

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019741.D
 Acq On : 16 Feb 2024 12:50
 Operator : MA/JU
 Sample : PB158970BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB158970BS

Quant Time: Feb 16 13:19:59 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	69893	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	260079	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	173388	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	409566	20.000	ng	0.00
76) Chrysene-d12	21.392	240	401938	20.000	ng	0.00
86) Perylene-d12	23.816	264	457544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	559138	128.952	ng	0.00
7) Phenol-d6	7.081	99	716554	122.561	ng	0.00
23) Nitrobenzene-d5	9.075	82	486653	81.081	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	419422	165.675	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1154484	82.313	ng	-0.01
79) Terphenyl-d14	19.863	244	2225564	91.060	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	54166	32.424	ng	97
3) Pyridine	3.781	79	147890	32.653	ng	98
4) n-Nitrosodimethylamine	3.699	42	80903	41.029	ng	96
6) Aniline	7.234	93	145782	25.662	ng	100
8) 2-Chlorophenol	7.469	128	202304	45.445	ng	94
10) Phenol	7.105	94	255084	43.775	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	186241	41.081	ng	99
12) 1,3-Dichlorobenzene	7.787	146	228587	41.965	ng	99
13) 1,4-Dichlorobenzene	7.940	146	234262	42.449	ng	99
14) 1,2-Dichlorobenzene	8.252	146	222695	41.706	ng	98
15) Benzyl Alcohol	8.152	79	204382	43.752	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	184019	40.592	ng	99
17) 2-Methylphenol	8.352	107	172450	43.958	ng	96
18) Hexachloroethane	8.969	117	88105	41.188	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	160968	40.308	ng	97
20) 3+4-Methylphenols	8.687	107	233240	43.564	ng	97
22) Acetophenone	8.734	105	312179	42.134	ng	# 98
24) Nitrobenzene	9.116	77	245277	40.587	ng	98
25) Isophorone	9.646	82	435935	41.704	ng	99
26) 2-Nitrophenol	9.822	139	112400	48.780	ng	97
27) 2,4-Dimethylphenol	9.887	122	155531	52.787	ng	97
28) bis(2-Chloroethoxy)met...	10.128	93	245205	41.460	ng	100
29) 2,4-Dichlorophenol	10.357	162	208944	46.912	ng	98
30) 1,2,4-Trichlorobenzene	10.569	180	240065	43.959	ng	98
31) Naphthalene	10.757	128	600263	42.082	ng	100
32) Benzoic acid	10.040	122	146530	51.043	ng	97
33) 4-Chloroaniline	10.875	127	67614	12.818	ng	95
34) Hexachlorobutadiene	11.022	225	175096	43.267	ng	99
35) Caprolactam	11.687	113	64482	51.140	ng	99
36) 4-Chloro-3-methylphenol	12.004	107	229520	47.260	ng	99
37) 2-Methylnaphthalene	12.363	142	427689	43.326	ng	98
38) 1-Methylnaphthalene	12.587	142	409976	42.262	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	300275	44.905	ng	99
41) Hexachlorocyclopentadiene	12.693	237	386105	127.815	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	192206	47.469	ng	99
44) 2,4,5-Trichlorophenol	13.051	196	213567	48.033	ng	98

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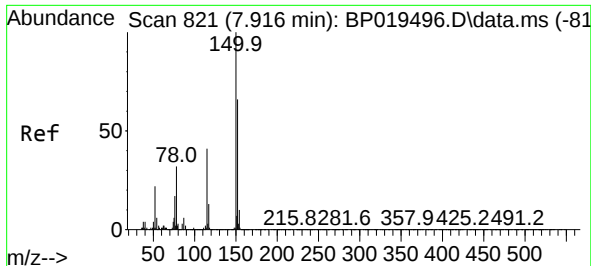
Quant Time: Feb 16 13:19:59 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.375	154	586560	42.386	ng	99
47) 2-Chloronaphthalene	13.416	162	472992	41.637	ng	97
48) 2-Nitroaniline	13.634	65	145617	45.842	ng	96
49) Acenaphthylene	14.263	152	753516	47.279	ng	100
50) Dimethylphthalate	14.010	163	613813	46.244	ng	99
51) 2,6-Dinitrotoluene	14.134	165	134708	46.192	ng	96
52) Acenaphthene	14.604	154	422304	42.693	ng	99
53) 3-Nitroaniline	14.463	138	85160	31.776	ng	98
54) 2,4-Dinitrophenol	14.675	184	181827	120.085	ng	99
55) Dibenzofuran	14.940	168	731024	45.375	ng	99
56) 4-Nitrophenol	14.775	139	224960	102.410	ng	97
57) 2,4-Dinitrotoluene	14.922	165	195643	51.194	ng	98
58) Fluorene	15.592	166	590369	46.008	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	202874	54.246	ng	95
60) Diethylphthalate	15.375	149	621232	47.054	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	335130	46.468	ng	94
62) 4-Nitroaniline	15.628	138	134366	47.831	ng	100
63) Azobenzene	15.887	77	552452	43.272	ng	96
65) 4,6-Dinitro-2-methylph...	15.687	198	123448	52.860	ng	93
66) n-Nitrosodiphenylamine	15.810	169	522654	42.610	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	228383	44.605	ng	97
68) Hexachlorobenzene	16.592	284	264887	44.302	ng	94
69) Atrazine	16.775	200	207264	50.921	ng	97
70) Pentachlorophenol	16.945	266	370860	99.601	ng	99
71) Phenanthrene	17.339	178	969588	44.984	ng	99
72) Anthracene	17.434	178	982364	45.688	ng	100
73) Carbazole	17.710	167	896269	45.885	ng	99
74) Di-n-butylphthalate	18.269	149	1066292	45.148	ng	99
75) Fluoranthene	19.310	202	1231744	46.780	ng	99
77) Benzidine	19.498	184	377055	44.870	ng	99
78) Pyrene	19.663	202	1272548	44.860	ng	99
80) Butylbenzylphthalate	20.545	149	479364	45.251	ng	99
81) Benzo(a)anthracene	21.375	228	1281177	45.282	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	369400	35.829	ng	99
83) Chrysene	21.427	228	1192115	44.379	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	682138	42.287	ng	100
85) Di-n-octyl phthalate	22.257	149	1175770	41.427	ng	99
87) Indeno(1,2,3-cd)pyrene	26.357	276	1592657	45.474	ng	98
88) Benzo(b)fluoranthene	23.074	252	1340277	46.478	ng	99
89) Benzo(k)fluoranthene	23.127	252	1235084	44.837	ng	98
90) Benzo(a)pyrene	23.710	252	1191696	46.445	ng	98
91) Dibenzo(a,h)anthracene	26.380	278	1329641	46.160	ng	98
92) Benzo(g,h,i)perylene	27.139	276	1263435	43.234	ng	98

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

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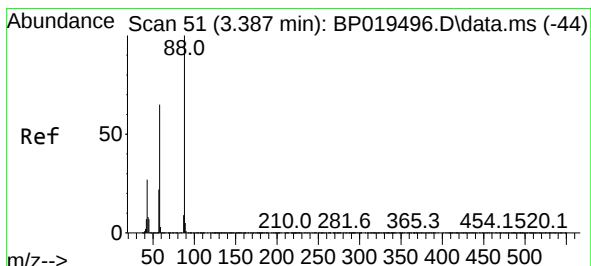
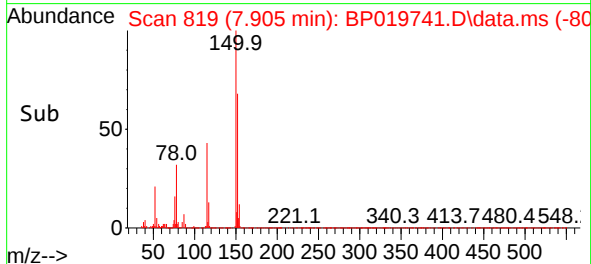
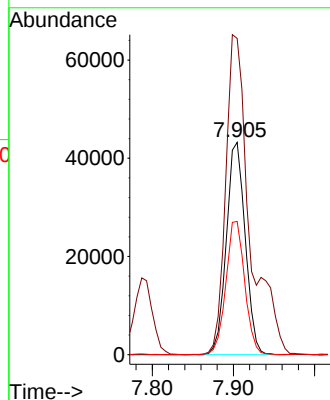
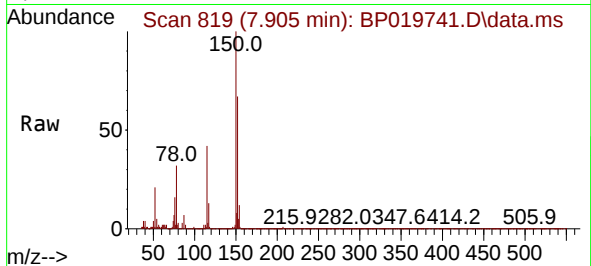




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP019741.D
 Acq: 16 Feb 2024 12:50

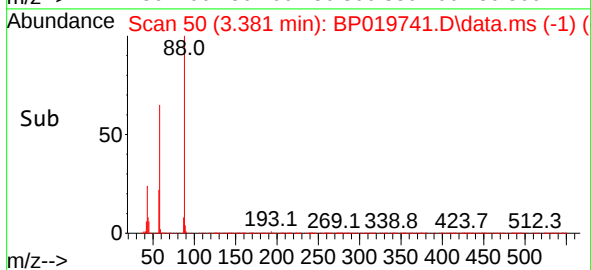
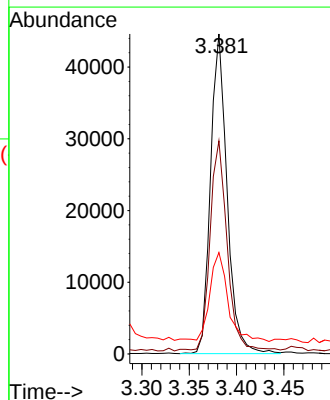
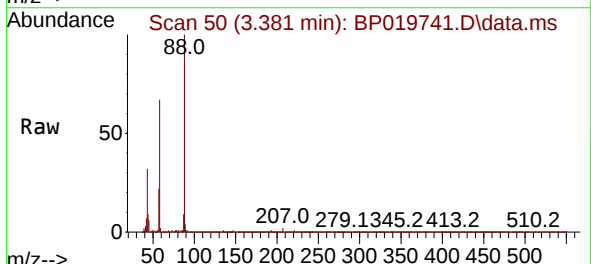
Instrument :
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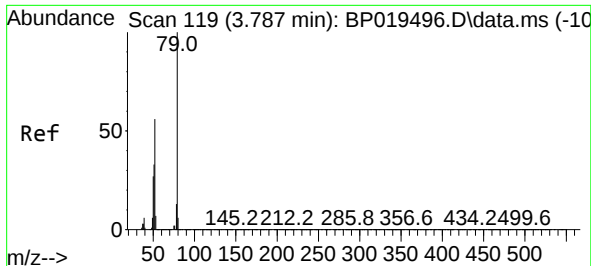
Tgt Ion:152 Resp: 69893
 Ion Ratio Lower Upper
 152 100
 150 149.0 121.8 182.8
 115 62.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 32.424 ng
 RT: 3.381 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP019741.D
 Acq: 16 Feb 2024 12:50

Tgt Ion: 88 Resp: 54166
 Ion Ratio Lower Upper
 88 100
 58 66.2 52.6 78.8
 43 31.0 21.9 32.9

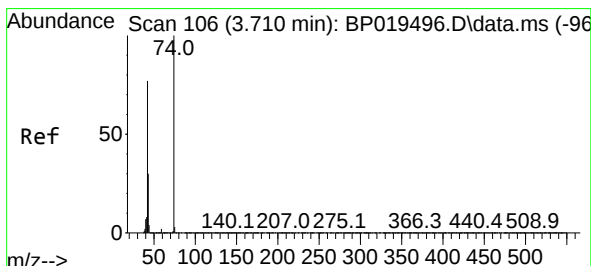
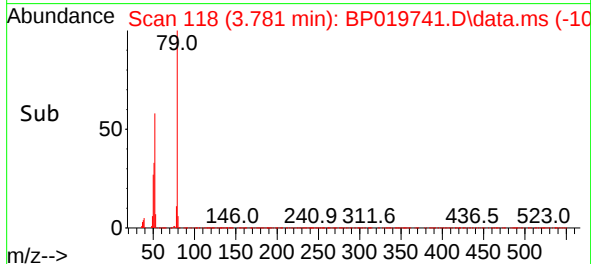
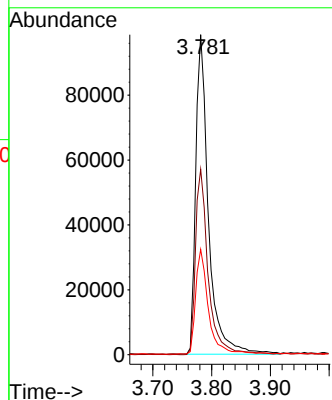
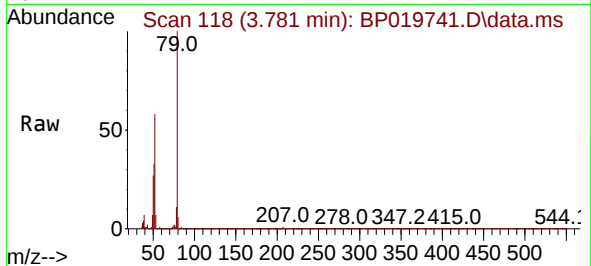




#3
Pyridine
Concen: 32.653 ng
RT: 3.781 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

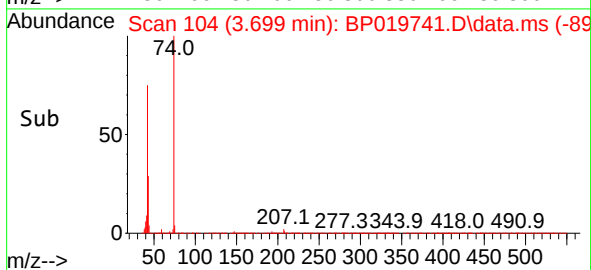
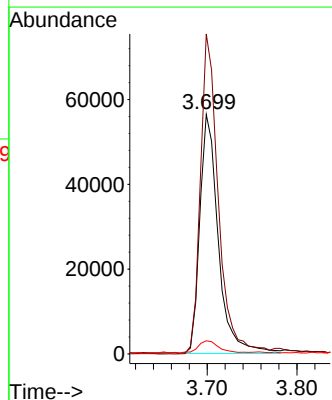
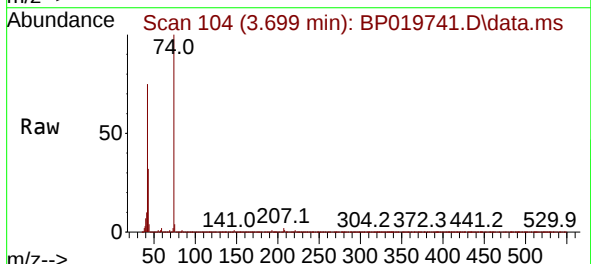
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ClientSampleId :
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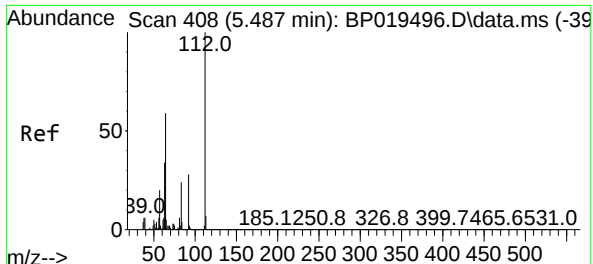
Tgt Ion: 79 Resp: 147890
Ion Ratio Lower Upper
79 100
52 58.0 45.0 67.6
51 32.9 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.029 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 42 Resp: 80903
Ion Ratio Lower Upper
42 100
74 133.6 103.4 155.2
44 5.5 4.8 7.2

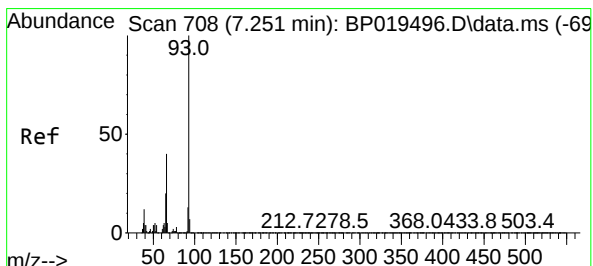
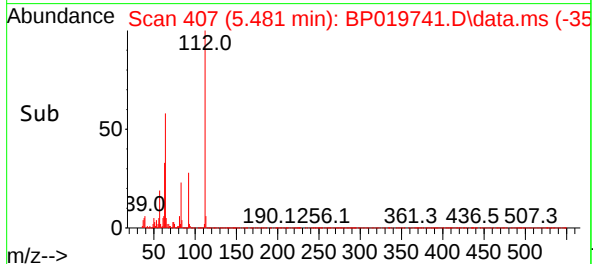
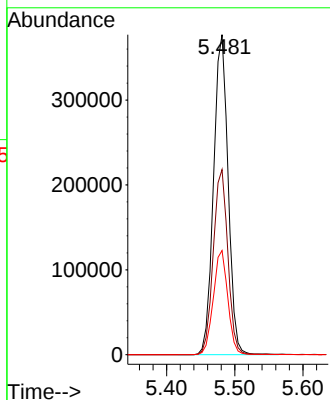
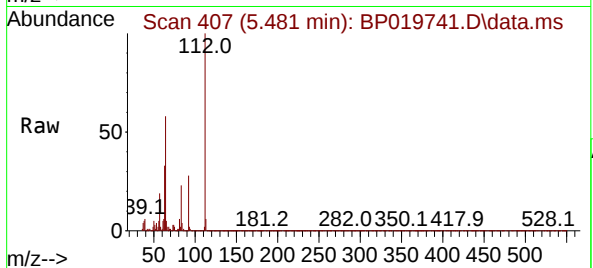




#5
2-Fluorophenol
Concen: 128.952 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

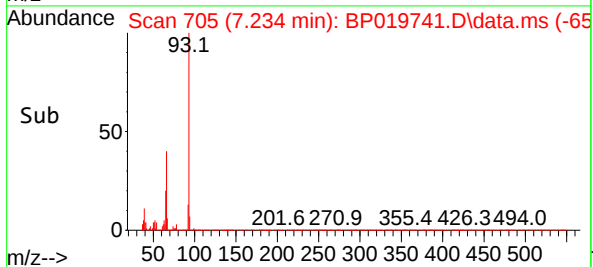
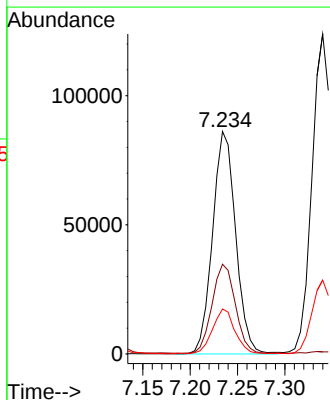
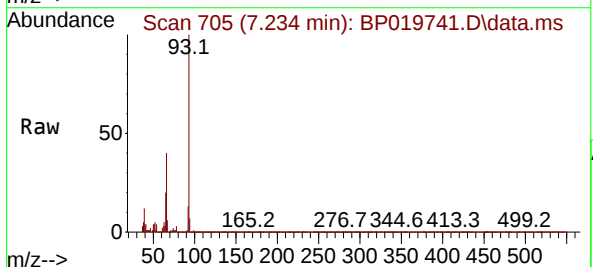
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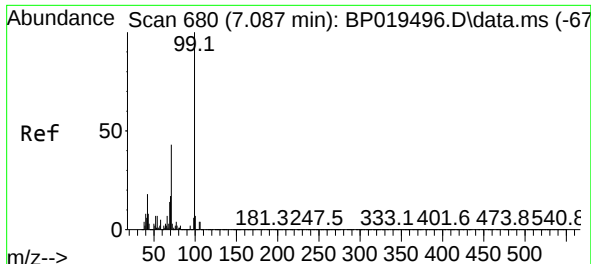
Tgt Ion:112 Resp: 559138
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.0
63 32.5 27.0 40.6



#6
Aniline
Concen: 25.662 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 93 Resp: 145782
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 20.2 16.4 24.6





#7

Phenol-d6

Concen: 122.561 ng

RT: 7.081 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

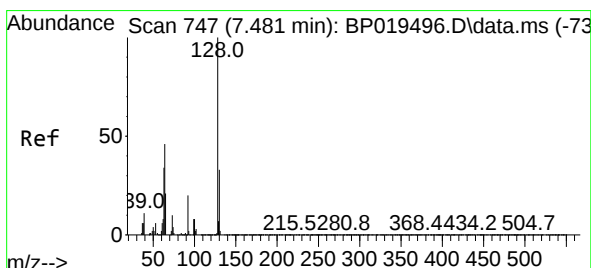
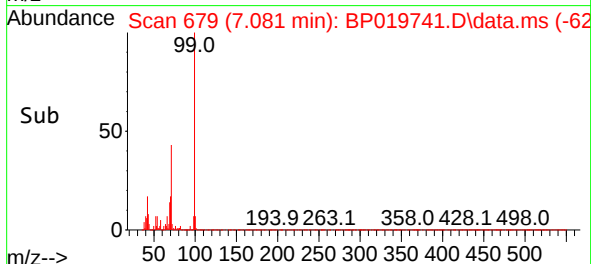
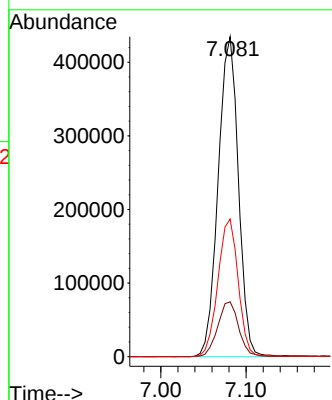
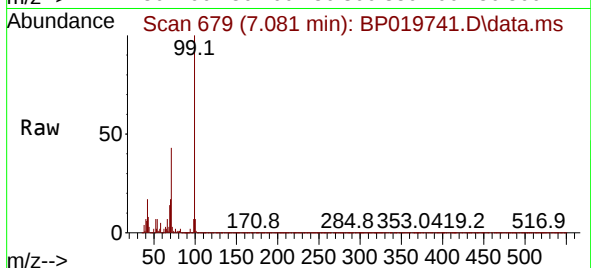
Tgt Ion: 99 Resp: 716554

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

71 43.0 34.8 52.2



#8

2-Chlorophenol

Concen: 45.445 ng

RT: 7.469 min Scan# 745

Delta R.T. -0.011 min

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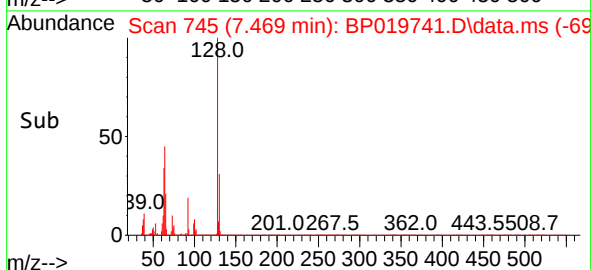
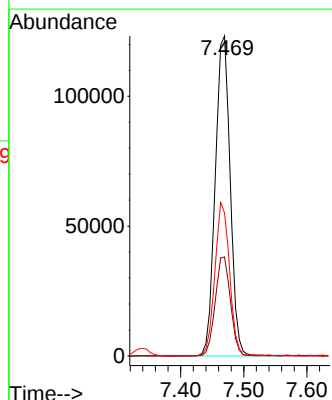
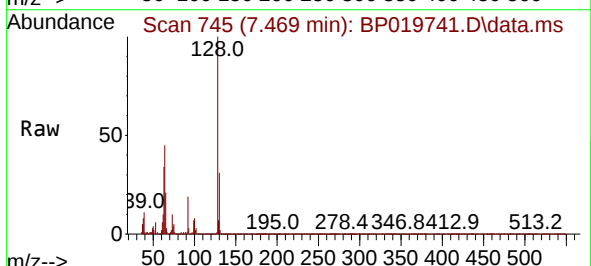
Tgt Ion:128 Resp: 202304

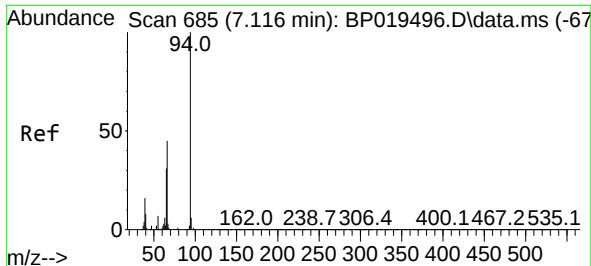
Ion Ratio Lower Upper

128 100

130 30.9 13.3 53.3

64 44.8 29.7 69.7

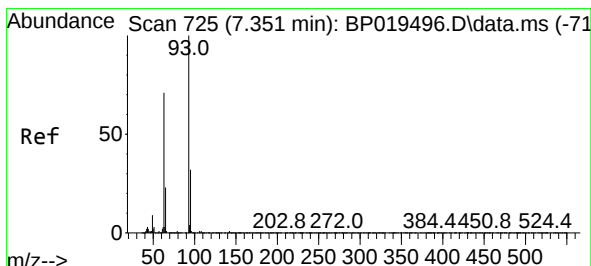
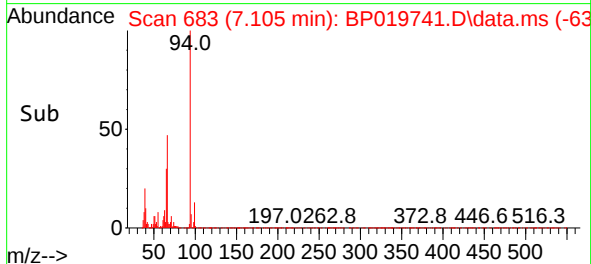
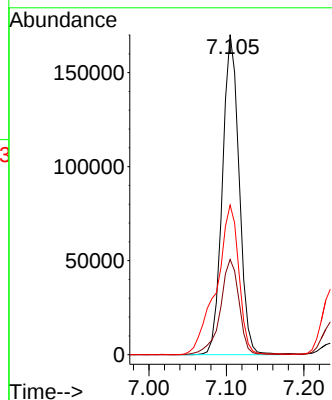
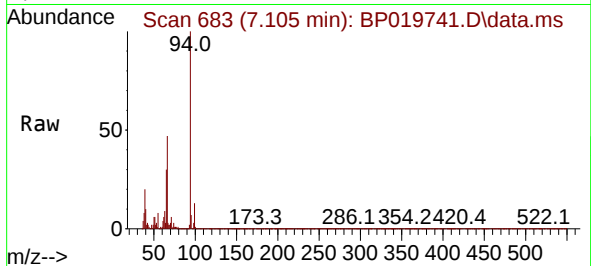




