
105 88.4 74.0 114.0
106 87.0 67.8 107.8



#10
Phenol
Concen: 42.938 ng
RT: 7.111 min Scan# 684
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 94 Resp: 304336
Ion Ratio Lower Upper
94 100
65 28.8 11.3 51.3
66 44.3 25.1 65.1

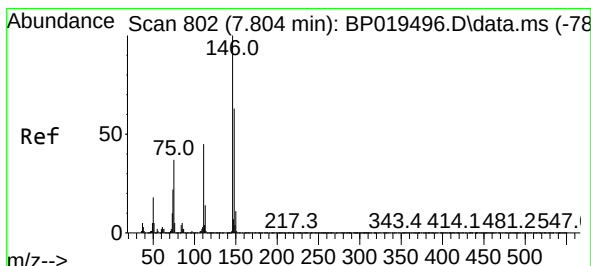
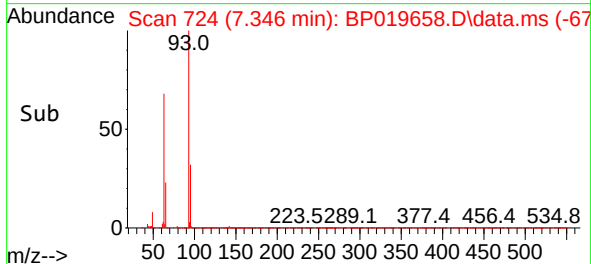
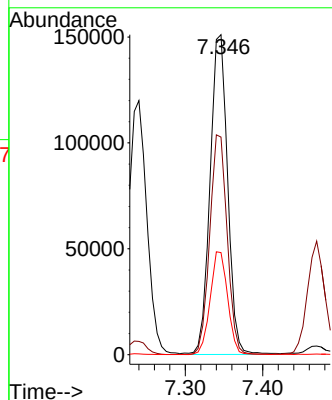
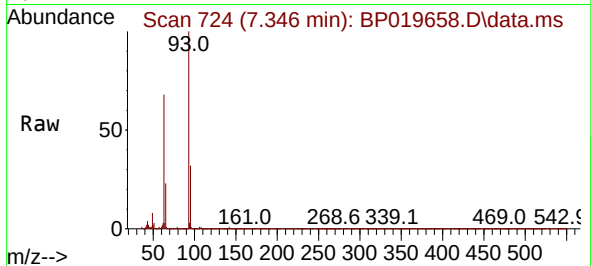




#11
bis(2-Chloroethyl)ether
Concen: 43.068 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

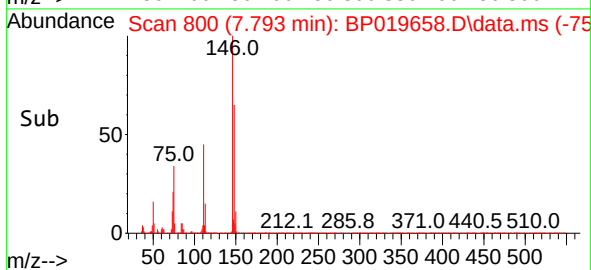
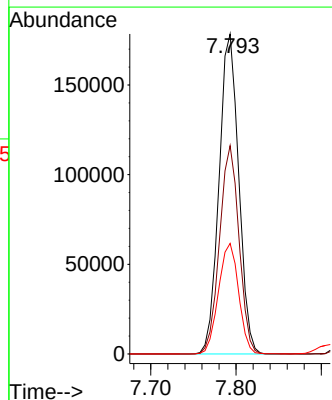
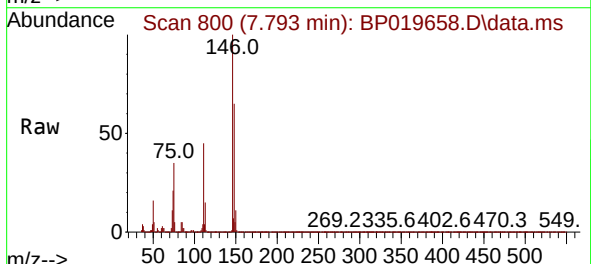
Instrument :
BNA_P
ClientSampleId :
PB158945BS

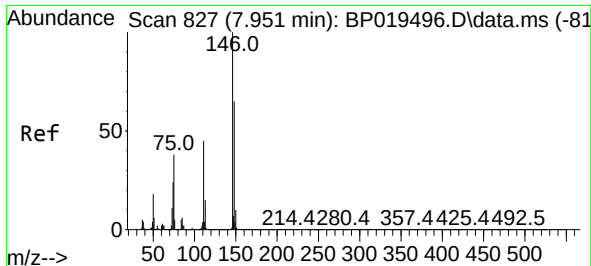
Tgt Ion: 93 Resp: 237492
Ion Ratio Lower Upper
93 100
63 68.0 51.2 91.2
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.035 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:146 Resp: 285138
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 34.5 29.9 44.9

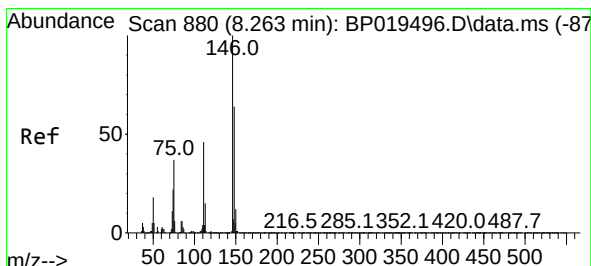
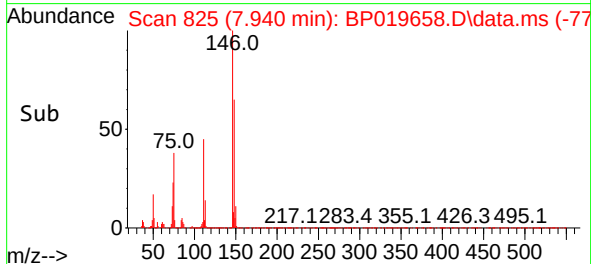
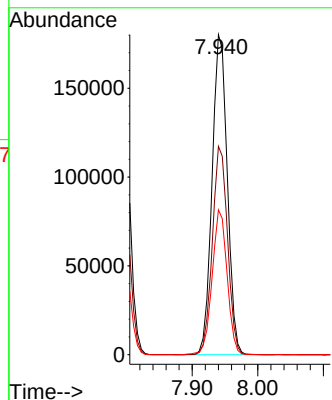
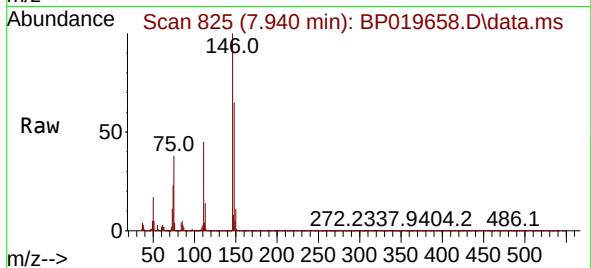




#13
1,4-Dichlorobenzene
Concen: 43.201 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

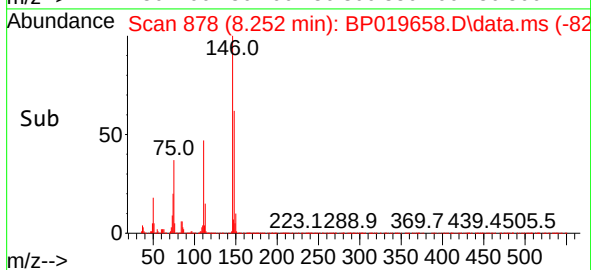
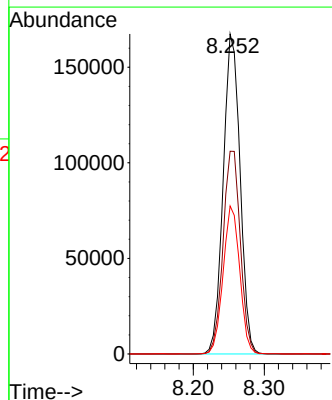
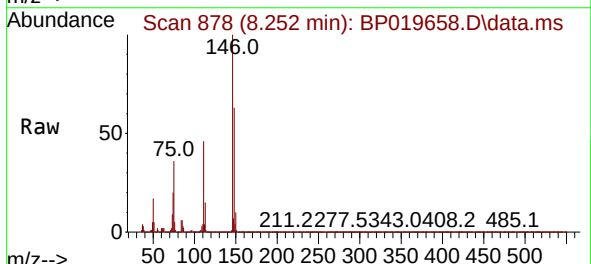
Instrument :
BNA_P
ClientSampleId :
PB158945BS

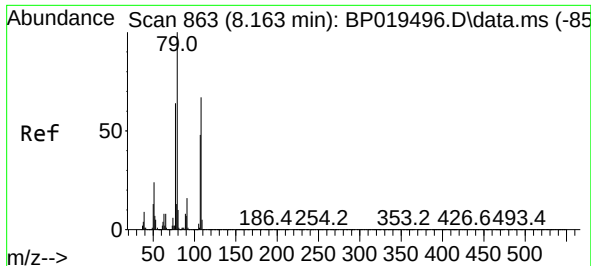
Tgt Ion:146 Resp: 289994
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 45.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 42.430 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:146 Resp: 275579
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
111 46.2 37.0 55.6

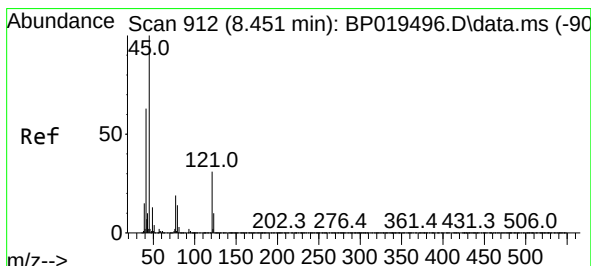
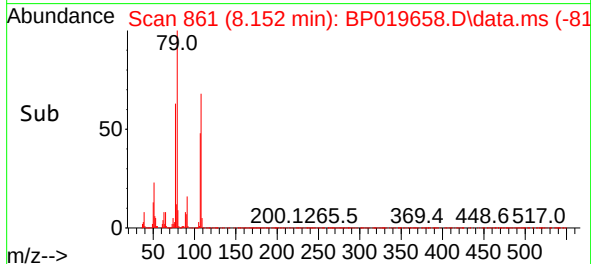
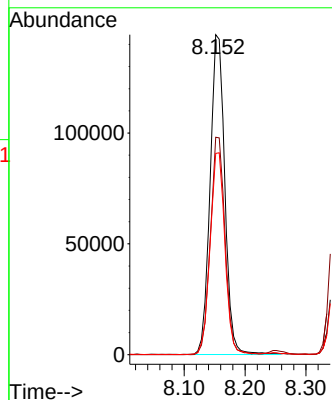
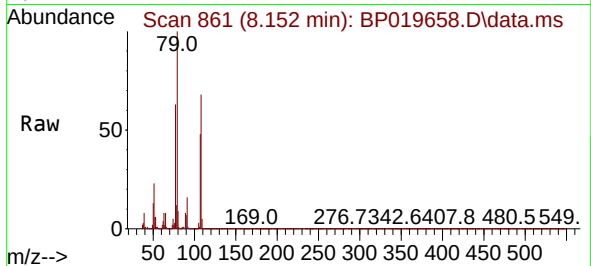




#15
Benzyl Alcohol
Concen: 42.534 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

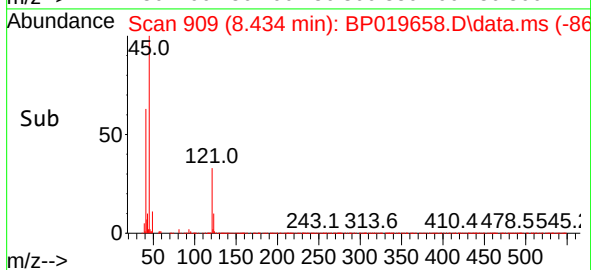
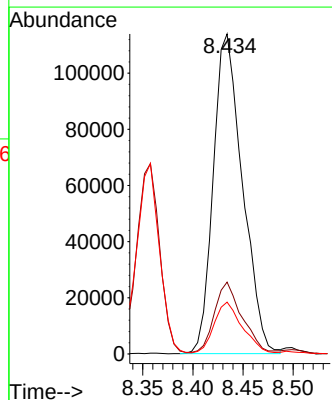
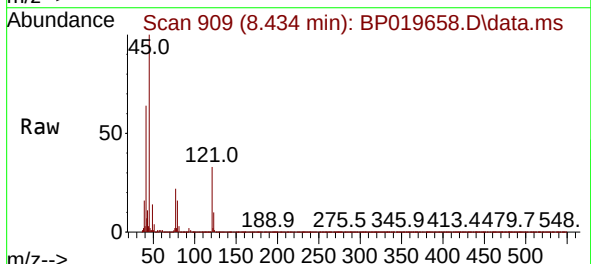
Instrument :
BNA_P
ClientSampleId :
PB158945BS

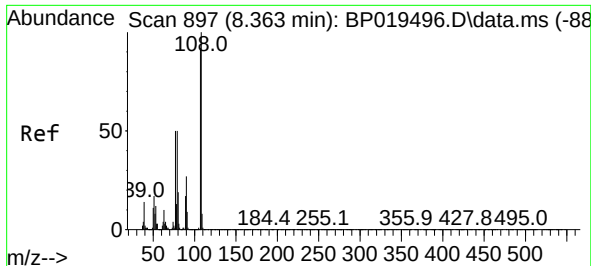
Tgt Ion: 79 Resp: 241683
Ion Ratio Lower Upper
79 100
108 67.9 53.8 80.6
77 62.9 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.894 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 45 Resp: 231016
Ion Ratio Lower Upper
45 100
77 22.4 0.8 40.8
79 16.2 0.0 35.5

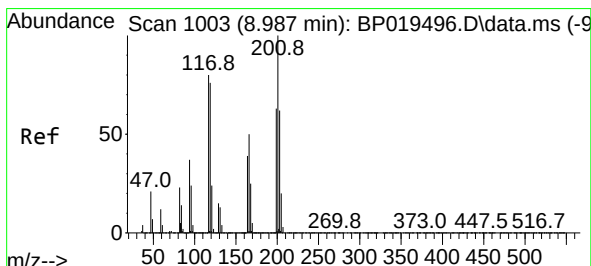
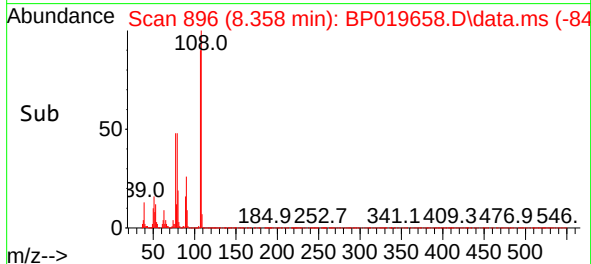
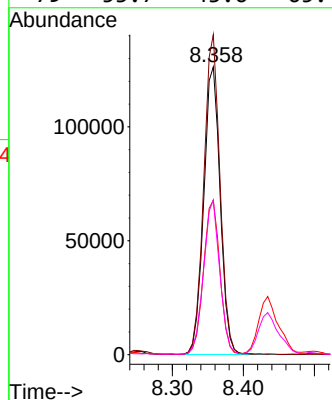
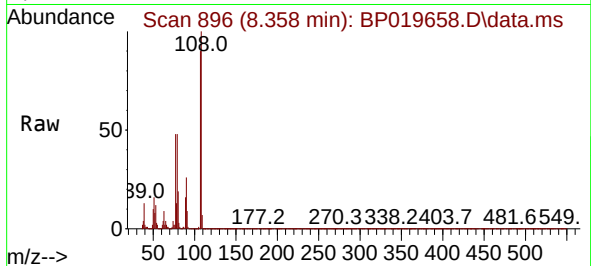




#17
2-Methylphenol
Concen: 42.690 ng
RT: 8.358 min Scan# 897
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

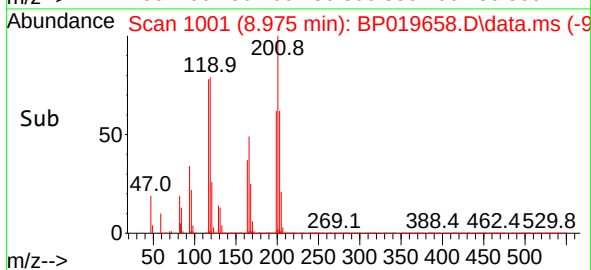
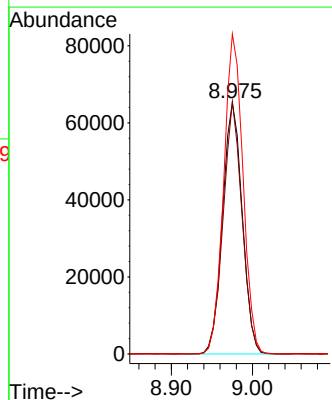
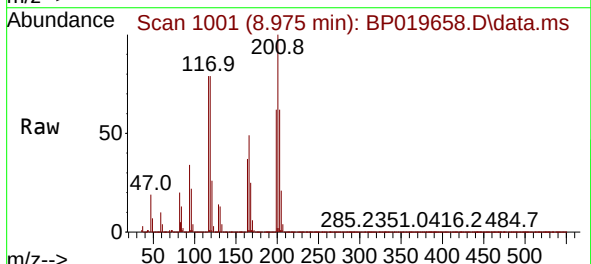
Instrument :
BNA_P
ClientSampleId :
PB158945BS

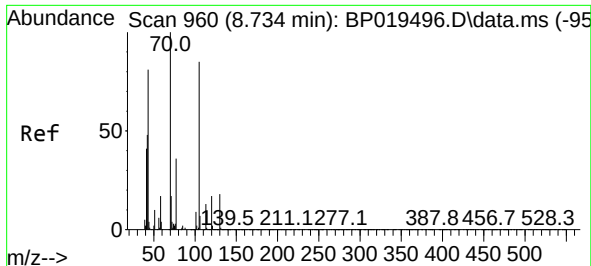
Tgt Ion:	107	Resp:	203708
Ion	Ratio	Lower	Upper
107	100		
108	111.2	87.0	130.6
77	53.7	43.5	65.3
79	53.7	43.6	65.4



#18
Hexachloroethane
Concen: 42.220 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:	117	Resp:	109854
Ion	Ratio	Lower	Upper
117	100		
119	100.4	75.5	113.3
201	127.3	99.4	149.2

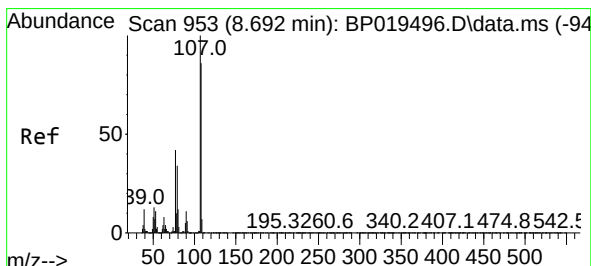
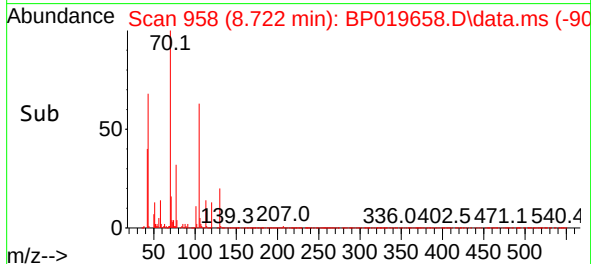
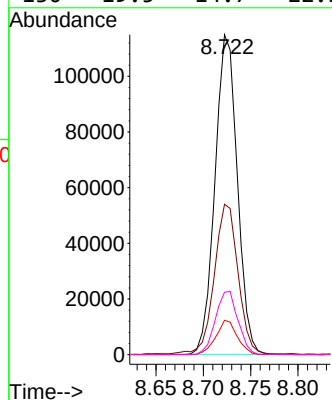
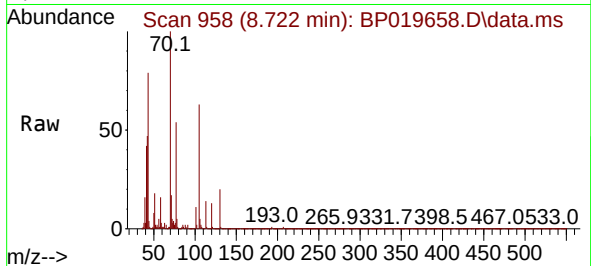




#19
n-Nitroso-di-n-propylamine
Concen: 38.817 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

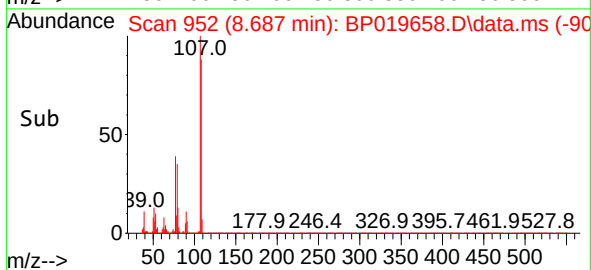
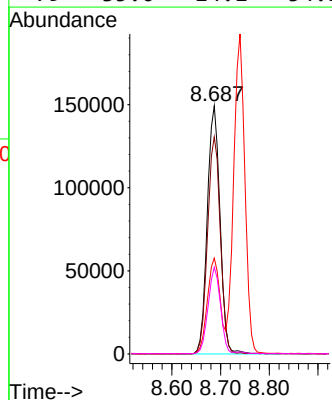
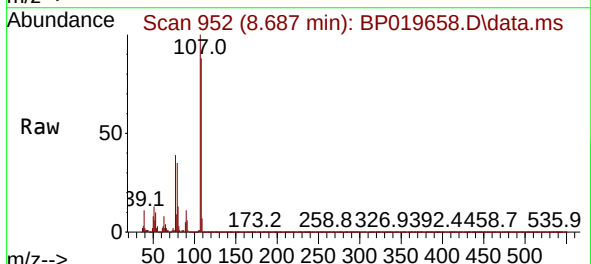
Instrument :
BNA_P
ClientSampleId :
PB158945BS

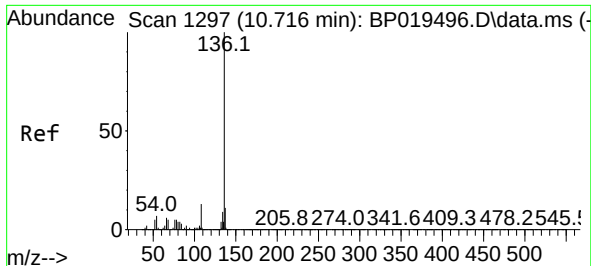
Tgt Ion: 70 Resp: 188552
Ion Ratio Lower Upper
70 100
42 47.0 39.2 58.8
101 10.8 7.3 10.9
130 19.5 14.7 22.1



