

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021596.D
 Acq On : 21 Aug 2024 13:52
 Operator : RC/JU
 Sample : PB162717BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162717BS

Quant Time: Aug 21 15:05:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	382215	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1575046	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1040134	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2287402	20.000	ng	0.00
76) Chrysene-d12	21.733	240	2165693	20.000	ng	0.04
86) Perylene-d12	25.180	264	2442992	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3393745	131.843	ng	0.00
7) Phenol-d6	6.969	99	4617277	122.964	ng	0.00
23) Nitrobenzene-d5	8.952	82	2709858	88.803	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1734110	149.799	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5274621	77.393	ng	0.00
79) Terphenyl-d14	19.986	244	9075459	81.411	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	332984	27.282	ng	97
3) Pyridine	3.711	79	930205	27.301	ng	95
4) n-Nitrosodimethylamine	3.617	42	421867	41.193	ng	92
6) Aniline	7.128	93	1009293	26.886	ng	97
8) 2-Chlorophenol	7.369	128	1182127	49.695	ng	95
9) Benzaldehyde	6.940	77	421687	17.539	ng	92
10) Phenol	6.999	94	1763452	45.352	ng	96
11) bis(2-Chloroethyl)ether	7.222	93	1309449	39.798	ng	96
12) 1,3-Dichlorobenzene	7.693	146	1173922	41.546	ng	96
13) 1,4-Dichlorobenzene	7.840	146	1209567	42.394	ng	98
14) 1,2-Dichlorobenzene	8.152	146	1159900	42.185	ng	100
15) Benzyl Alcohol	8.034	79	1201796	44.606	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1232878	40.689	ng	96
17) 2-Methylphenol	8.240	107	1138874	46.330	ng	97
18) Hexachloroethane	8.881	117	493810	43.160	ng	99
19) n-Nitroso-di-n-propyla...	8.605	70	929078	35.819	ng	95
20) 3+4-Methylphenols	8.563	107	1570147	47.371	ng	98
22) Acetophenone	8.616	105	1818142	37.575	ng	# 98
24) Nitrobenzene	8.993	77	1407014	42.453	ng	93
25) Isophorone	9.522	82	2739777	38.005	ng	97
26) 2-Nitrophenol	9.704	139	589121	61.505	ng	93
27) 2,4-Dimethylphenol	9.769	122	895823	50.352	ng	99
28) bis(2-Chloroethoxy)met...	9.999	93	1750150	39.771	ng	99
29) 2,4-Dichlorophenol	10.240	162	1105942	52.612	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1117565	41.468	ng	98
31) Naphthalene	10.646	128	3480847	42.304	ng	99
32) Benzoic acid	9.904	122	859892	64.569	ng	91
33) 4-Chloroaniline	10.740	127	776965	25.139	ng	96
34) Hexachlorobutadiene	10.934	225	670956	39.541	ng	99
35) Caprolactam	11.528	113	415006	47.432	ng	90
36) 4-Chloro-3-methylphenol	11.875	107	1467905	50.341	ng	96
37) 2-Methylnaphthalene	12.251	142	2392362	42.602	ng	99
38) 1-Methylnaphthalene	12.475	142	2231693	40.294	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1197272	39.286	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1047493	108.447	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	925136	54.648	ng	100