#10
Phenol
Concen: 43.775 ng
RT: 7.105 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

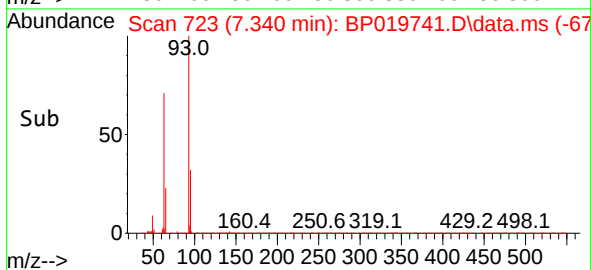
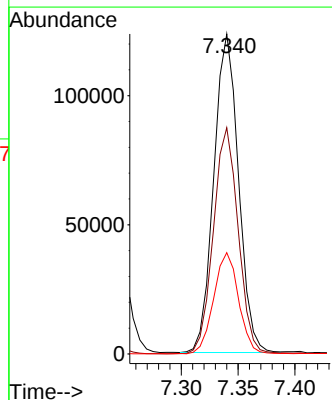
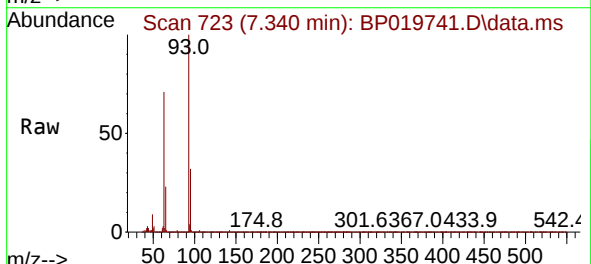
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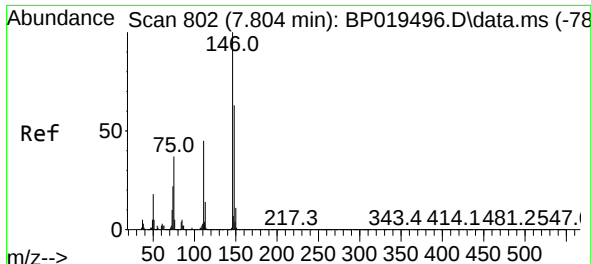
Tgt Ion: 94 Resp: 255084
Ion Ratio Lower Upper
94 100
65 29.8 11.3 51.3
66 46.7 25.1 65.1



#11
bis(2-Chloroethyl)ether
Concen: 41.081 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 93 Resp: 186241
Ion Ratio Lower Upper
93 100
63 70.7 51.2 91.2
95 31.6 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 41.965 ng

RT: 7.787 min Scan# 799

Delta R.T. -0.017 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

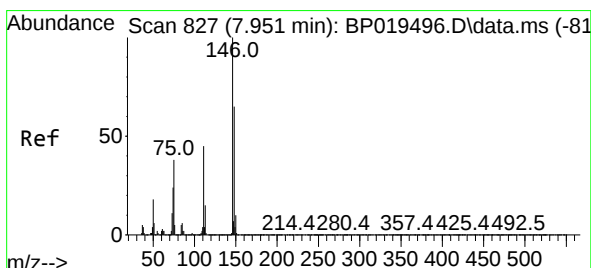
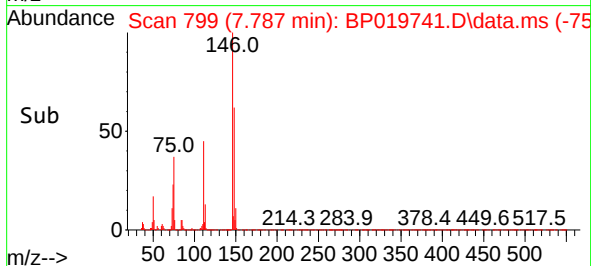
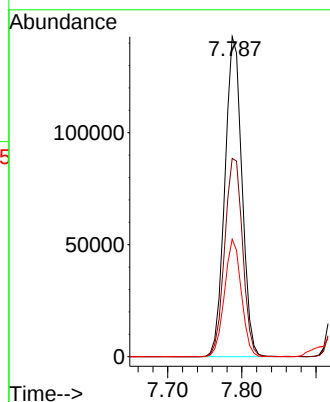
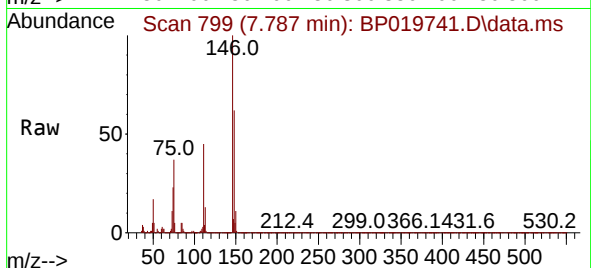
Tgt Ion:146 Resp: 228587

Ion Ratio Lower Upper

146 100

148 61.9 50.4 75.6

75 36.7 29.9 44.9



#13

1,4-Dichlorobenzene

Concen: 42.449 ng

RT: 7.940 min Scan# 825

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

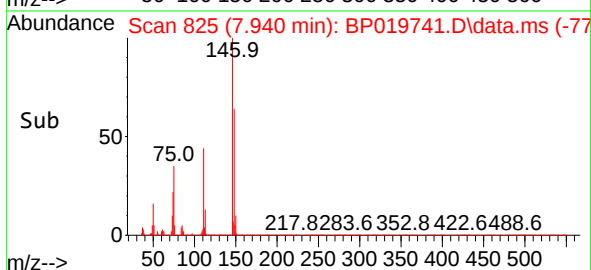
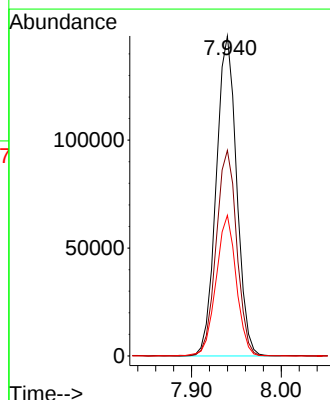
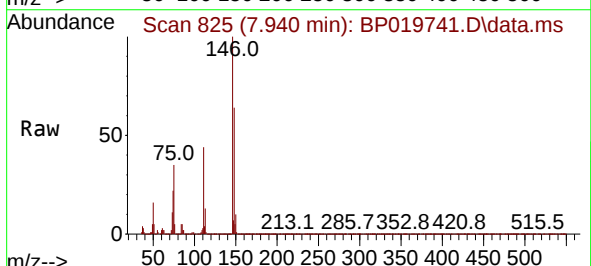
Tgt Ion:146 Resp: 234262

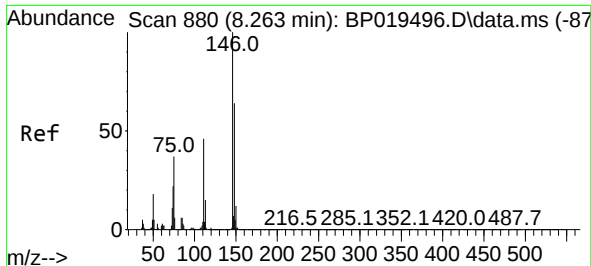
Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

111 43.9 35.8 53.6

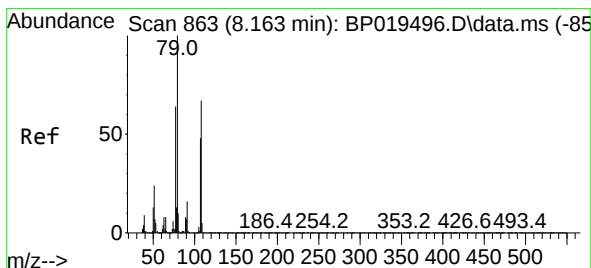
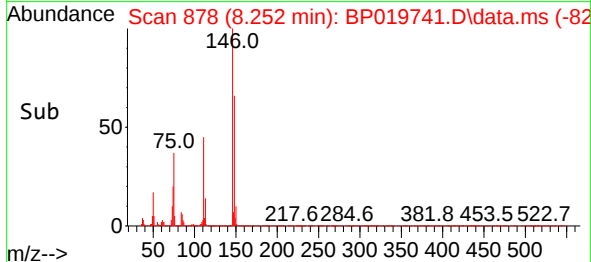
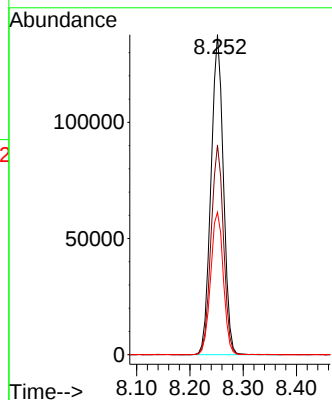
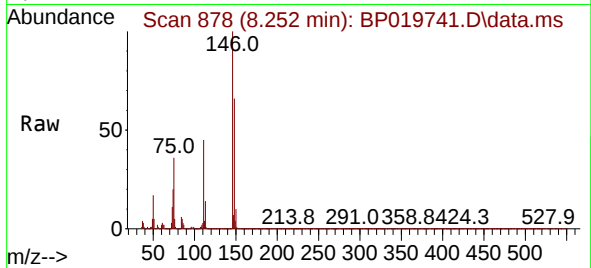




#14
1,2-Dichlorobenzene
Concen: 41.706 ng
RT: 8.252 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

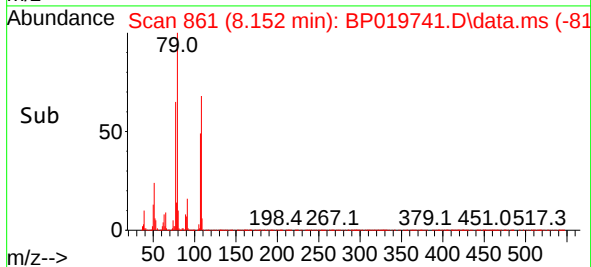
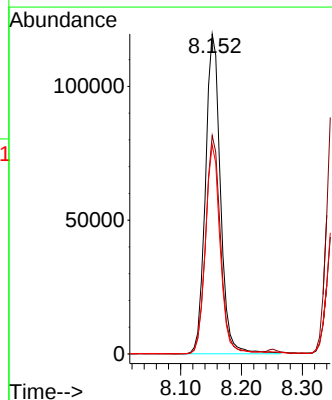
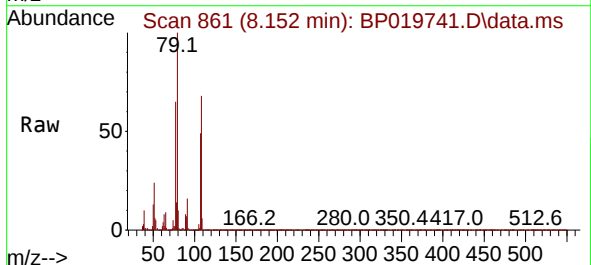
Instrument :
BNA_P
ClientSampleId :
PB158970BS

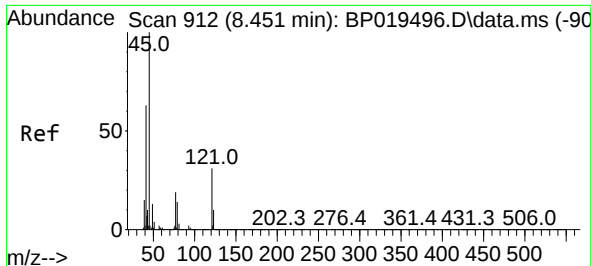
Tgt Ion:146 Resp: 222695
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.0
111 44.5 37.0 55.6



#15
Benzyl Alcohol
Concen: 43.752 ng
RT: 8.152 min Scan# 861
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 79 Resp: 204382
Ion Ratio Lower Upper
79 100
108 68.3 53.8 80.6
77 65.4 51.3 76.9

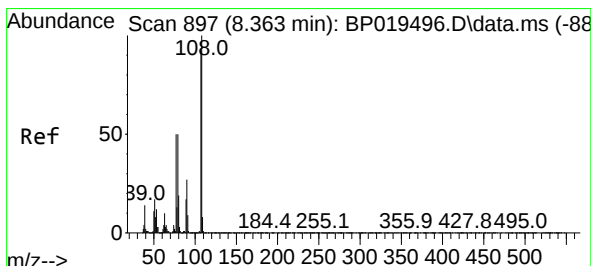
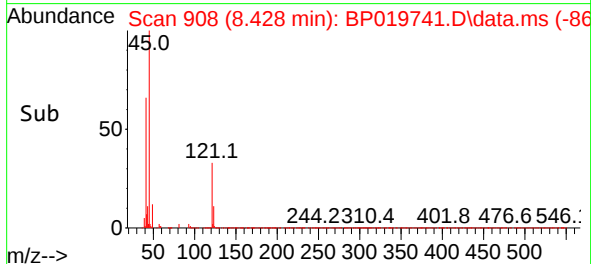
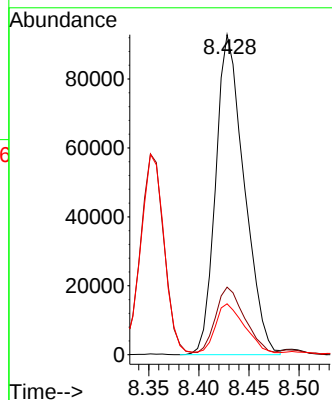
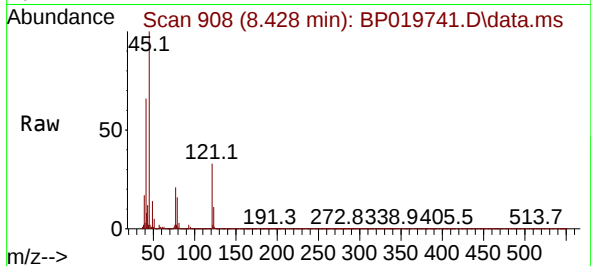




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.592 ng
RT: 8.428 min Scan# 90
Delta R.T. -0.023 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

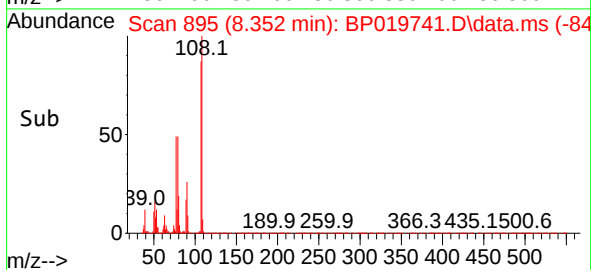
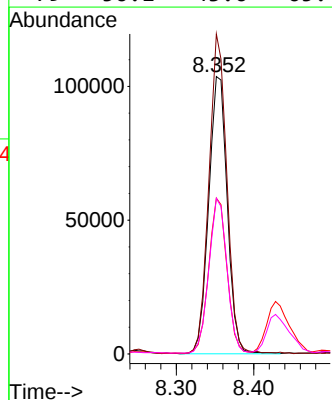
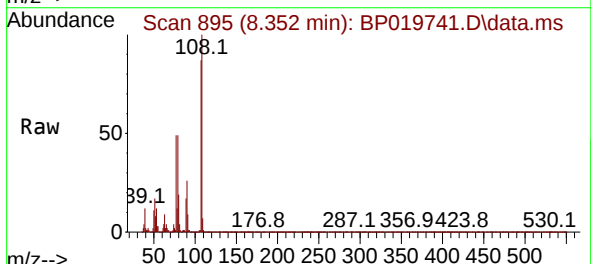
Instrument :
BNA_P
ClientSampleId :
PB158970BS

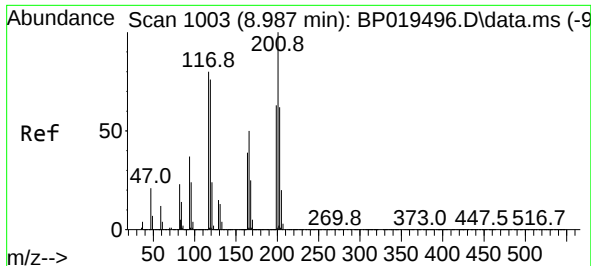
Tgt Ion: 45 Resp: 184019
Ion Ratio Lower Upper
45 100
77 21.1 0.8 40.8
79 15.9 0.0 35.5



#17
2-Methylphenol
Concen: 43.958 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 107 Resp: 172450
Ion Ratio Lower Upper
107 100
108 115.4 87.0 130.6
77 56.2 43.5 65.3
79 56.1 43.6 65.4

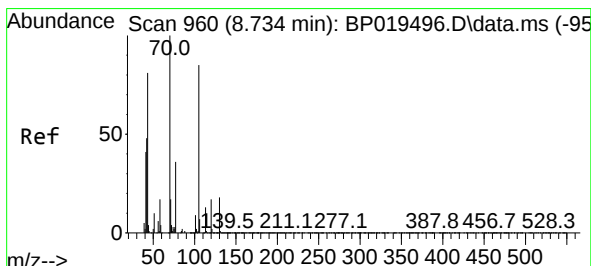
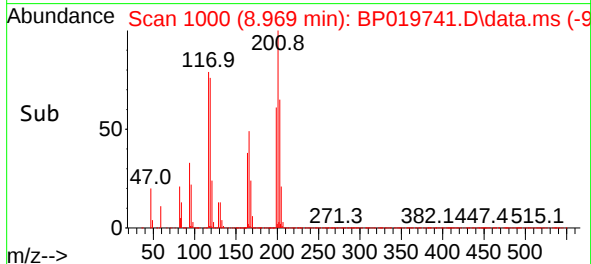
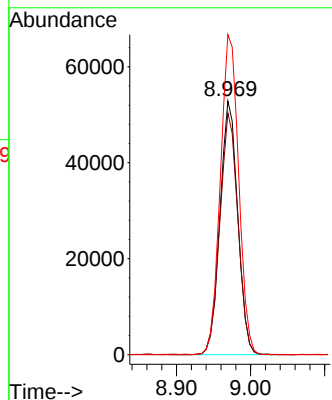
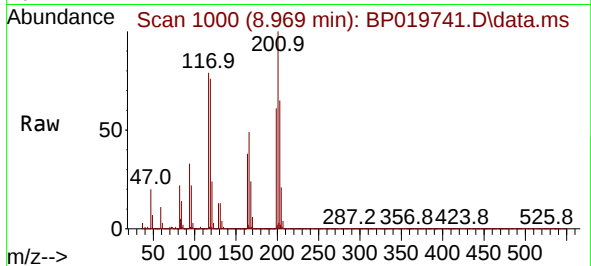




#18
Hexachloroethane
Concen: 41.188 ng
RT: 8.969 min Scan# 1000
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

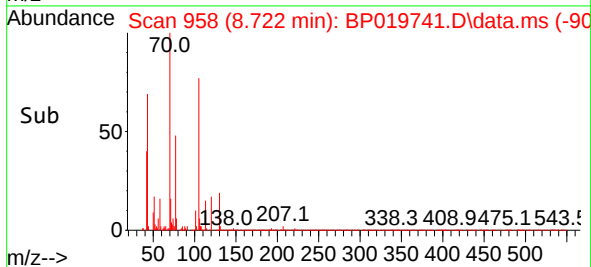
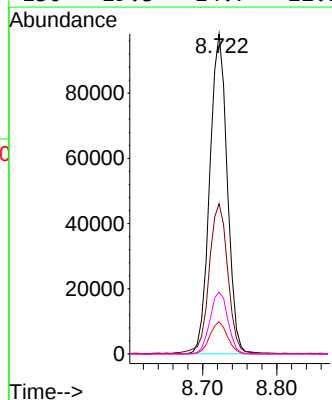
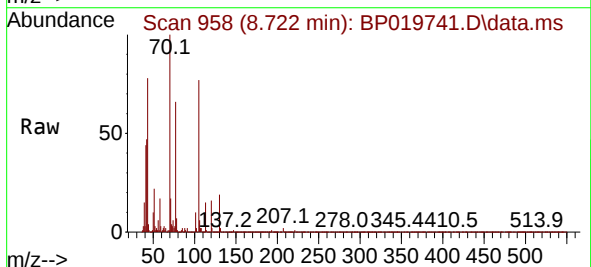
Instrument :
BNA_P
ClientSampleId :
PB158970BS

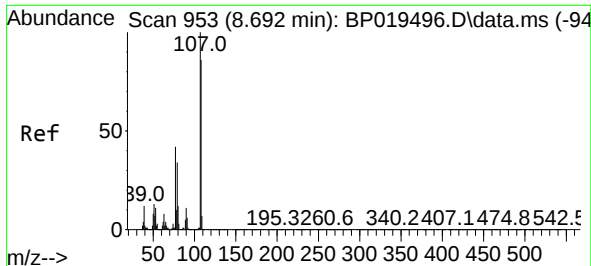
Tgt Ion:117 Resp: 88105
Ion Ratio Lower Upper
117 100
119 95.3 75.5 113.3
201 126.2 99.4 149.2



#19
n-Nitroso-di-n-propylamine
Concen: 40.308 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 70 Resp: 160968
Ion Ratio Lower Upper
70 100
42 46.9 39.2 58.8
101 10.0 7.3 10.9
130 19.3 14.7 22.1



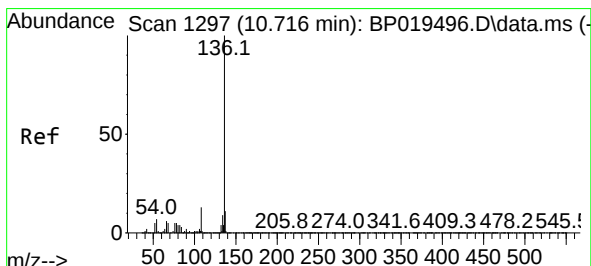
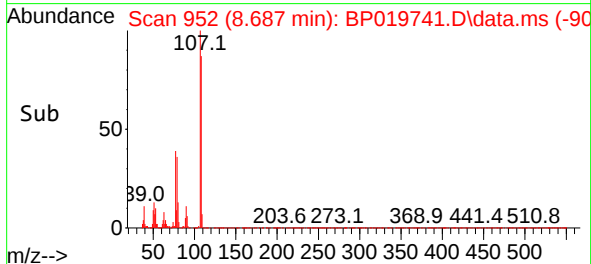
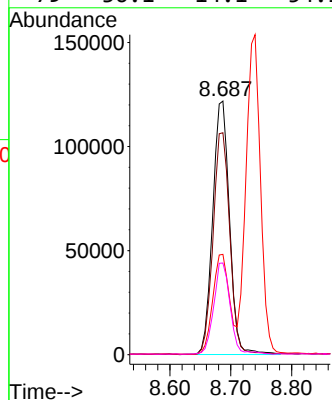
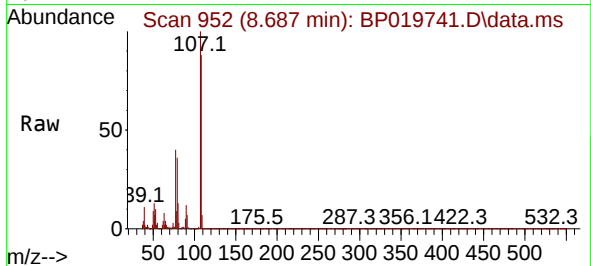


#20
3+4-Methylphenols
Concen: 43.564 ng
RT: 8.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Instrument :
BNA_P
ClientSampleId :
PB158970BS

Tgt Ion:107 Resp: 233240

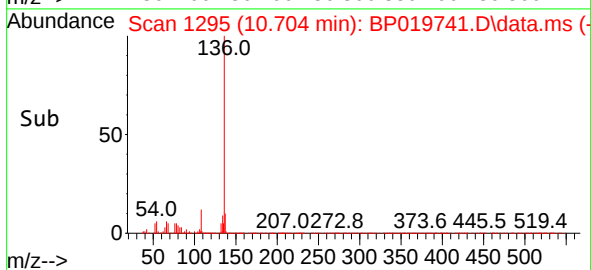
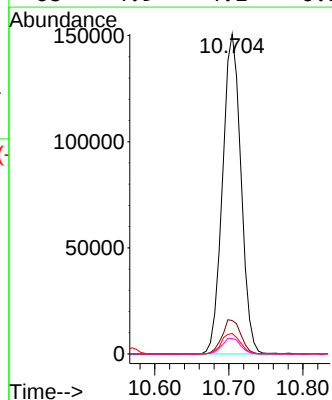
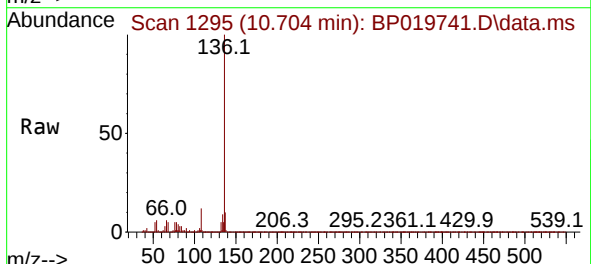
Ion	Ratio	Lower	Upper
107	100		
108	87.5	65.5	105.5
77	39.6	21.8	61.8
79	36.1	14.1	54.1