#20
3+4-Methylphenols
Concen: 41.494 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 107 Resp: 270226
Ion Ratio Lower Upper
107 100
108 87.5 65.5 105.5
77 38.6 21.8 61.8
79 35.0 14.1 54.1

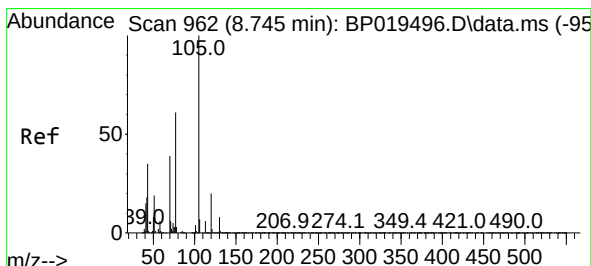
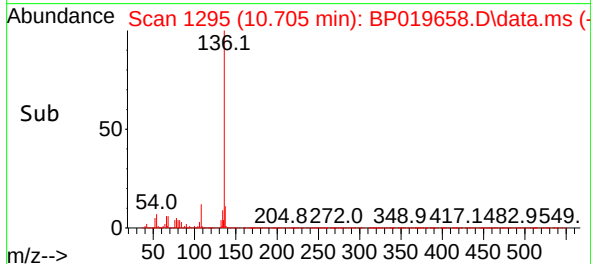
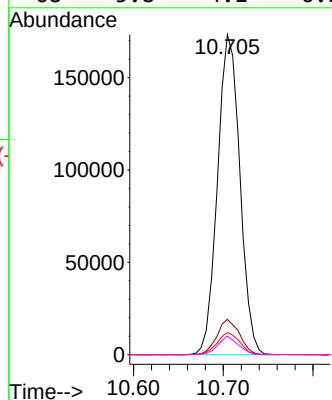
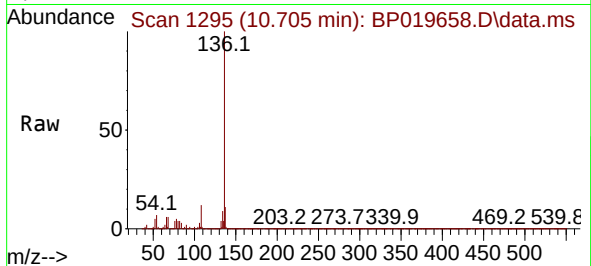




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

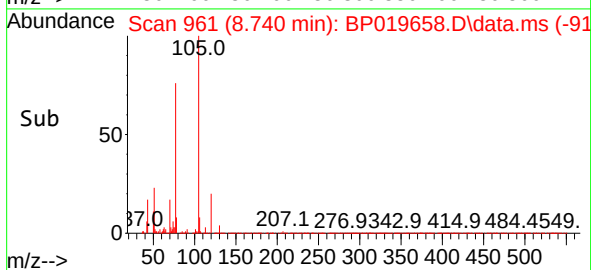
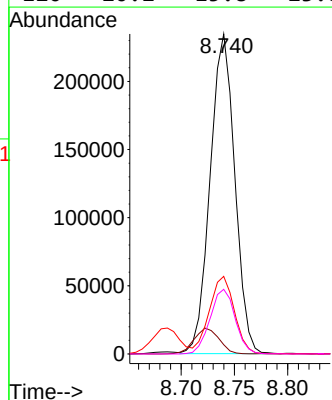
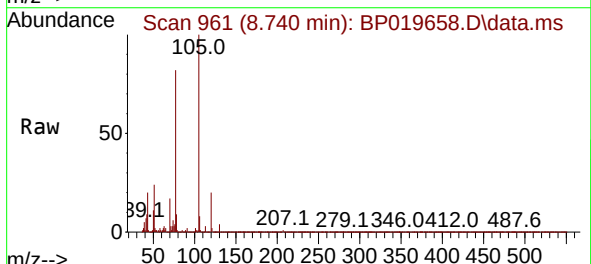
Instrument :
BNA_P
ClientSampleId :
PB158945BS

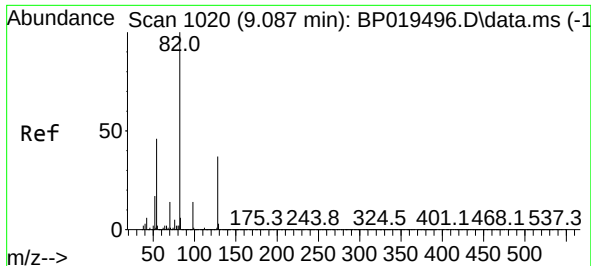
Tgt Ion:	136	Resp:	300048
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.9	5.3	7.9
68	5.8	4.1	6.1



#22
Acetophenone
Concen: 44.167 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:	105	Resp:	377532
Ion Ratio	Lower	Upper	
105	100		
71	2.9	4.9	7.3#
51	24.3	20.7	31.1
120	20.2	15.8	23.8

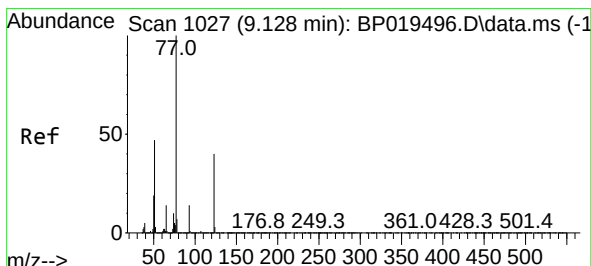
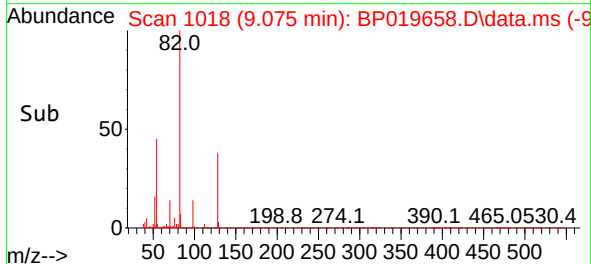
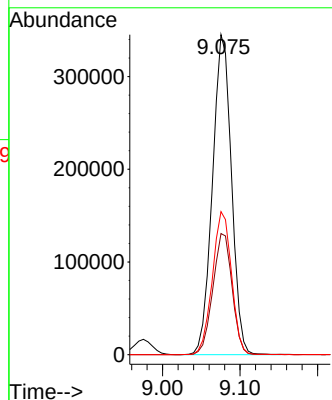
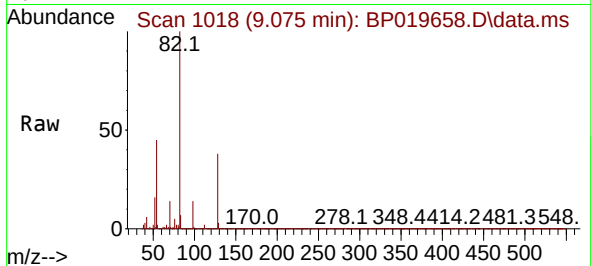




#23
Nitrobenzene-d5
Concen: 84.779 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

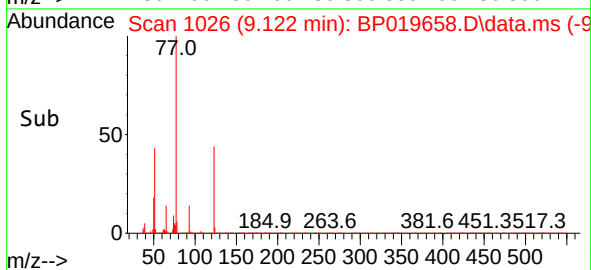
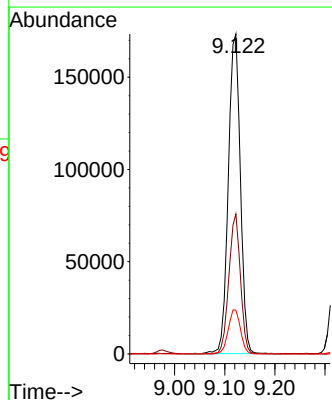
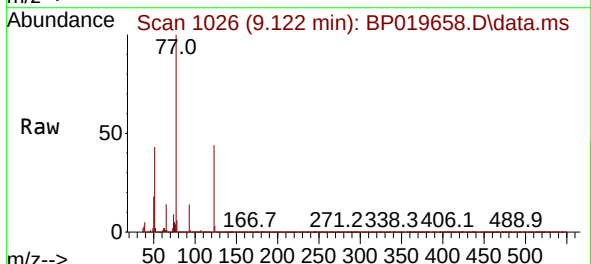
Instrument :
BNA_P
ClientSampleId :
PB158945BS

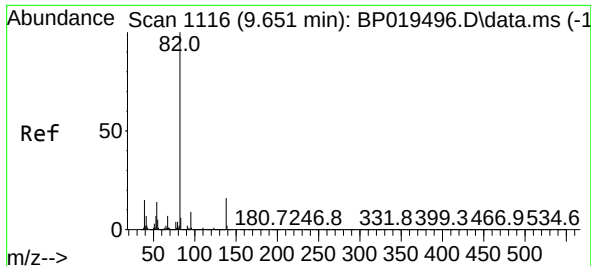
Tgt Ion: 82 Resp: 587051
Ion Ratio Lower Upper
82 100
128 37.8 29.7 44.5
54 44.7 36.8 55.2



#24
Nitrobenzene
Concen: 41.599 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 77 Resp: 290024
Ion Ratio Lower Upper
77 100
123 43.7 32.3 48.5
65 13.7 11.6 17.4

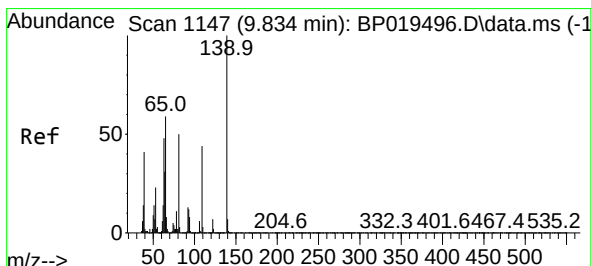
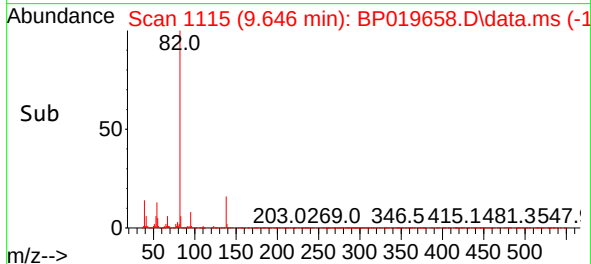
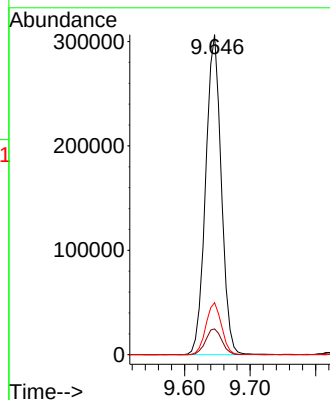
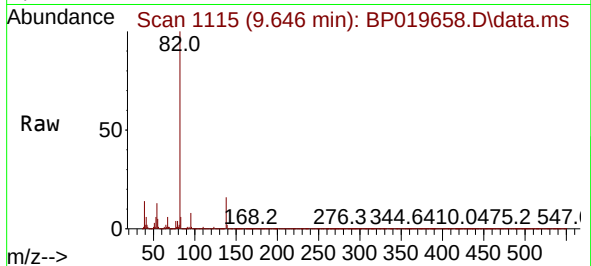




#25
Isophorone
Concen: 42.136 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

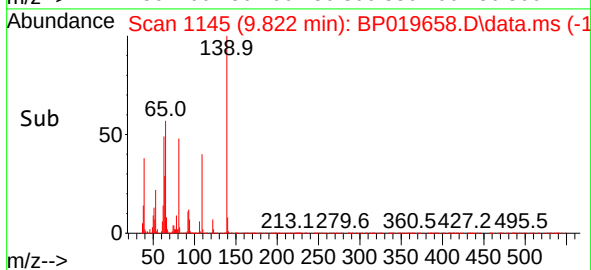
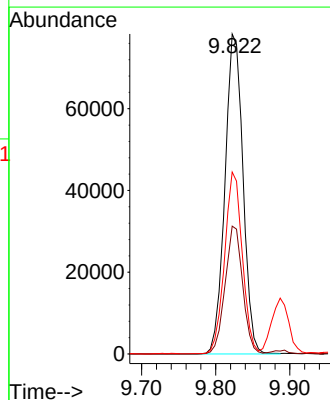
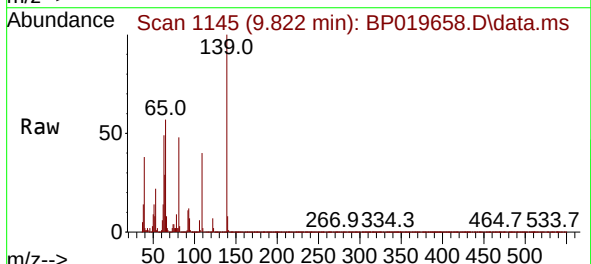
Instrument :
BNA_P
ClientSampleId :
PB158945BS

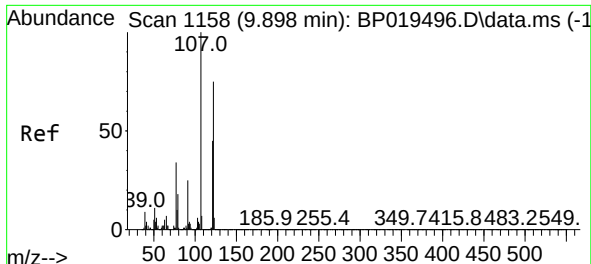
Tgt Ion: 82 Resp: 508135
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.4
138 16.3 13.1 19.7



#26
2-Nitrophenol
Concen: 49.825 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 139 Resp: 132451
Ion Ratio Lower Upper
139 100
109 40.0 34.9 52.3
65 56.8 47.5 71.3

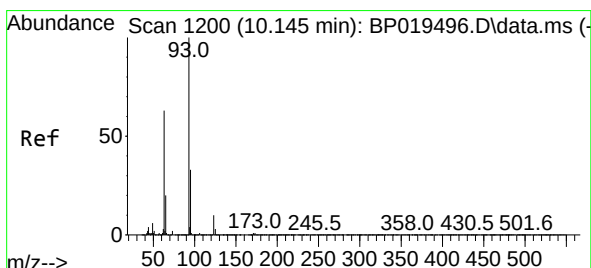
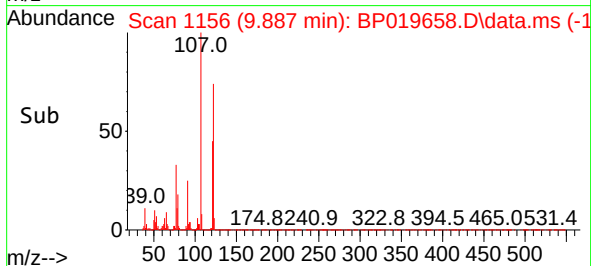
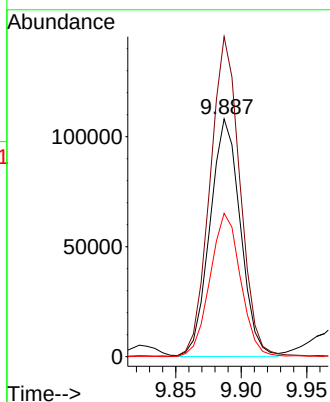
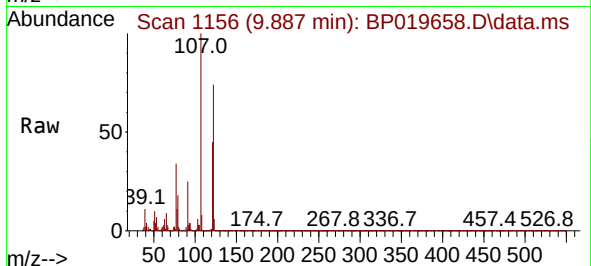




#27
2,4-Dimethylphenol
Concen: 51.239 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

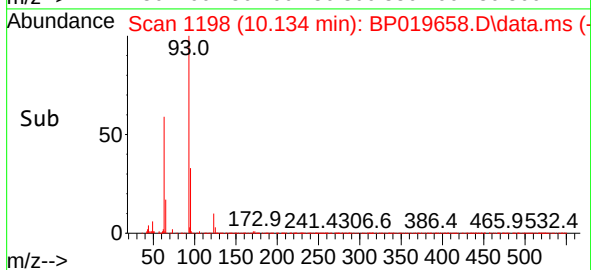
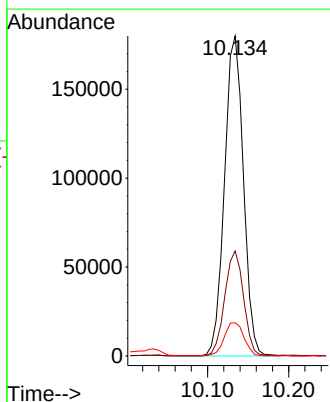
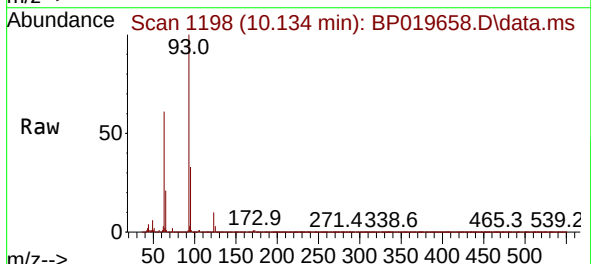
Instrument :
BNA_P
ClientSampleId :
PB158945BS

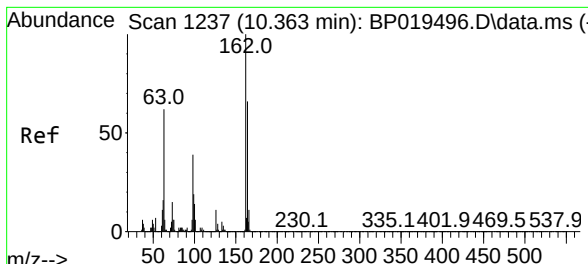
Tgt Ion:122 Resp: 174172
Ion Ratio Lower Upper
122 100
107 134.5 105.9 158.9
121 60.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.679 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion: 93 Resp: 291200
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 10.4 8.5 12.7



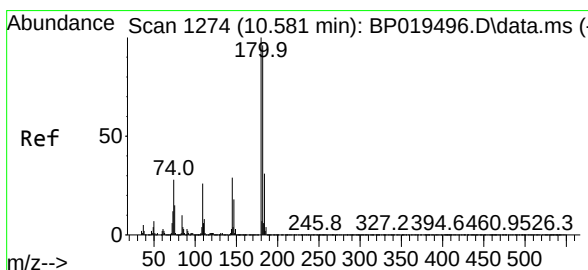
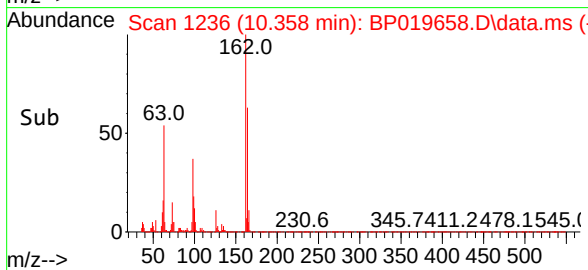
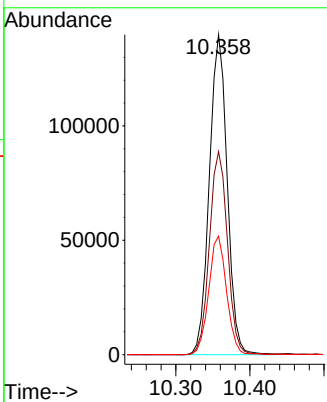
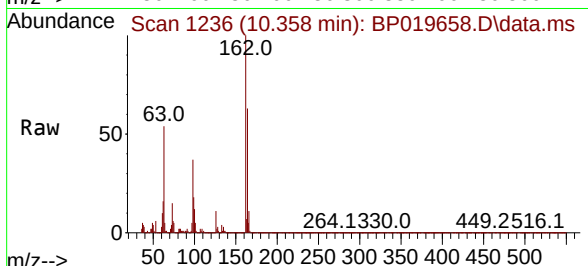


#29
 2,4-Dichlorophenol
 Concen: 45.600 ng
 RT: 10.358 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BP019658.D
 Acq: 12 Feb 2024 12:31

Instrument :
 BNA_P
 ClientSampleId :
 PB158945BS

Tgt Ion:162 Resp: 234314

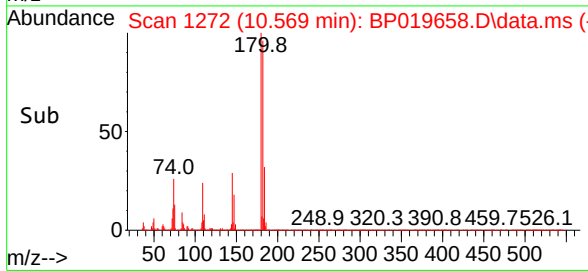
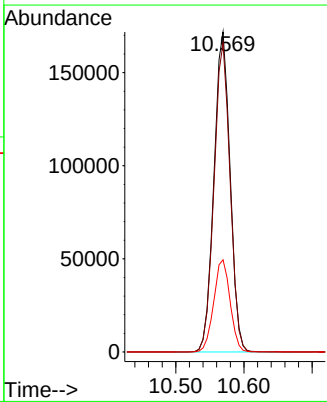
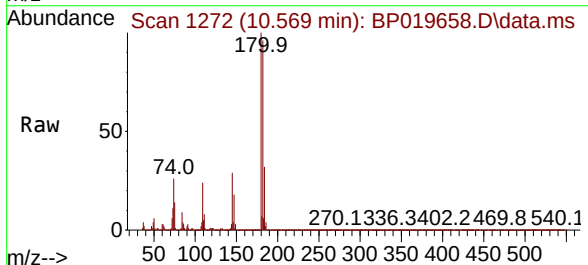
Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.0	86.0
98	37.1	18.7	58.7

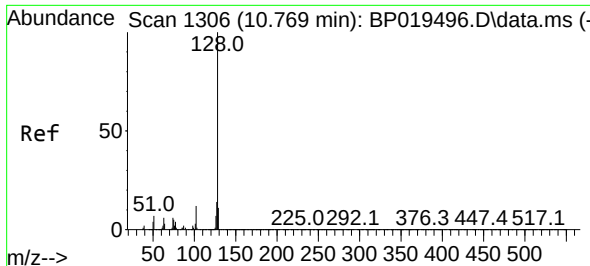


#30
 1,2,4-Trichlorobenzene
 Concen: 44.924 ng
 RT: 10.569 min Scan# 1272
 Delta R.T. -0.011 min
 Lab File: BP019658.D
 Acq: 12 Feb 2024 12:31