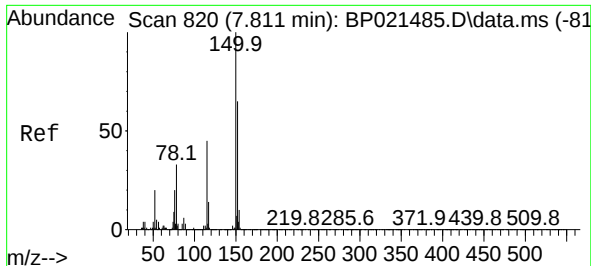
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 QLast Update : Wed Aug 14 00:00:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1001252	53.233	ng	95
46) 1,1'-Biphenyl	13.275	154	2928590	39.796	ng	97
47) 2-Chloronaphthalene	13.316	162	2422354	42.280	ng	99
48) 2-Nitroaniline	13.510	65	855436	52.708	ng	# 86
49) Acenaphthylene	14.169	152	4012822	47.645	ng	99
50) Dimethylphthalate	13.904	163	3210075	46.084	ng	99
51) 2,6-Dinitrotoluene	14.016	165	708246	50.199	ng	91
52) Acenaphthene	14.516	154	2354601	42.608	ng	100
53) 3-Nitroaniline	14.345	138	597584	43.648	ng	# 89
54) 2,4-Dinitrophenol	14.551	184	767324	122.237	ng	90
55) Dibenzofuran	14.857	168	3801272	44.715	ng	99
56) 4-Nitrophenol	14.663	139	1304945	110.865	ng	# 86
57) 2,4-Dinitrotoluene	14.810	165	1009571	55.596	ng	88
58) Fluorene	15.510	166	3022535	43.279	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	909332	56.959	ng	99
60) Diethylphthalate	15.292	149	3302718	46.211	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	1533021	42.466	ng	100
62) 4-Nitroaniline	15.528	138	734847	51.518	ng	95
63) Azobenzene	15.810	77	3533192	40.216	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	542870	68.095	ng	95
66) n-Nitrosodiphenylamine	15.728	169	2701126	44.065	ng	100
67) 4-Bromophenyl-phenylether	16.428	248	1030332	42.560	ng	97
68) Hexachlorobenzene	16.551	284	1207612	42.211	ng	98
69) Atrazine	16.710	200	854121	40.584	ng	99
70) Pentachlorophenol	16.898	266	1601782	102.580	ng	99
71) Phenanthrene	17.304	178	4932533	44.839	ng	100
72) Anthracene	17.398	178	4842423	44.885	ng	100
73) Carbazole	17.675	167	4690439	45.113	ng	99
74) Di-n-butylphthalate	18.280	149	5906986	46.261	ng	100
75) Fluoranthene	19.392	202	5895234	43.676	ng	100
77) Benzidine	19.580	184	1160465	23.491	ng	100
78) Pyrene	19.769	202	6232922	44.032	ng	100
80) Butylbenzylphthalate	20.722	149	2738466	50.749	ng	90
81) Benzo(a)anthracene	21.710	228	6325234	46.525	ng	99
82) 3,3'-Dichlorobenzidine	21.627	252	1898042	43.543	ng	100
83) Chrysene	21.780	228	5948120	46.339	ng	99
84) Bis(2-ethylhexyl)phtha...	21.657	149	4155968	51.721	ng	99
85) Di-n-octyl phthalate	22.986	149	7331332	51.543	ng	97
87) Indeno(1,2,3-cd)pyrene	29.098	276	7086431	44.749	ng	# 91
88) Benzo(b)fluoranthene	24.086	252	6859212	48.887	ng	100
89) Benzo(k)fluoranthene	24.157	252	6722130	49.113	ng	99
90) Benzo(a)pyrene	25.027	252	6384870	52.439	ng	99
91) Dibenzo(a,h)anthracene	29.186	278	6839639	51.982	ng	99
92) Benzo(g,h,i)perylene	30.321	276	6566648	49.793	ng	99