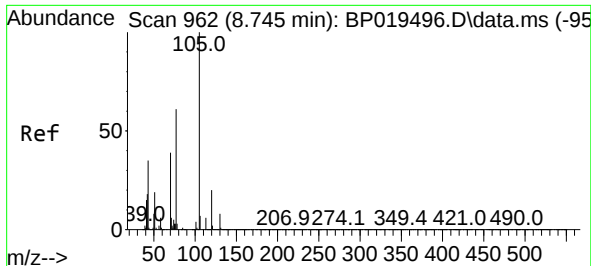


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:136 Resp: 260079

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.4	5.3	7.9
68	4.9	4.1	6.1

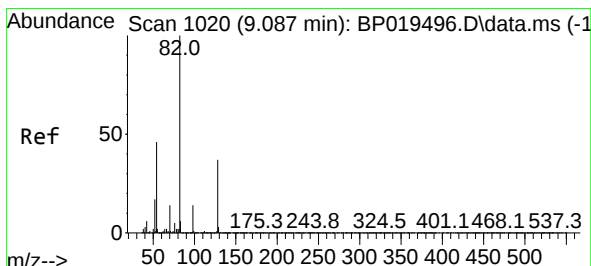
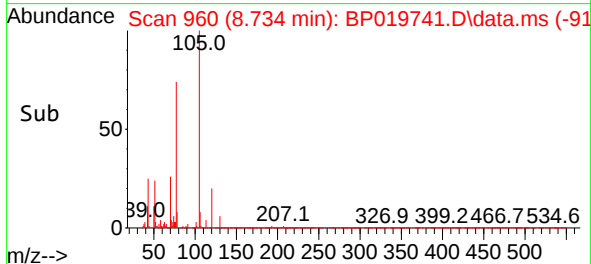
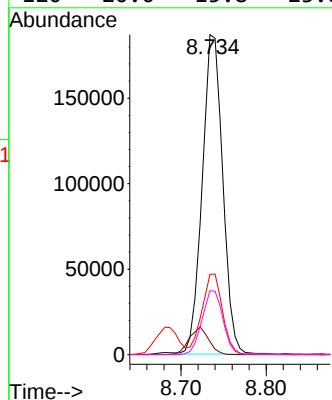
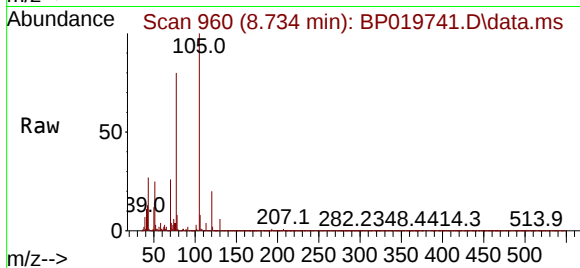




#22
Acetophenone
Concen: 42.134 ng
RT: 8.734 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

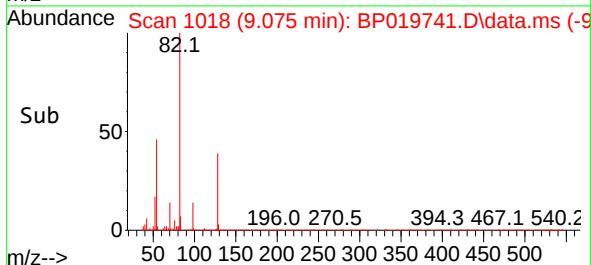
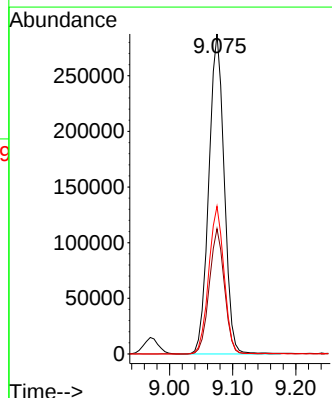
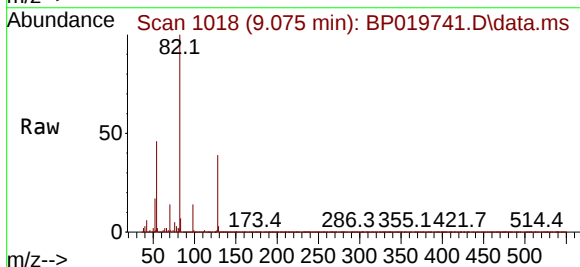
Instrument :
BNA_P
ClientSampleId :
PB158970BS

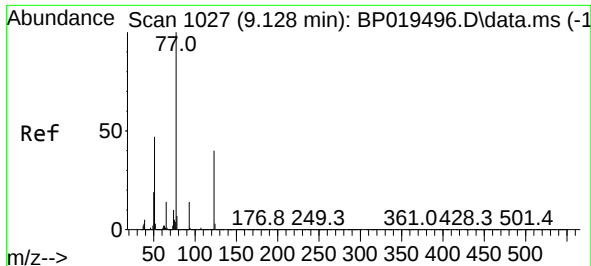
Tgt Ion:	105	Resp:	312179
Ion	Ratio	Lower	Upper
105	100		
71	4.1	4.9	7.3#
51	25.1	20.7	31.1
120	20.0	15.8	23.8



#23
Nitrobenzene-d5
Concen: 81.081 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:	82	Resp:	486653
Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.7	44.5
54	46.1	36.8	55.2

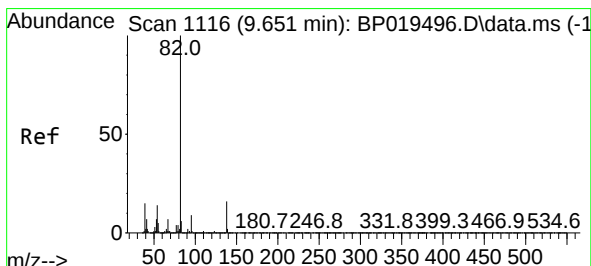
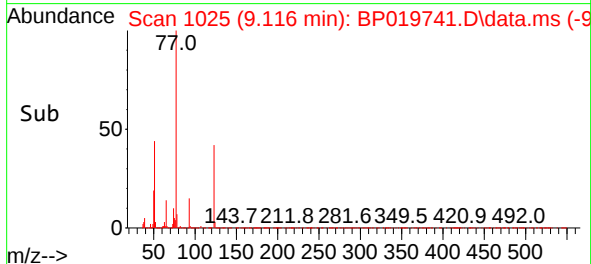
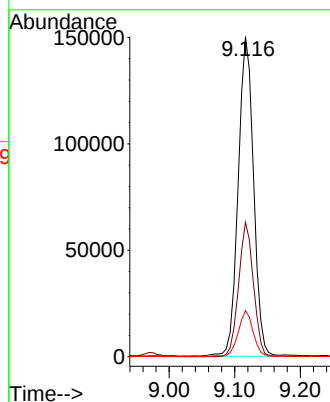
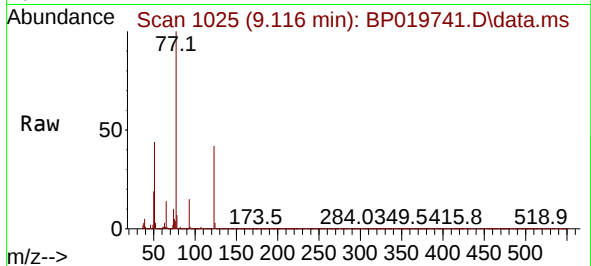




#24
Nitrobenzene
Concen: 40.587 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

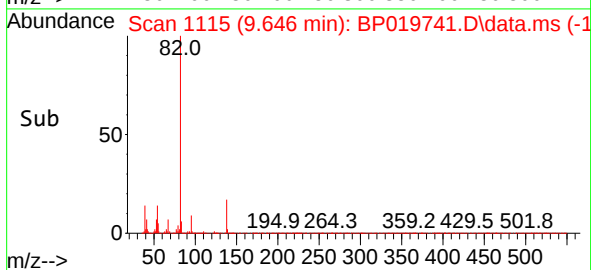
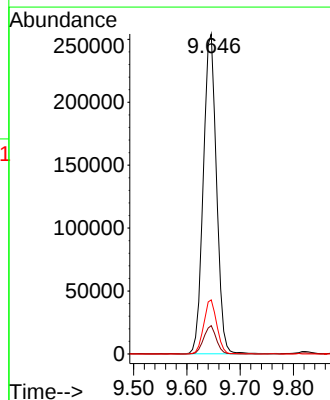
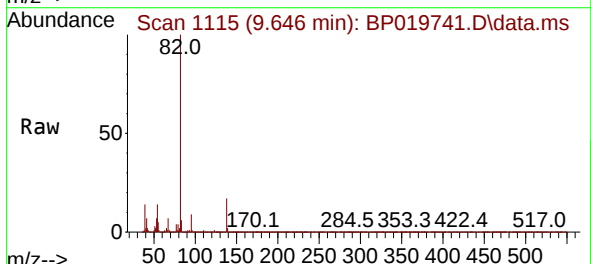
Instrument :
BNA_P
ClientSampleId :
PB158970BS

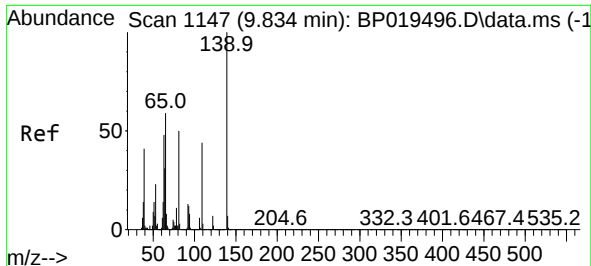
Tgt Ion: 77 Resp: 245277
Ion Ratio Lower Upper
77 100
123 42.0 32.3 48.5
65 14.4 11.6 17.4



#25
Isophorone
Concen: 41.704 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 82 Resp: 435935
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.4
138 16.9 13.1 19.7

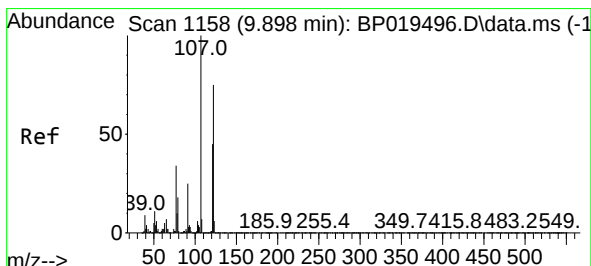
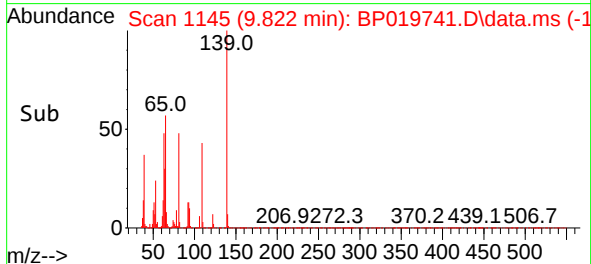
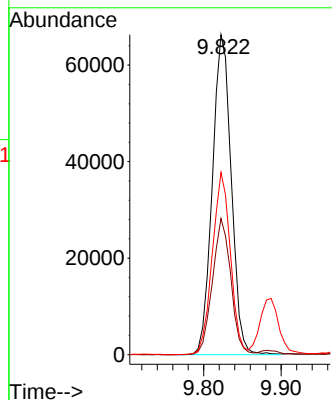
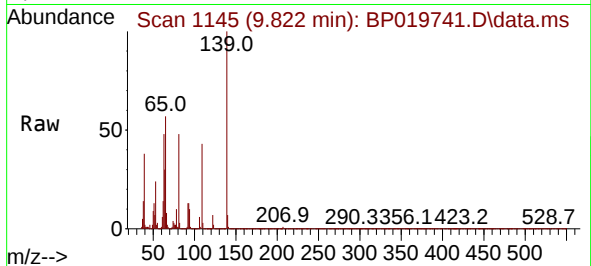




#26
2-Nitrophenol
Concen: 48.780 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

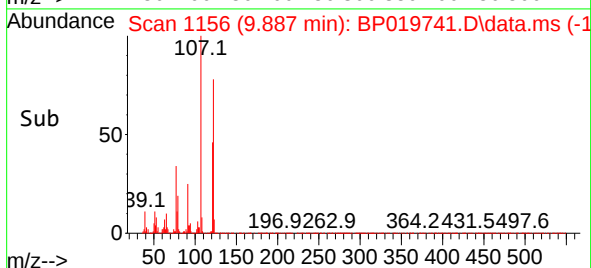
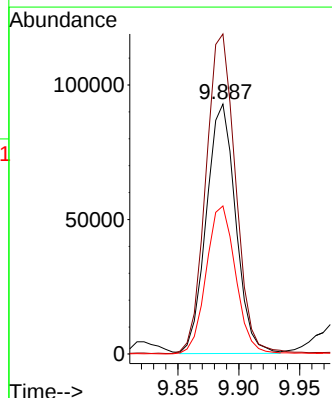
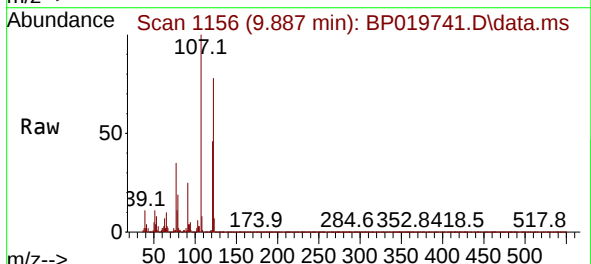
Instrument :
BNA_P
ClientSampleId :
PB158970BS

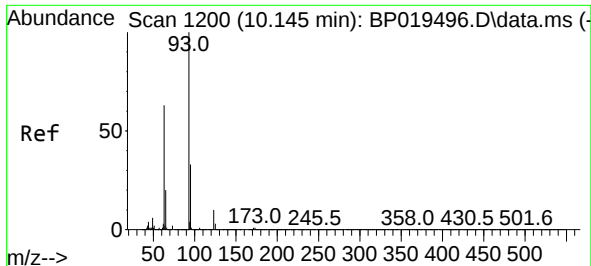
Tgt Ion:139 Resp: 112400
Ion Ratio Lower Upper
139 100
109 42.6 34.9 52.3
65 57.0 47.5 71.3



#27
2,4-Dimethylphenol
Concen: 52.787 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:122 Resp: 155531
Ion Ratio Lower Upper
122 100
107 128.0 105.9 158.9
121 59.2 47.5 71.3

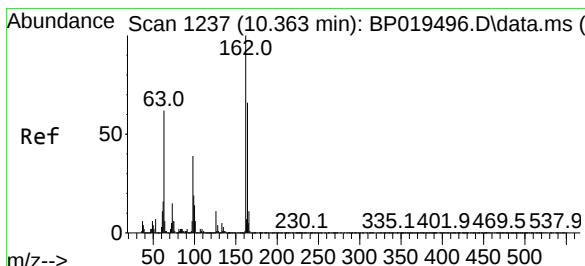
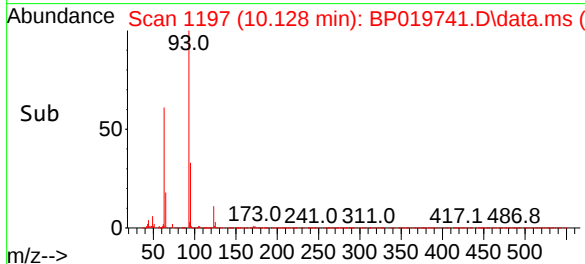
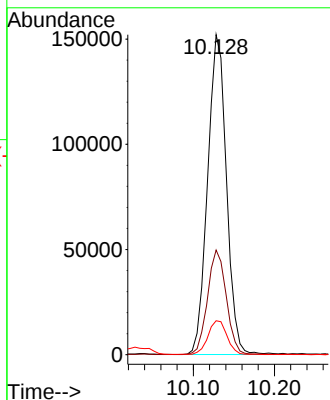
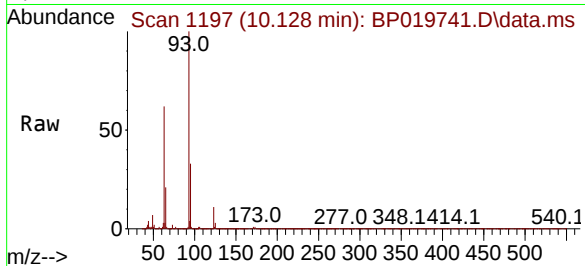




#28
bis(2-Chloroethoxy)methane
Concen: 41.460 ng
RT: 10.128 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

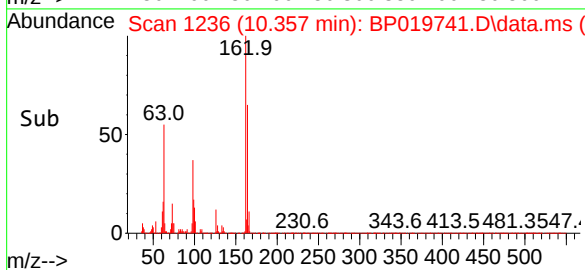
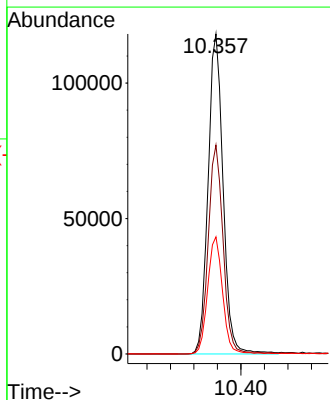
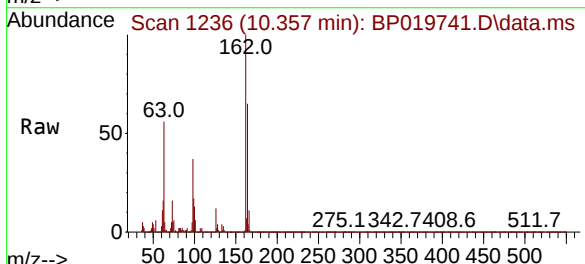
Instrument :
BNA_P
ClientSampleId :
PB158970BS

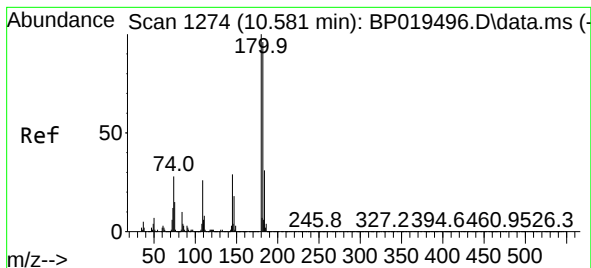
Tgt Ion: 93 Resp: 245205
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 10.6 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 46.912 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 162 Resp: 208944
Ion Ratio Lower Upper
162 100
164 65.2 46.0 86.0
98 36.6 18.7 58.7





#30

1,2,4-Trichlorobenzene

Concen: 43.959 ng

RT: 10.569 min Scan# 11

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

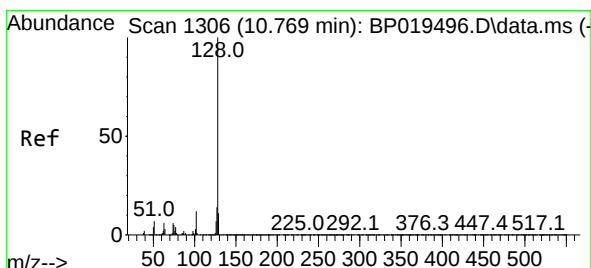
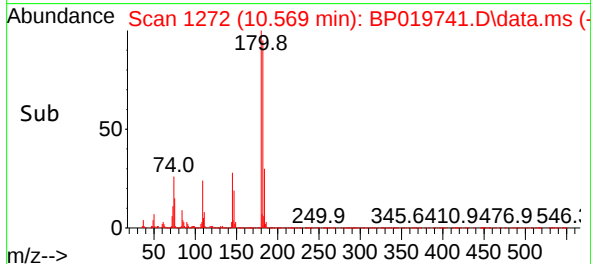
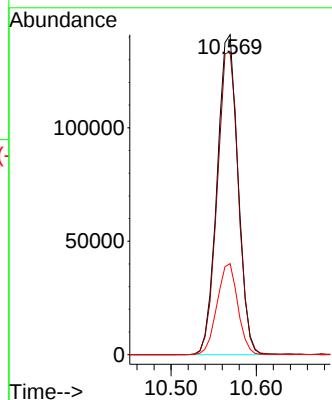
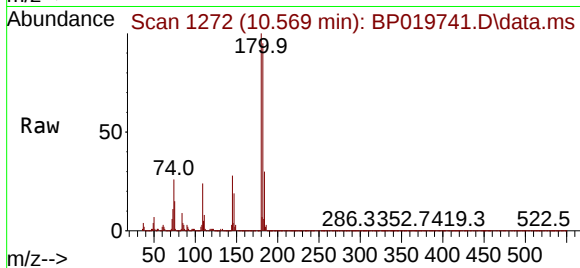
Tgt Ion:180 Resp: 240065

Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.6

145 28.4 23.2 34.8



#31

Naphthalene

Concen: 42.082 ng

RT: 10.757 min Scan# 1304

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

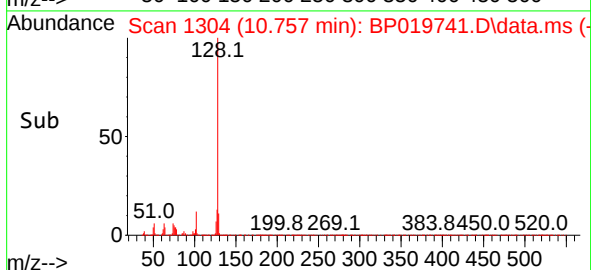
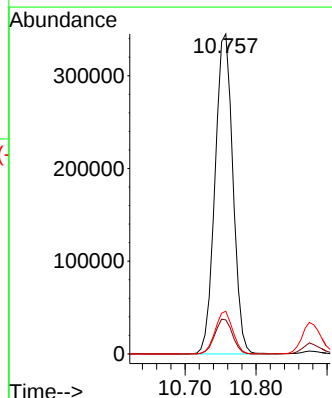
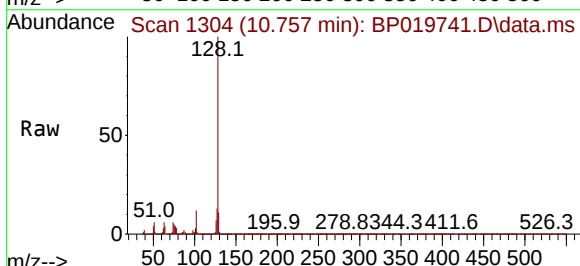
Tgt Ion:128 Resp: 600263

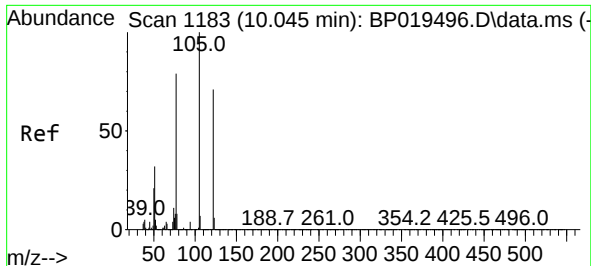
Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.3 10.8 16.2

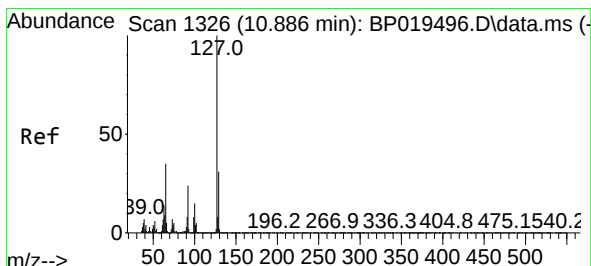
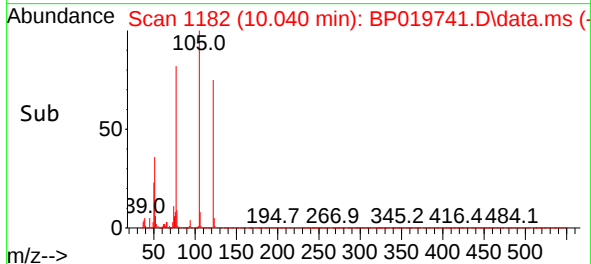
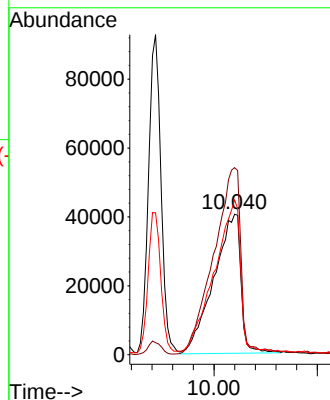
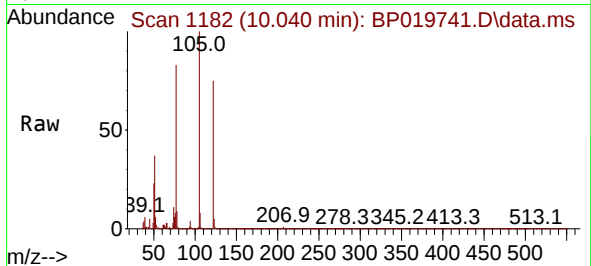




#32
Benzoic acid
Concen: 51.043 ng
RT: 10.040 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

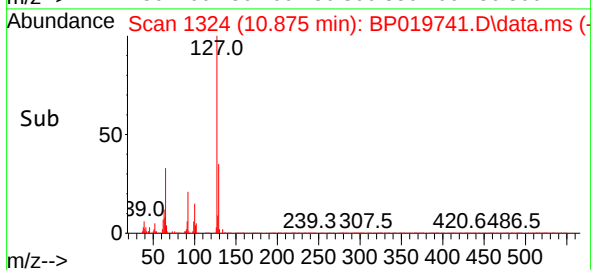
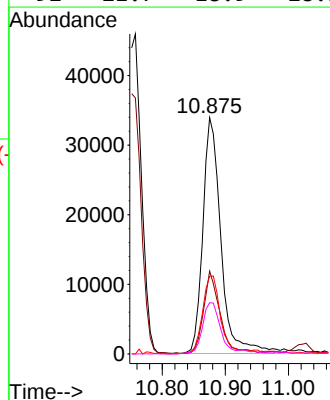
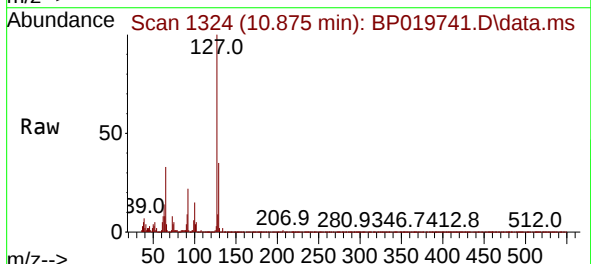
Instrument :
BNA_P
ClientSampleId :
PB158970BS

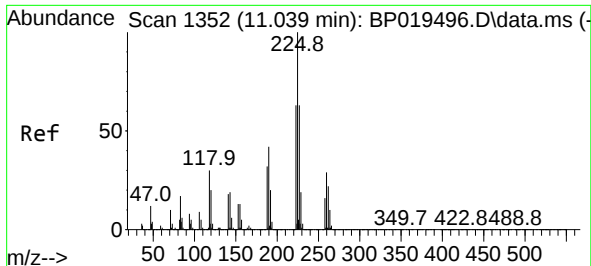
Tgt Ion:122 Resp: 146530
Ion Ratio Lower Upper
122 100
105 133.2 118.8 158.8
77 110.1 91.7 131.7