Tgt Ion:180 Resp: 283039

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.6
145	28.8	23.2	34.8

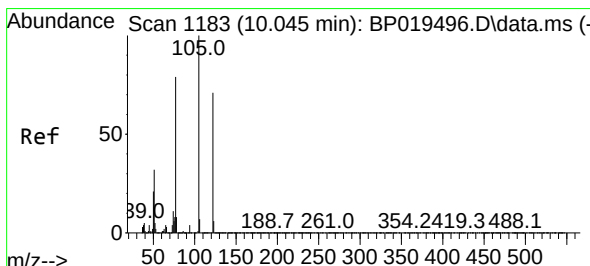
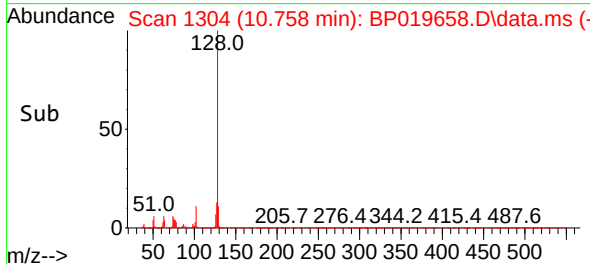
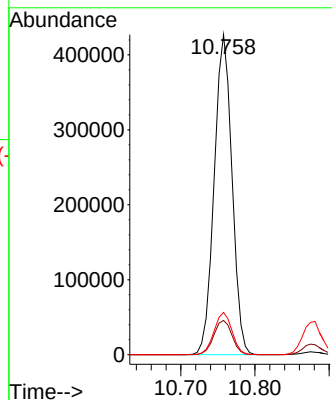
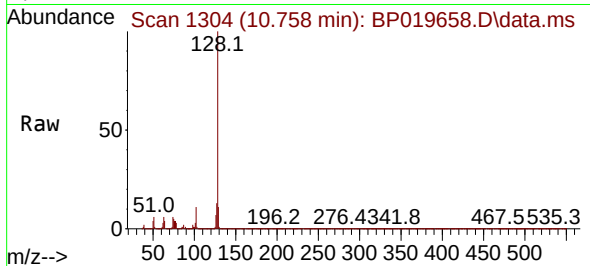




#31
Naphthalene
Concen: 43.247 ng
RT: 10.758 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

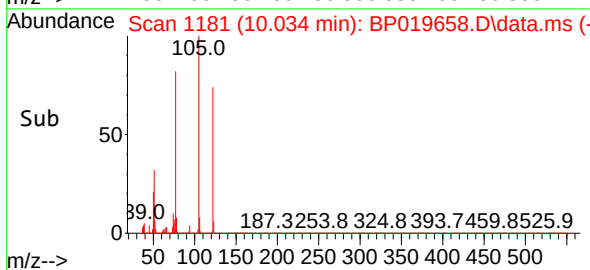
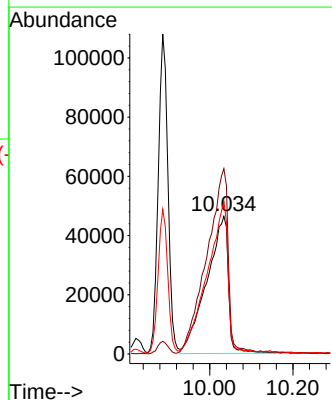
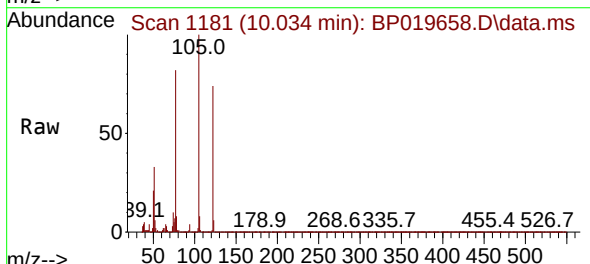
Instrument :
BNA_P
ClientSampleId :
PB158945BS

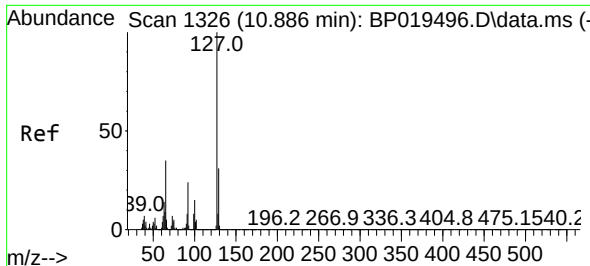
Tgt Ion:128 Resp: 711690
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 50.562 ng
RT: 10.034 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:122 Resp: 167454
Ion Ratio Lower Upper
122 100
105 134.6 118.8 158.8
77 110.9 91.7 131.7

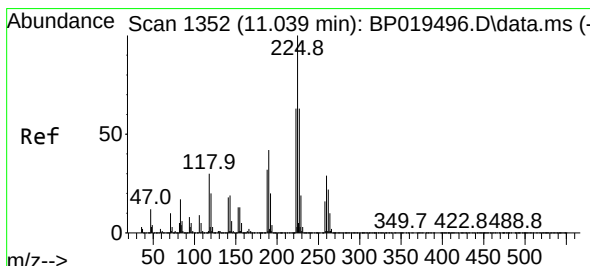
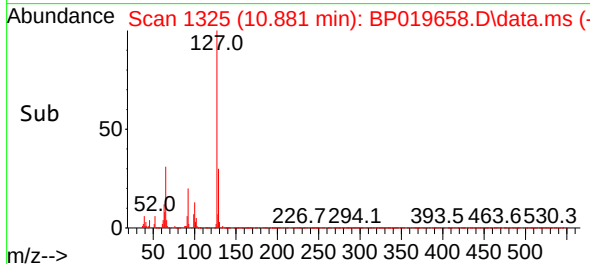
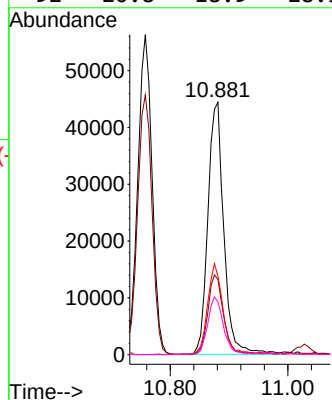
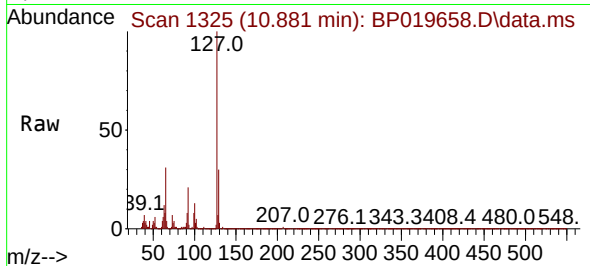




#33
4-Chloroaniline
Concen: 13.733 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

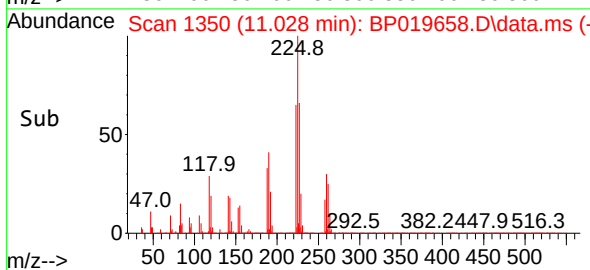
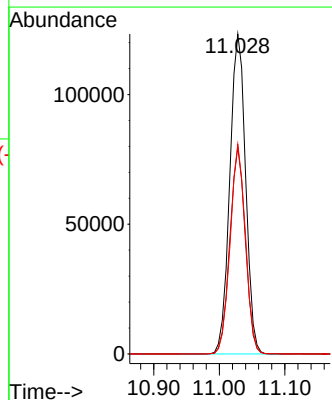
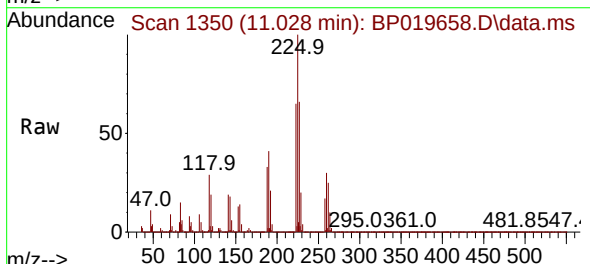
Instrument :
BNA_P
ClientSampleId :
PB158945BS

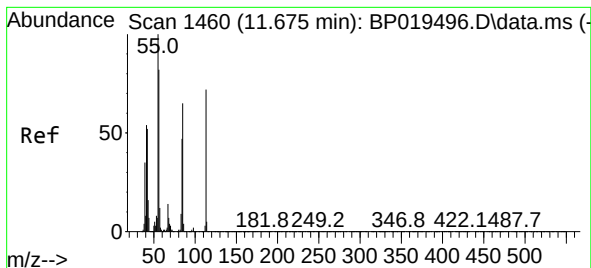
Tgt Ion:	127	Resp:	83574
Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.6	36.8
65	31.2	28.2	42.4
92	20.8	18.9	28.3



#34
Hexachlorobutadiene
Concen: 44.166 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:	225	Resp:	206200
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.5	75.7
227	65.5	50.2	75.2

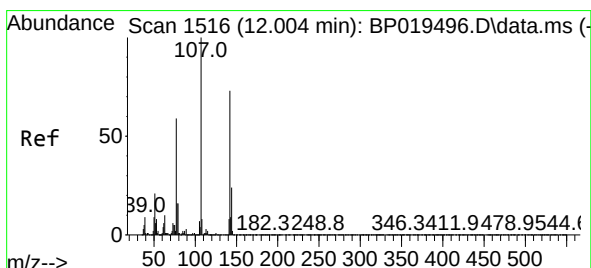
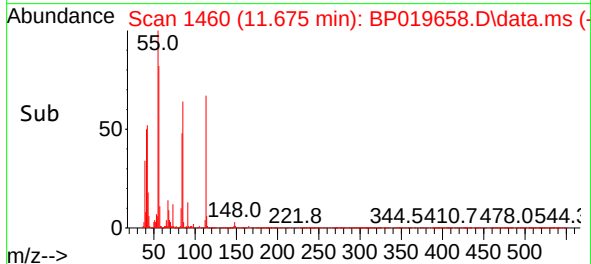
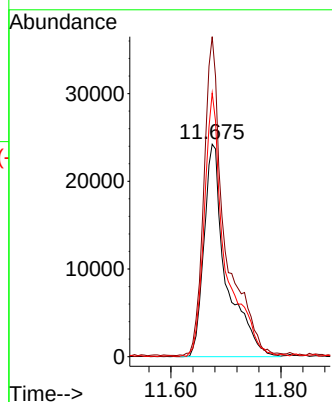
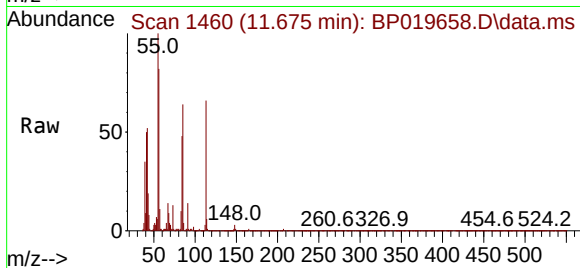




#35
Caprolactam
Concen: 46.452 ng
RT: 11.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

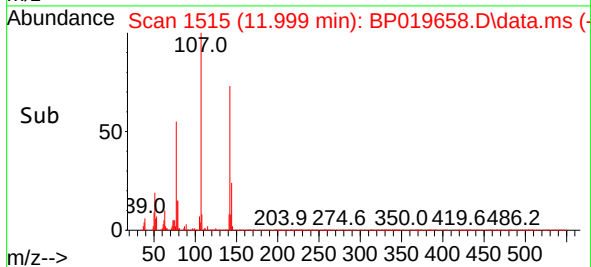
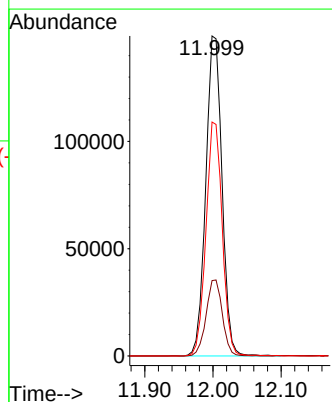
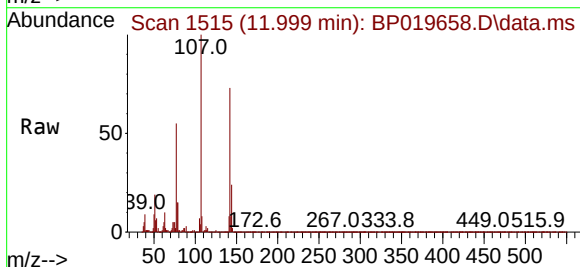
Instrument :
BNA_P
ClientSampleId :
PB158945BS

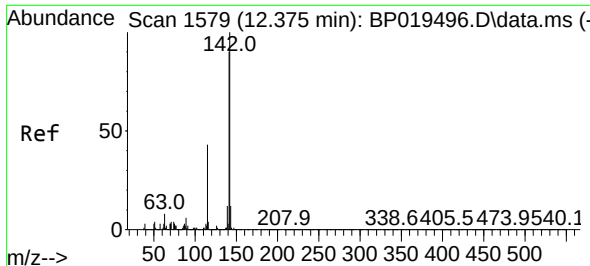
Tgt Ion:	113	Resp:	67571
Ion	Ratio	Lower	Upper
113	100		
55	150.6	120.0	160.0
56	124.1	94.0	134.0



#36
4-Chloro-3-methylphenol
Concen: 44.089 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:	107	Resp:	247025
Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.0	28.4
142	73.1	58.6	88.0

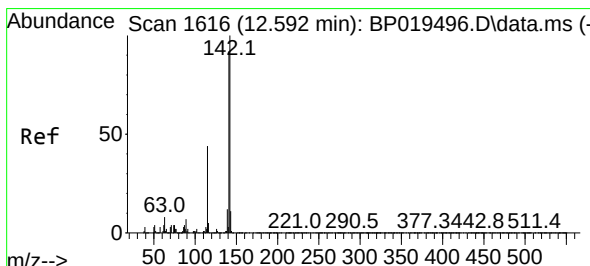
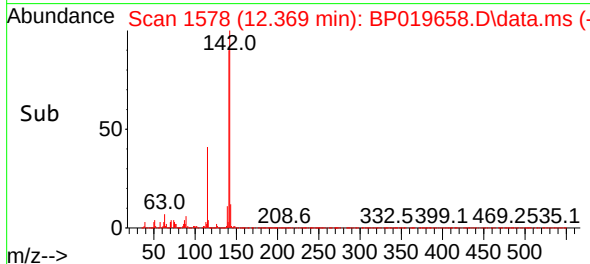
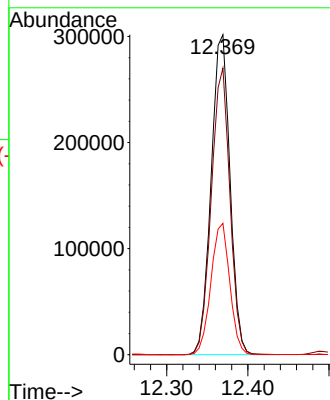
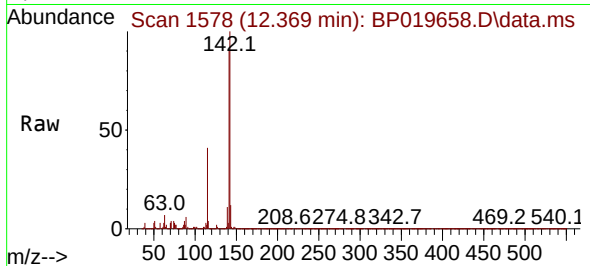




#37
2-Methylnaphthalene
Concen: 42.859 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

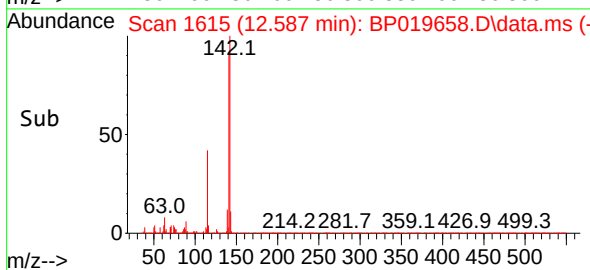
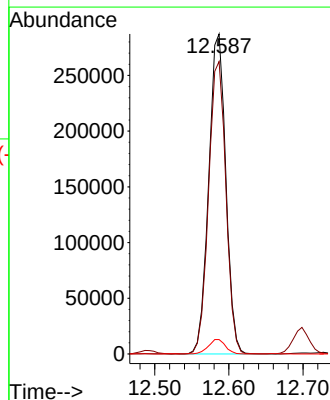
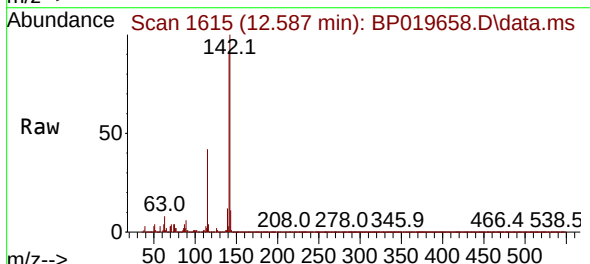
Instrument :
BNA_P
ClientSampleId :
PB158945BS

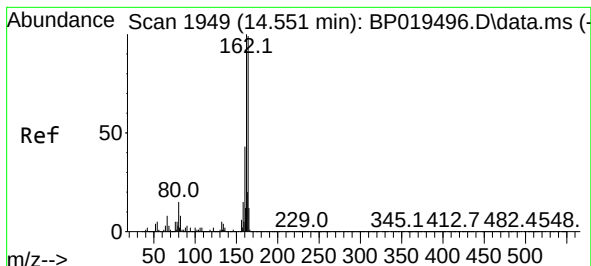
Tgt Ion:142 Resp: 488103
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.4
115 41.0 34.2 51.2



#38
1-Methylnaphthalene
Concen: 41.091 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:142 Resp: 459877
Ion Ratio Lower Upper
142 100
141 91.4 74.0 111.0
116 4.5 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1949

Delta R.T. -0.011 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

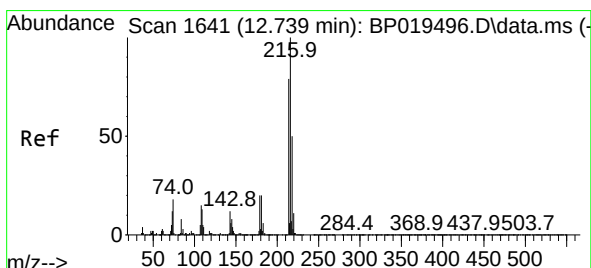
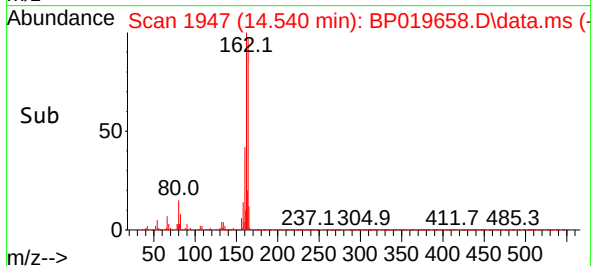
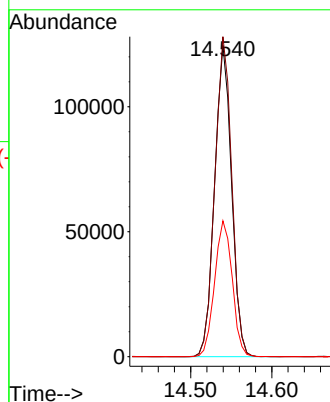
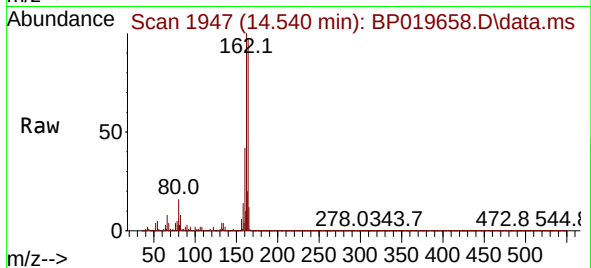
Tgt Ion:164 Resp: 180779

Ion Ratio Lower Upper

164 100

162 102.8 81.2 121.8

160 43.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.204 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.011 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Tgt Ion:216 Resp: 336081

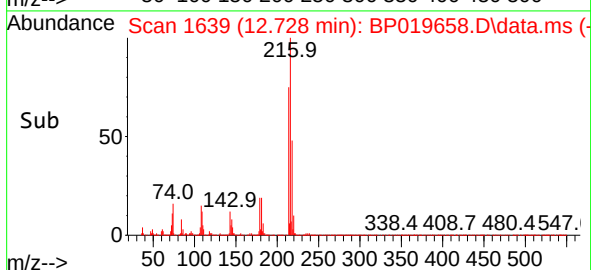
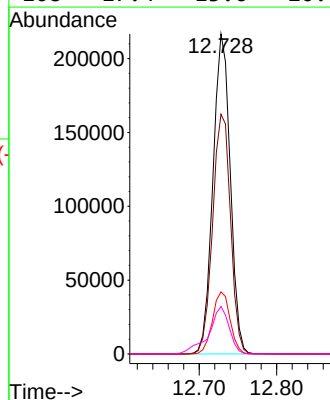
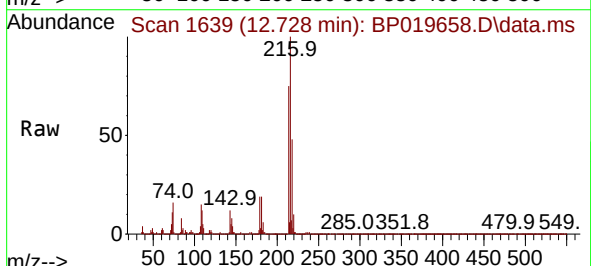
Ion Ratio Lower Upper