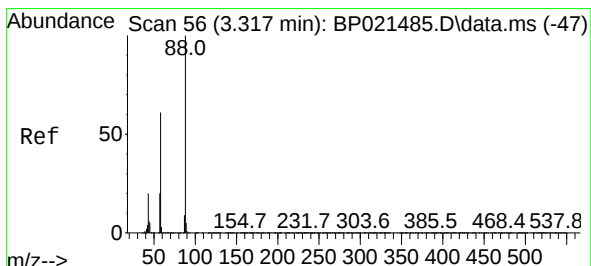
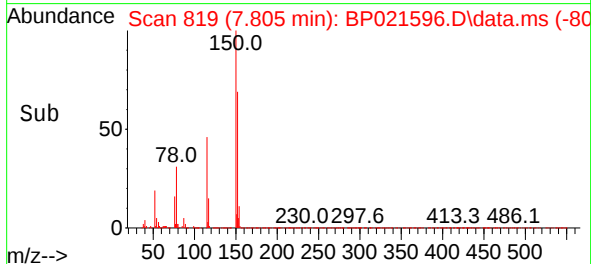
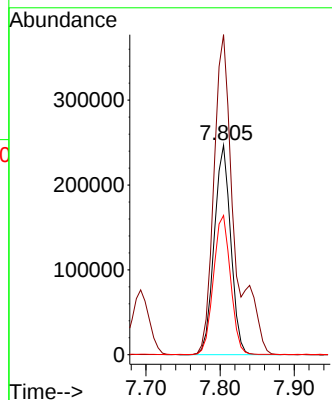
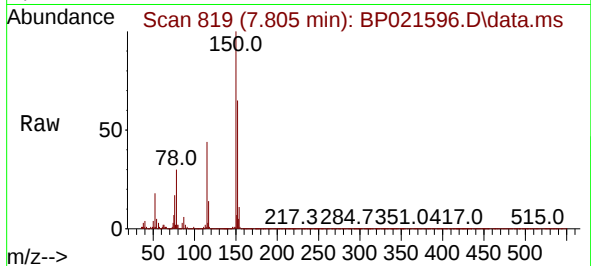
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021596.D
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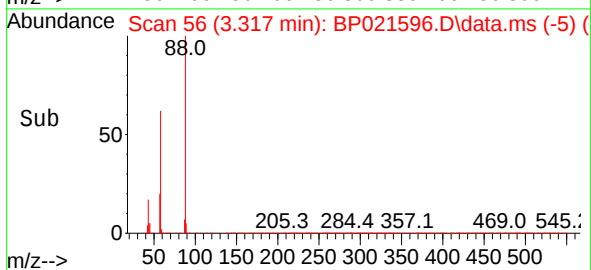
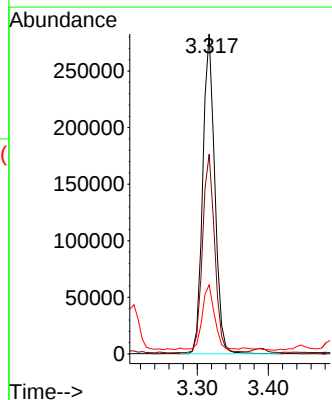
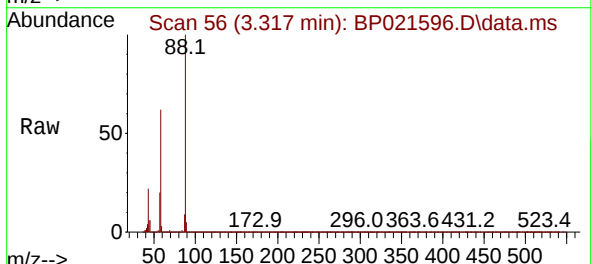
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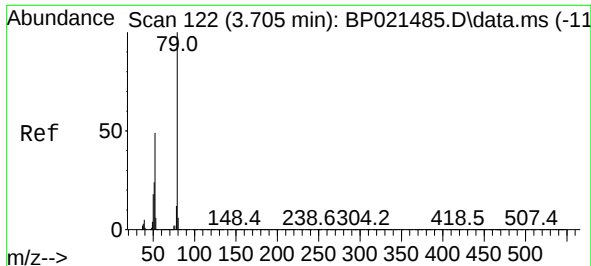
Tgt Ion:152 Resp: 382215
Ion Ratio Lower Upper
152 100
150 152.8 122.4 183.6
115 66.5 54.7 82.1



#2
1,4-Dioxane
Concen: 27.282 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 88 Resp: 332984
Ion Ratio Lower Upper
88 100
58 63.4 48.7 73.1
43 20.0 15.4 23.2

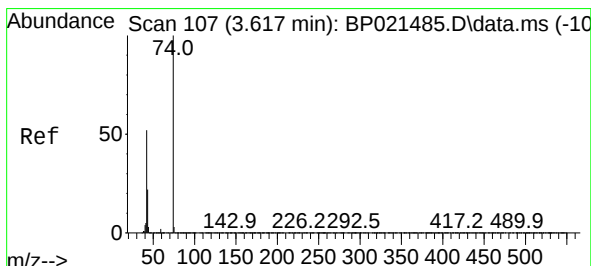
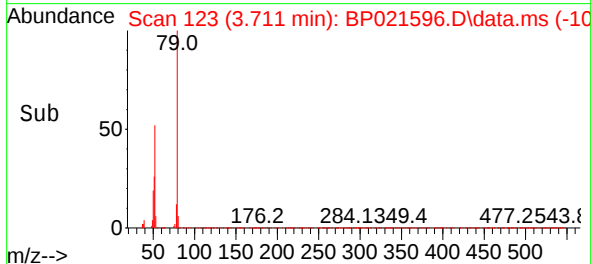
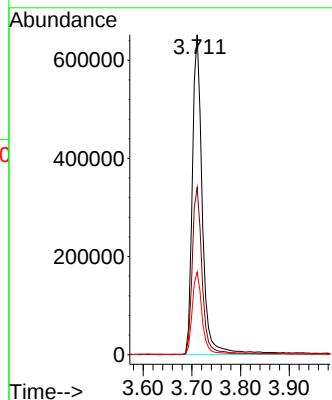
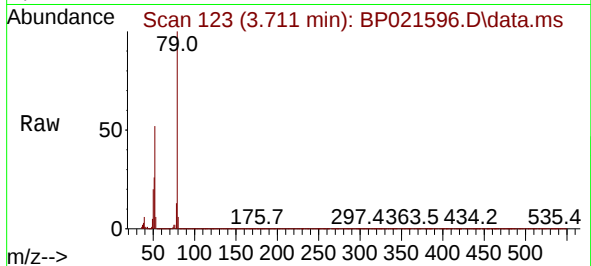