#33
4-Chloroaniline
Concen: 12.818 ng
RT: 10.875 min Scan# 1324
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:127 Resp: 67614
Ion Ratio Lower Upper
127 100
129 35.1 24.6 36.8
65 32.9 28.2 42.4
92 21.7 18.9 28.3

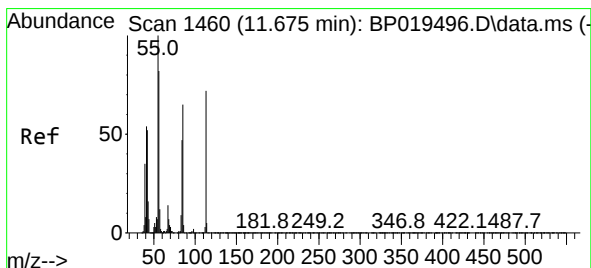
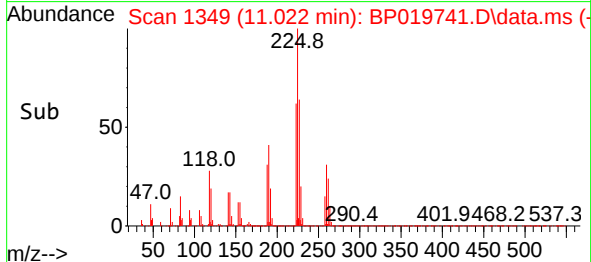
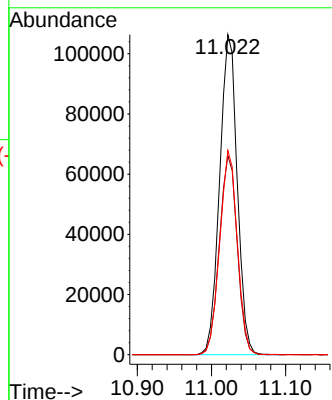
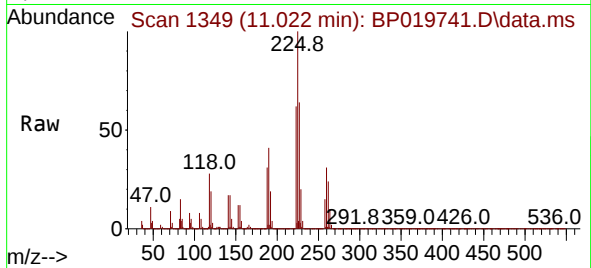




#34
Hexachlorobutadiene
Concen: 43.267 ng
RT: 11.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

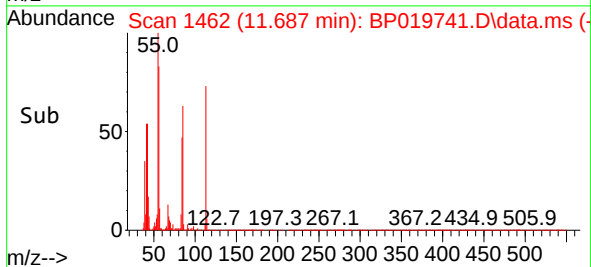
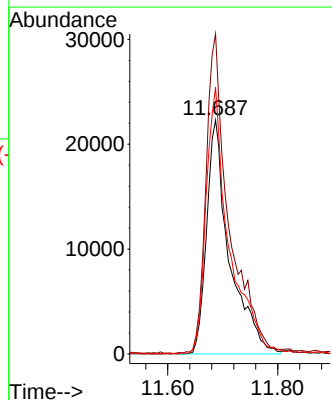
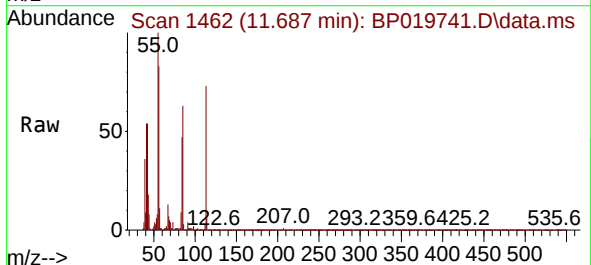
Instrument :
BNA_P
ClientSampleId :
PB158970BS

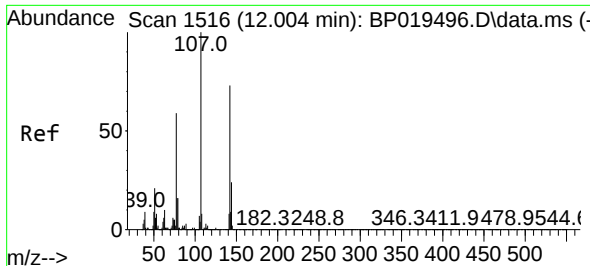
Tgt Ion:225 Resp: 175096
Ion Ratio Lower Upper
225 100
223 62.1 50.5 75.7
227 63.8 50.2 75.2



#35
Caprolactam
Concen: 51.140 ng
RT: 11.687 min Scan# 1462
Delta R.T. 0.012 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:113 Resp: 64482
Ion Ratio Lower Upper
113 100
55 136.8 120.0 160.0
56 114.1 94.0 134.0

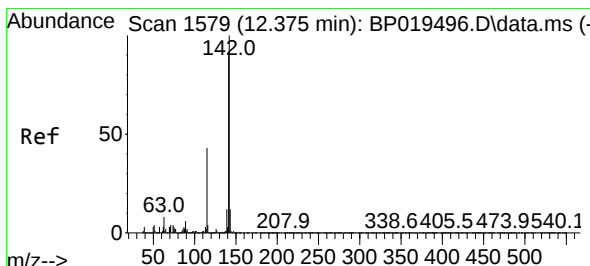
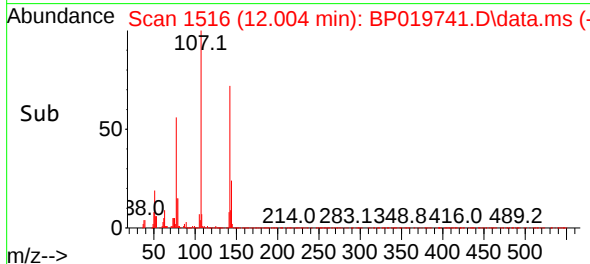
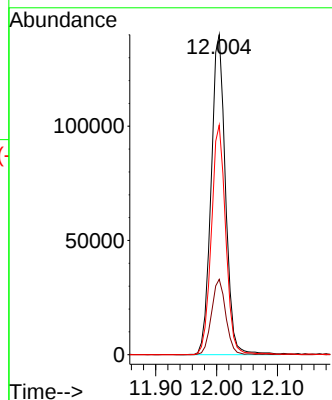
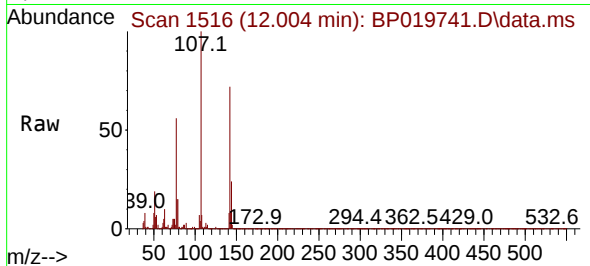




#36
4-Chloro-3-methylphenol
Concen: 47.260 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

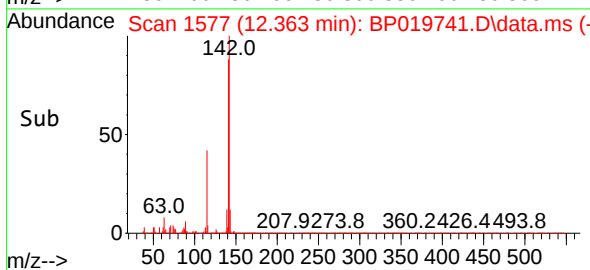
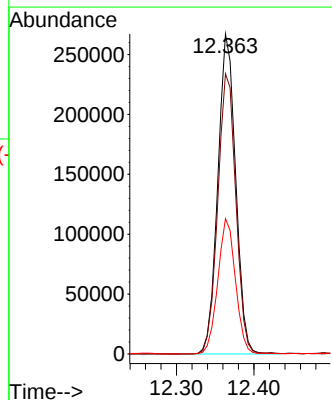
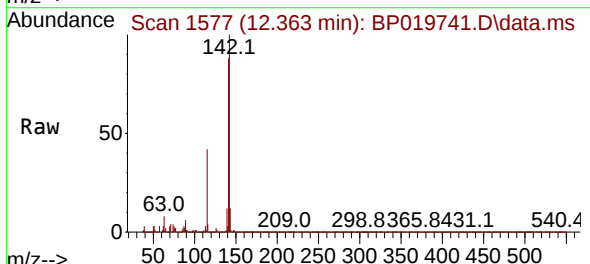
Instrument :
BNA_P
ClientSampleId :
PB158970BS

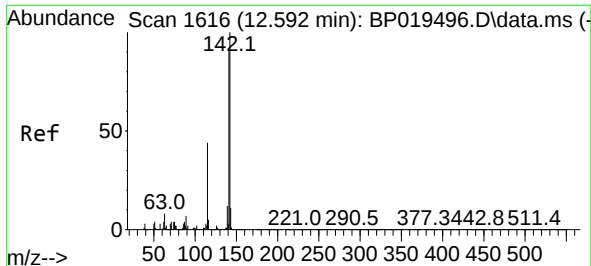
Tgt Ion:107 Resp: 229520
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.4
142 71.7 58.6 88.0



#37
2-Methylnaphthalene
Concen: 43.326 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:142 Resp: 427689
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.4
115 42.3 34.2 51.2

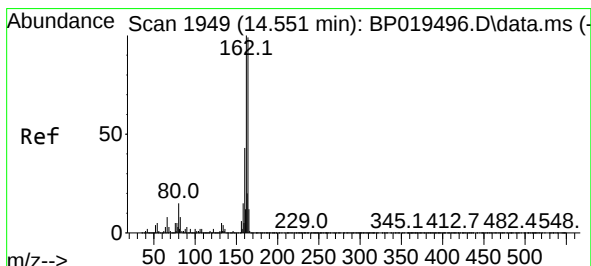
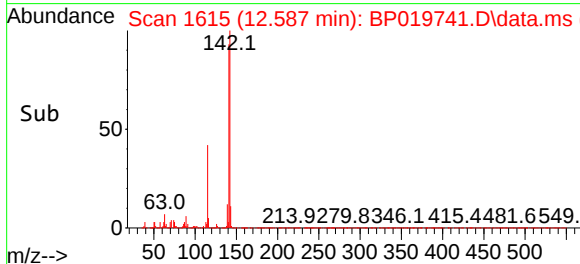
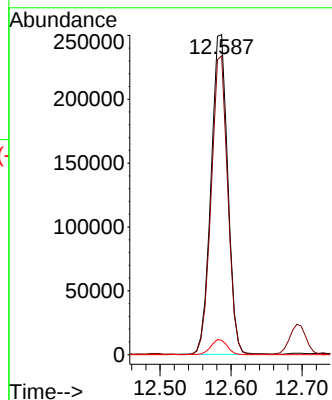
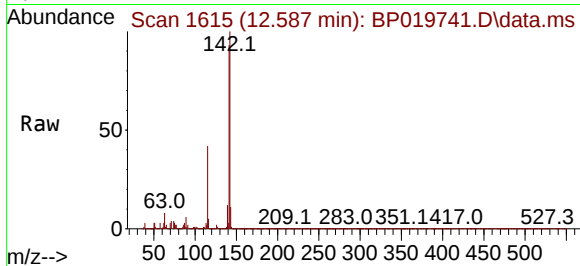




#38
1-Methylnaphthalene
Concen: 42.262 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

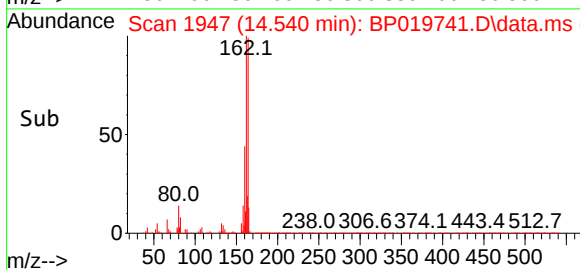
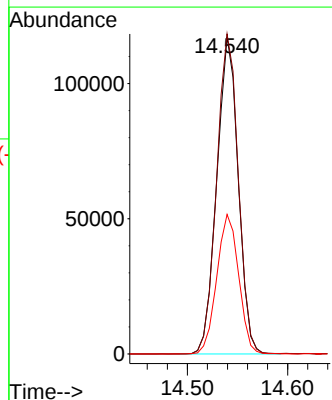
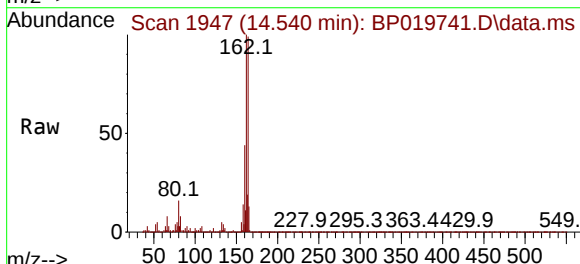
Instrument :
BNA_P
ClientSampleId :
PB158970BS

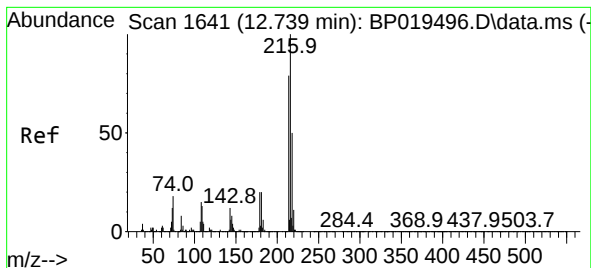
Tgt Ion:142 Resp: 409976
Ion Ratio Lower Upper
142 100
141 93.4 74.0 111.0
116 4.5 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:164 Resp: 173388
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 44.0 35.1 52.7





#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.905 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

Tgt Ion:216 Resp: 300275

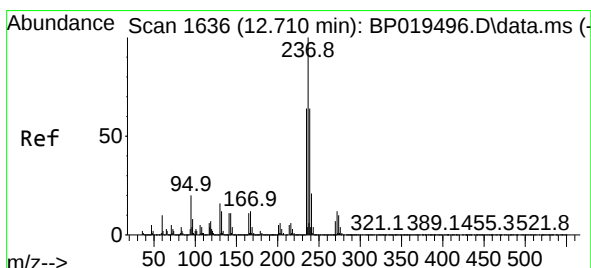
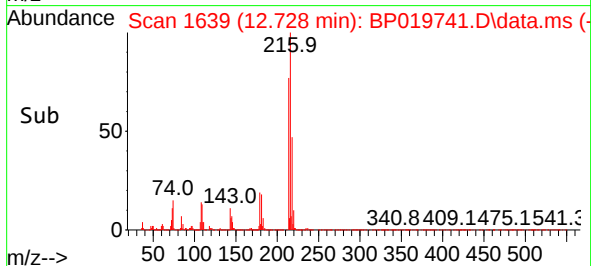
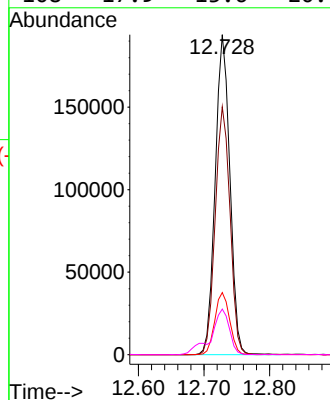
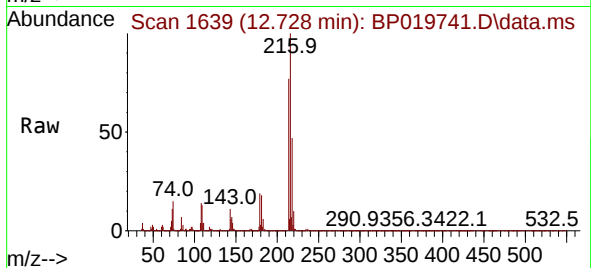
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 19.7 16.6 24.8

108 17.9 13.6 20.4



#41

Hexachlorocyclopentadiene

Concen: 127.815 ng

RT: 12.693 min Scan# 1633

Delta R.T. -0.017 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

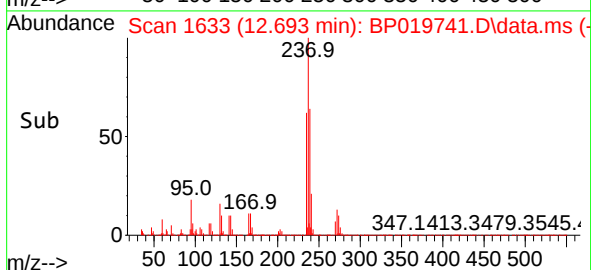
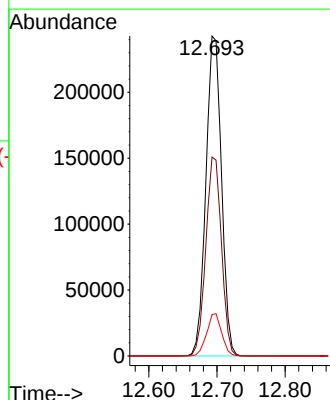
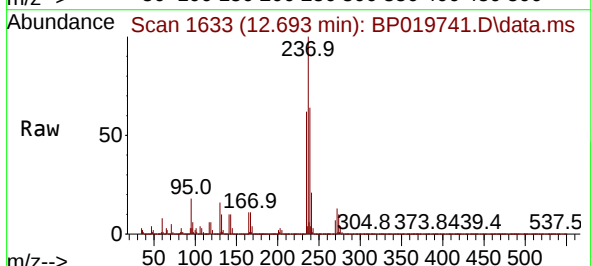
Tgt Ion:237 Resp: 386105

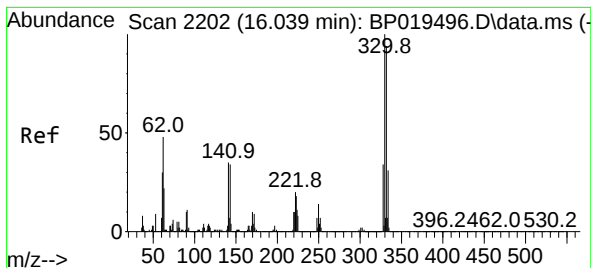
Ion Ratio Lower Upper

237 100

235 62.1 43.7 83.7

272 12.9 0.0 32.4

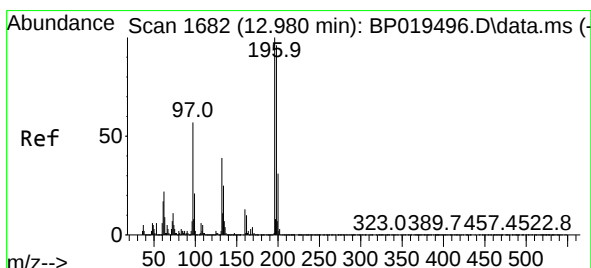
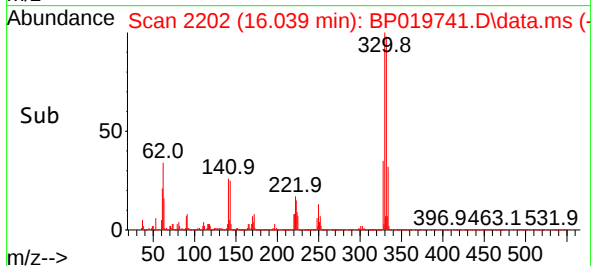
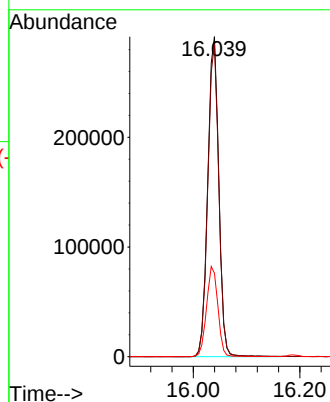
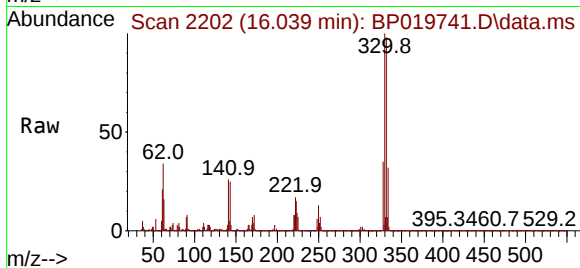




#42
2,4,6-Tribromophenol
Concen: 165.675 ng
RT: 16.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

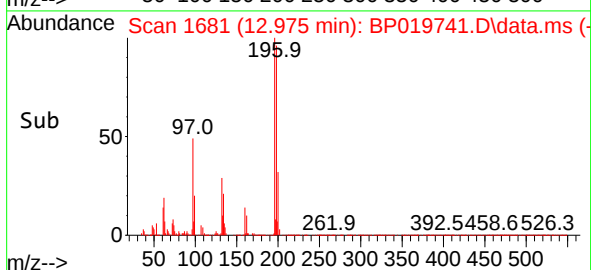
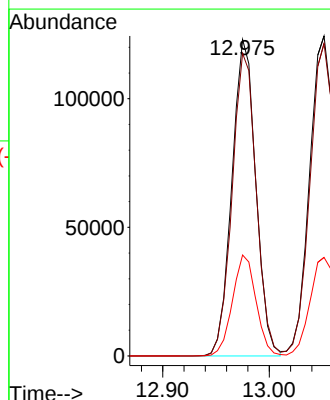
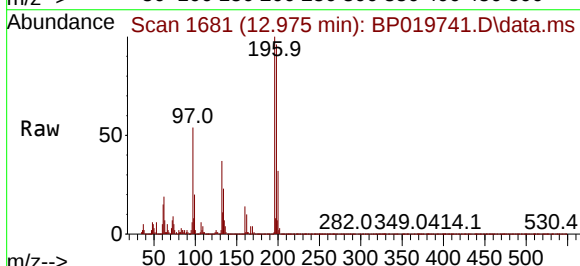
Instrument :
BNA_P
ClientSampleId :
PB158970BS

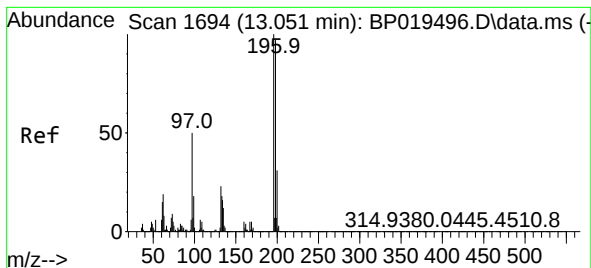
Tgt Ion:330 Resp: 419422
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 29.0 27.0 40.4



#43
2,4,6-Trichlorophenol
Concen: 47.469 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:196 Resp: 192206
Ion Ratio Lower Upper
196 100
198 95.6 76.7 115.1
200 31.9 24.6 36.8





#44

2,4,5-Trichlorophenol

Concen: 48.033 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

Tgt Ion:196 Resp: 213567

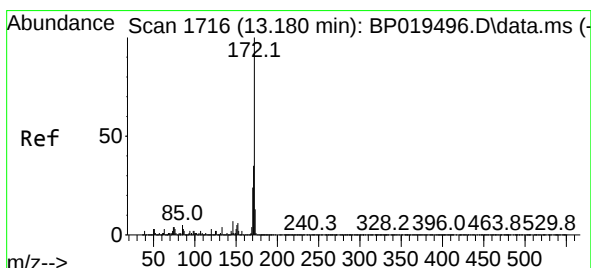
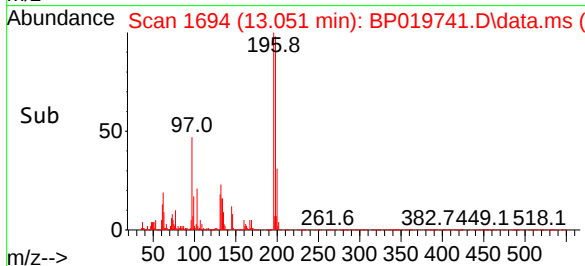
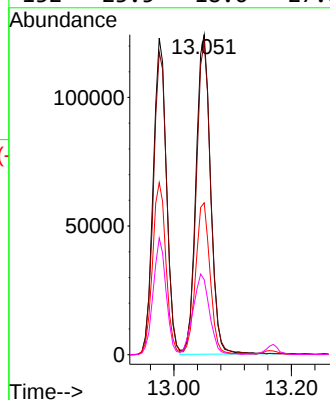
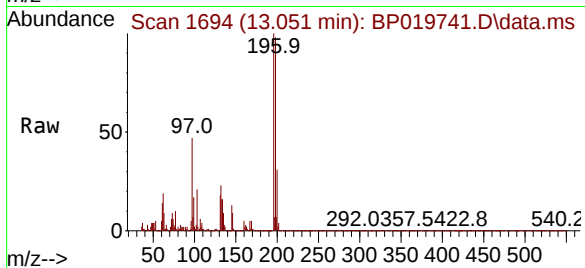
Ion Ratio Lower Upper

196 100

198 97.7 77.5 116.3

97 47.5 39.9 59.9

132 23.5 18.6 27.8



#45

2-Fluorobiphenyl

Concen: 82.313 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

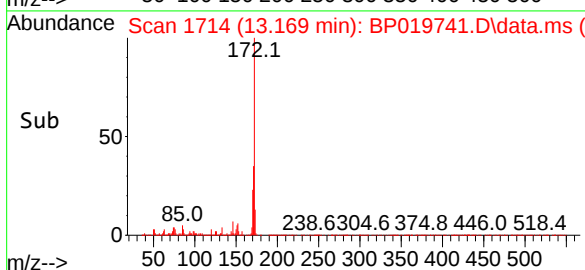
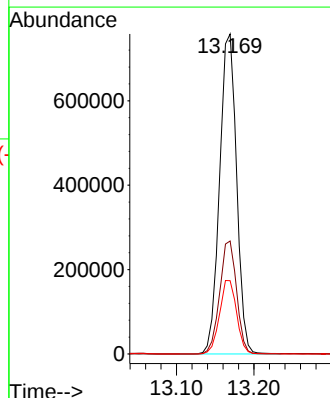
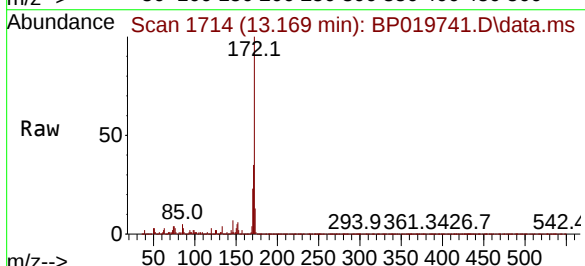
Tgt Ion:172 Resp: 1154484