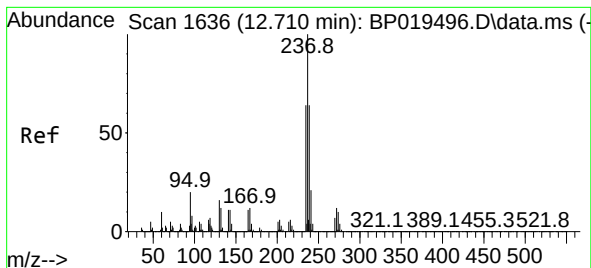
216 100

214 77.3 62.8 94.2

179 19.8 16.6 24.8

108 17.4 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 112.210 ng

RT: 12.699 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

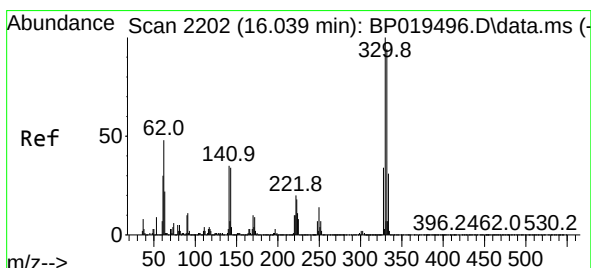
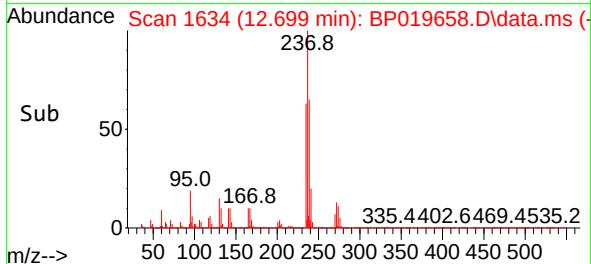
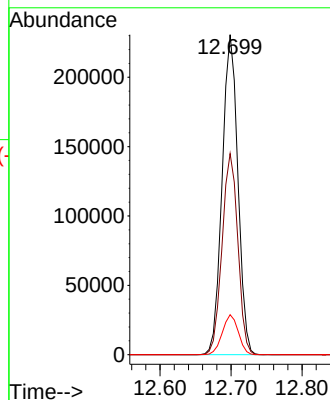
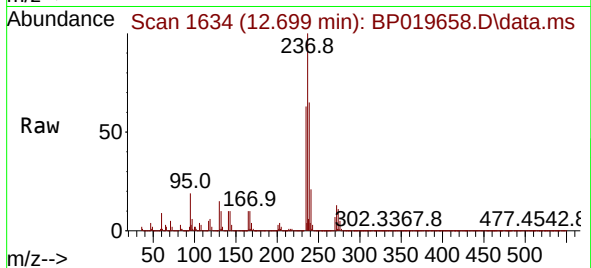
Tgt Ion:237 Resp: 353414

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

272 12.5 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 159.306 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

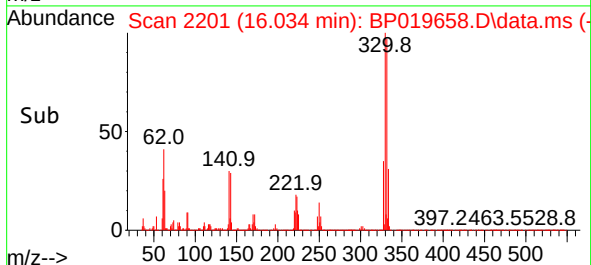
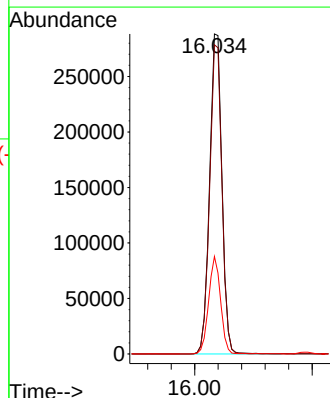
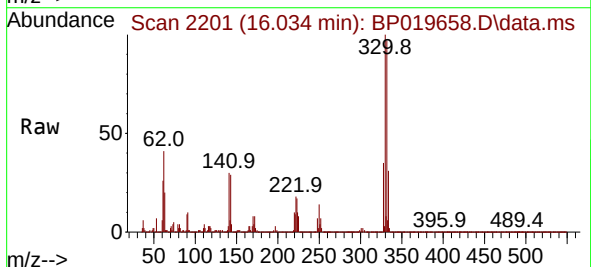
Tgt Ion:330 Resp: 420489

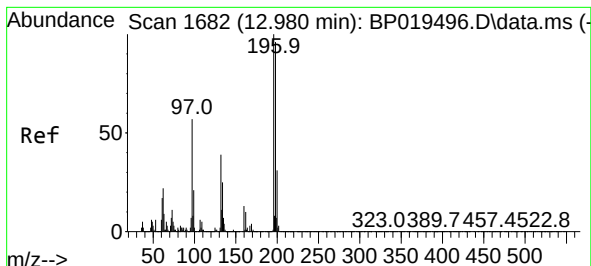
Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

141 29.5 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 48.021 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

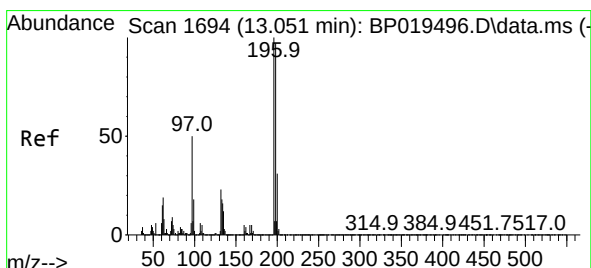
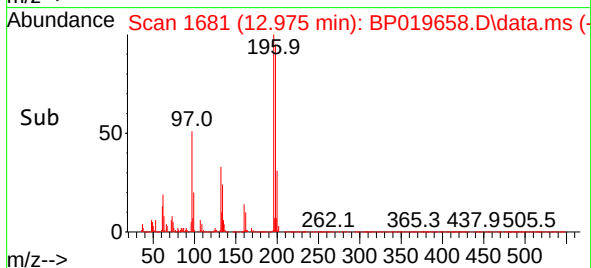
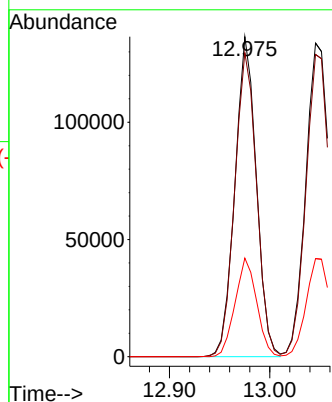
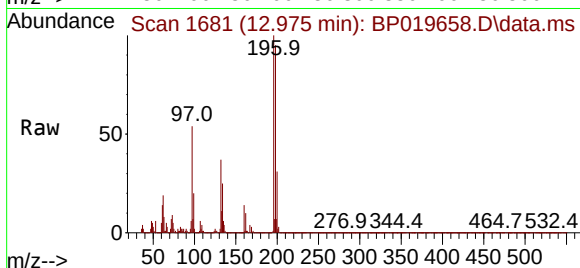
Tgt Ion:196 Resp: 202729

Ion Ratio Lower Upper

196 100

198 95.0 76.7 115.1

200 30.8 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.008 ng

RT: 13.046 min Scan# 1693

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Tgt Ion:196 Resp: 222555

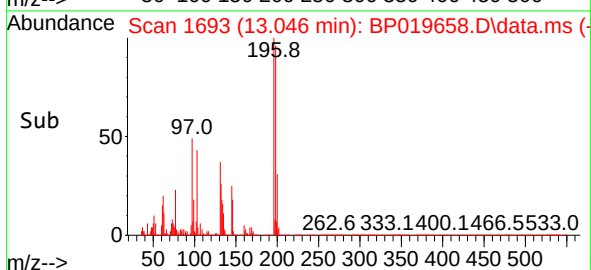
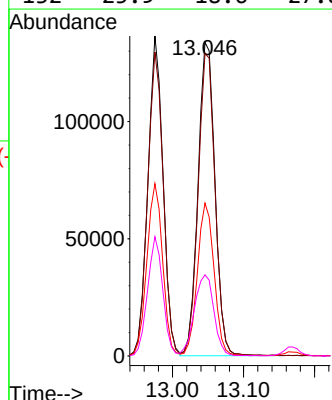
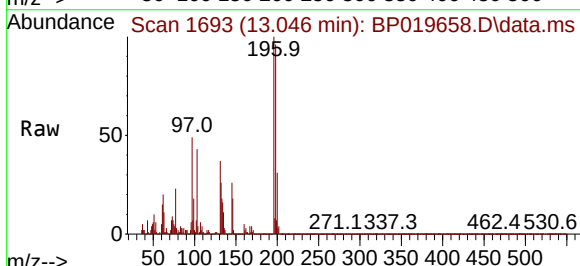
Ion Ratio Lower Upper

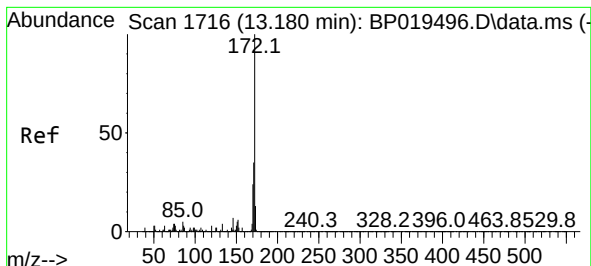
196 100

198 96.4 77.5 116.3

97 48.8 39.9 59.9

132 25.9 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 86.371 ng

RT: 13.169 min Scan# 11

Delta R.T. -0.011 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

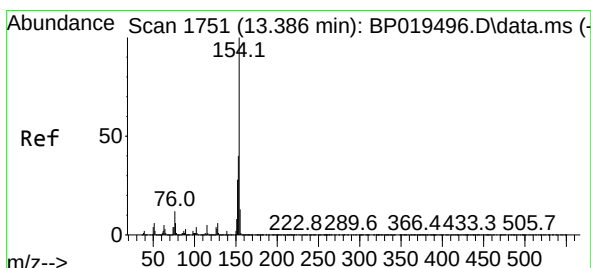
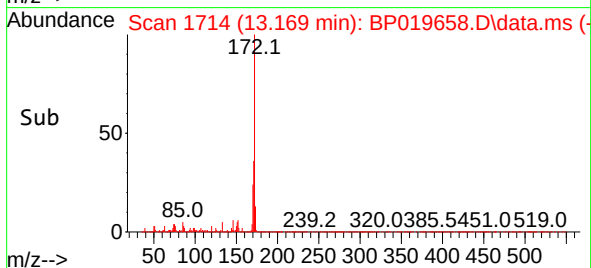
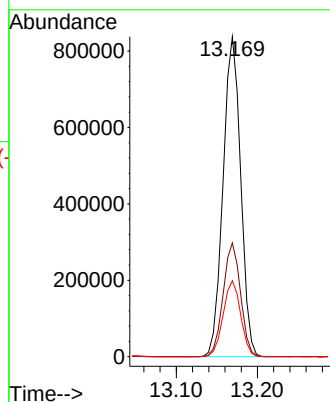
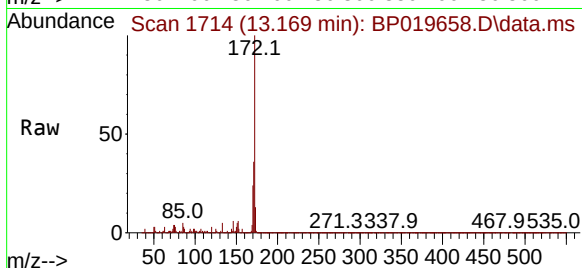
Tgt Ion:172 Resp: 1263040

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.862 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

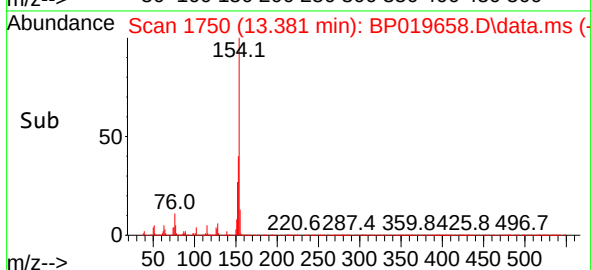
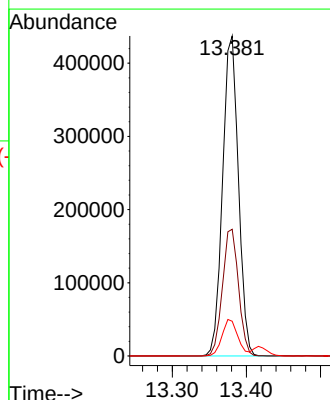
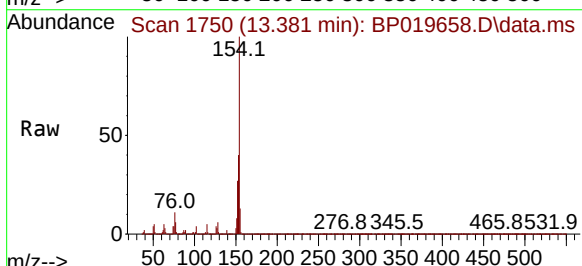
Tgt Ion:154 Resp: 647292

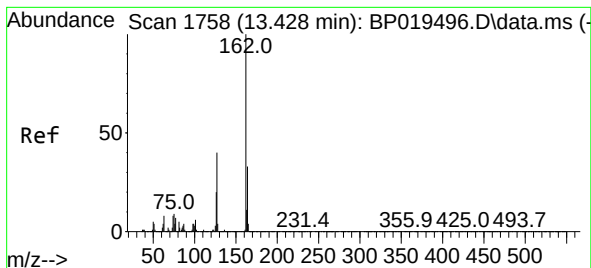
Ion Ratio Lower Upper

154 100

153 39.6 20.2 60.2

76 10.9 0.0 31.6





#47

2-Chloronaphthalene

Concen: 44.013 ng

RT: 13.416 min Scan# 1756

Delta R.T. -0.011 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

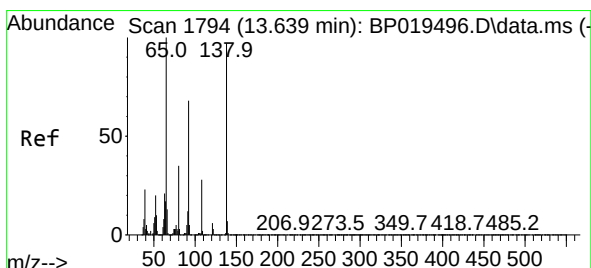
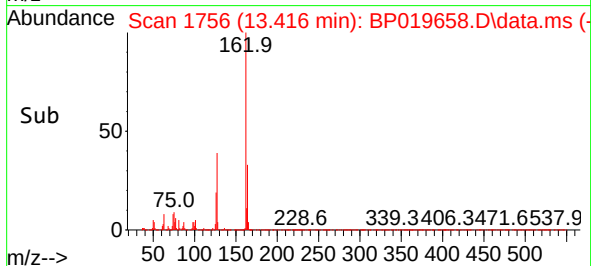
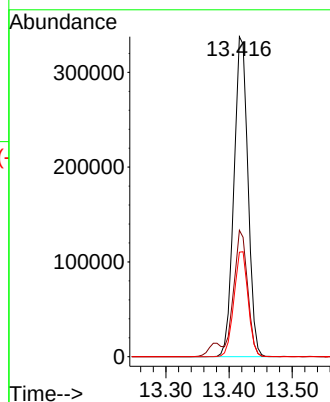
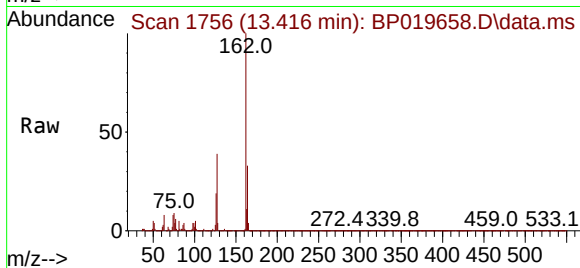
Tgt Ion:162 Resp: 521295

Ion Ratio Lower Upper

162 100

127 39.5 32.1 48.1

164 32.7 26.7 40.1



#48

2-Nitroaniline

Concen: 46.966 ng

RT: 13.634 min Scan# 1793

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

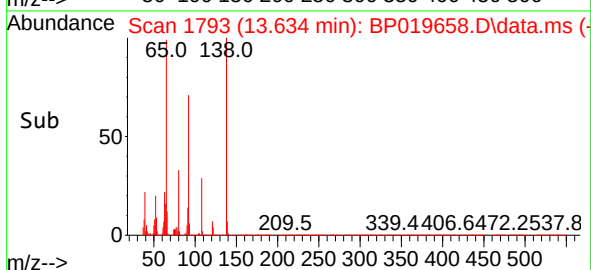
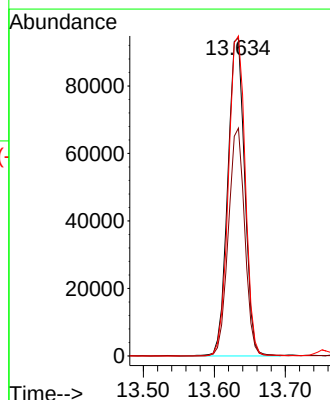
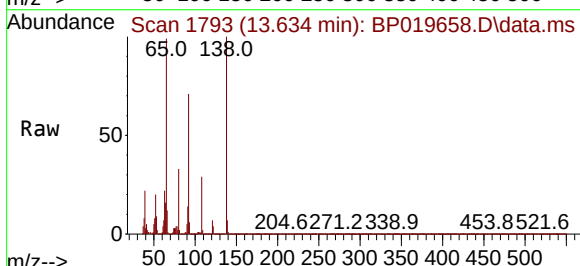
Tgt Ion: 65 Resp: 155546

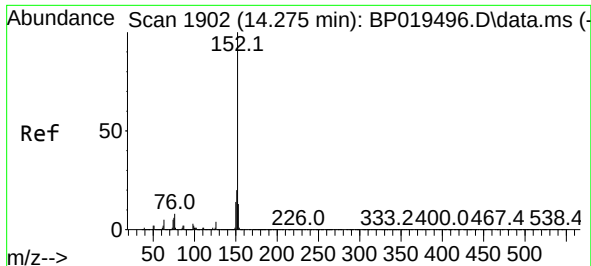
Ion Ratio Lower Upper

65 100

92 71.7 54.7 82.1

138 100.7 77.8 116.6

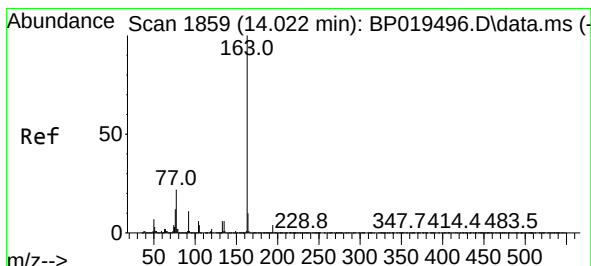
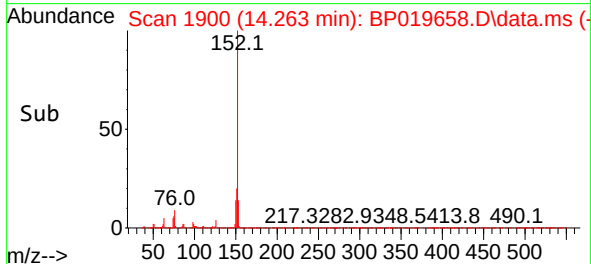
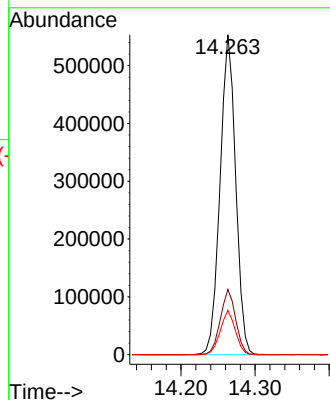
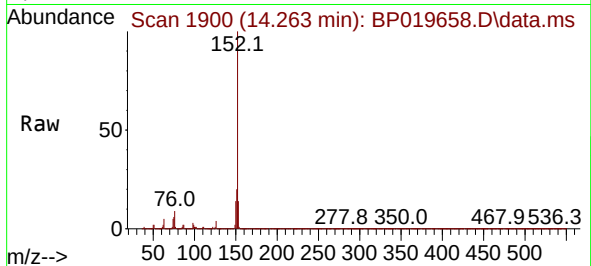




#49
Acenaphthylene
Concen: 48.705 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

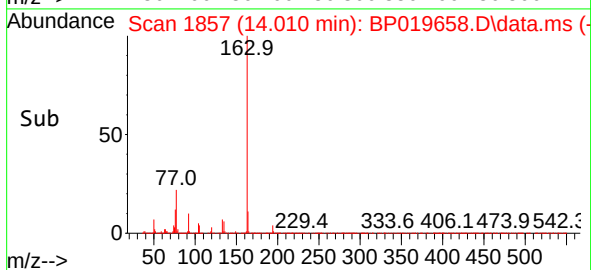
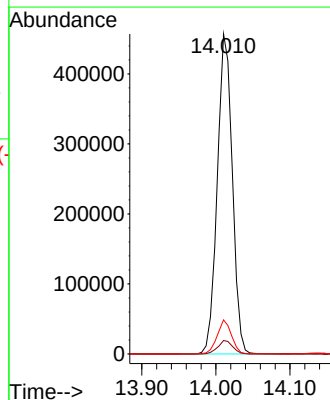
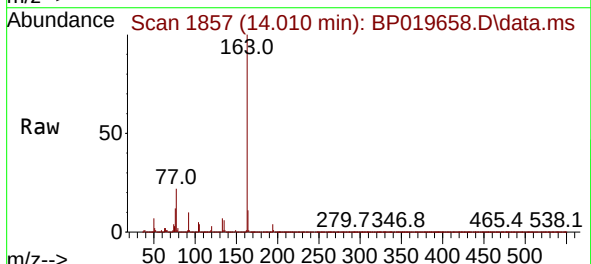
Instrument :
BNA_P
ClientSampleId :
PB158945BS

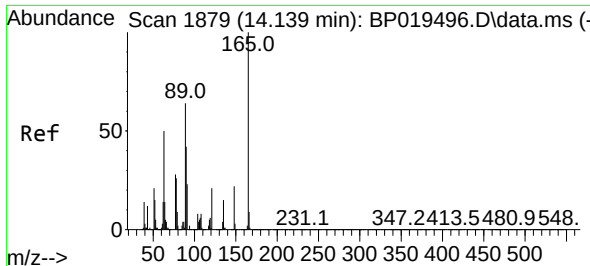
Tgt Ion:152 Resp: 809320
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 13.8 10.6 15.8



#50
Dimethylphthalate
Concen: 46.460 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:163 Resp: 642974
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.6 7.8 11.6