#3
Pyridine
Concen: 27.301 ng
RT: 3.711 min Scan# 122
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

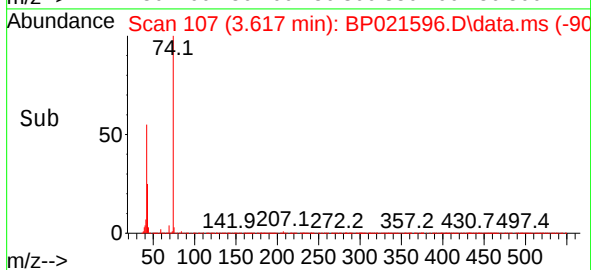
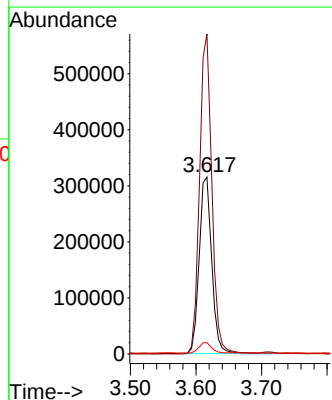
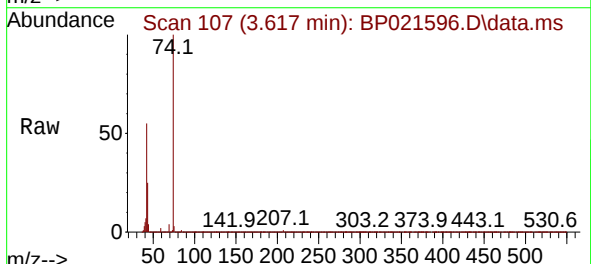
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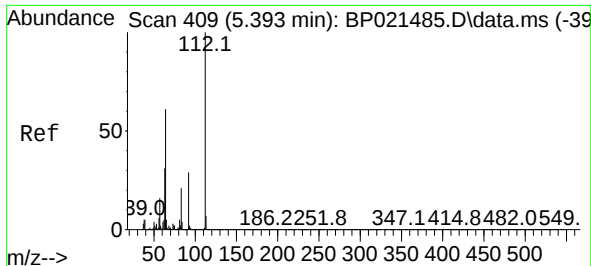
Tgt Ion: 79 Resp: 930205
Ion Ratio Lower Upper
79 100
52 52.3 39.0 58.6
51 25.9 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 41.193 ng
RT: 3.617 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 42 Resp: 421867
Ion Ratio Lower Upper
42 100
74 180.8 154.3 231.5
44 6.4 6.2 9.4

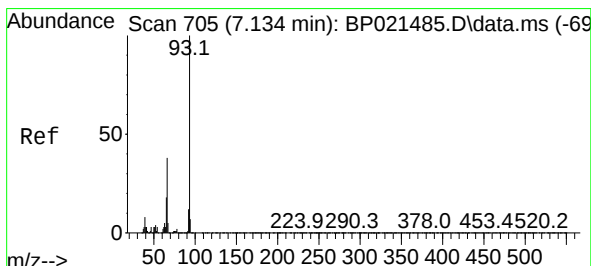
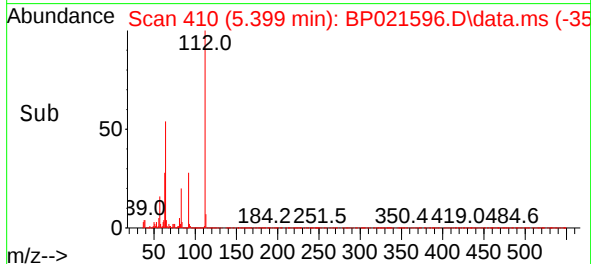
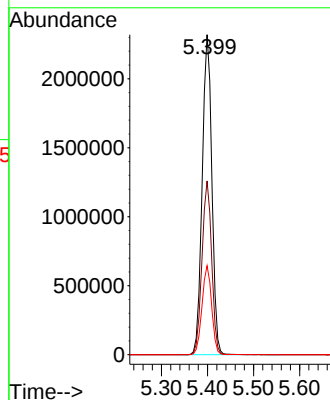
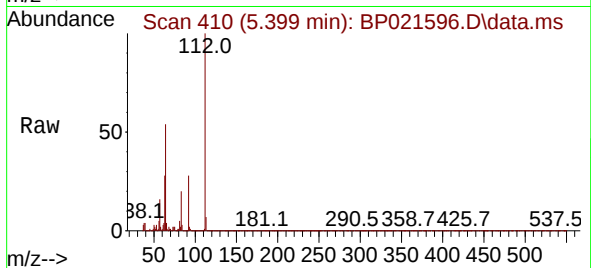