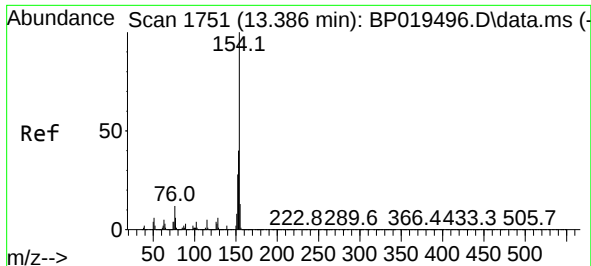
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 22.9 18.9 28.3

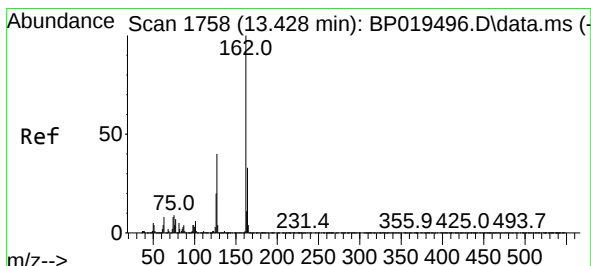
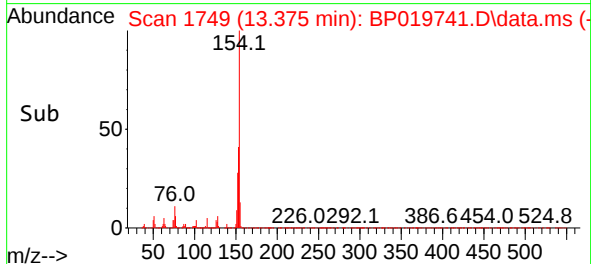
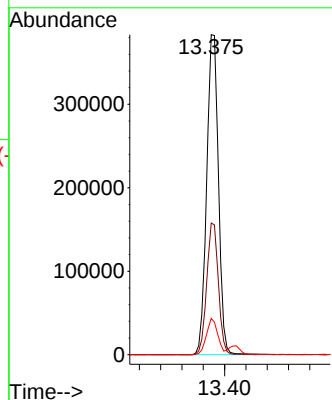
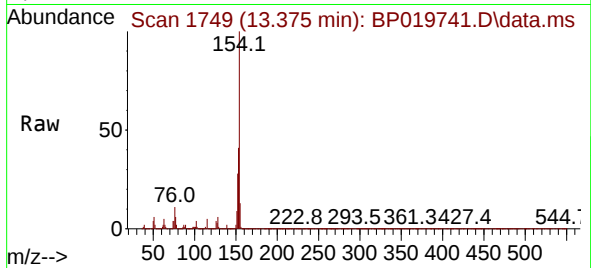




#46
1,1'-Biphenyl
Concen: 42.386 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

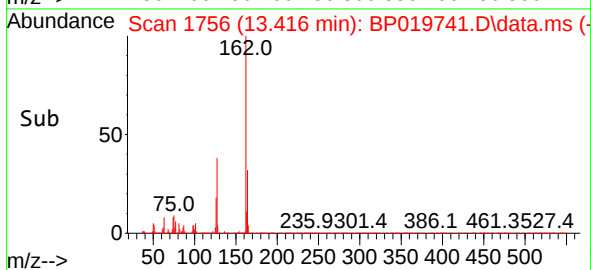
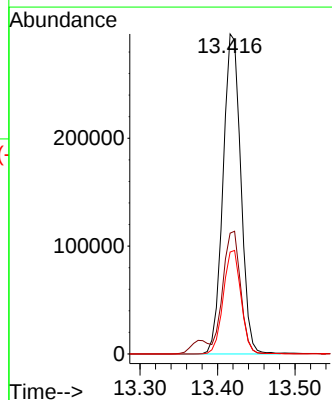
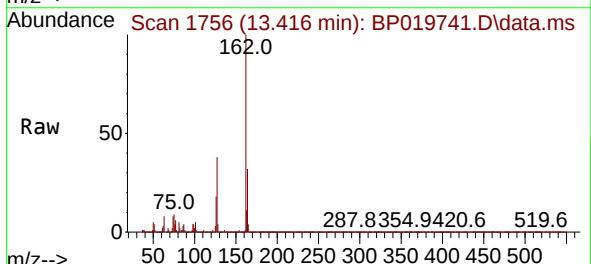
Instrument :
BNA_P
ClientSampleId :
PB158970BS

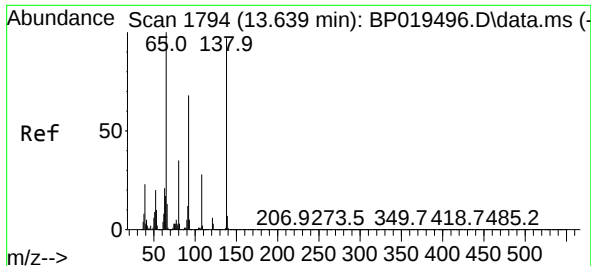
Tgt Ion:154 Resp: 586560
Ion Ratio Lower Upper
154 100
153 41.2 20.2 60.2
76 11.4 0.0 31.6



#47
2-Chloronaphthalene
Concen: 41.637 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:162 Resp: 472992
Ion Ratio Lower Upper
162 100
127 37.7 32.1 48.1
164 31.8 26.7 40.1

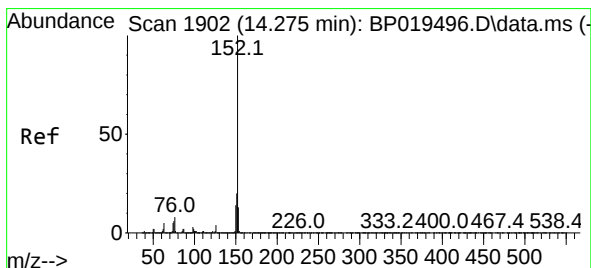
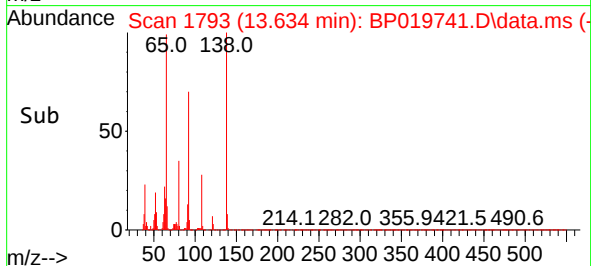
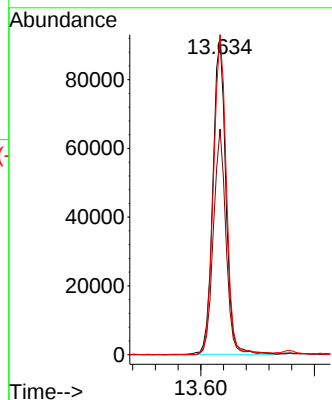
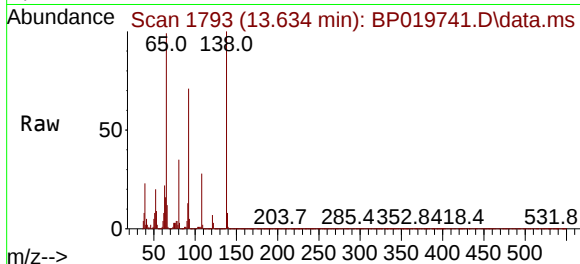




#48
2-Nitroaniline
Concen: 45.842 ng
RT: 13.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

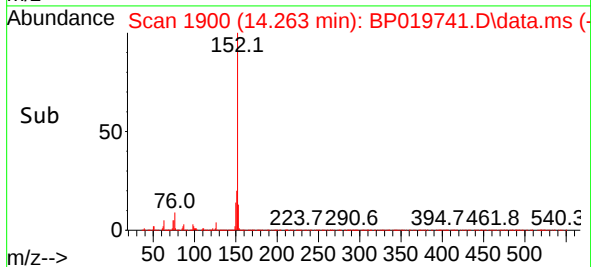
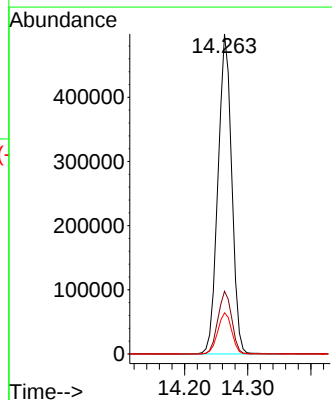
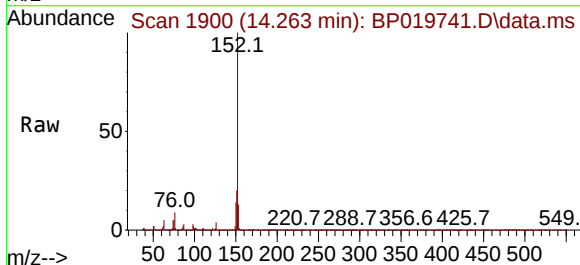
Instrument :
BNA_P
ClientSampleId :
PB158970BS

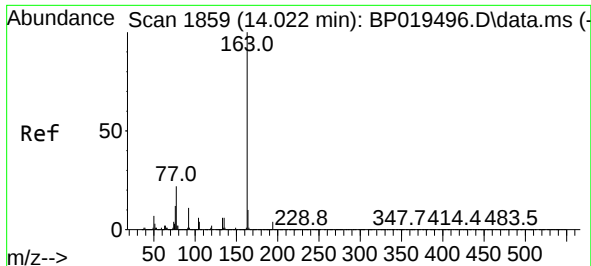
Tgt Ion: 65 Resp: 145617
Ion Ratio Lower Upper
65 100
92 71.4 54.7 82.1
138 101.3 77.8 116.6



#49
Acenaphthylene
Concen: 47.279 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 152 Resp: 753516
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.6 15.8

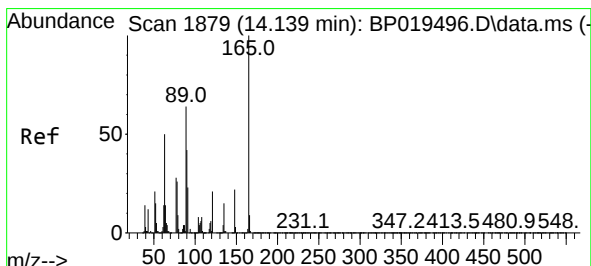
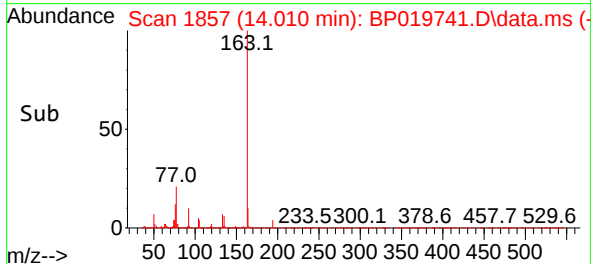
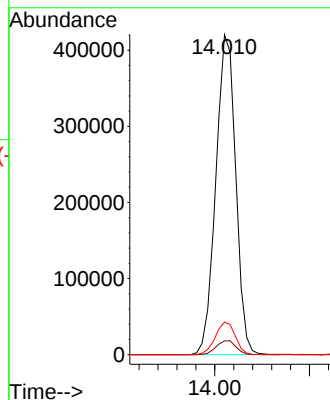
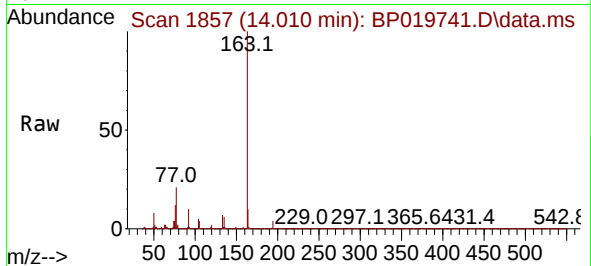




#50
Dimethylphthalate
Concen: 46.244 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

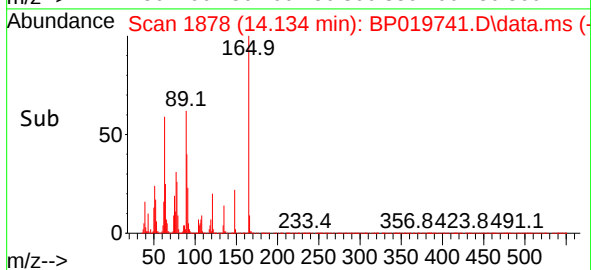
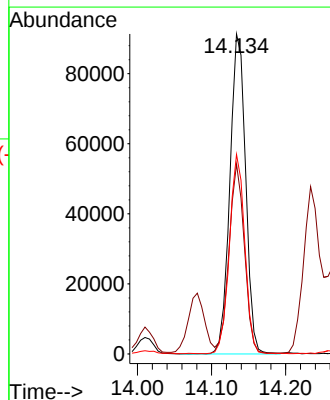
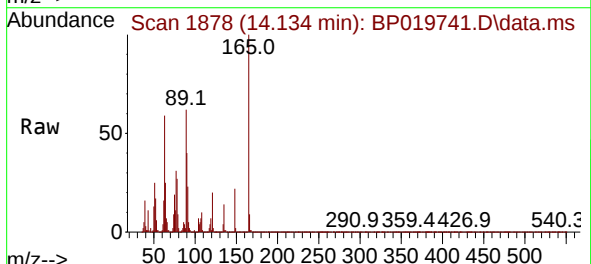
Instrument :
BNA_P
ClientSampleId :
PB158970BS

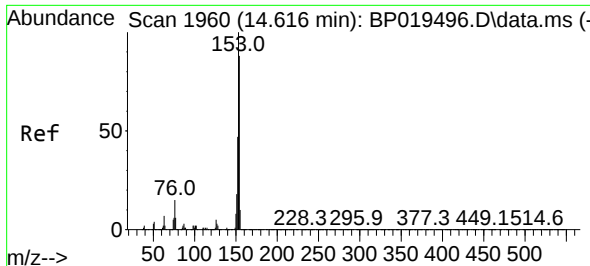
Tgt Ion:163 Resp: 613813
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 46.192 ng
RT: 14.134 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:165 Resp: 134708
Ion Ratio Lower Upper
165 100
63 59.3 50.4 75.6
89 62.3 51.7 77.5

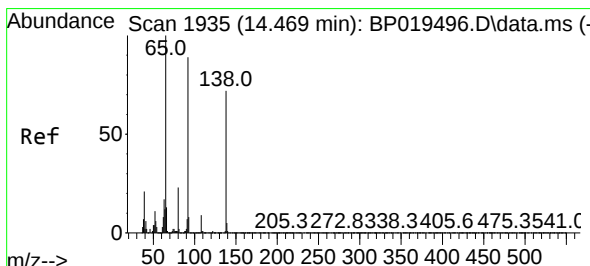
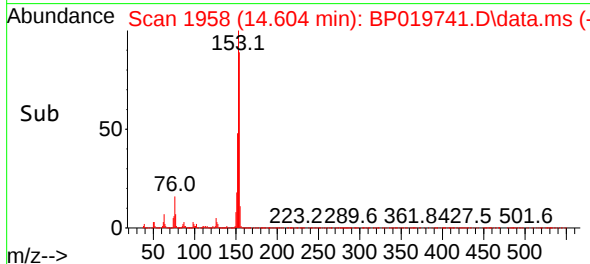
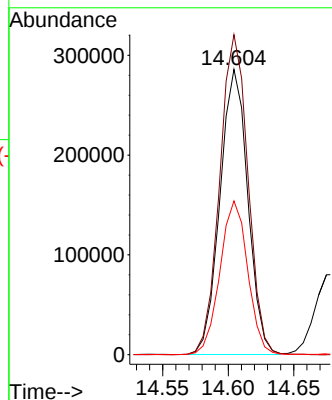
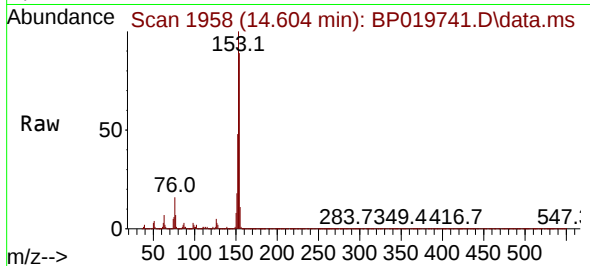




#52
Acenaphthene
Concen: 42.693 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

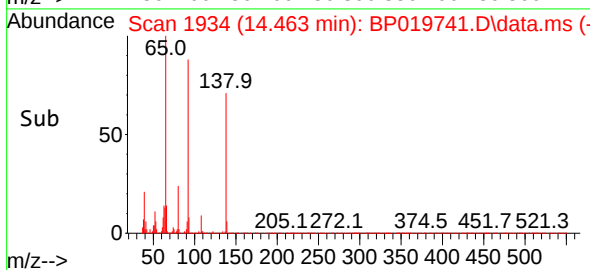
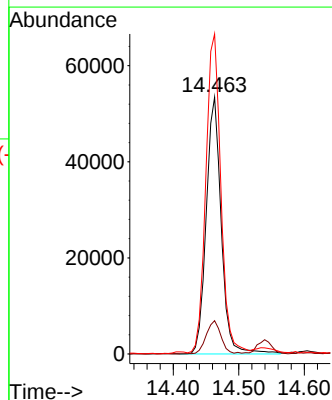
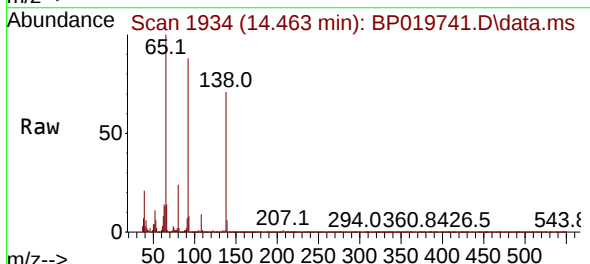
Instrument :
BNA_P
ClientSampleId :
PB158970BS

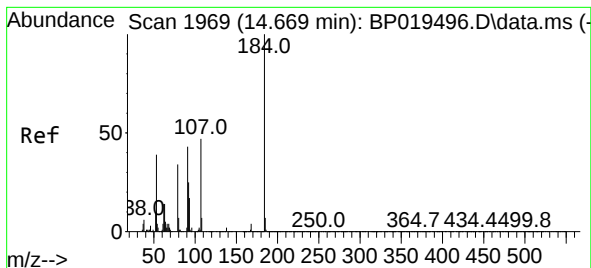
Tgt Ion:154 Resp: 422304
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 53.9 42.1 63.1



#53
3-Nitroaniline
Concen: 31.776 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:138 Resp: 85160
Ion Ratio Lower Upper
138 100
108 13.0 9.7 14.5
92 124.6 98.0 147.0





#54

2,4-Dinitrophenol

Concen: 120.085 ng

RT: 14.675 min Scan# 1969

Delta R.T. 0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

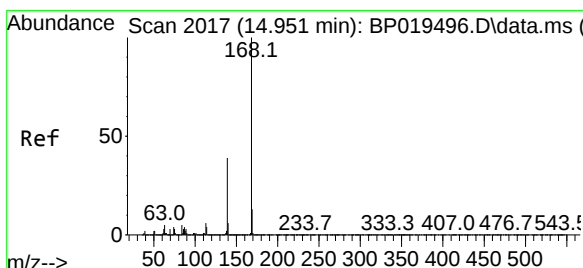
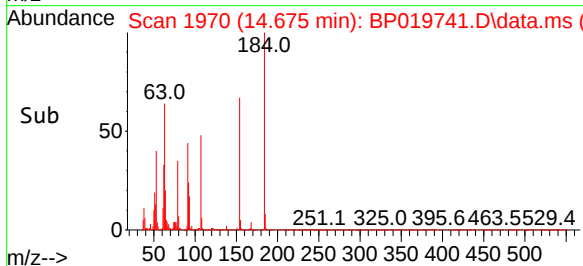
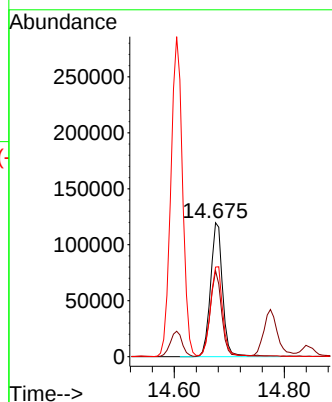
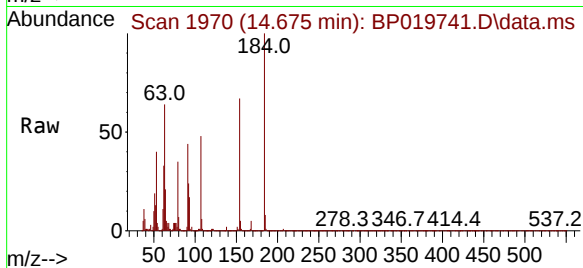
Tgt Ion:184 Resp: 181827

Ion Ratio Lower Upper

184 100

63 64.2 50.5 75.7

154 66.9 53.4 80.0



#55

Dibenzofuran

Concen: 45.375 ng

RT: 14.940 min Scan# 2015

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

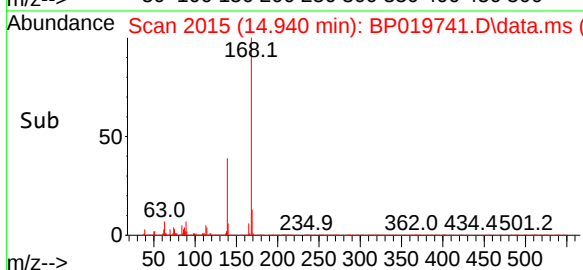
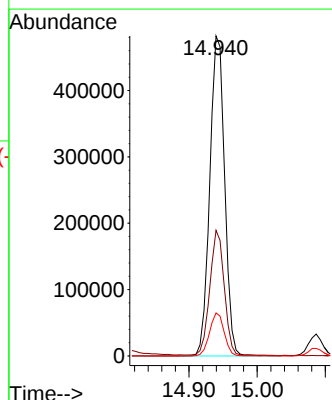
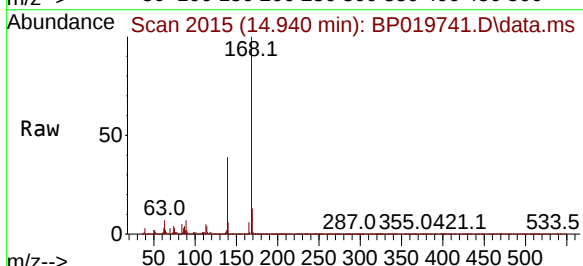
Tgt Ion:168 Resp: 731024

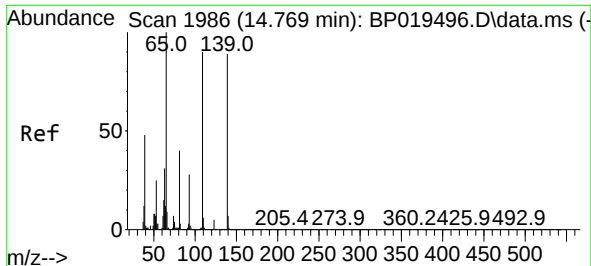
Ion Ratio Lower Upper

168 100

139 39.3 31.5 47.3

169 13.5 10.3 15.5

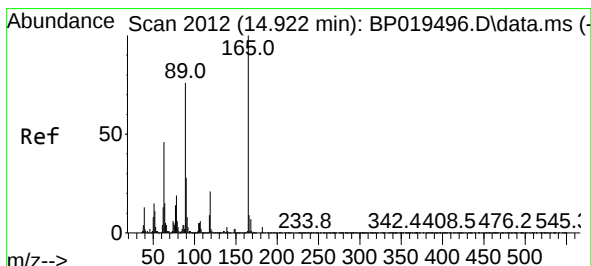
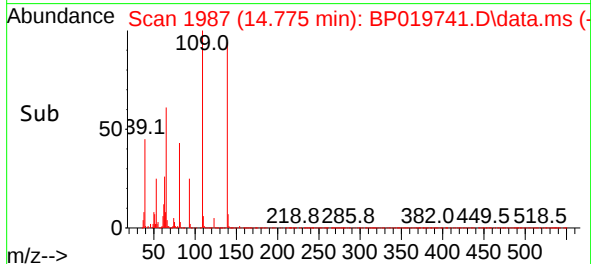
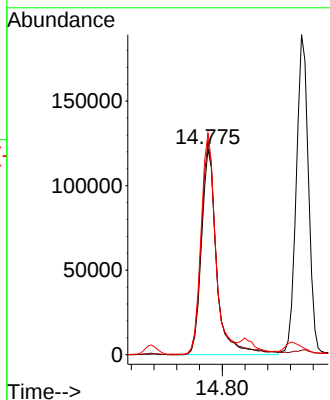
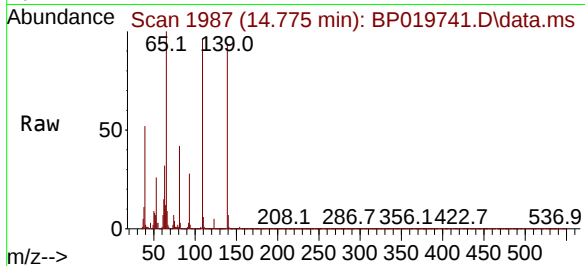




#56
4-Nitrophenol
Concen: 102.410 ng
RT: 14.775 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