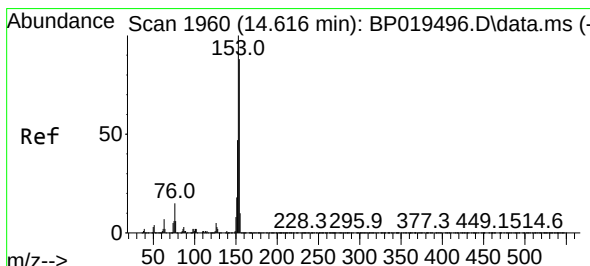
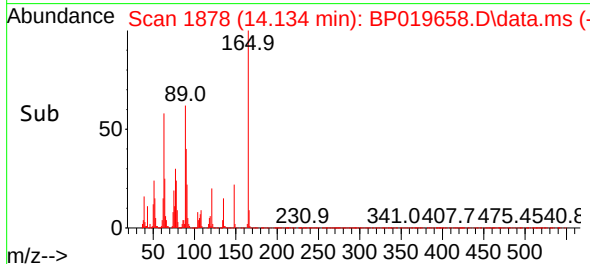
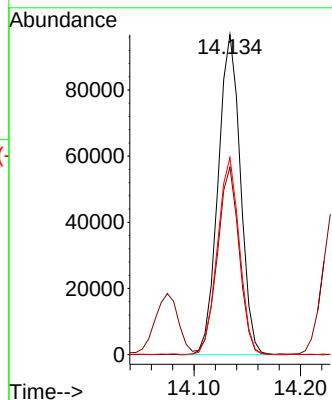
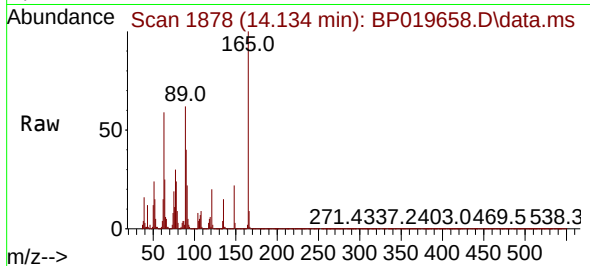




#51
2,6-Dinitrotoluene
Concen: 46.153 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

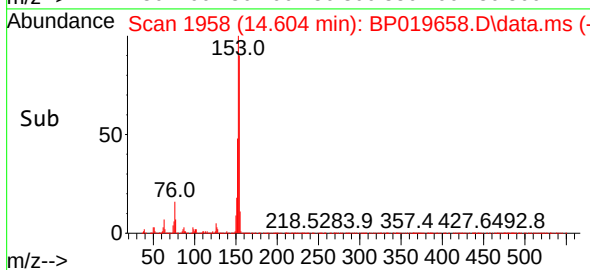
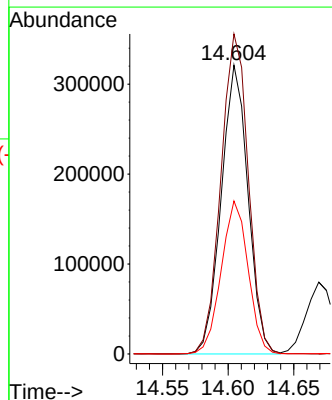
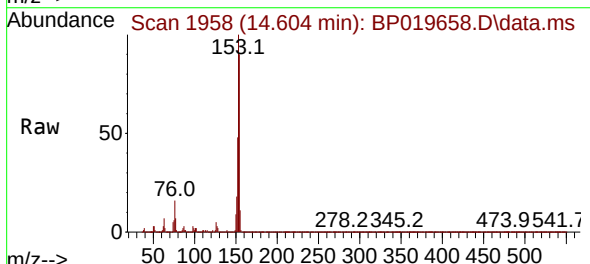
Instrument :
BNA_P
ClientSampleId :
PB158945BS

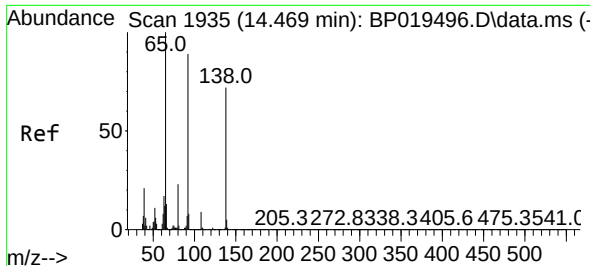
Tgt Ion:165 Resp: 140331
Ion Ratio Lower Upper
165 100
63 58.7 50.4 75.6
89 61.6 51.7 77.5



#52
Acenaphthene
Concen: 44.195 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:154 Resp: 455799
Ion Ratio Lower Upper
154 100
153 110.8 90.5 135.7
152 52.9 42.1 63.1

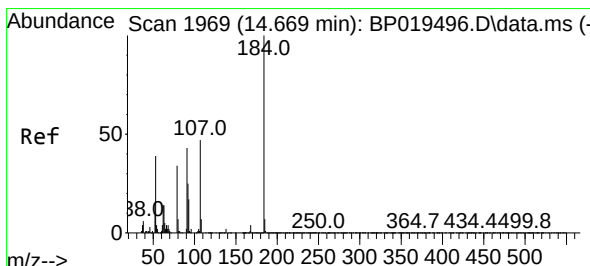
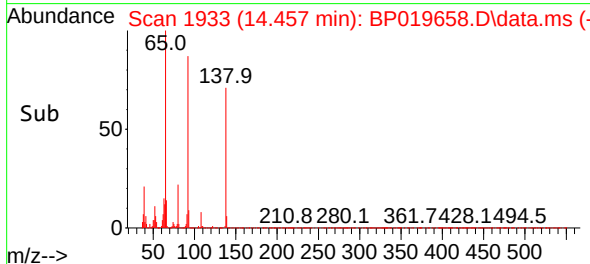
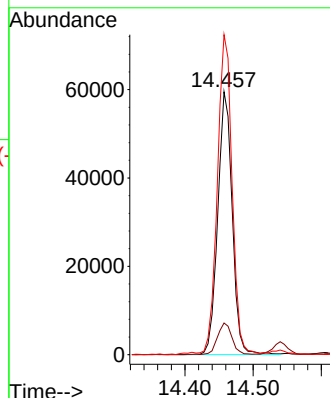
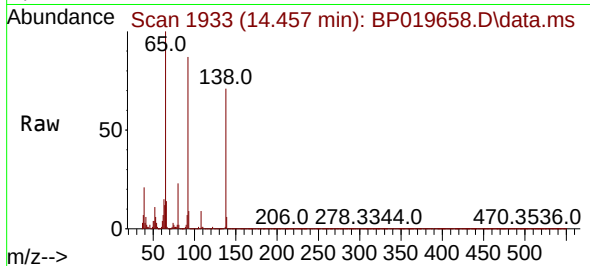




#53
3-Nitroaniline
Concen: 31.540 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

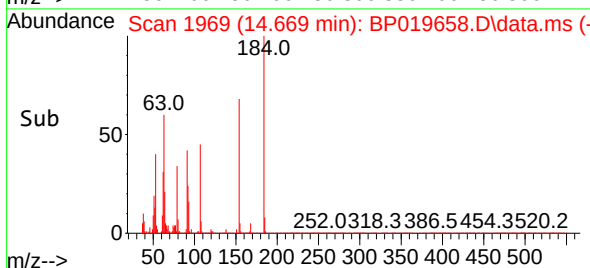
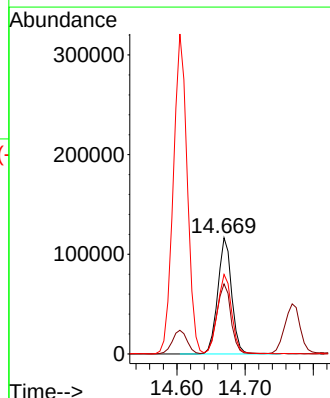
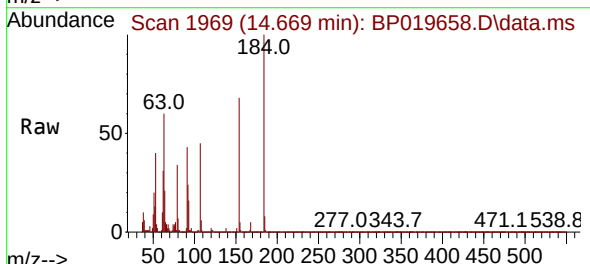
Instrument :
BNA_P
ClientSampleId :
PB158945BS

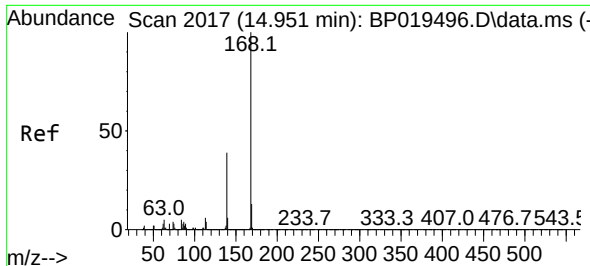
Tgt Ion:138 Resp: 88132
Ion Ratio Lower Upper
138 100
108 12.0 9.7 14.5
92 121.7 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 104.804 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:184 Resp: 165454
Ion Ratio Lower Upper
184 100
63 60.3 50.5 75.7
154 68.5 53.4 80.0

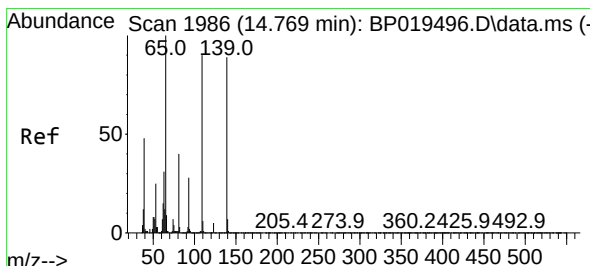
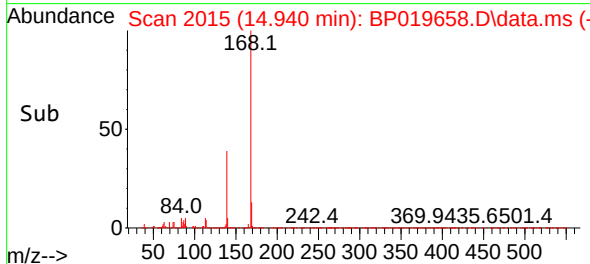
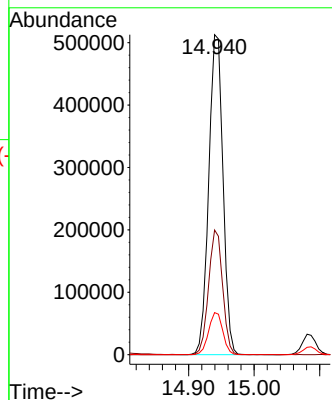
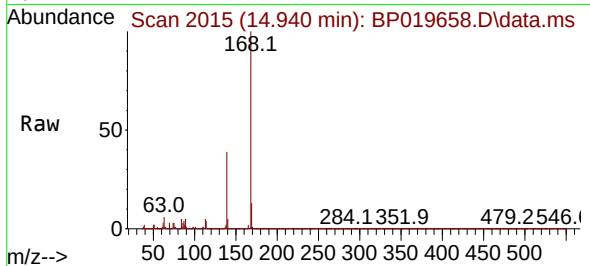




#55
Dibenzofuran
Concen: 46.120 ng
RT: 14.940 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

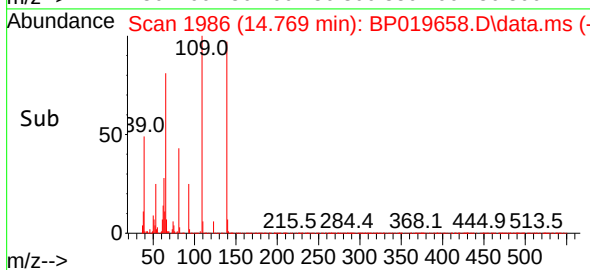
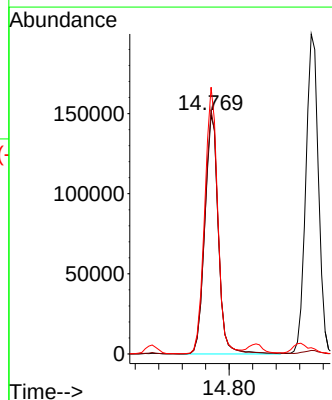
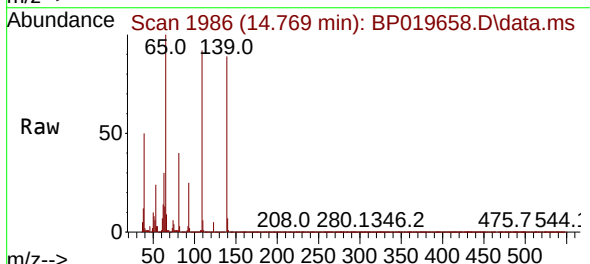
Instrument :
BNA_P
ClientSampleId :
PB158945BS

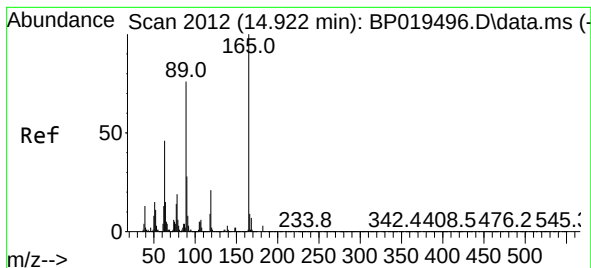
Tgt Ion:168 Resp: 774704
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 103.572 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:139 Resp: 237210
Ion Ratio Lower Upper
139 100
109 102.4 82.0 122.0
65 111.8 92.9 132.9

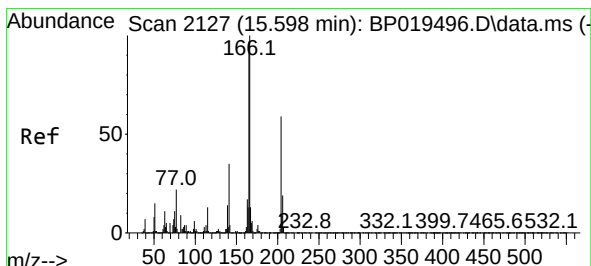
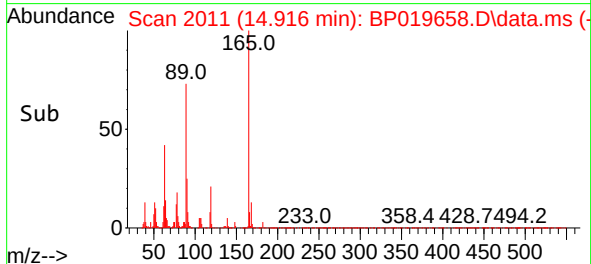
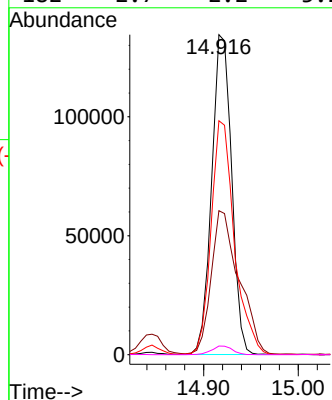
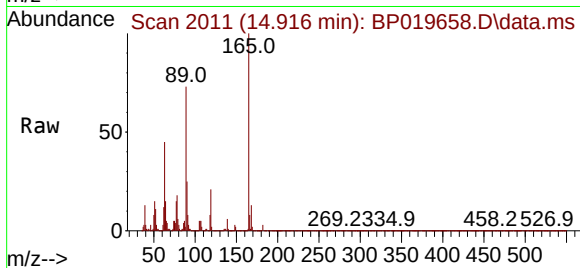




#57
2,4-Dinitrotoluene
Concen: 49.188 ng
RT: 14.916 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

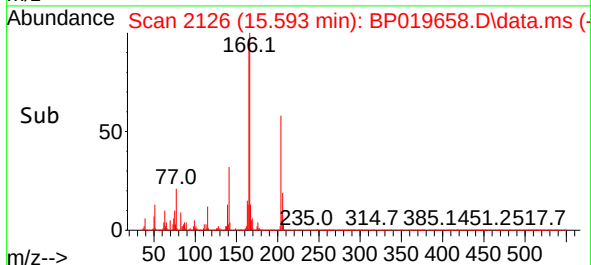
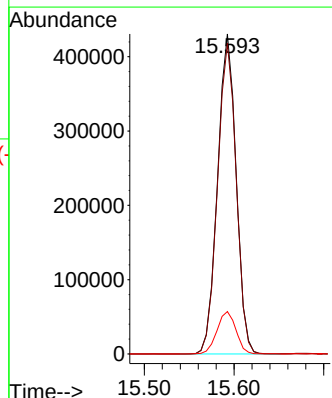
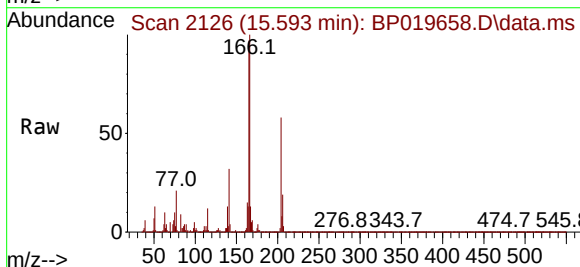
Instrument :
BNA_P
ClientSampleId :
PB158945BS

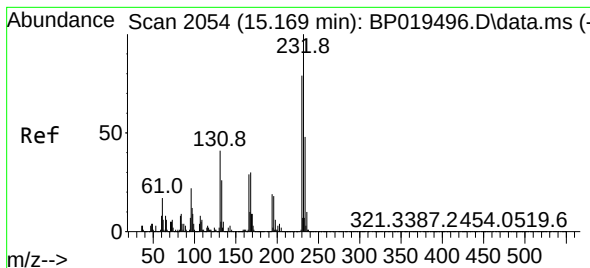
Tgt Ion:165 Resp: 195987
Ion Ratio Lower Upper
165 100
63 45.0 36.9 55.3
89 73.1 61.1 91.7
182 2.7 2.2 3.2



#58
Fluorene
Concen: 46.241 ng
RT: 15.593 min Scan# 2126
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:166 Resp: 618641
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 13.2 10.7 16.1

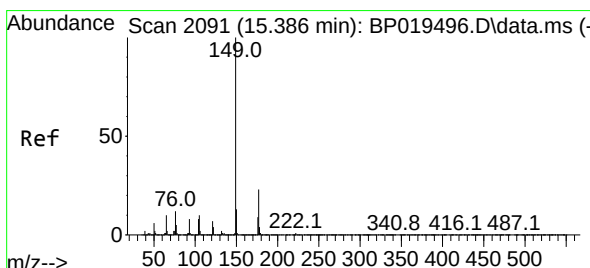
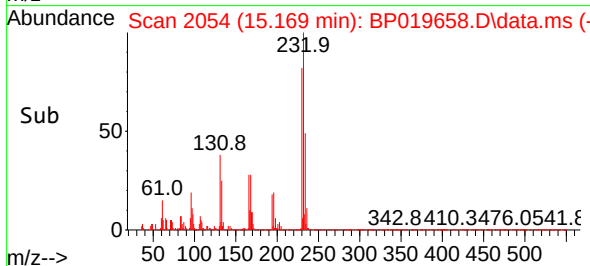
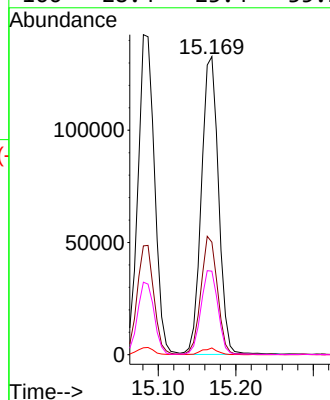
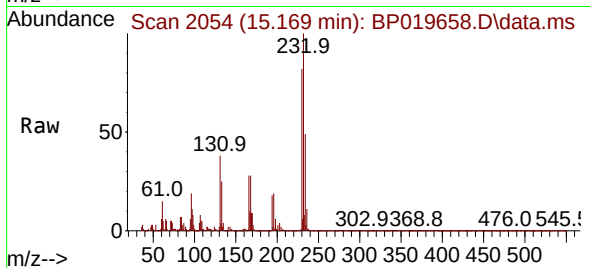




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.226 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

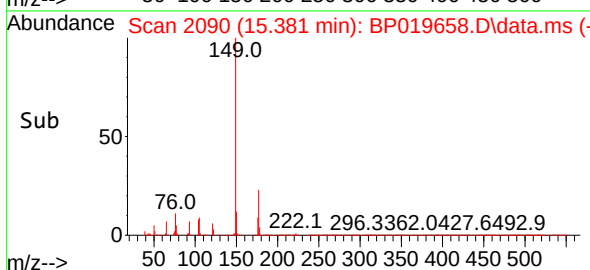
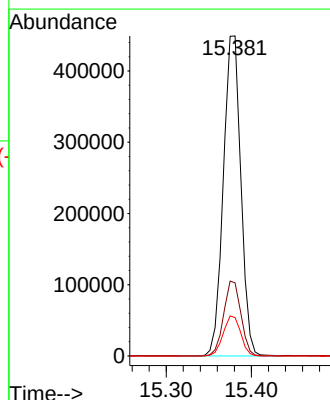
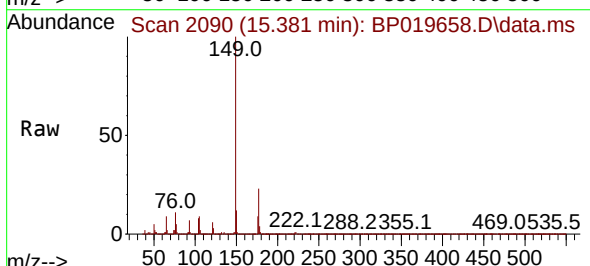
Instrument :
BNA_P
ClientSampleId :
PB158945BS

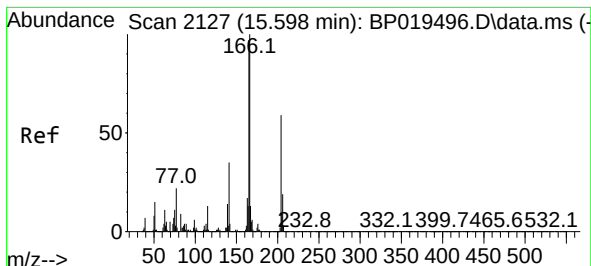
Tgt Ion:	232	Resp:	203646
Ion	Ratio	Lower	Upper
232	100		
131	38.1	32.4	48.6
130	2.1	1.9	2.9
166	28.4	23.4	35.2



#60
Diethylphthalate
Concen: 46.591 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:	149	Resp:	641335
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.0	10.2	15.4