#5
2-Fluorophenol
Concen: 131.843 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

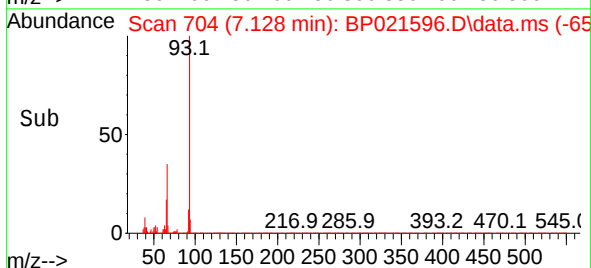
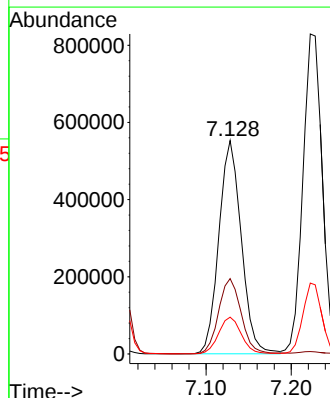
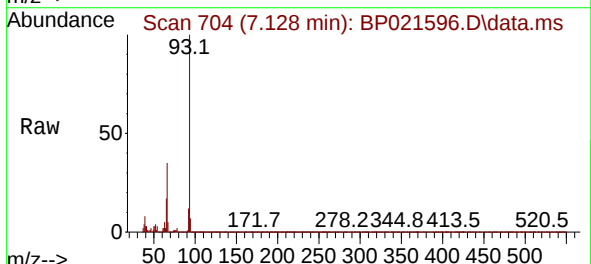
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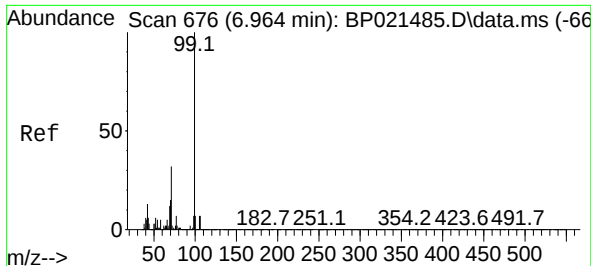
Tgt Ion:112 Resp: 3393745
Ion Ratio Lower Upper
112 100
64 54.3 49.0 73.6
63 27.8 24.6 36.8



#6
Aniline
Concen: 26.886 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 93 Resp: 1009293
Ion Ratio Lower Upper
93 100
66 35.3 30.2 45.2
65 17.2 14.7 22.1

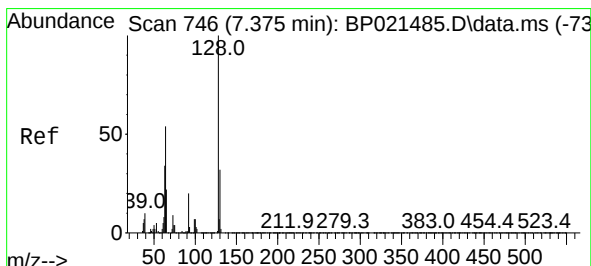
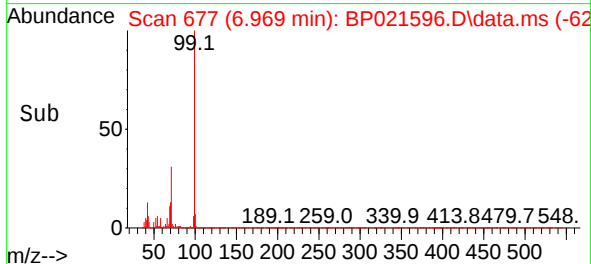
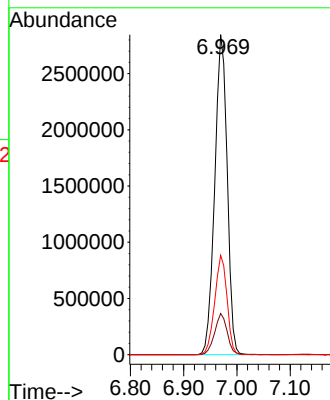
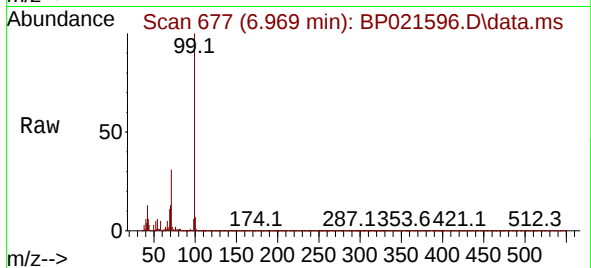