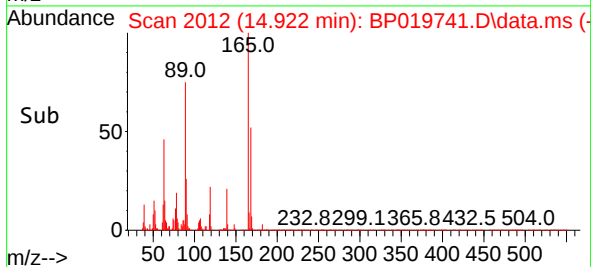
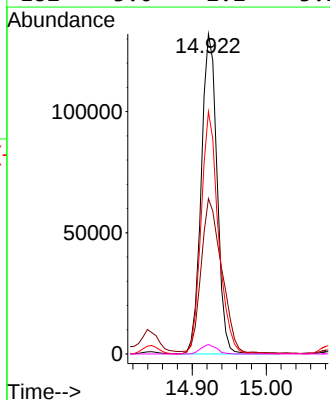
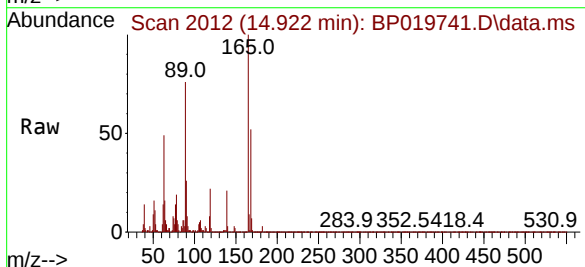
Instrument :
BNA_P
ClientSampleId :
PB158970BS

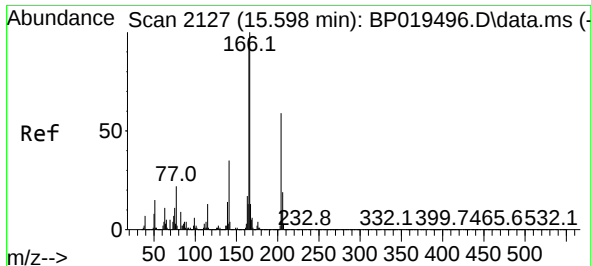
Tgt Ion:139 Resp: 224960
Ion Ratio Lower Upper
139 100
109 103.7 82.0 122.0
65 107.7 92.9 132.9



#57
2,4-Dinitrotoluene
Concen: 51.194 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:165 Resp: 195643
Ion Ratio Lower Upper
165 100
63 48.5 36.9 55.3
89 75.8 61.1 91.7
182 3.0 2.2 3.2

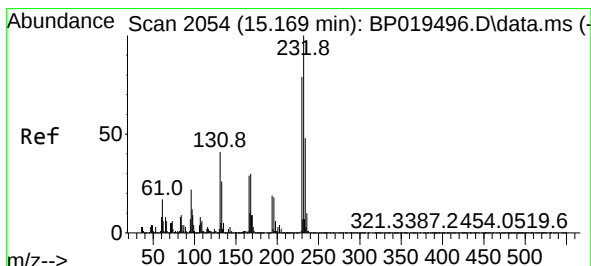
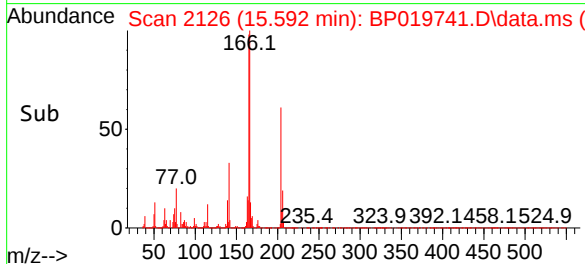
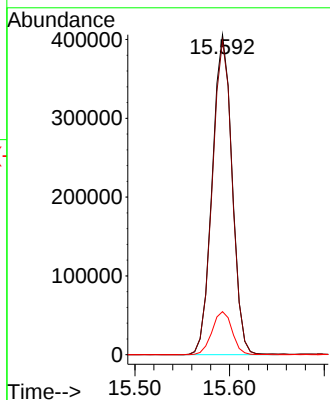
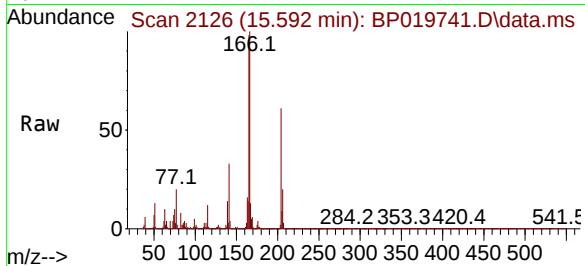




#58
Fluorene
Concen: 46.008 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

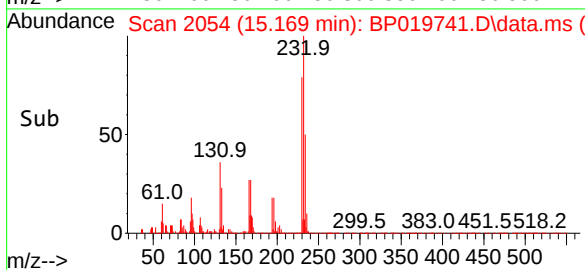
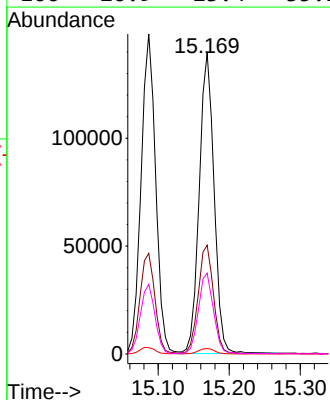
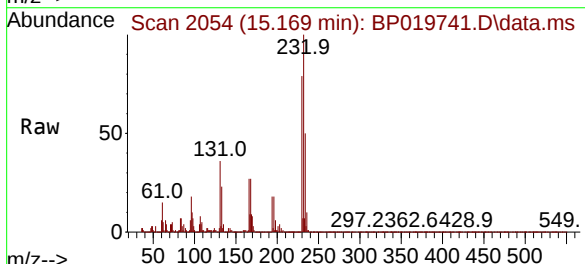
Instrument :
BNA_P
ClientSampleId :
PB158970BS

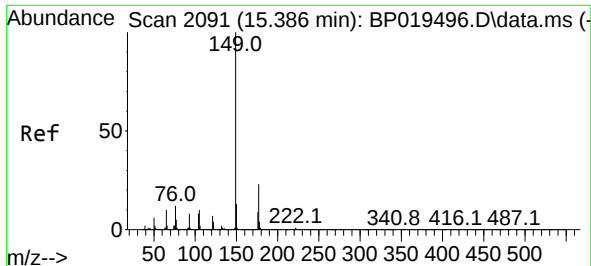
Tgt Ion:166 Resp: 590369
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.5 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 54.246 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:232 Resp: 202874
Ion Ratio Lower Upper
232 100
131 37.1 32.4 48.6
130 2.1 1.9 2.9
166 26.9 23.4 35.2

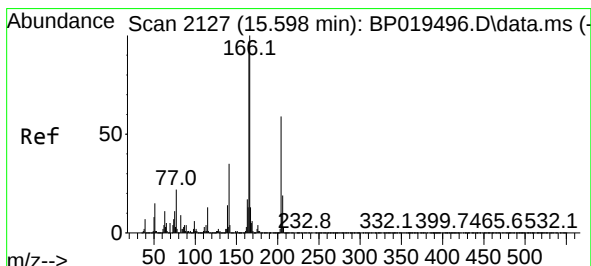
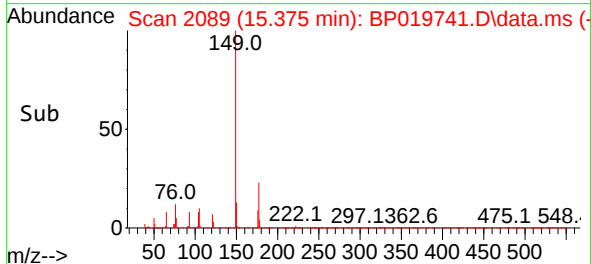
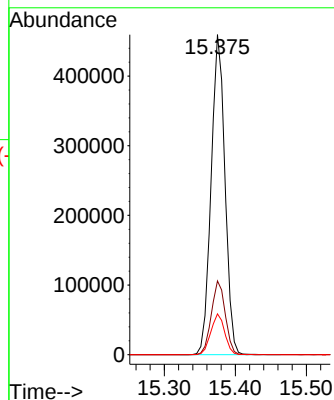
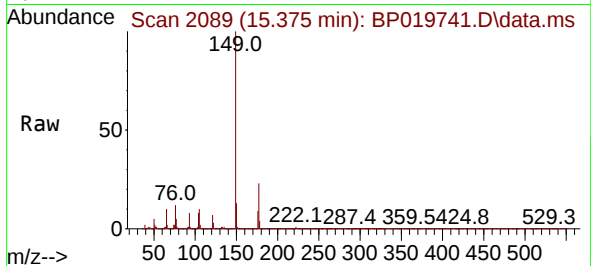




#60
Diethylphthalate
Concen: 47.054 ng
RT: 15.375 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

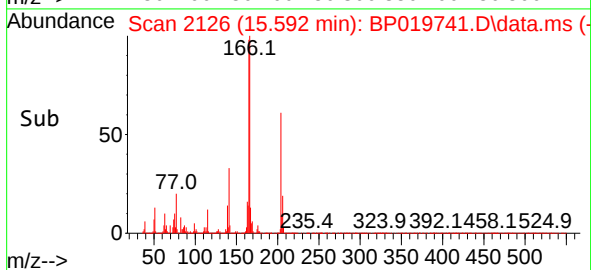
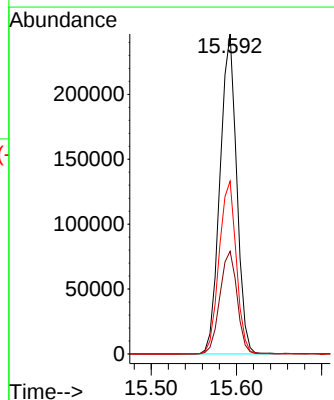
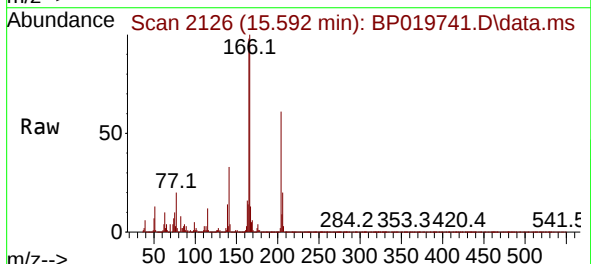
Instrument :
BNA_P
ClientSampleId :
PB158970BS

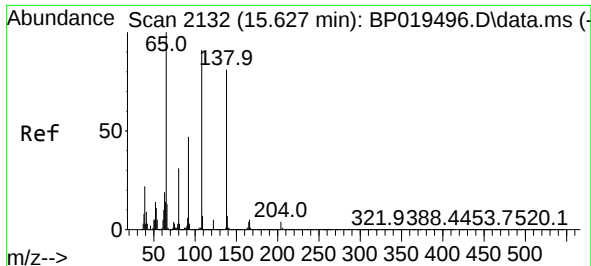
Tgt Ion:149 Resp: 621232
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.7 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 46.468 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:204 Resp: 335130
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 54.0 48.5 72.7

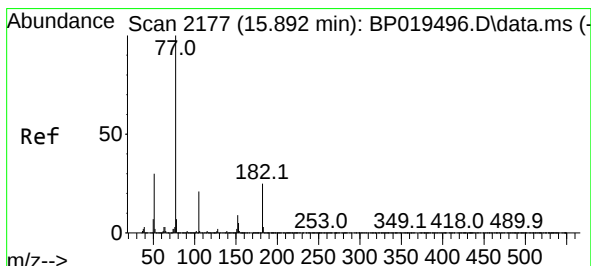
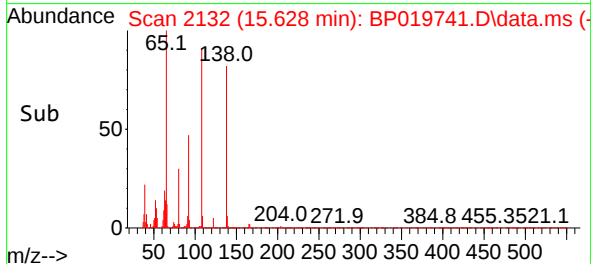
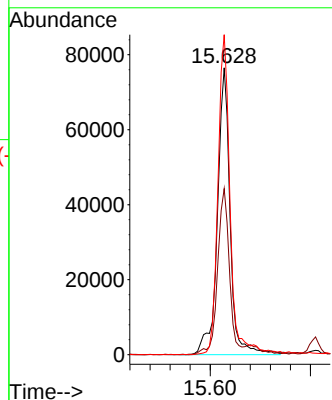
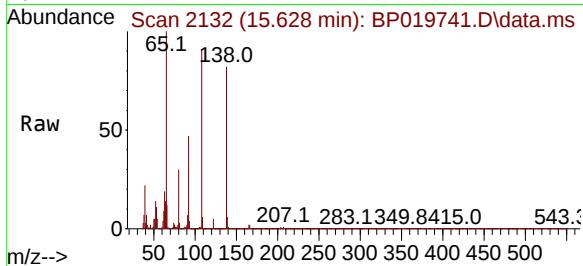




#62
4-Nitroaniline
Concen: 47.831 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

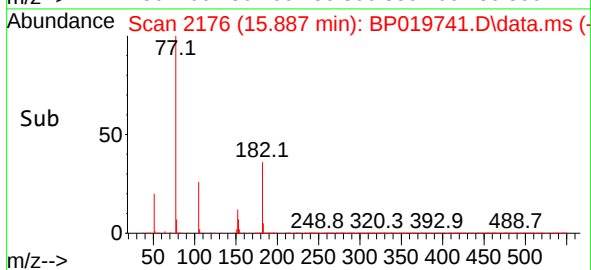
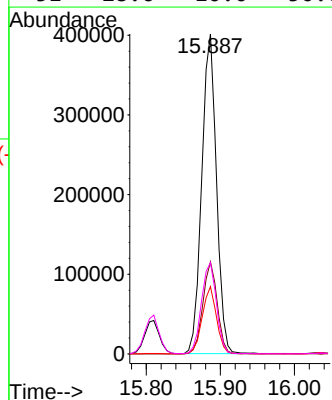
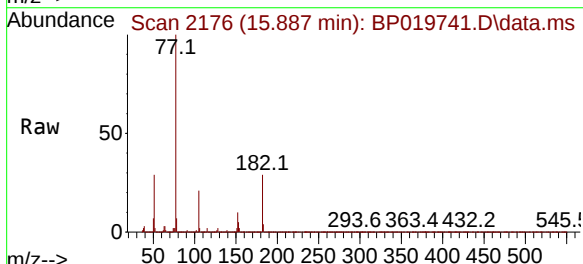
Instrument :
BNA_P
ClientSampleId :
PB158970BS

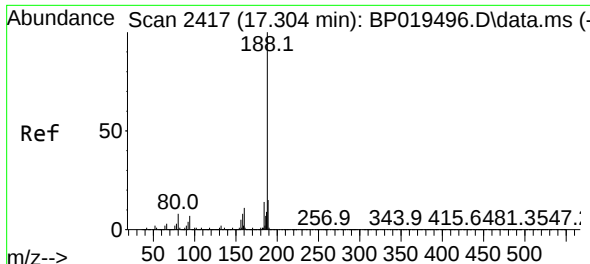
Tgt Ion:138 Resp: 134366
Ion Ratio Lower Upper
138 100
92 57.9 38.3 78.3
108 111.5 91.2 131.2



#63
Azobenzene
Concen: 43.272 ng
RT: 15.887 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 77 Resp: 552452
Ion Ratio Lower Upper
77 100
182 28.8 5.1 45.1
105 21.1 0.8 40.8
51 28.6 10.0 50.0

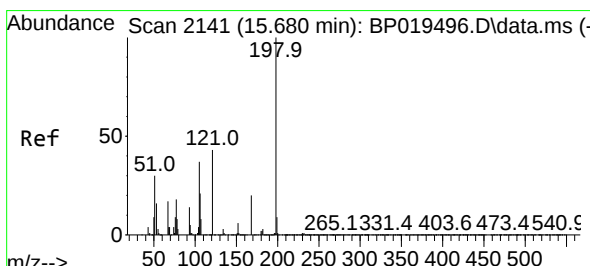
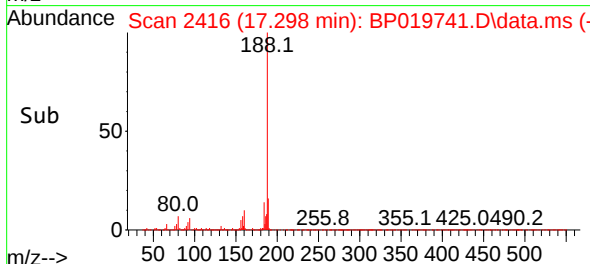
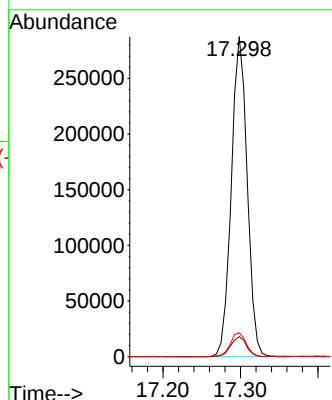
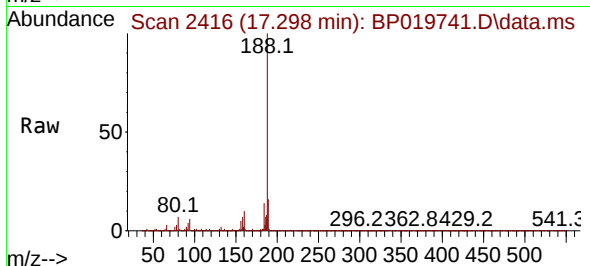




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

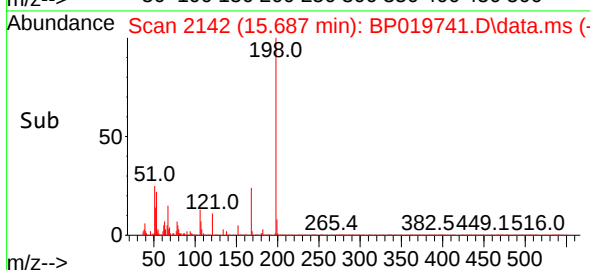
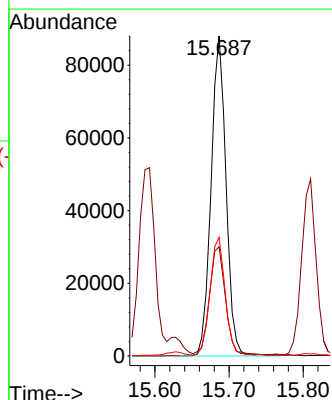
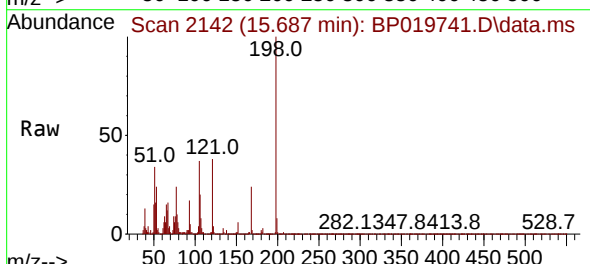
Instrument :
BNA_P
ClientSampleId :
PB158970BS

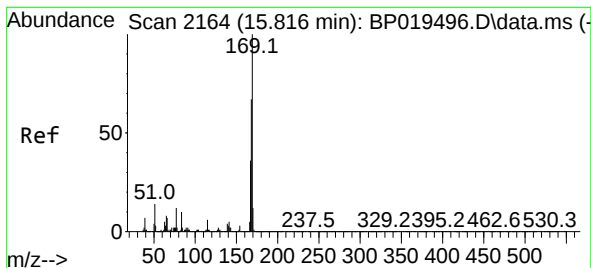
Tgt Ion:188 Resp: 409566
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.2
80 7.5 6.3 9.5



#65
4,6-Dinitro-2-methylphenol
Concen: 52.860 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:198 Resp: 123448
Ion Ratio Lower Upper
198 100
51 34.2 21.2 61.2
105 37.0 19.1 59.1





#66

n-Nitrosodiphenylamine

Concen: 42.610 ng

RT: 15.810 min Scan# 2164

Delta R.T. -0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

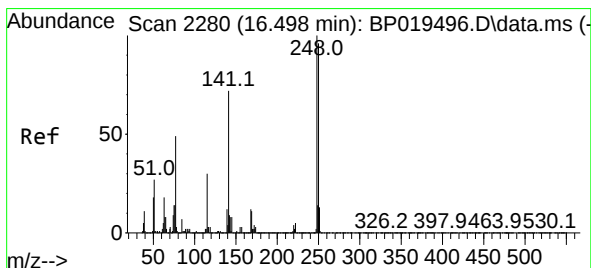
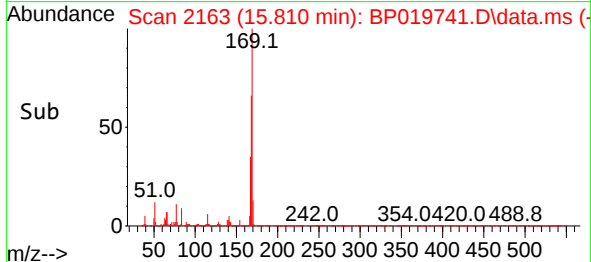
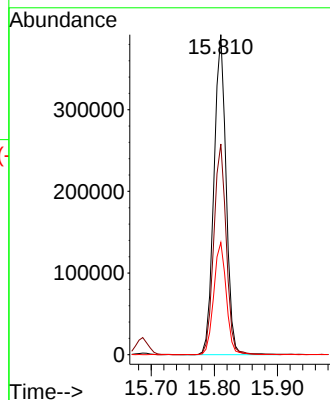
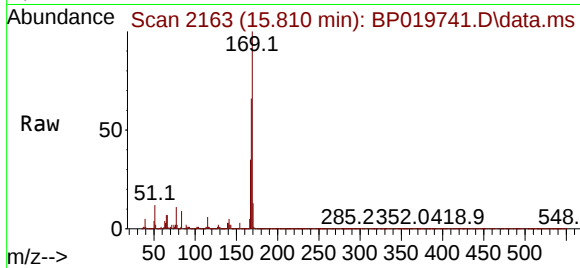
Tgt Ion:169 Resp: 522654

Ion Ratio Lower Upper

169 100

168 65.8 53.4 80.2

167 35.0 28.9 43.3



#67

4-Bromophenyl-phenylether

Concen: 44.605 ng

RT: 16.487 min Scan# 2278

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

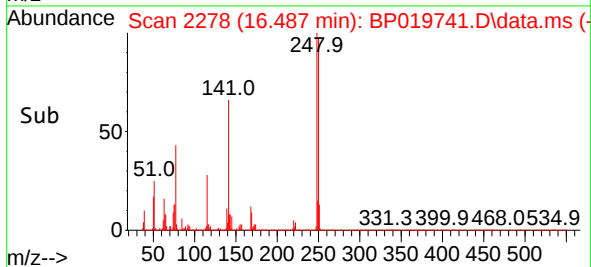
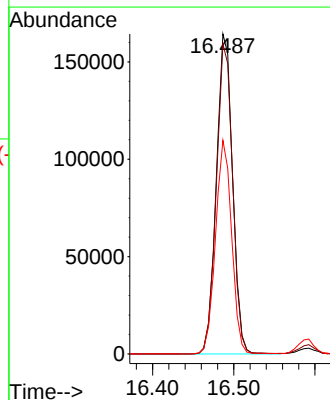
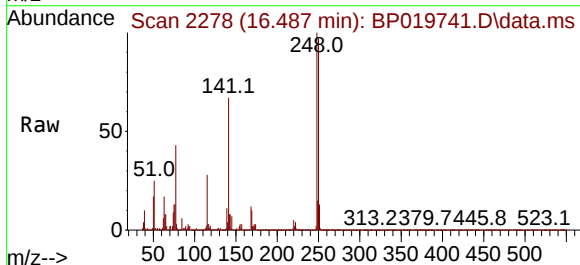
Tgt Ion:248 Resp: 228383

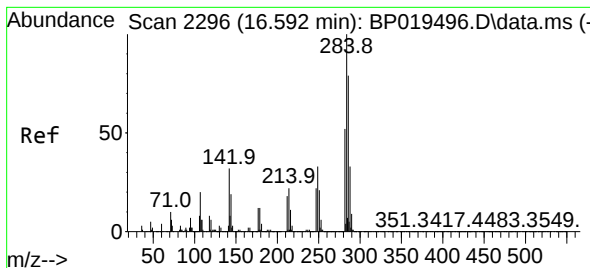
Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

141 66.7 58.0 87.0





#68

Hexachlorobenzene

Concen: 44.302 ng

RT: 16.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

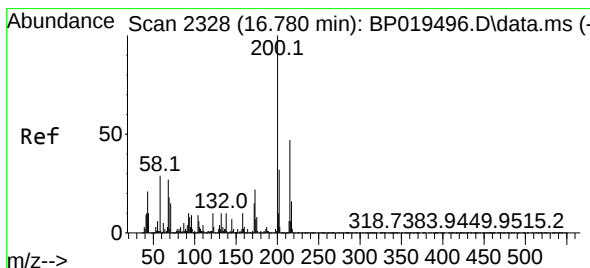
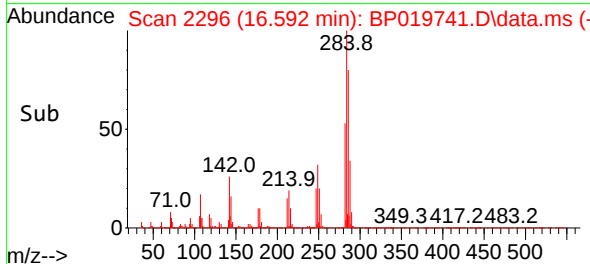
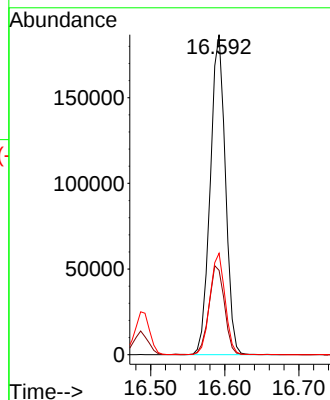
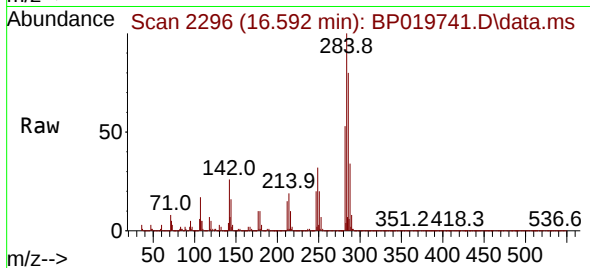
Tgt Ion:284 Resp: 264887