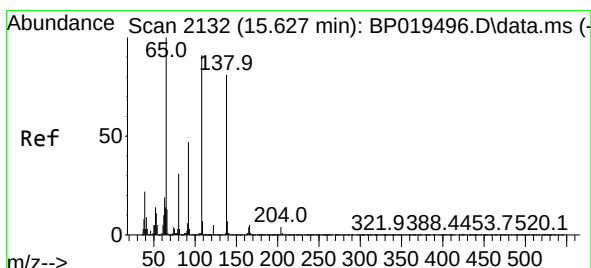
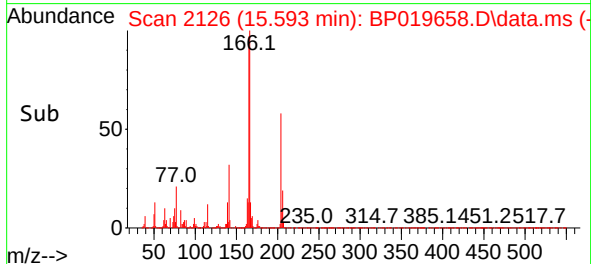
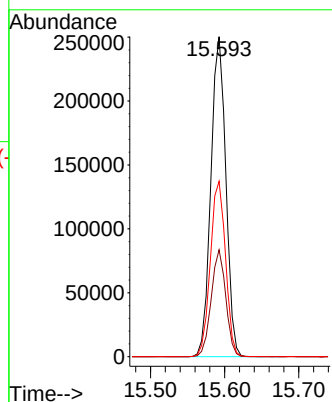
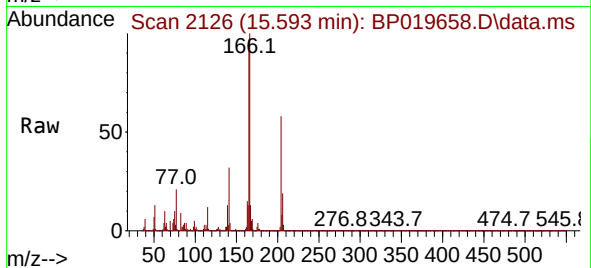




#61
4-Chlorophenyl-phenylether
Concen: 46.607 ng
RT: 15.593 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

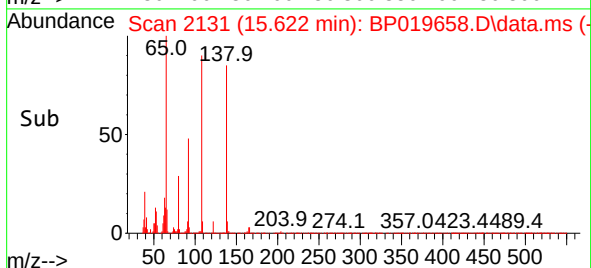
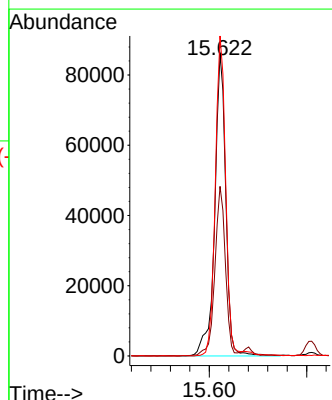
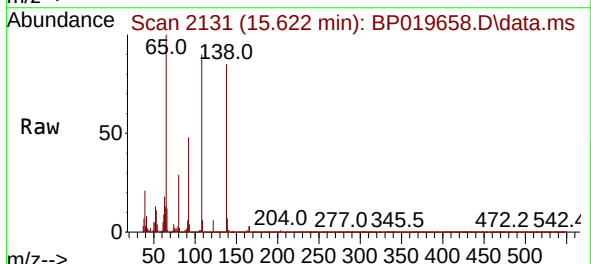
Instrument :
BNA_P
ClientSampleId :
PB158945BS

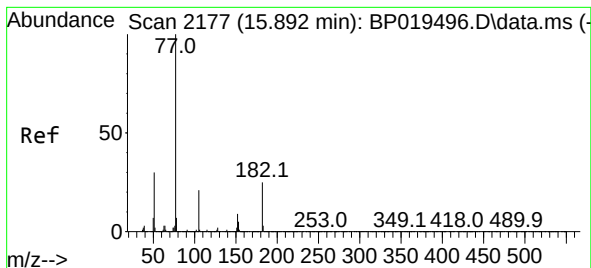
Tgt Ion:204 Resp: 350465
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 54.8 48.5 72.7



#62
4-Nitroaniline
Concen: 46.310 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:138 Resp: 135638
Ion Ratio Lower Upper
138 100
92 56.1 38.3 78.3
108 105.9 91.2 131.2





#63

Azobenzene

Concen: 44.330 ng

RT: 15.887 min Scan# 2176

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

Tgt Ion: 77 Resp: 590081

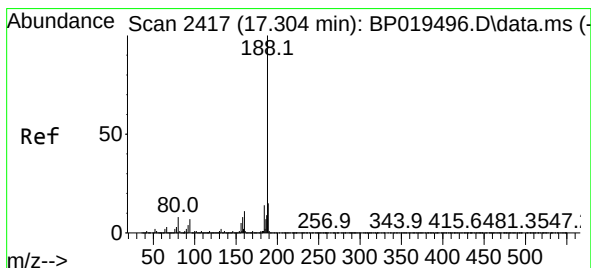
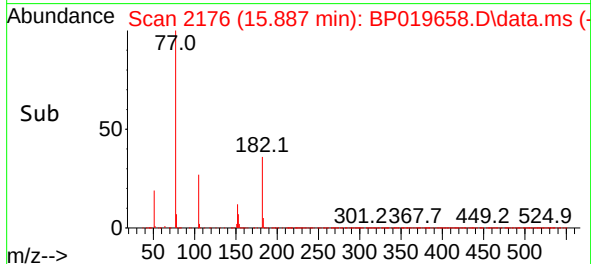
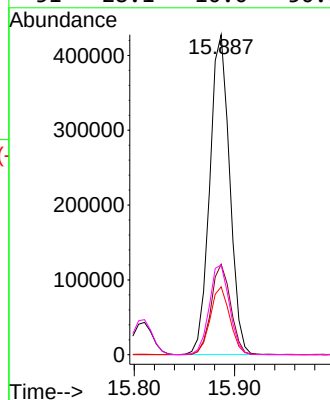
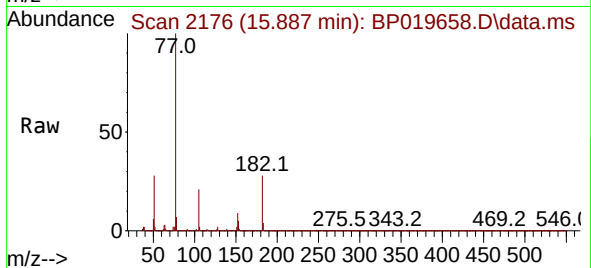
Ion Ratio Lower Upper

77 100

182 28.2 5.1 45.1

105 21.2 0.8 40.8

51 28.1 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

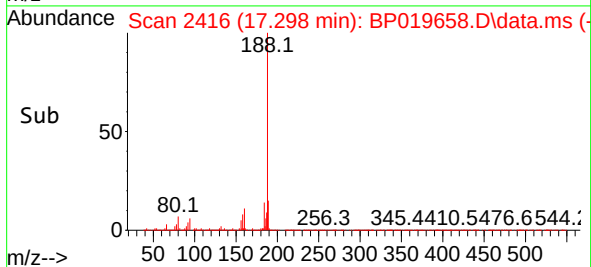
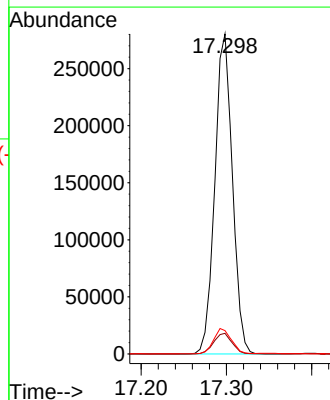
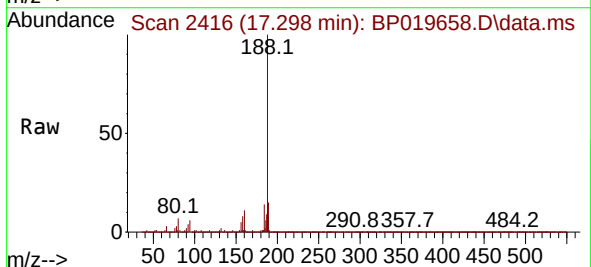
Tgt Ion: 188 Resp: 401437

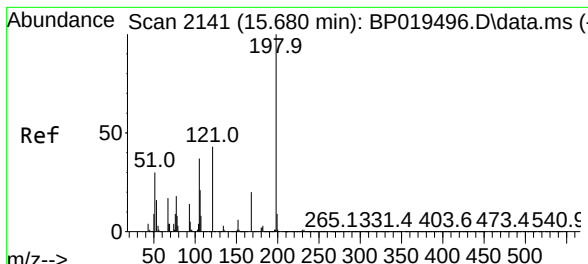
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.2

80 7.3 6.3 9.5

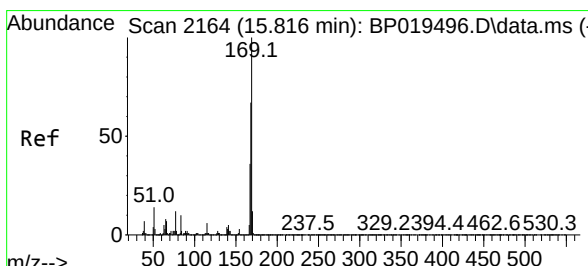
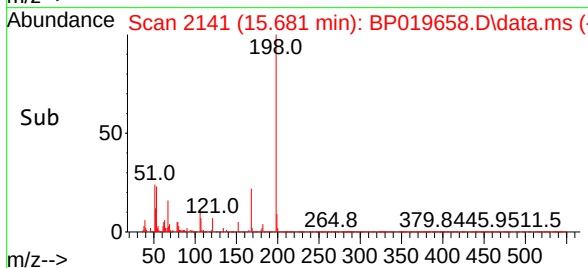
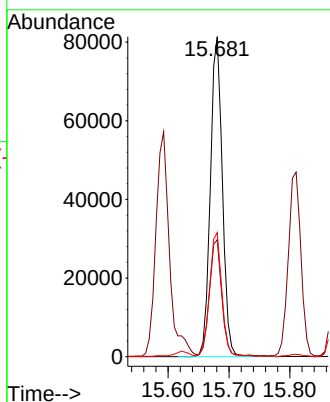
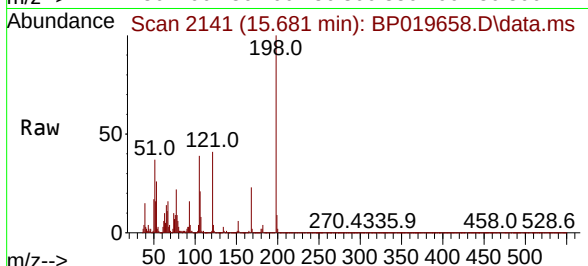




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.682 ng
 RT: 15.681 min Scan# 2141
 Delta R.T. 0.000 min
 Lab File: BP019658.D
 Acq: 12 Feb 2024 12:31

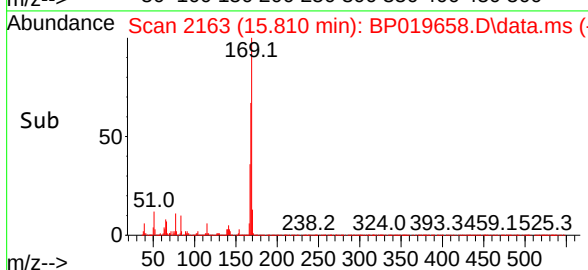
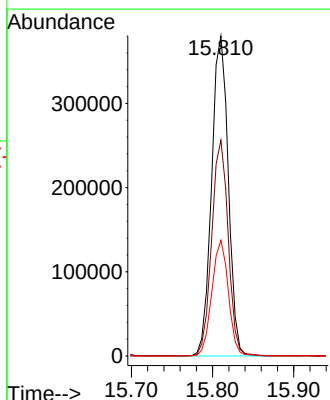
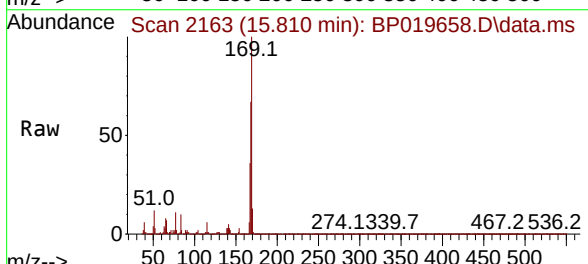
Instrument :
 BNA_P
 ClientSampleId :
 PB158945BS

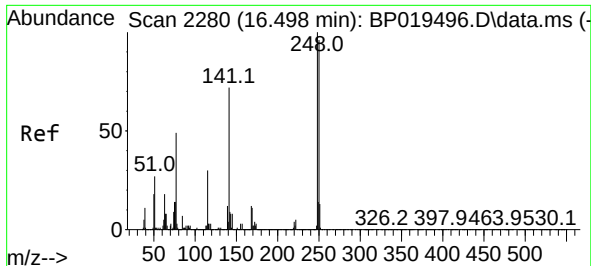
Tgt Ion:	198	Resp:	111435
Ion Ratio	Lower	Upper	
198	100		
51	36.6	21.2	61.2
105	38.8	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 45.024 ng
 RT: 15.810 min Scan# 2163
 Delta R.T. -0.005 min
 Lab File: BP019658.D
 Acq: 12 Feb 2024 12:31

Tgt Ion:	169	Resp:	541310
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.4	80.2
167	36.1	28.9	43.3

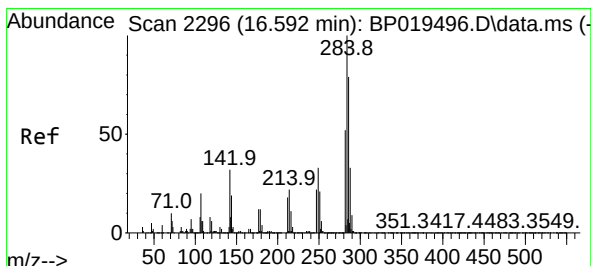
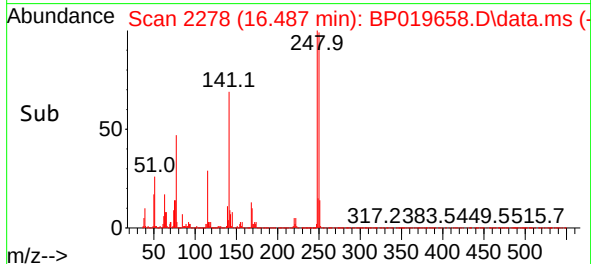
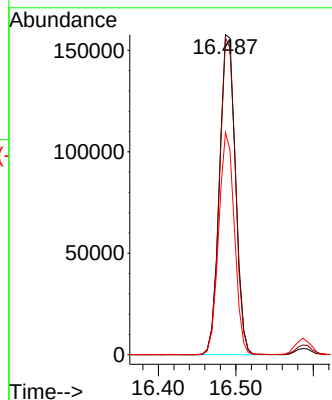
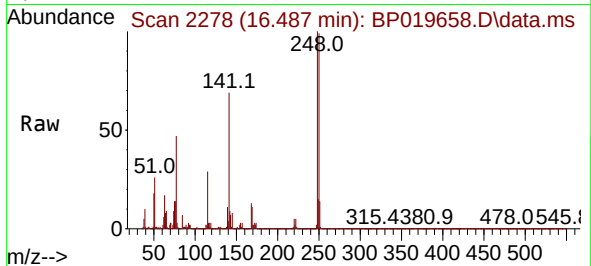




#67
4-Bromophenyl-phenylether
Concen: 45.322 ng
RT: 16.487 min Scan# 211
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

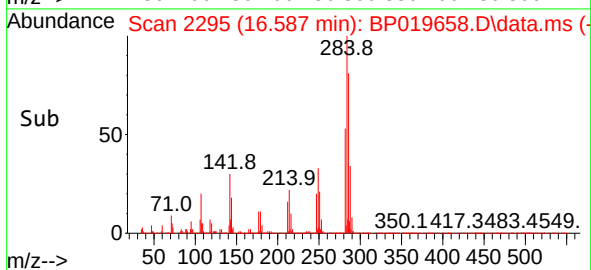
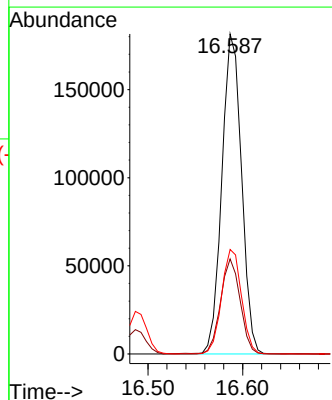
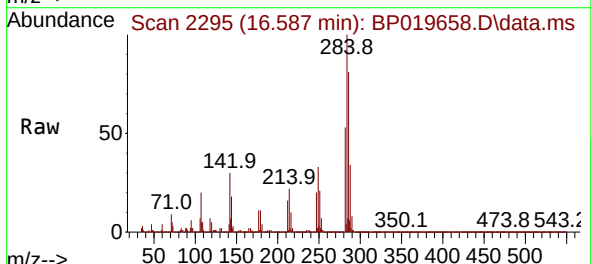
Instrument :
BNA_P
ClientSampleId :
PB158945BS

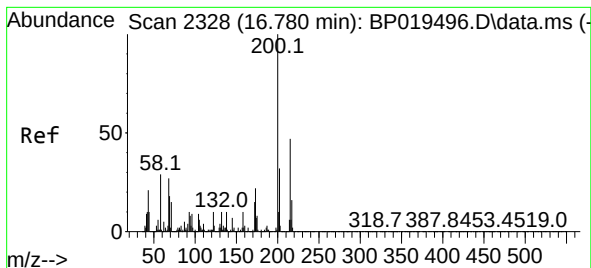
Tgt Ion:248 Resp: 227448
Ion Ratio Lower Upper
248 100
250 99.0 76.9 115.3
141 69.4 58.0 87.0



#68
Hexachlorobenzene
Concen: 44.681 ng
RT: 16.587 min Scan# 2295
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:284 Resp: 261852
Ion Ratio Lower Upper
284 100
142 29.7 25.4 38.2
249 32.6 26.5 39.7





#69

Atrazine

Concen: 51.539 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

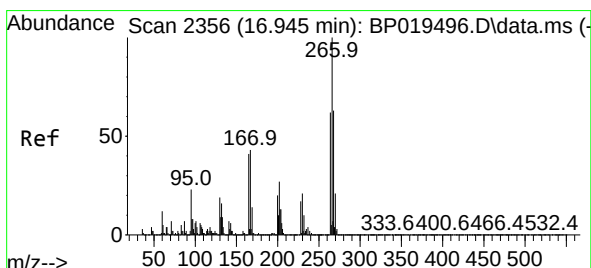
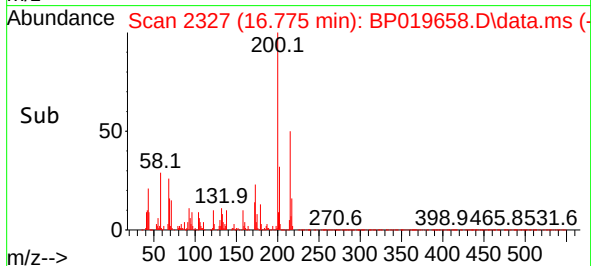
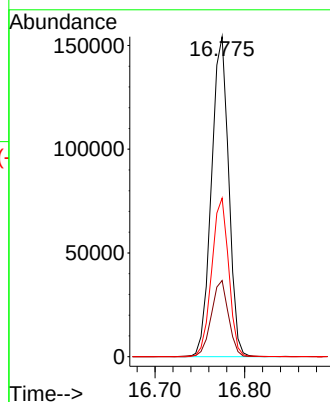
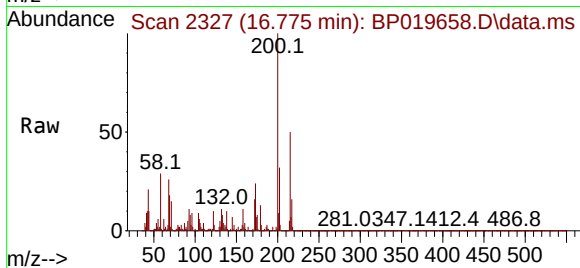
Tgt Ion:200 Resp: 205614

Ion Ratio Lower Upper

200 100

173 23.8 1.7 41.7

215 49.5 26.9 66.9



#70

Pentachlorophenol

Concen: 100.745 ng

RT: 16.940 min Scan# 2355

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

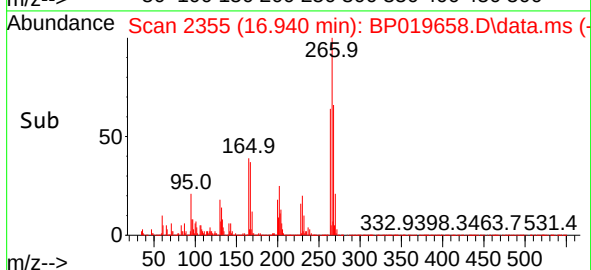
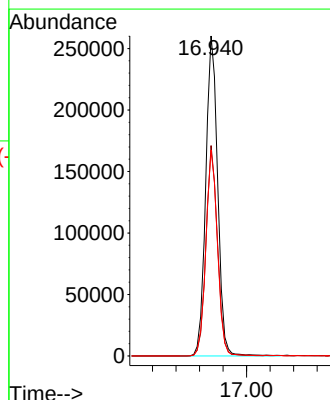
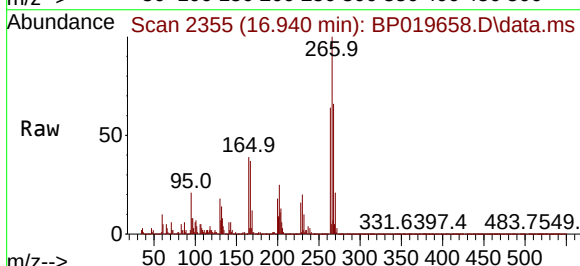
Tgt Ion:266 Resp: 367674

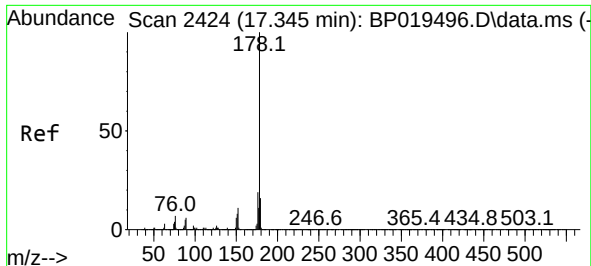
Ion Ratio Lower Upper

266 100

268 65.8 50.3 75.5

264 64.3 49.7 74.5

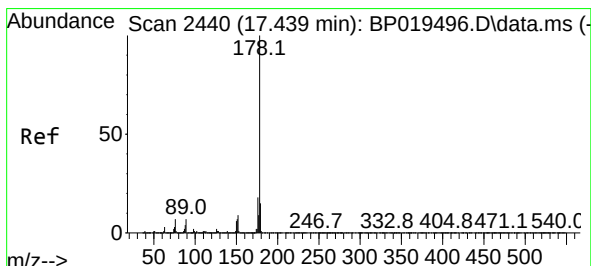
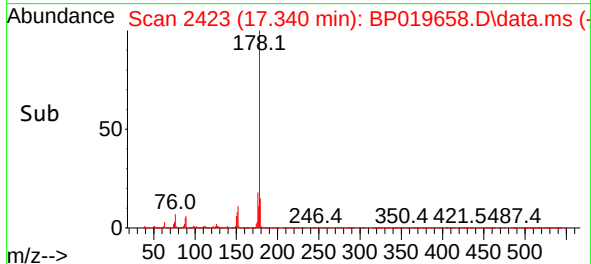
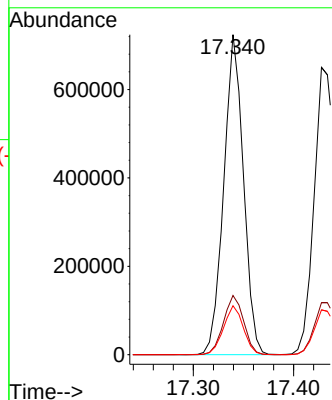
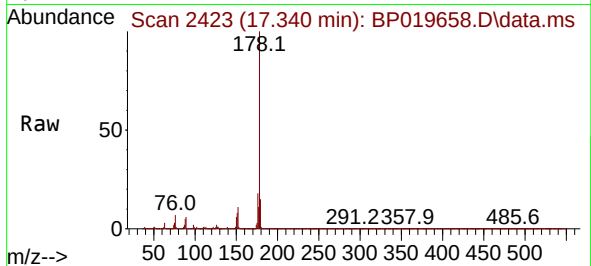