#7
Phenol-d6
Concen: 122.964 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

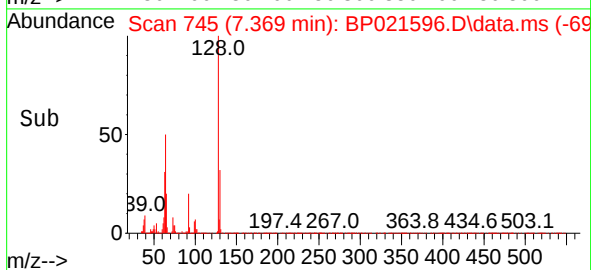
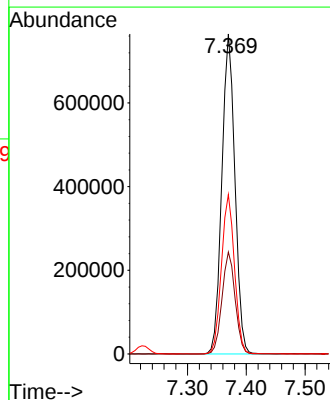
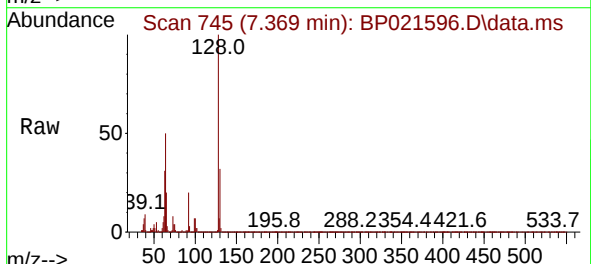
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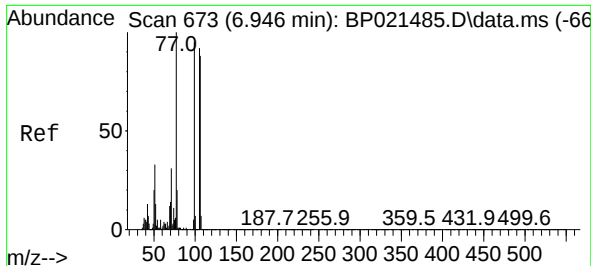
Tgt Ion: 99 Resp: 4617277
Ion Ratio Lower Upper
99 100
42 12.9 10.2 15.4
71 31.1 25.8 38.8



#8
2-Chlorophenol
Concen: 49.695 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 128 Resp: 1182127
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 49.8 35.3 75.3

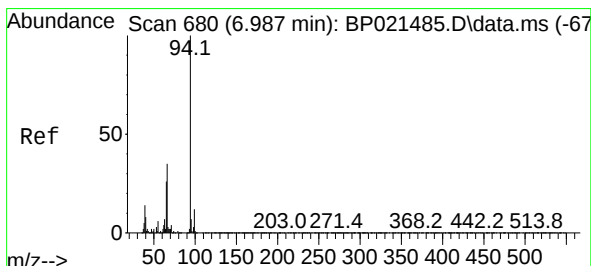
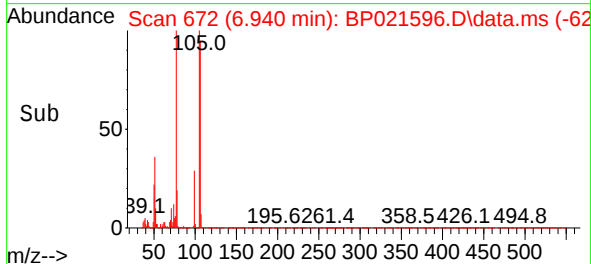
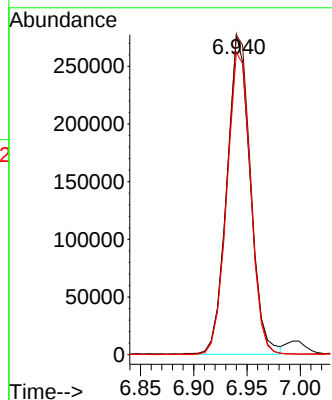
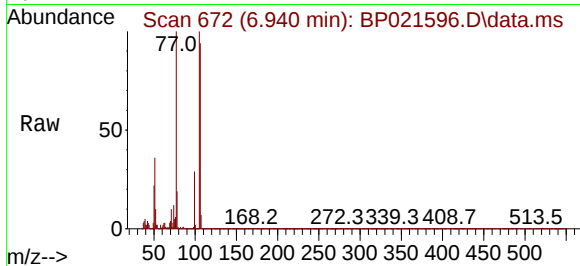