Ion Ratio Lower Upper

284 100

142 26.4 25.4 38.2

249 31.7 26.5 39.7



#69

Atrazine

Concen: 50.921 ng

RT: 16.775 min Scan# 2327

Delta R.T. -0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

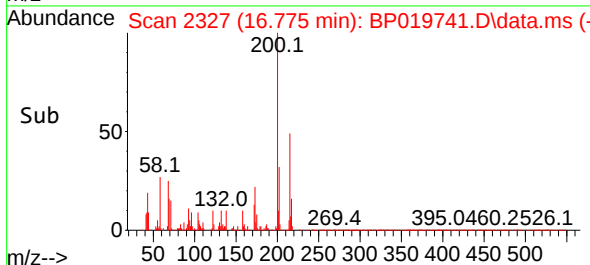
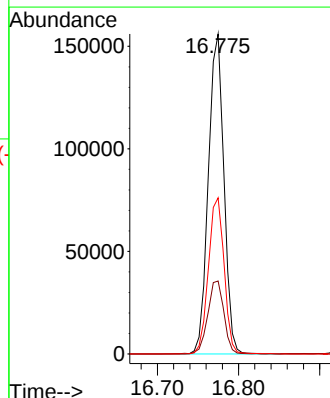
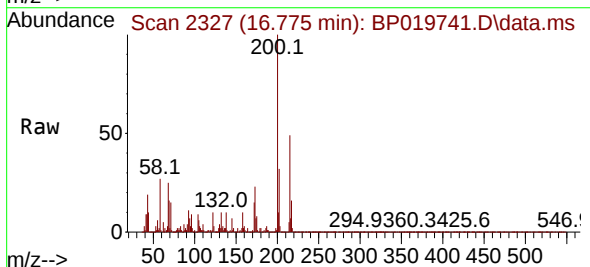
Tgt Ion:200 Resp: 207264

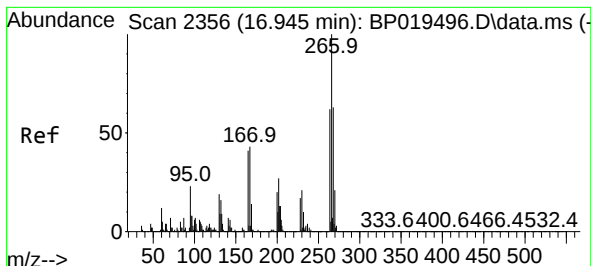
Ion Ratio Lower Upper

200 100

173 22.8 1.7 41.7

215 48.8 26.9 66.9





#70

Pentachlorophenol

Concen: 99.601 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

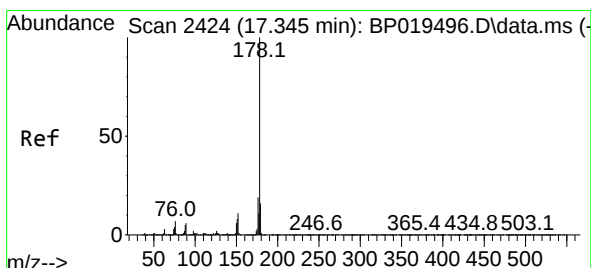
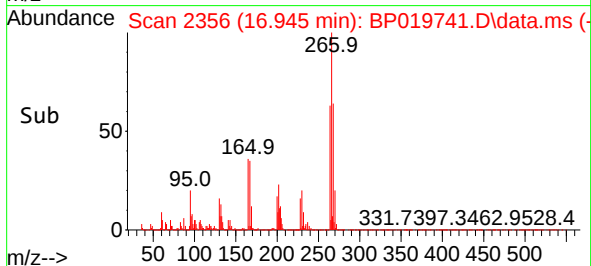
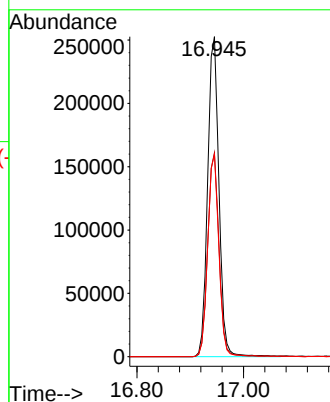
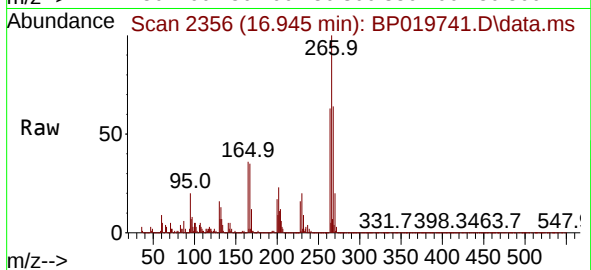
Tgt Ion:266 Resp: 370860

Ion Ratio Lower Upper

266 100

268 63.7 50.3 75.5

264 63.3 49.7 74.5



#71

Phenanthrene

Concen: 44.984 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

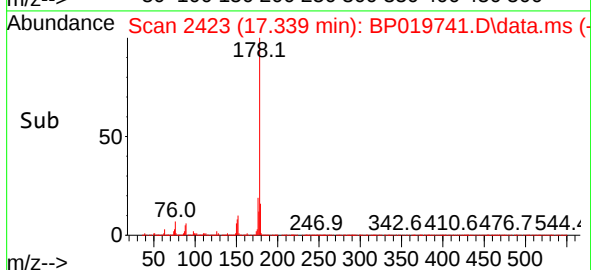
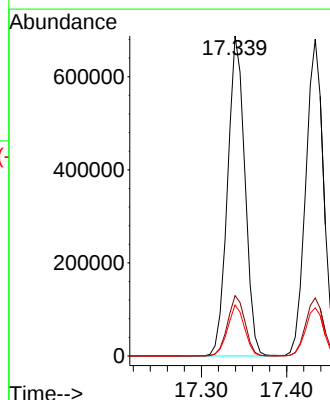
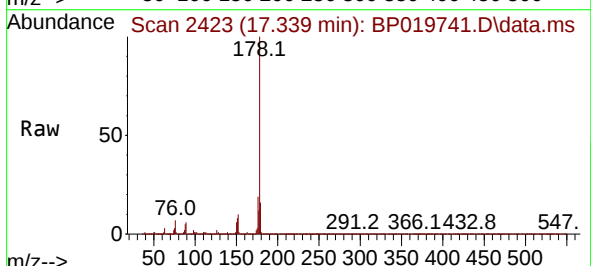
Tgt Ion:178 Resp: 969588

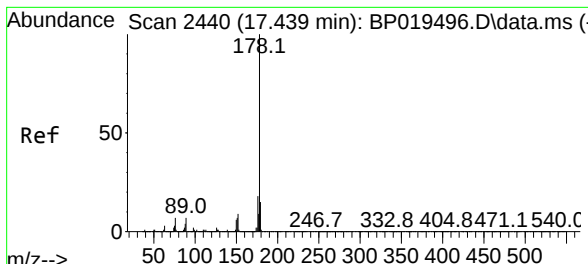
Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 16.0 12.6 19.0





#72

Anthracene

Concen: 45.688 ng

RT: 17.434 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

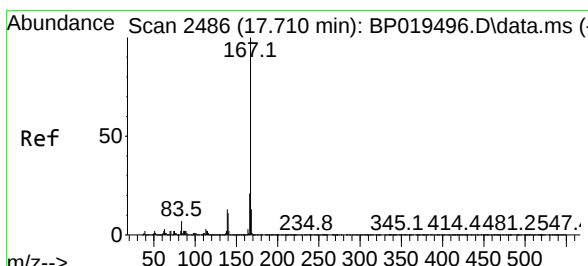
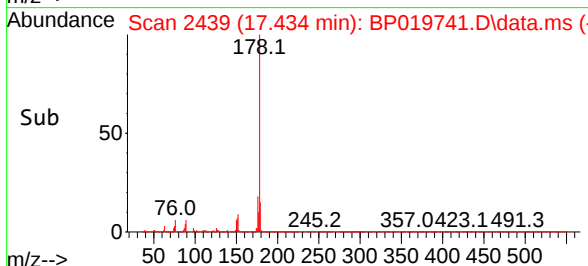
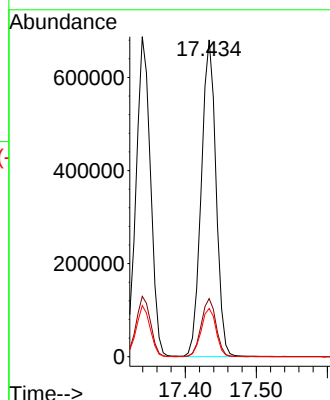
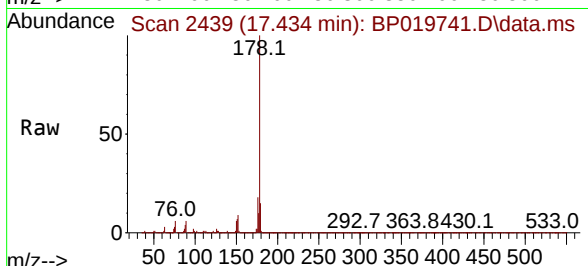
Tgt Ion:178 Resp: 982364

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.2 12.2 18.2



#73

Carbazole

Concen: 45.885 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

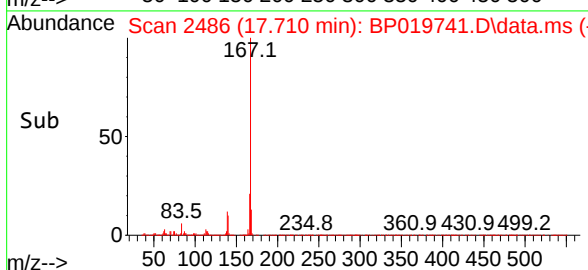
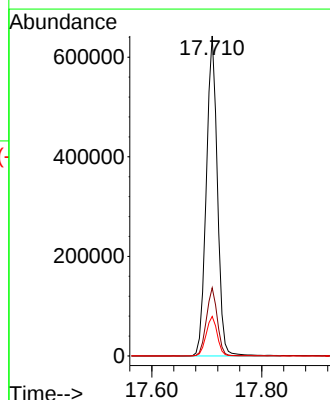
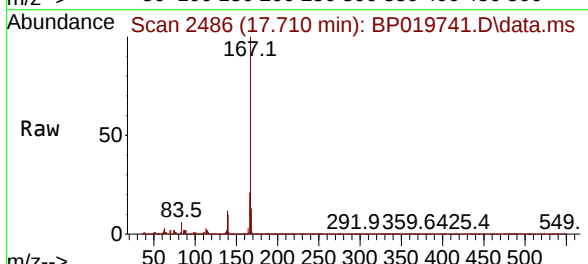
Tgt Ion:167 Resp: 896269

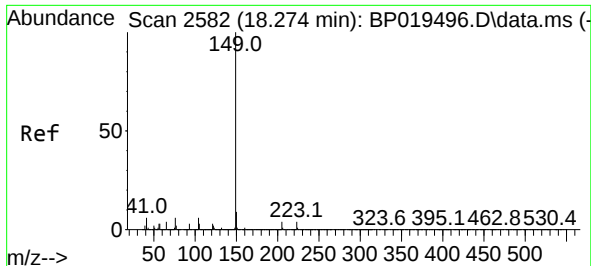
Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.4 10.6 15.8

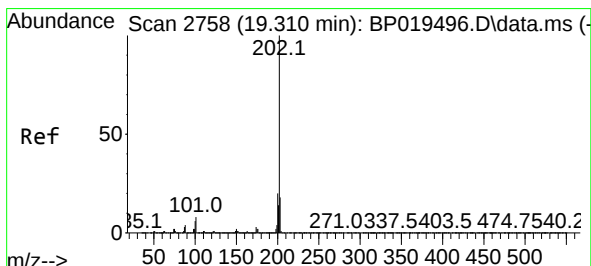
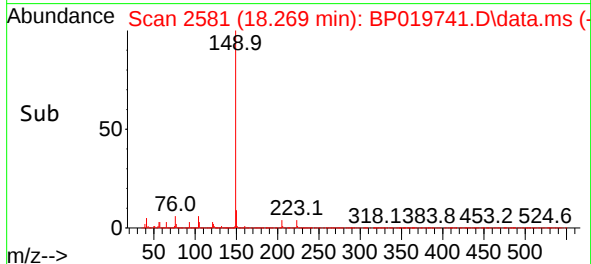
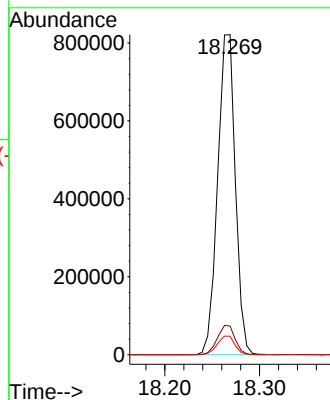
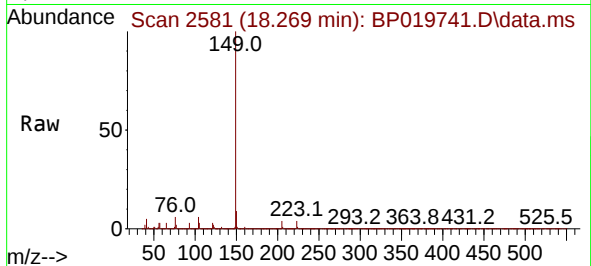




#74
Di-n-butylphthalate
Concen: 45.148 ng
RT: 18.269 min Scan# 2581
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

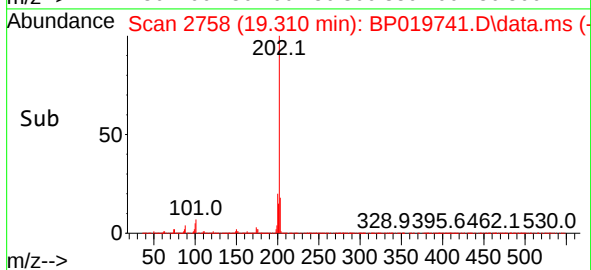
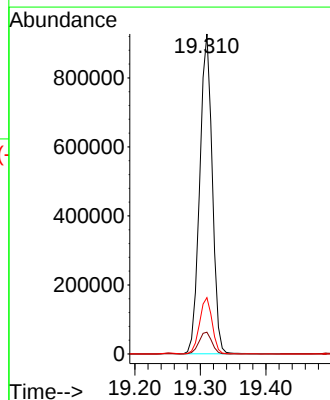
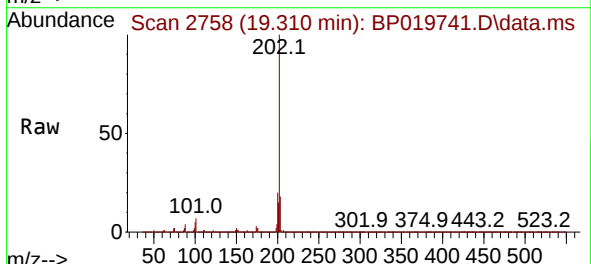
Instrument :
BNA_P
ClientSampleId :
PB158970BS

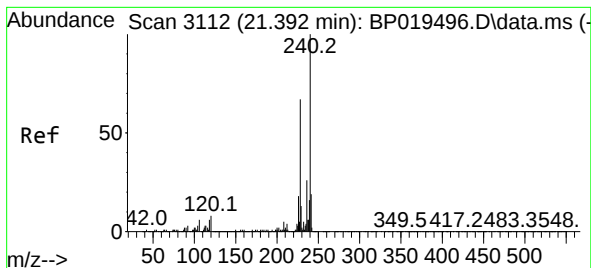
Tgt Ion:149 Resp: 1066292
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.7 4.8 7.2



#75
Fluoranthene
Concen: 46.780 ng
RT: 19.310 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:202 Resp: 1231744
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.7
203 17.6 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: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

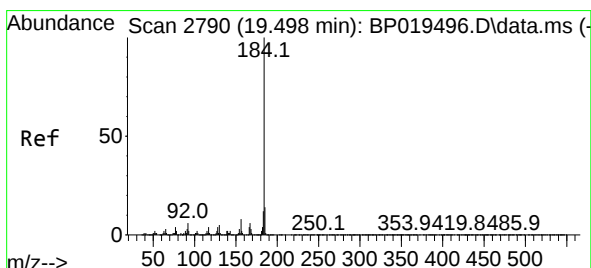
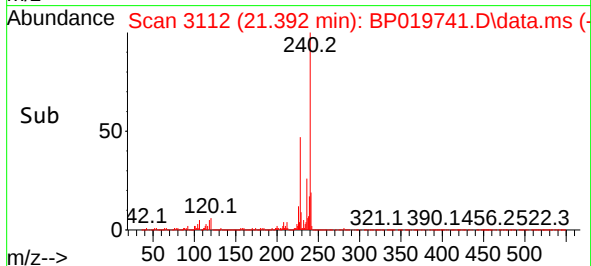
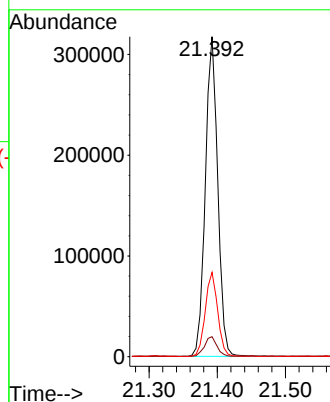
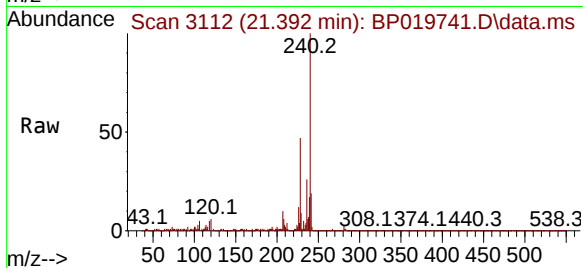
Tgt Ion:240 Resp: 401938

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

236 26.3 20.7 31.1



#77

Benzidine

Concen: 44.870 ng

RT: 19.498 min Scan# 2790

Delta R.T. 0.000 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

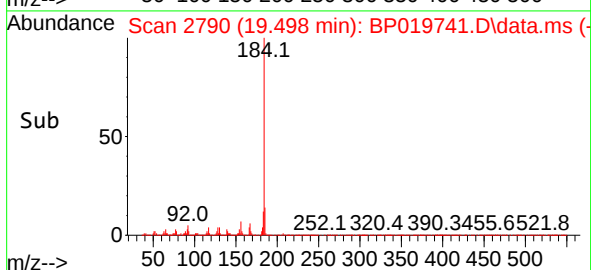
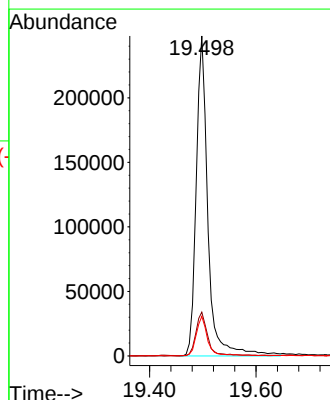
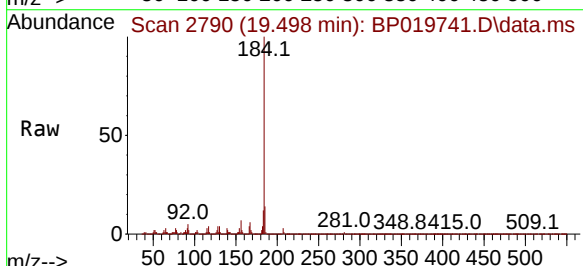
Tgt Ion:184 Resp: 377055

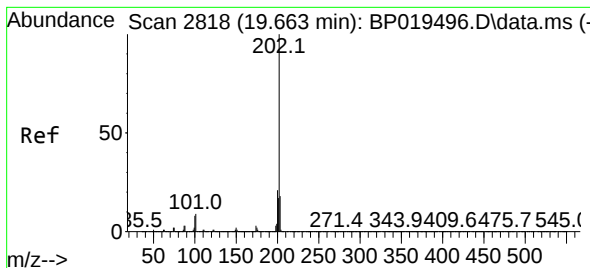
Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

183 12.4 9.7 14.5





#78

Pyrene

Concen: 44.860 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

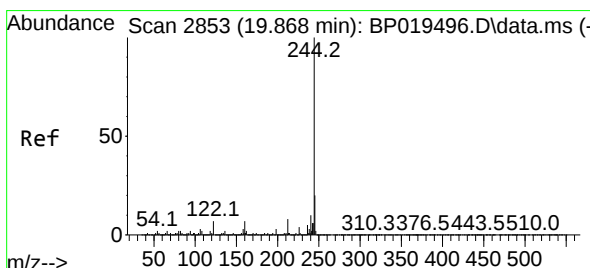
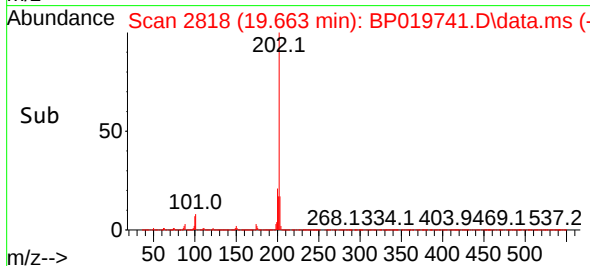
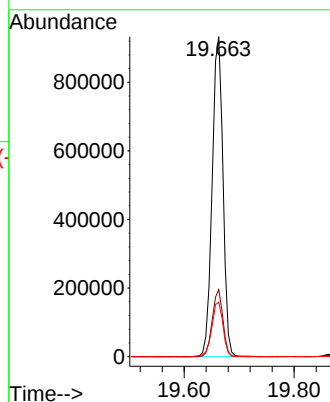
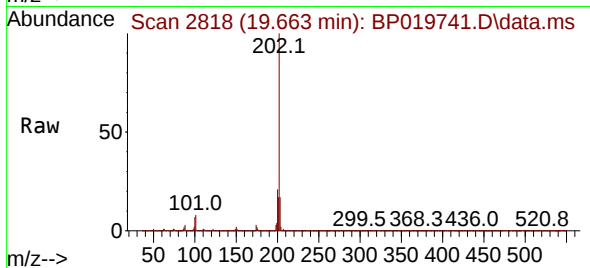
Tgt Ion:202 Resp: 1272548

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.0 14.2 21.2



#79

Terphenyl-d14

Concen: 91.060 ng

RT: 19.863 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

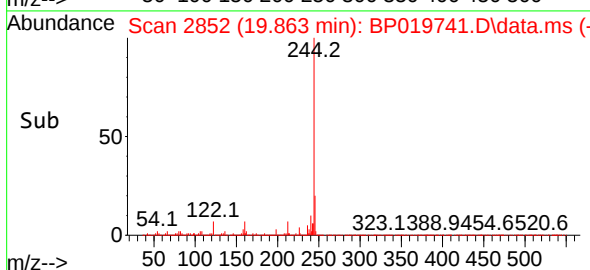
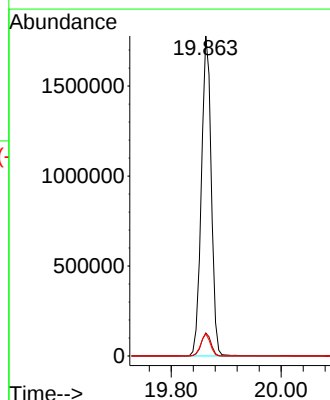
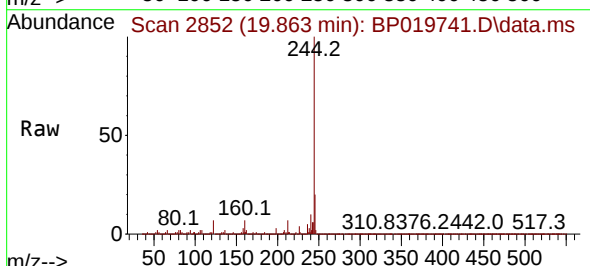
Tgt Ion:244 Resp: 2225564

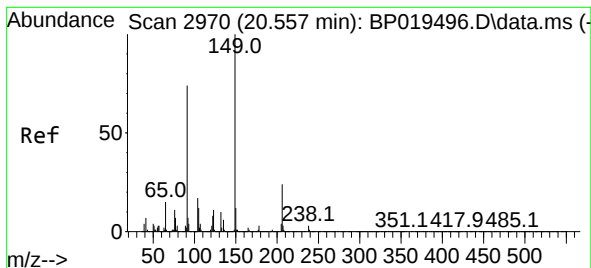
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.9 5.9 8.9





#80

Butylbenzylphthalate

Concen: 45.251 ng

RT: 20.545 min Scan# 2970

Delta R.T. -0.011 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

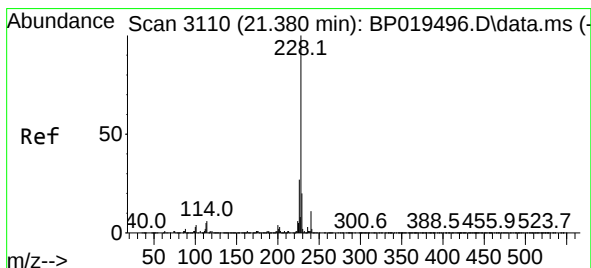
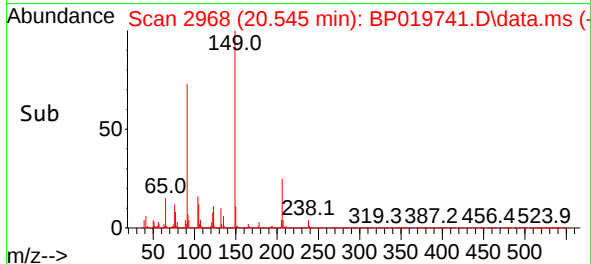
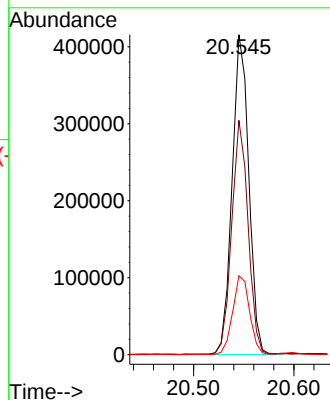
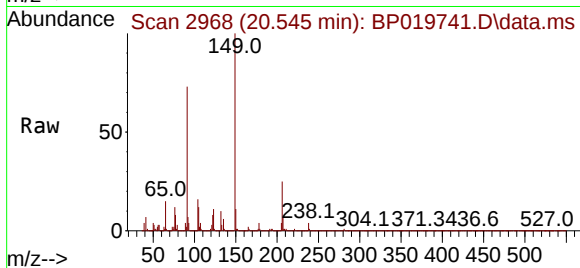
Tgt Ion:149 Resp: 479364