#71
Phenanthrene
Concen: 46.703 ng
RT: 17.340 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

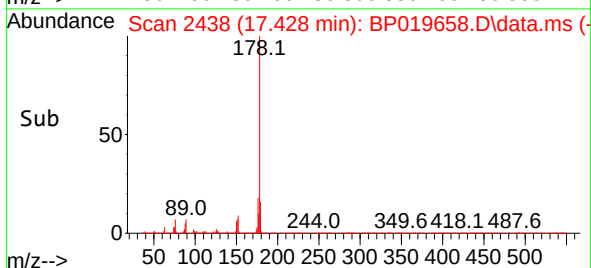
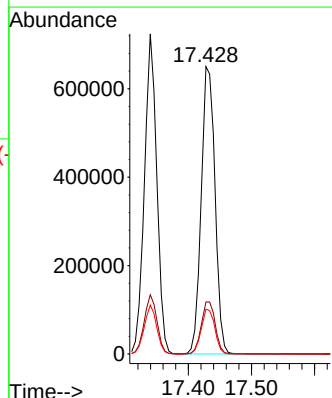
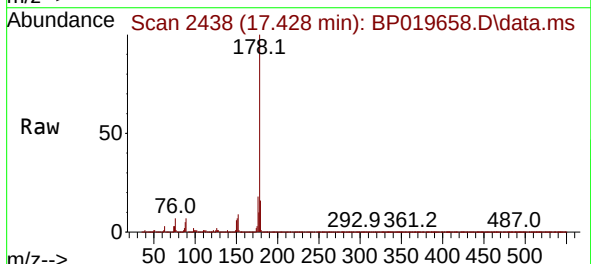
Instrument :
BNA_P
ClientSampleId :
PB158945BS

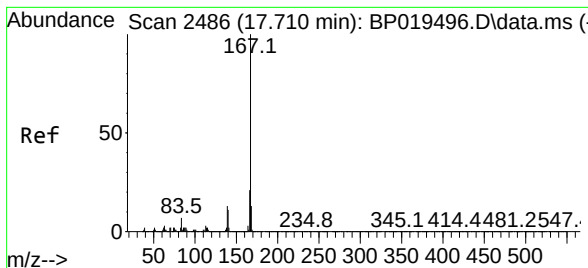
Tgt Ion:178 Resp: 986658
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.3 12.6 19.0



#72
Anthracene
Concen: 46.717 ng
RT: 17.428 min Scan# 2438
Delta R.T. -0.011 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:178 Resp: 984549
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.6 12.2 18.2





#73

Carbazole

Concen: 46.659 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

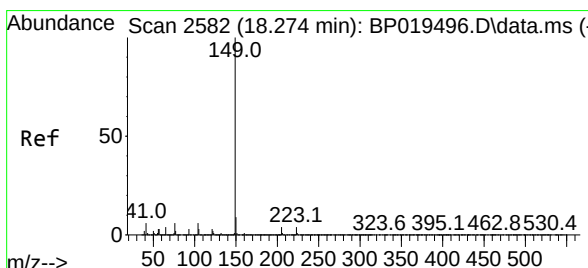
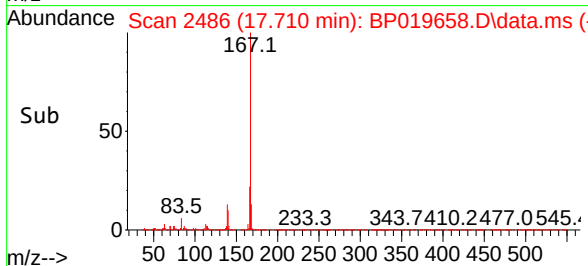
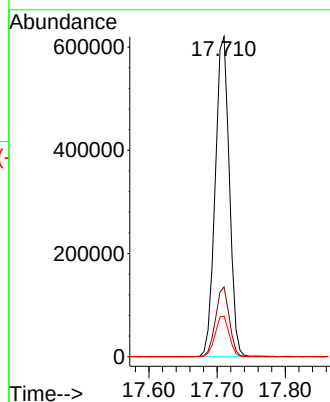
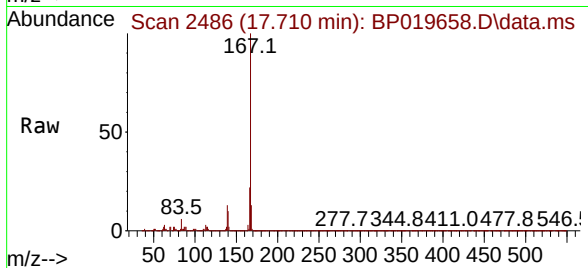
Tgt Ion:167 Resp: 893298

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.755 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

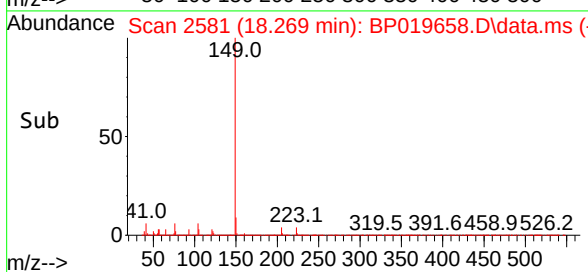
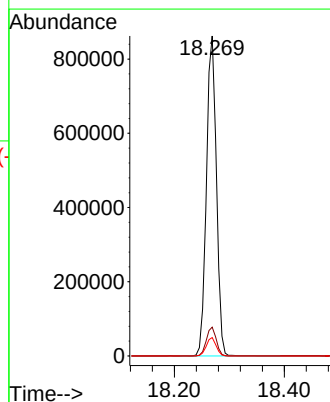
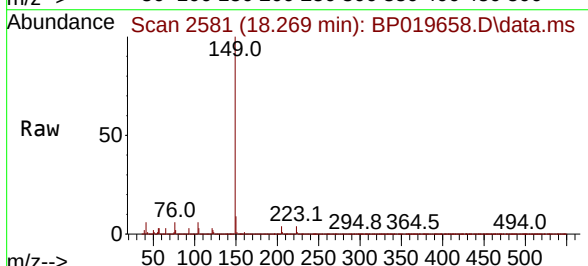
Tgt Ion:149 Resp: 1082335

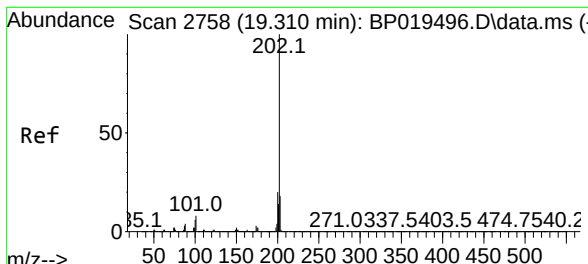
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.7 4.8 7.2

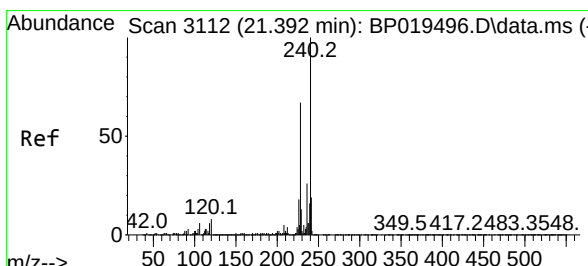
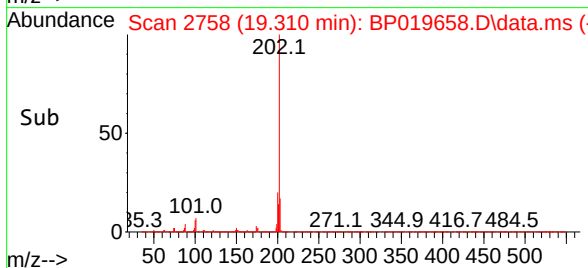
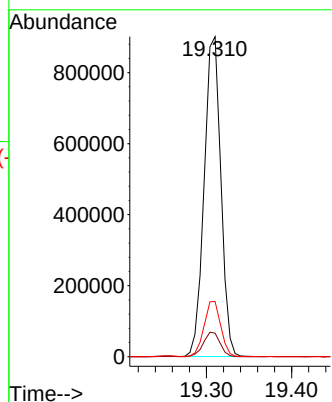
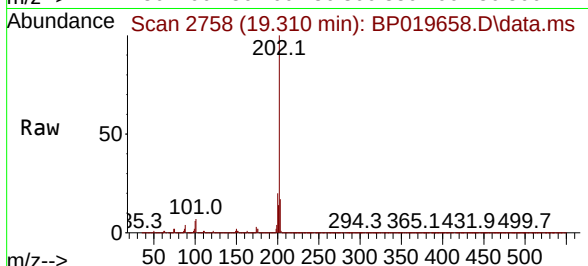




#75
Fluoranthene
Concen: 47.523 ng
RT: 19.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

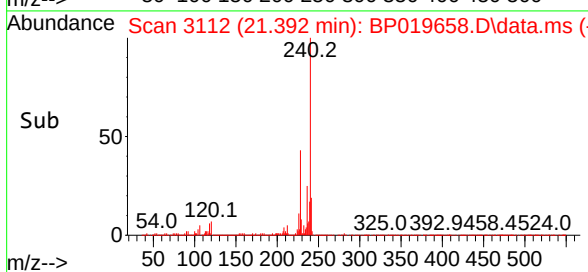
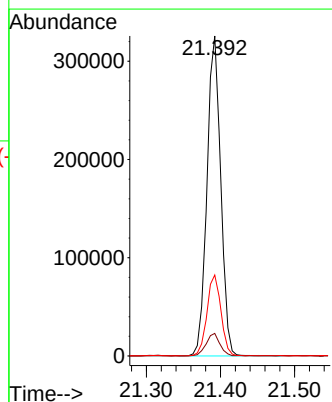
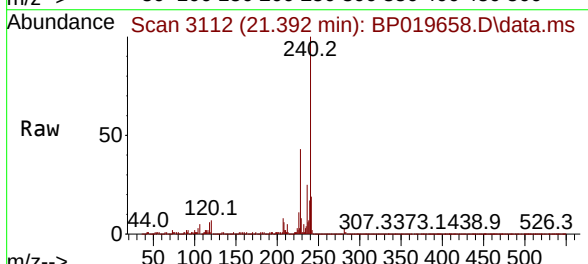
Instrument :
BNA_P
ClientSampleId :
PB158945BS

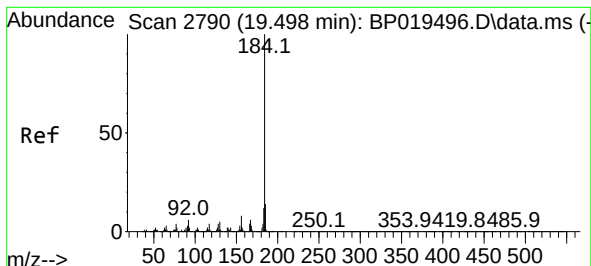
Tgt Ion:202 Resp: 1226463
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:240 Resp: 419447
Ion Ratio Lower Upper
240 100
120 7.0 6.1 9.1
236 25.3 20.7 31.1





#77

Benzidine

Concen: 54.685 ng

RT: 19.498 min Scan# 2790

Delta R.T. 0.000 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

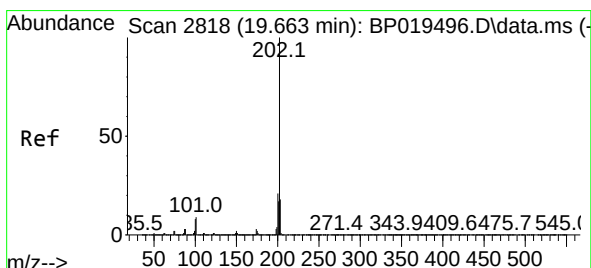
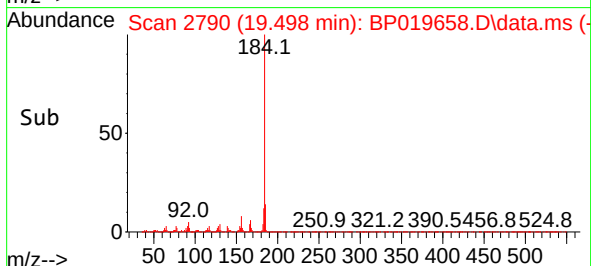
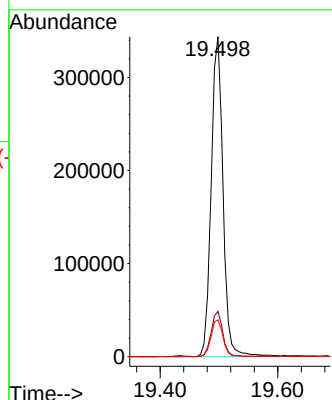
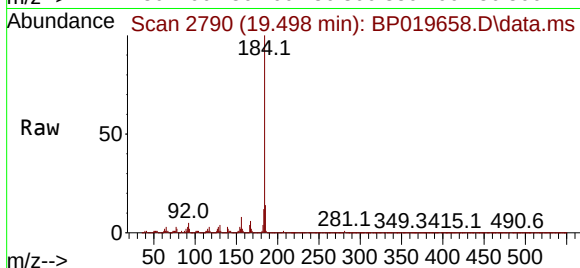
Tgt Ion:184 Resp: 479550

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 11.5 9.7 14.5



#78

Pyrene

Concen: 42.788 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

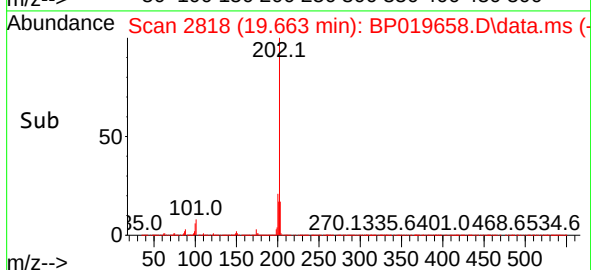
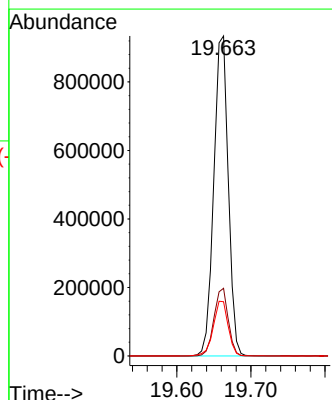
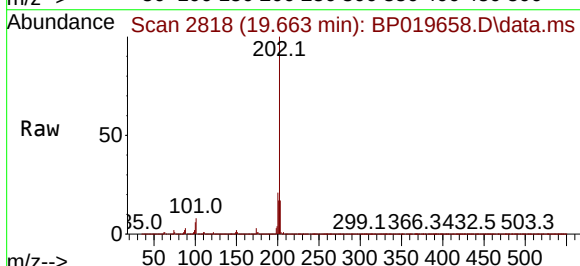
Tgt Ion:202 Resp: 1266641

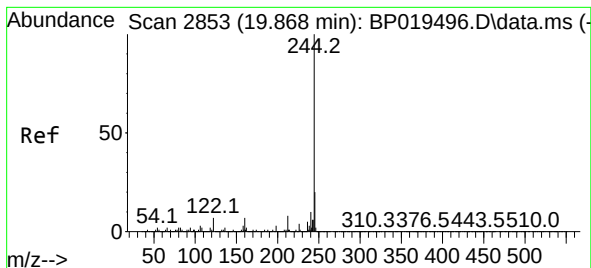
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 16.9 14.2 21.2





#79

Terphenyl-d14

Concen: 85.558 ng

RT: 19.863 min Scan# 2182

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

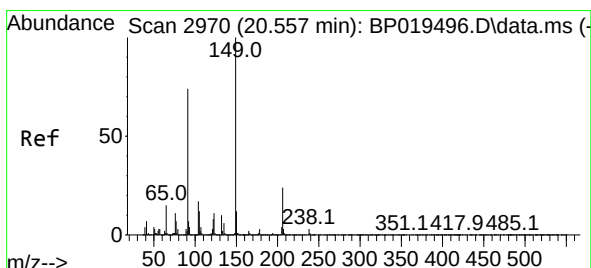
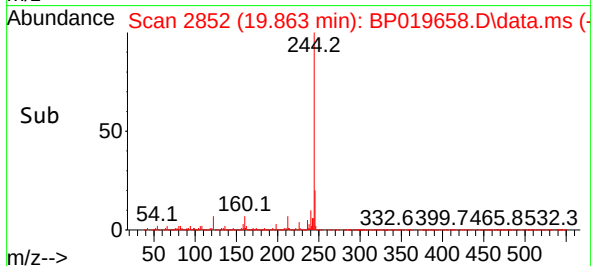
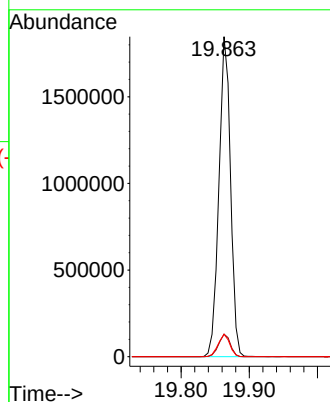
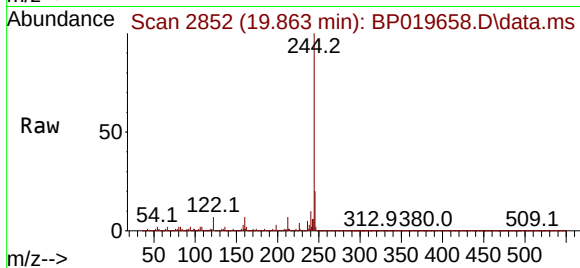
Tgt Ion:244 Resp: 2182181

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 7.0 5.9 8.9



#80

Butylbenzylphthalate

Concen: 44.454 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

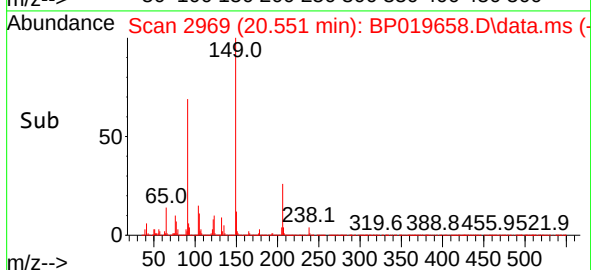
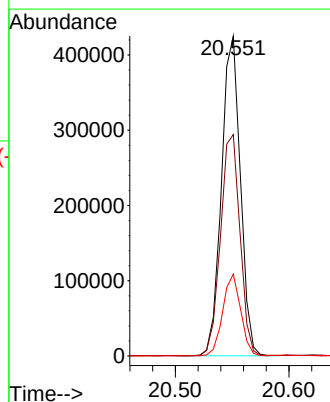
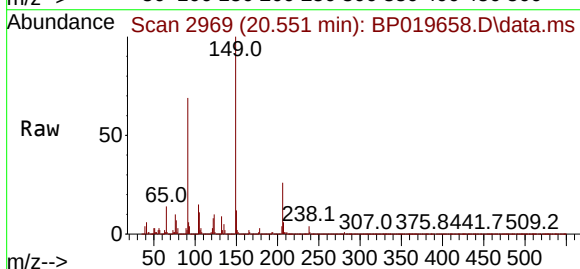
Tgt Ion:149 Resp: 491437

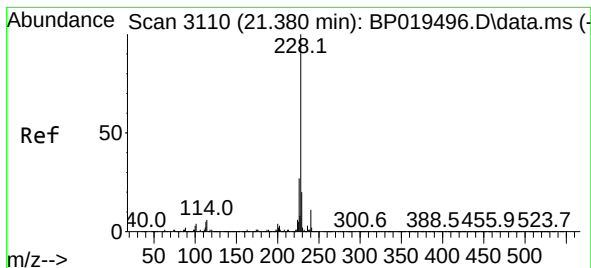
Ion Ratio Lower Upper

149 100

91 69.2 59.4 89.0

206 25.6 19.0 28.6





#81

Benzo(a)anthracene

Concen: 46.716 ng

RT: 21.375 min Scan# 3110

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

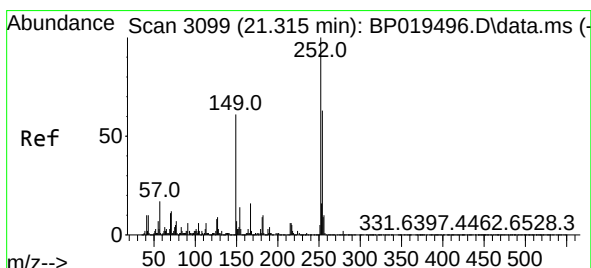
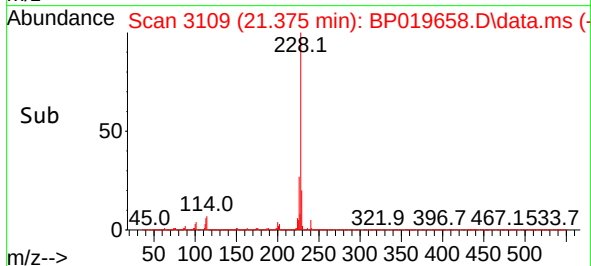
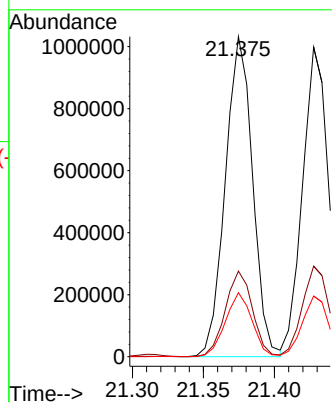
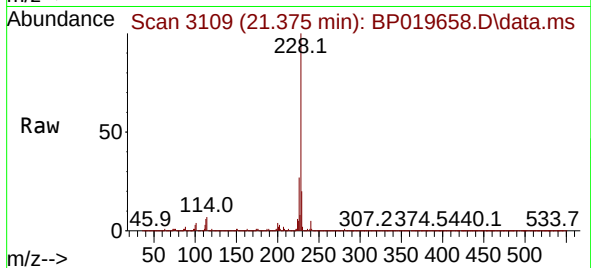
Tgt Ion:228 Resp: 1379325