#9
Benzaldehyde
Concen: 17.539 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

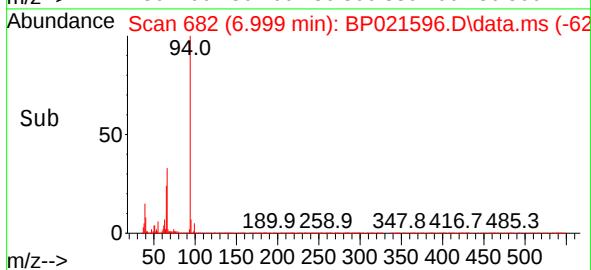
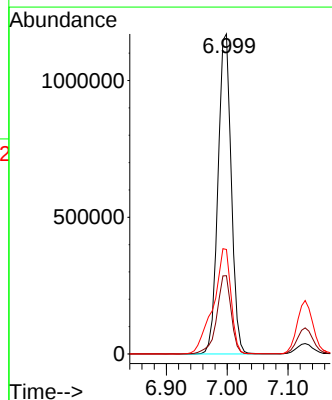
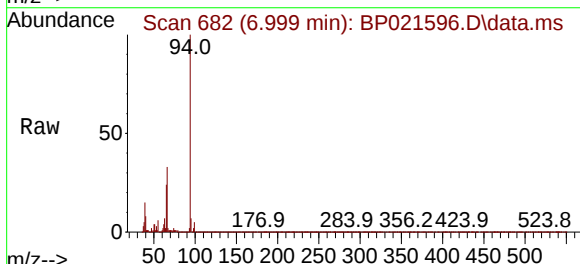
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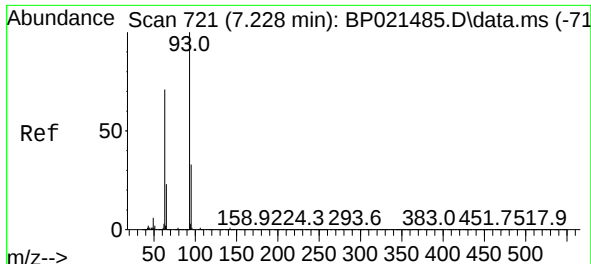
Tgt Ion: 77 Resp: 421687
Ion Ratio Lower Upper
77 100
105 99.9 72.1 112.1
106 94.5 67.9 107.9



#10
Phenol
Concen: 45.352 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 94 Resp: 1763452
Ion Ratio Lower Upper
94 100
65 24.4 6.5 46.5
66 32.7 14.7 54.7

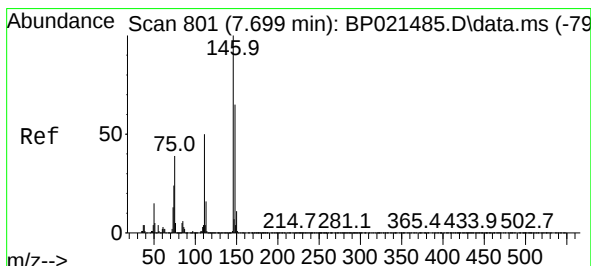
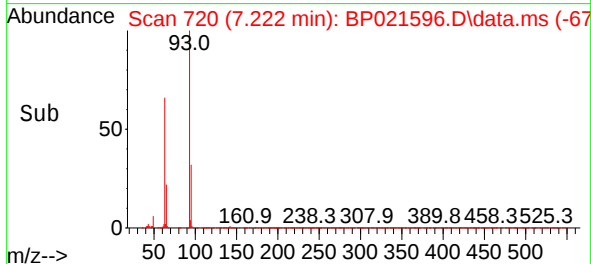
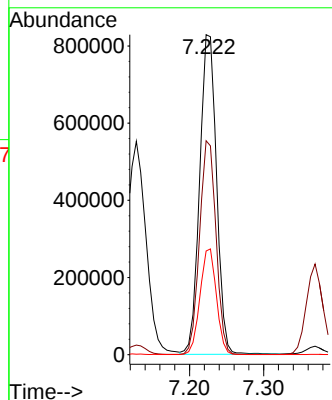
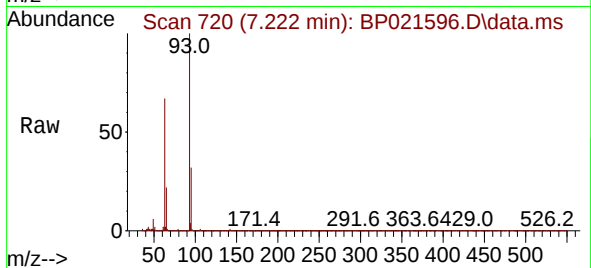