Ion Ratio Lower Upper

149 100

91 73.3 59.4 89.0

206 24.7 19.0 28.6



#81

Benzo(a)anthracene

Concen: 45.282 ng

RT: 21.375 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

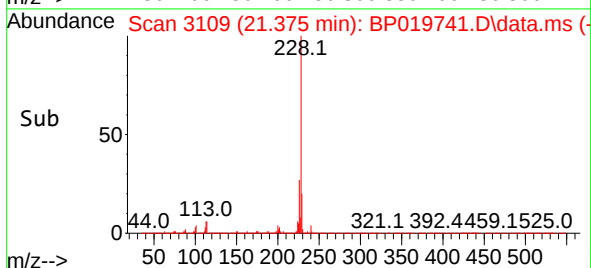
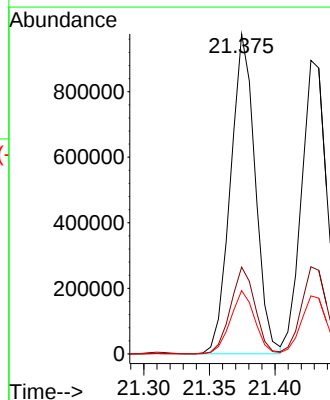
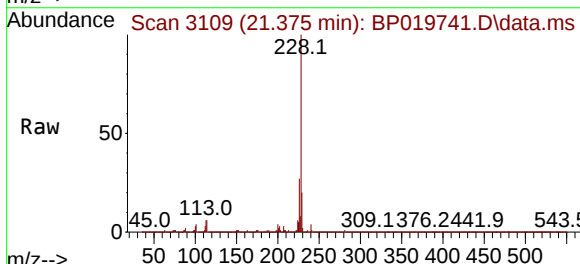
Tgt Ion:228 Resp: 1281177

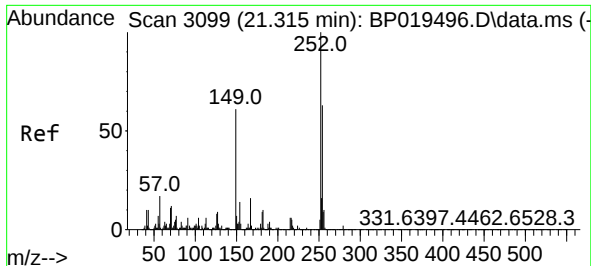
Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.8 15.6 23.4

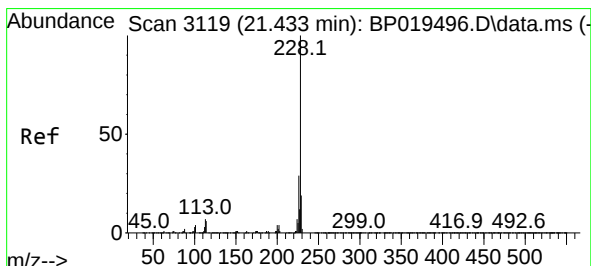
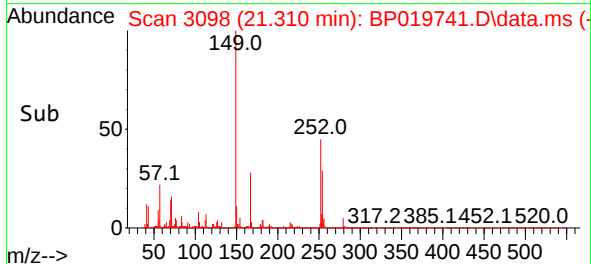
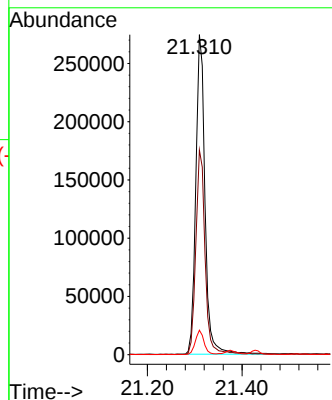
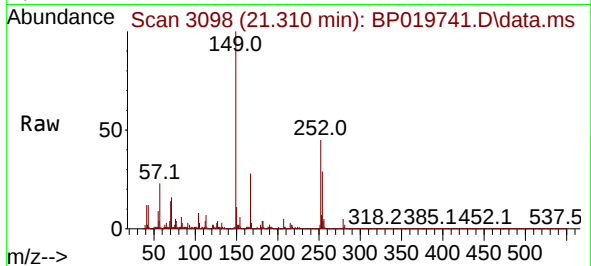




#82
3,3'-Dichlorobenzidine
Concen: 35.829 ng
RT: 21.310 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

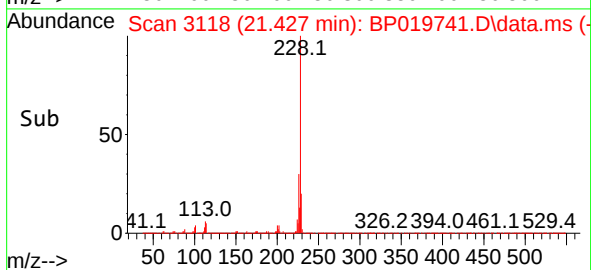
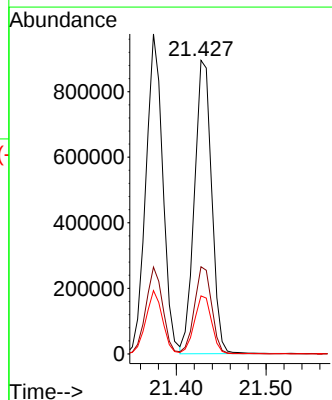
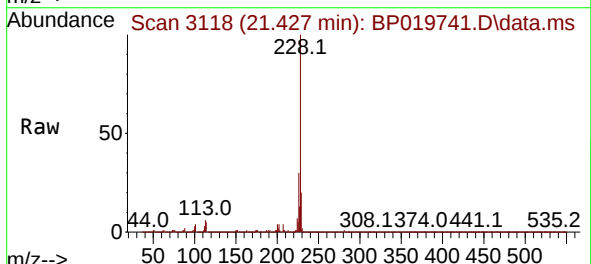
Instrument :
BNA_P
ClientSampleId :
PB158970BS

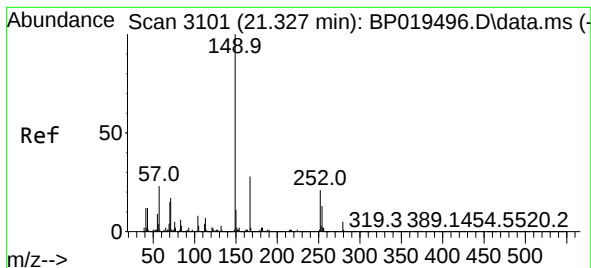
Tgt Ion:252 Resp: 369400
Ion Ratio Lower Upper
252 100
254 64.0 50.7 76.1
126 7.7 6.4 9.6



#83
Chrysene
Concen: 44.379 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:228 Resp: 1192115
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.2
229 19.8 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.287 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

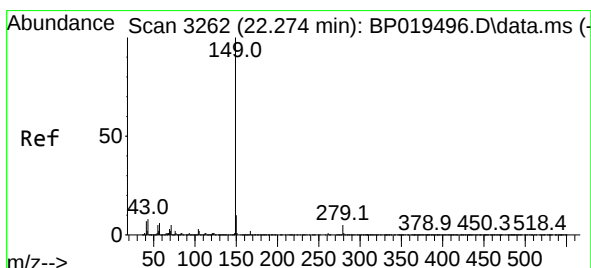
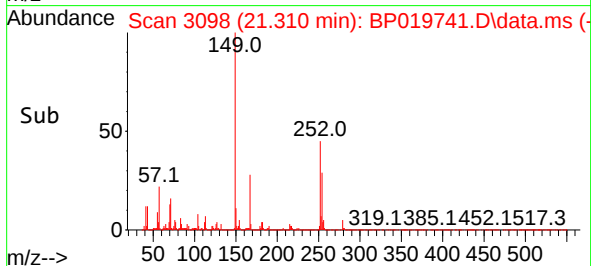
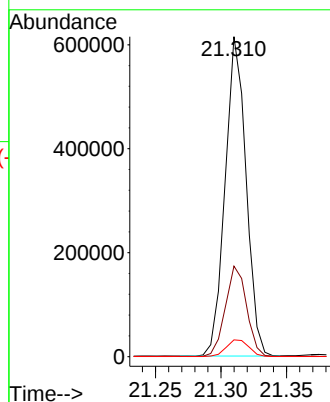
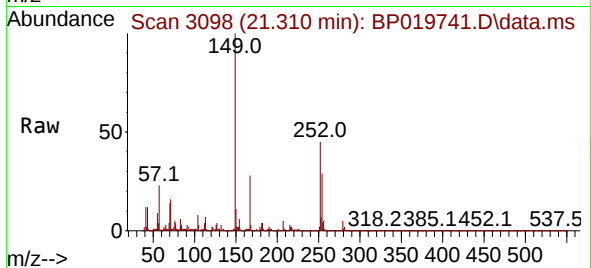
Tgt Ion:149 Resp: 682138

Ion Ratio Lower Upper

149 100

167 28.3 22.7 34.1

279 5.2 4.2 6.2



#85

Di-n-octyl phthalate

Concen: 41.427 ng

RT: 22.257 min Scan# 3259

Delta R.T. -0.017 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

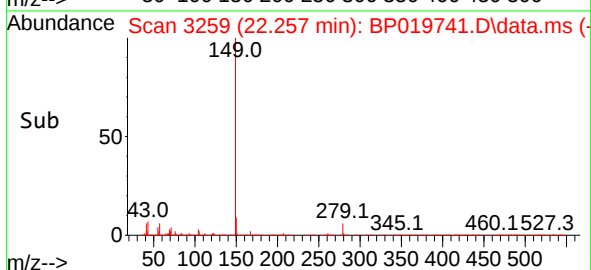
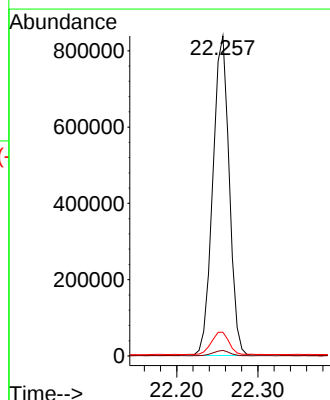
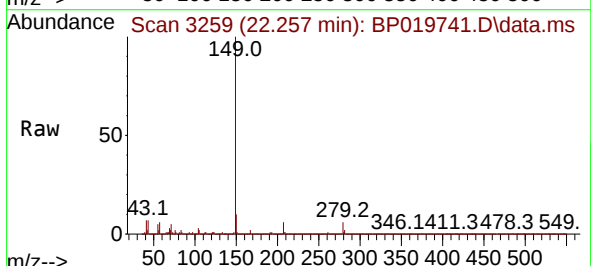
Tgt Ion:149 Resp: 1175770

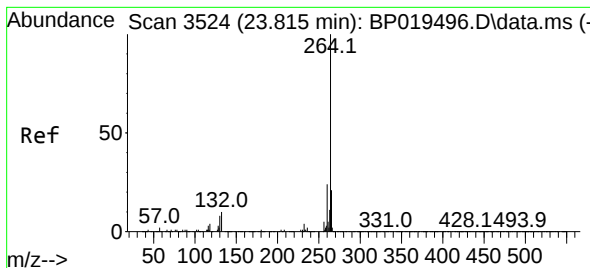
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.5 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

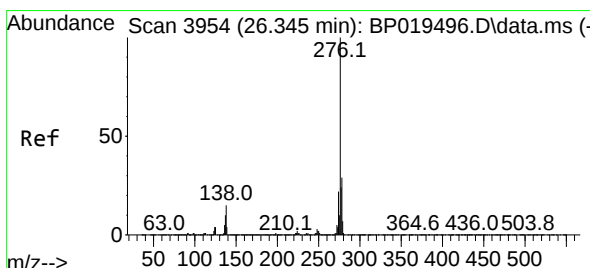
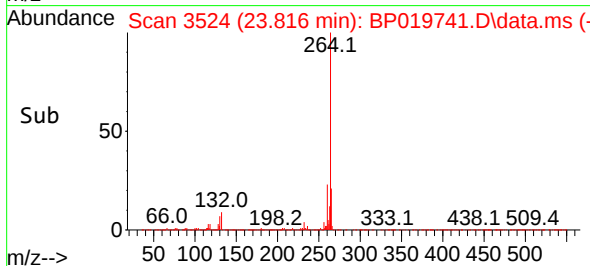
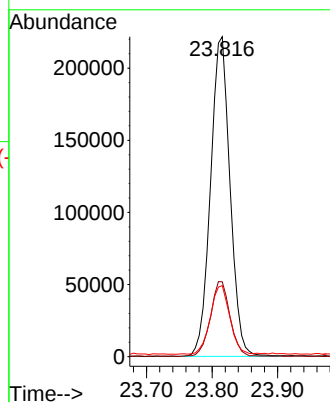
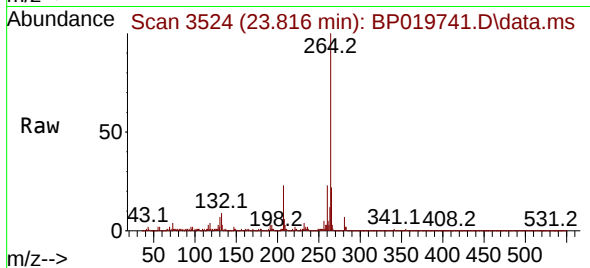
Tgt Ion:264 Resp: 457544

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.2 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.474 ng

RT: 26.357 min Scan# 3956

Delta R.T. 0.012 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

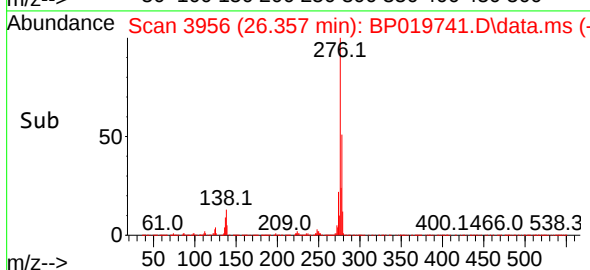
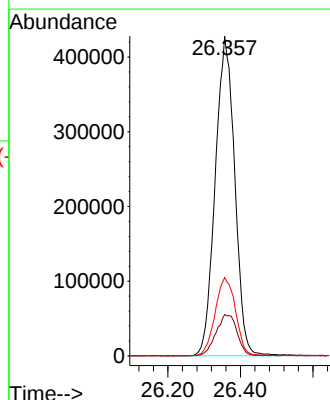
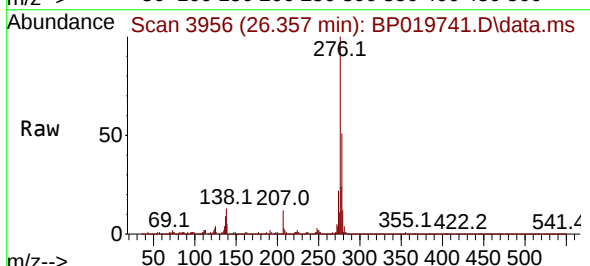
Tgt Ion:276 Resp: 1592657

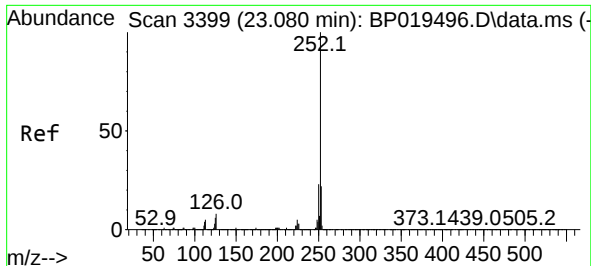
Ion Ratio Lower Upper

276 100

138 14.0 13.1 19.7

277 25.6 20.3 30.5

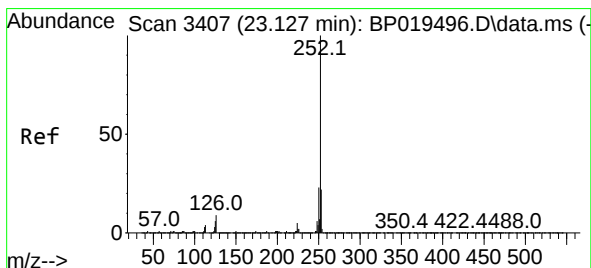
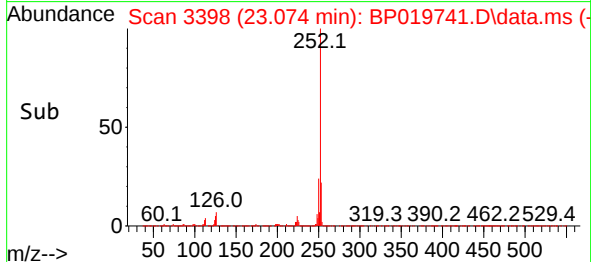
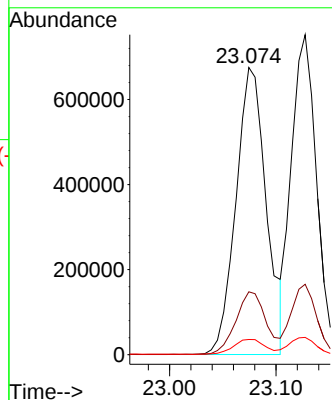
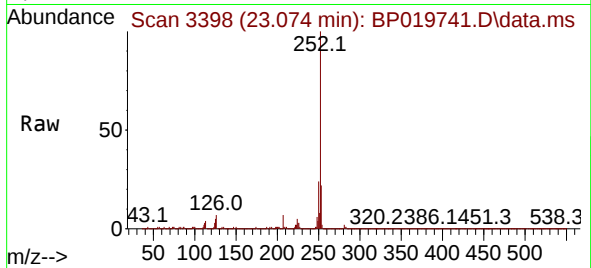




#88
Benzo(b)fluoranthene
Concen: 46.478 ng
RT: 23.074 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

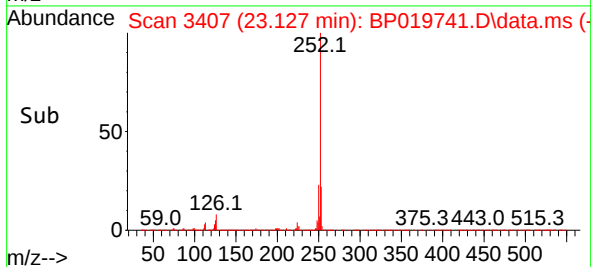
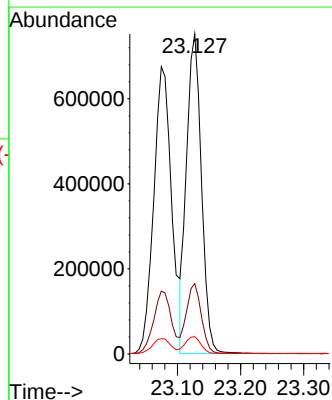
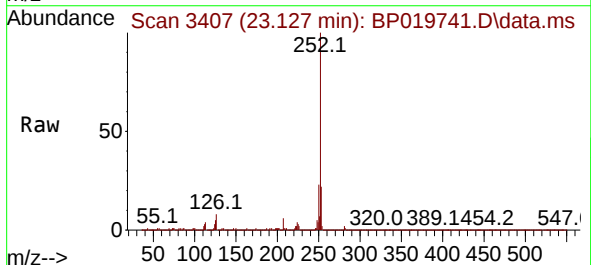
Instrument :
BNA_P
ClientSampleId :
PB158970BS

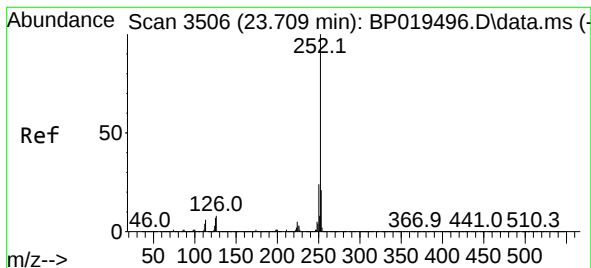
Tgt Ion:252 Resp: 1340277
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 5.3 4.9 7.3



#89
Benzo(k)fluoranthene
Concen: 44.837 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP019741.D
Acq: 16 Feb 2024 12:50

Tgt Ion:252 Resp: 1235084
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 5.4 5.0 7.6





#90

Benzo(a)pyrene

Concen: 46.445 ng

RT: 23.710 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

Instrument :

BNA_P

ClientSampleId :

PB158970BS

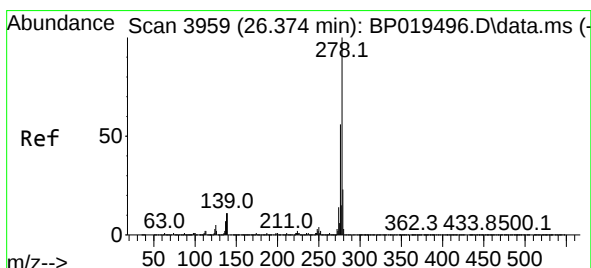
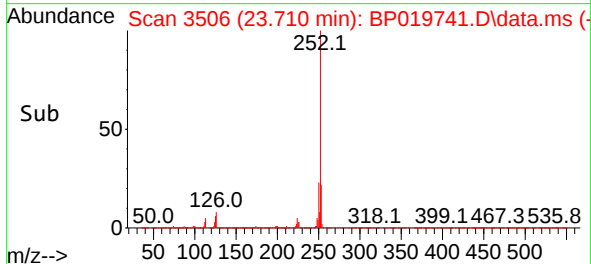
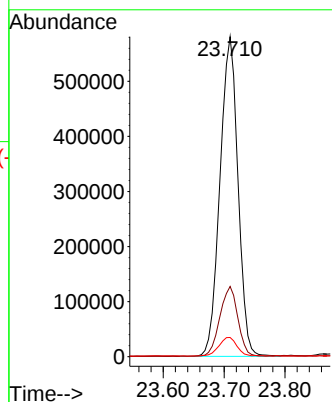
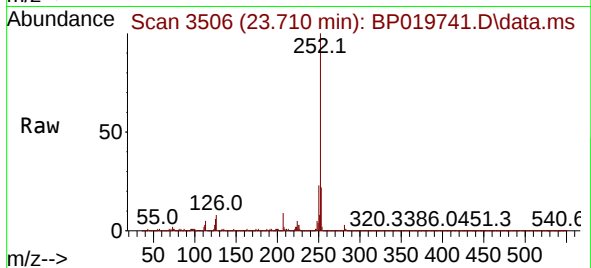
Tgt Ion:252 Resp: 1191696

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 6.0 5.6 8.4



#91

Dibenzo(a,h)anthracene

Concen: 46.160 ng

RT: 26.380 min Scan# 3960

Delta R.T. 0.006 min

Lab File: BP019741.D

Acq: 16 Feb 2024 12:50

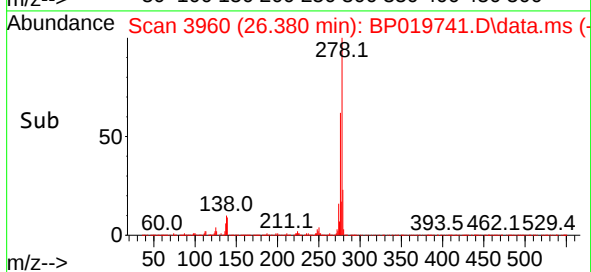
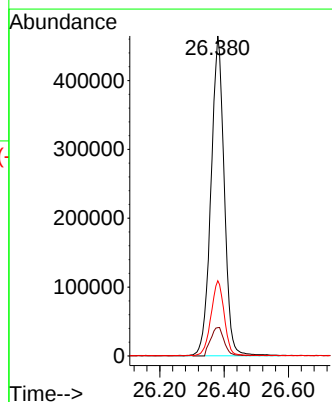
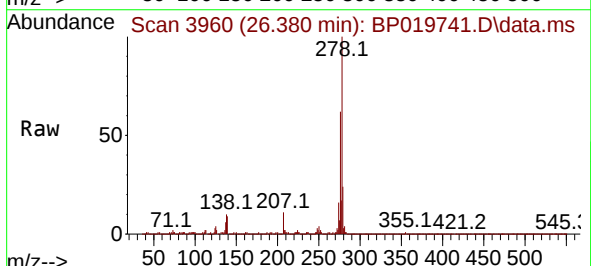
Tgt Ion:278 Resp: 1329641

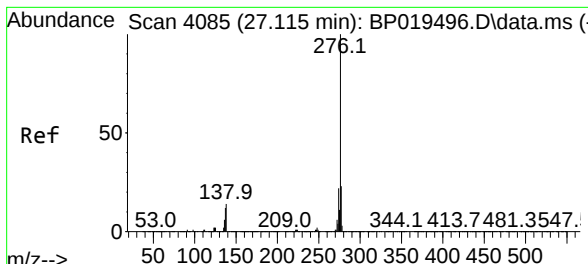
Ion Ratio Lower Upper

278 100

139 8.9 8.6 12.8

279 23.5 18.5 27.7





#92
 Benzo(g,h,i)perylene
 Concen: 43.234 ng
 RT: 27.139 min Scan# 4089
 Delta R.T. 0.024 min
 Lab File: BP019741.D
 Acq: 16 Feb 2024 12:50

Instrument :
 BNA_P
 ClientSampleId :
 PB158970BS

Tgt Ion:276 Resp: 1263435

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	11.5	10.9	16.3