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 44.171 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

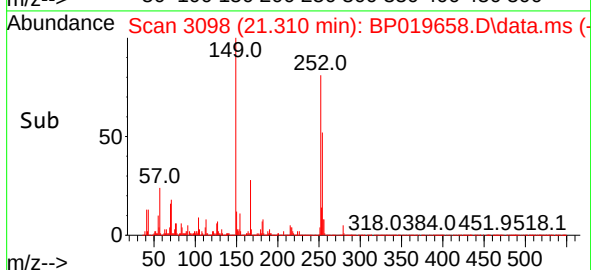
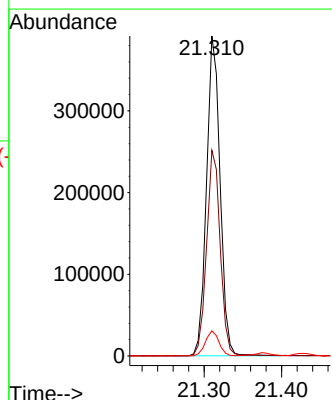
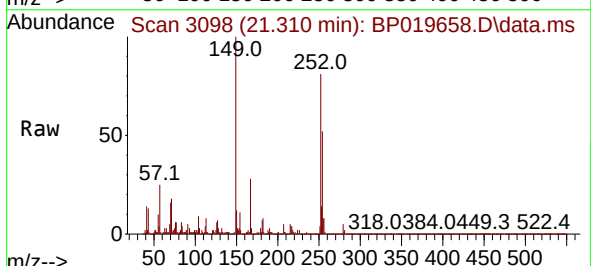
Tgt Ion:252 Resp: 475247

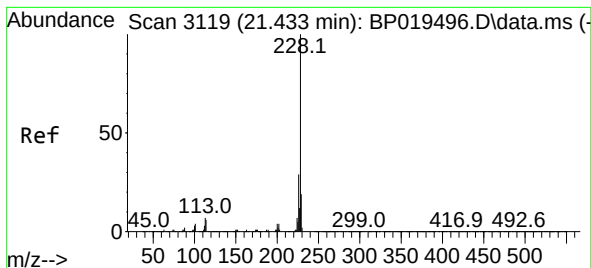
Ion Ratio Lower Upper

252 100

254 64.3 50.7 76.1

126 7.9 6.4 9.6





#83

Chrysene

Concen: 45.371 ng

RT: 21.428 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

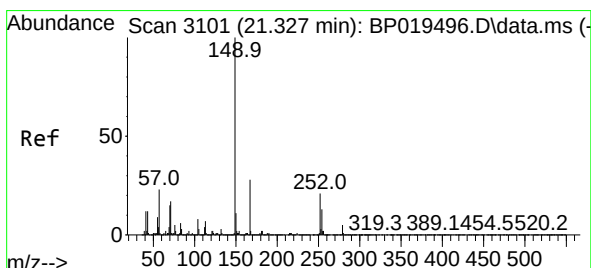
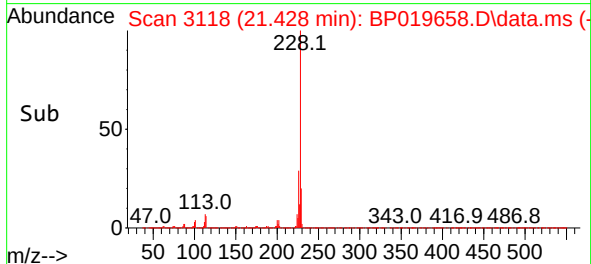
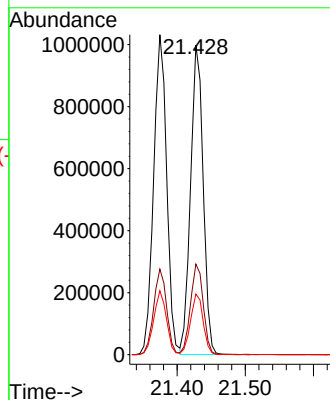
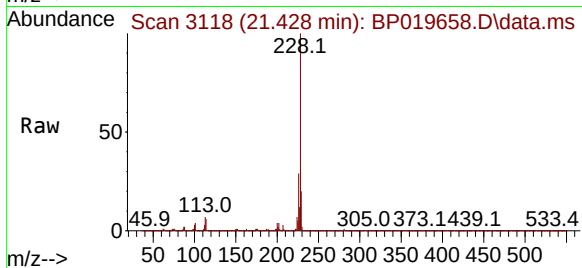
Tgt Ion:228 Resp: 1271855

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.427 ng

RT: 21.316 min Scan# 3099

Delta R.T. -0.011 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

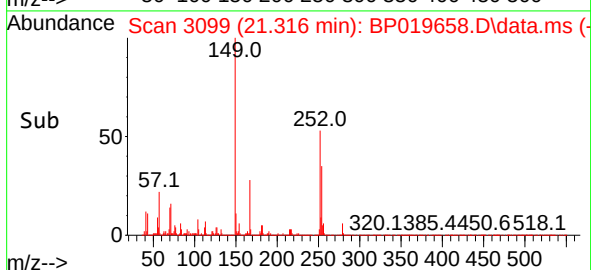
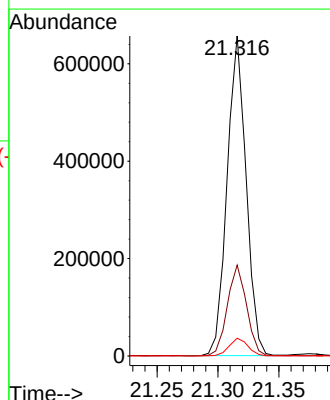
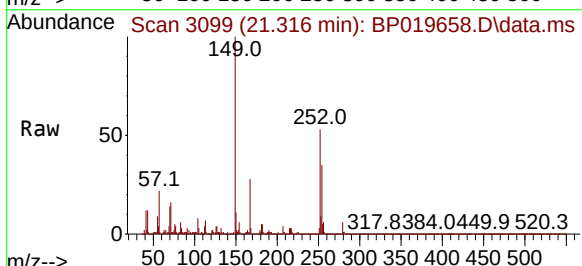
Tgt Ion:149 Resp: 714217

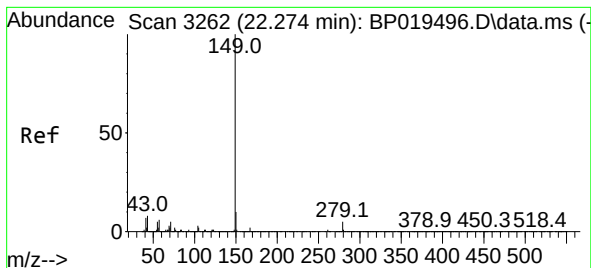
Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

279 5.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 42.885 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.011 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

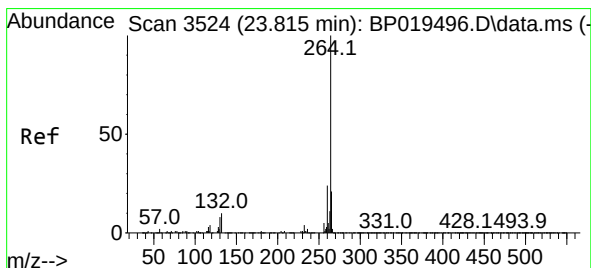
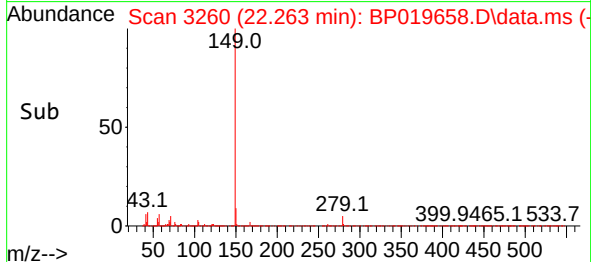
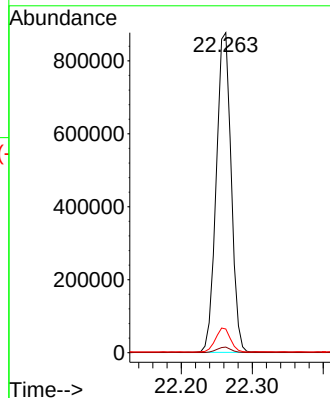
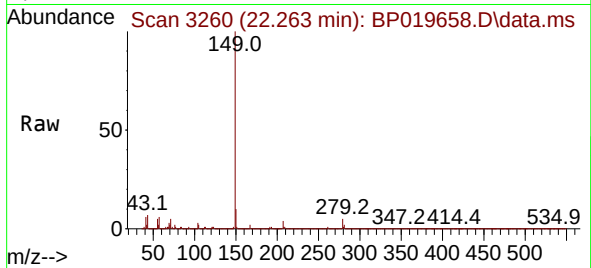
Tgt Ion:149 Resp: 1270187

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

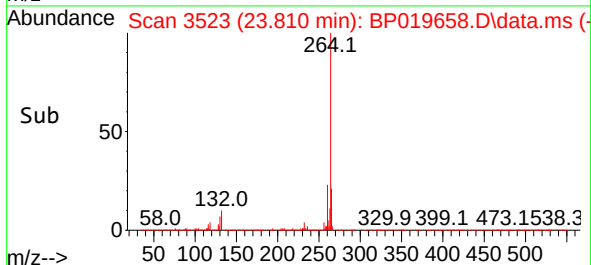
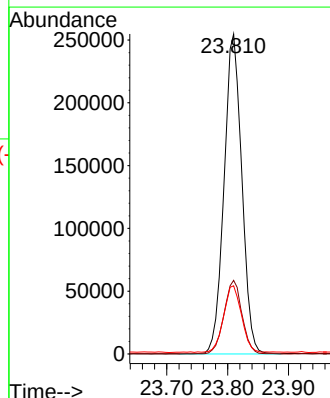
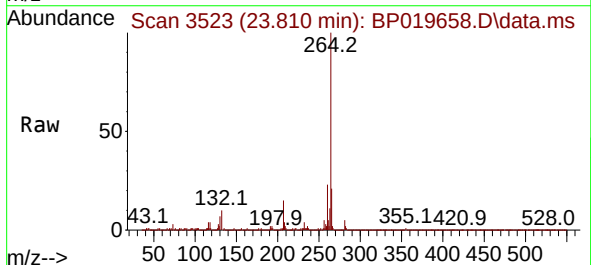
Tgt Ion:264 Resp: 515518

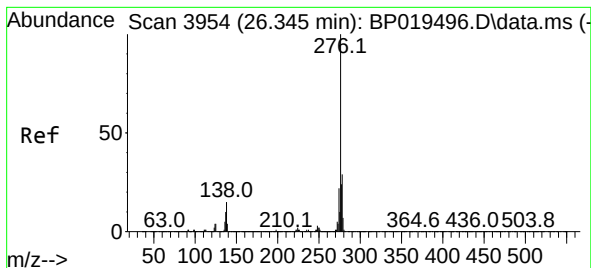
Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.234 ng

RT: 26.345 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

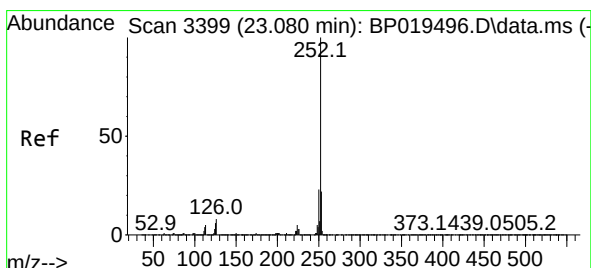
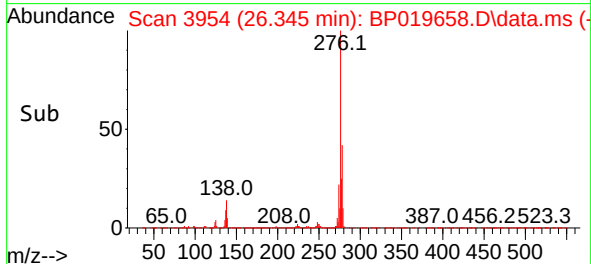
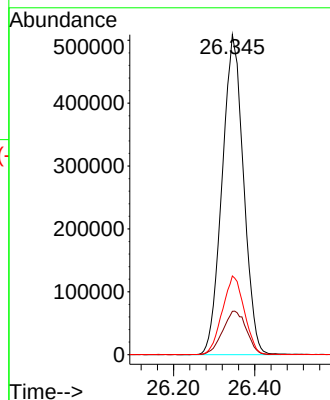
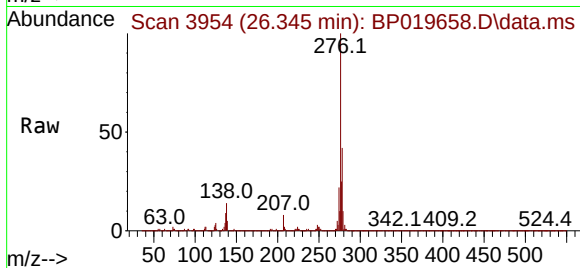
Tgt Ion:276 Resp: 1863895

Ion Ratio Lower Upper

276 100

138 15.0 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.592 ng

RT: 23.075 min Scan# 3398

Delta R.T. -0.005 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

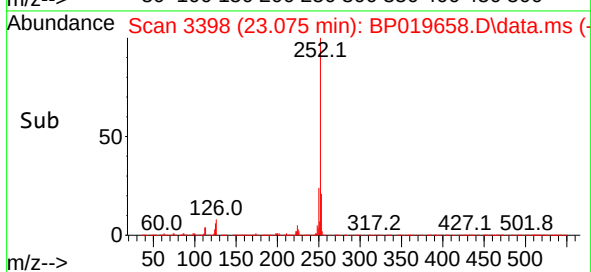
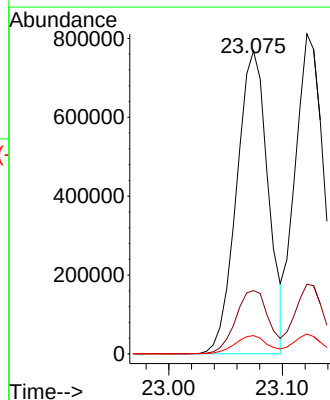
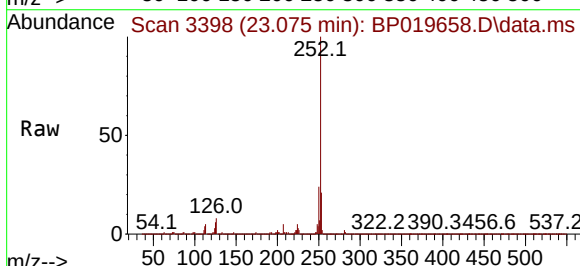
Tgt Ion:252 Resp: 1481332

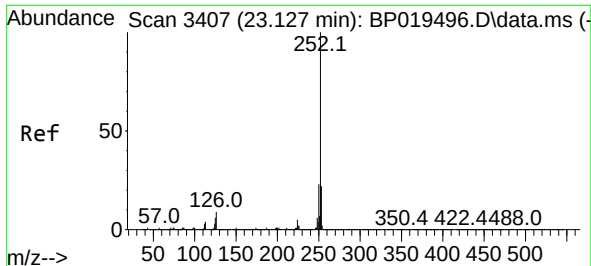
Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

125 6.1 4.9 7.3

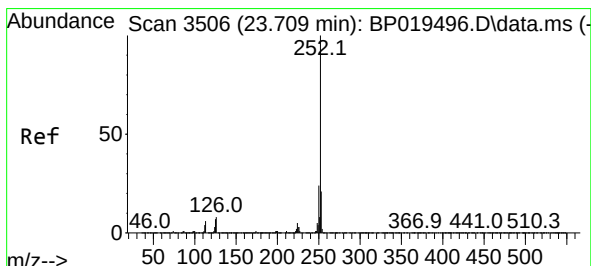
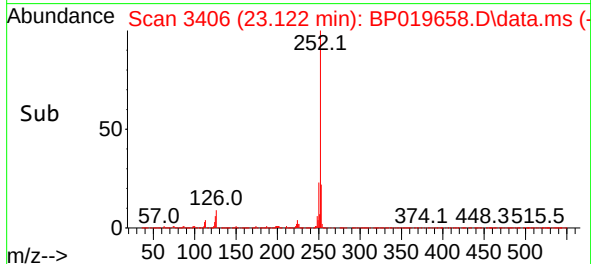
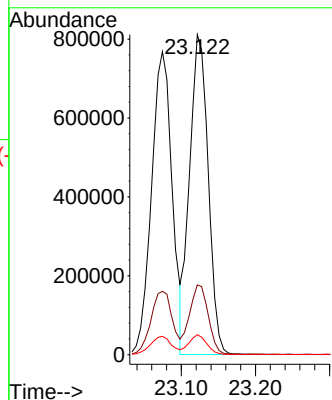
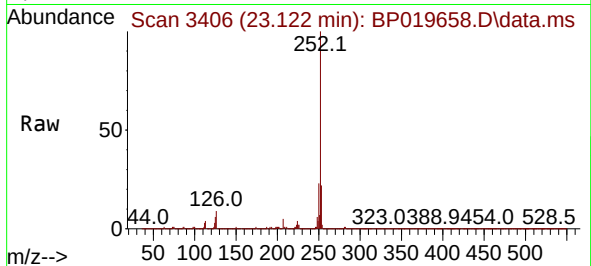




#89
Benzo(k)fluoranthene
Concen: 45.710 ng
RT: 23.122 min Scan# 34
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

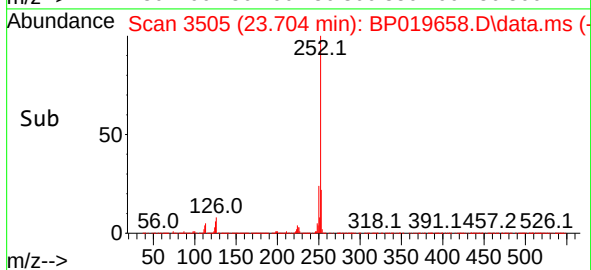
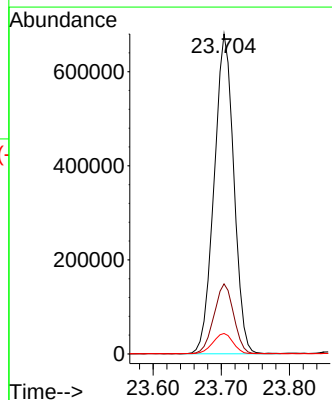
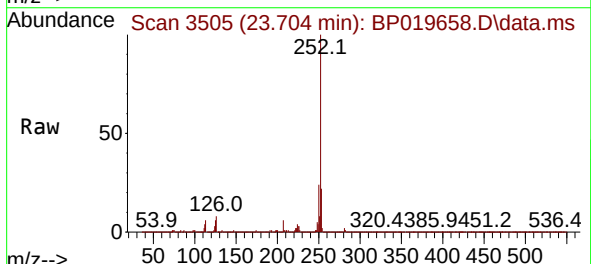
Instrument :
BNA_P
ClientSampleId :
PB158945BS

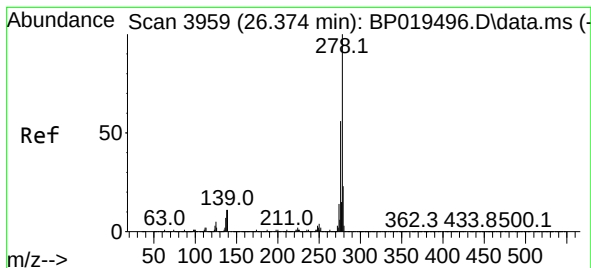
Tgt Ion:252 Resp: 1418660
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.3 5.0 7.6



#90
Benzo(a)pyrene
Concen: 47.248 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.005 min
Lab File: BP019658.D
Acq: 12 Feb 2024 12:31

Tgt Ion:252 Resp: 1365917
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 6.4 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 47.220 ng

RT: 26.374 min Scan# 3959

Delta R.T. 0.000 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Instrument :

BNA_P

ClientSampleId :

PB158945BS

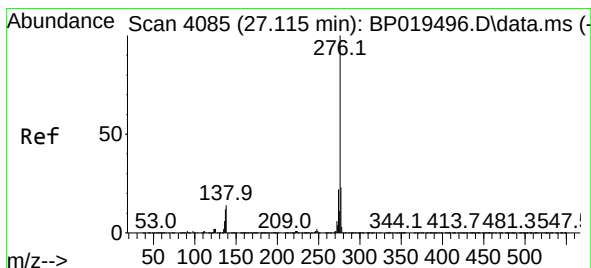
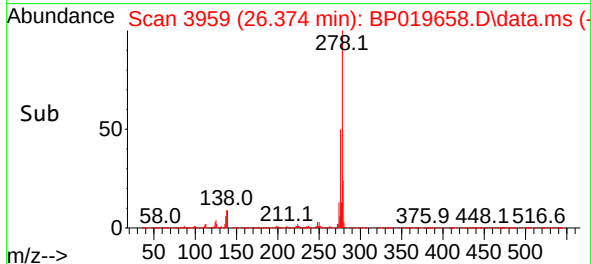
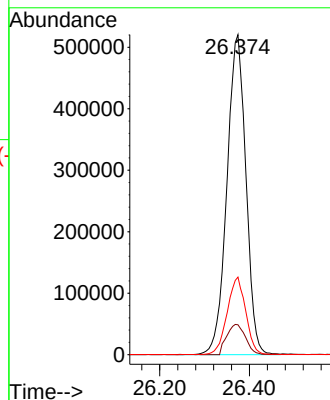
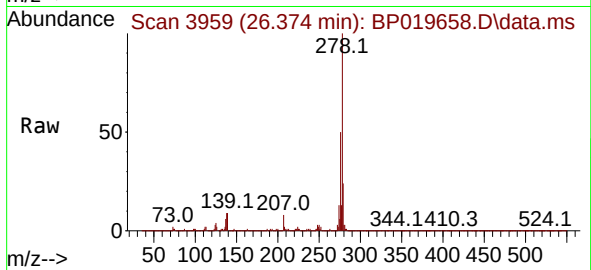
Tgt Ion:278 Resp: 1532537

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: 45.087 ng

RT: 27.121 min Scan# 4086

Delta R.T. 0.006 min

Lab File: BP019658.D

Acq: 12 Feb 2024 12:31

Tgt Ion:276 Resp: 1484536

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 12.9 10.9 16.3