#11
bis(2-Chloroethyl)ether
Concen: 39.798 ng
RT: 7.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

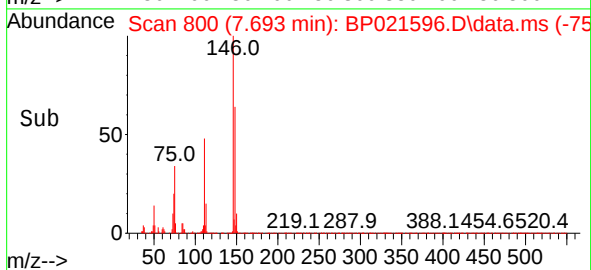
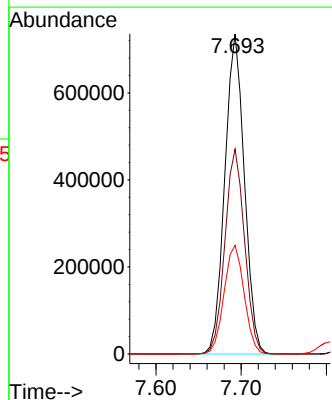
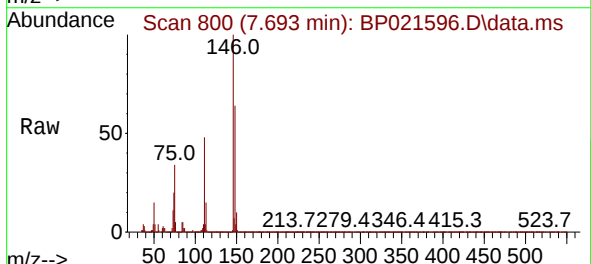
Instrument :
BNA_P
ClientSampleId :
PB162717BS

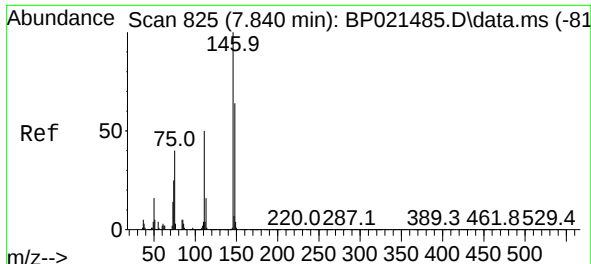
Tgt Ion: 93 Resp: 1309449
Ion Ratio Lower Upper
93 100
63 66.9 51.0 91.0
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.546 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:146 Resp: 1173922
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 34.0 31.3 46.9

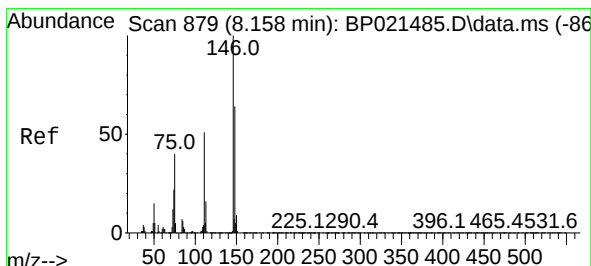
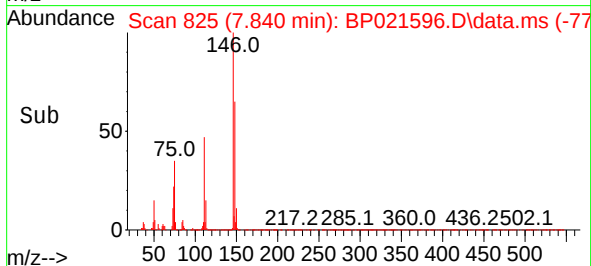
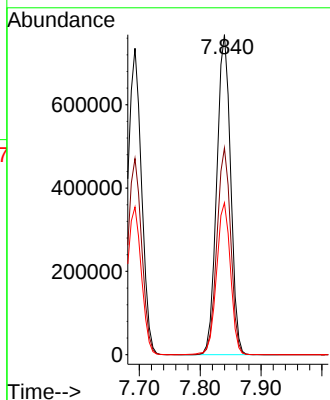
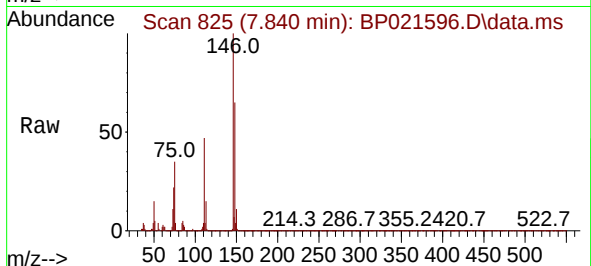




#13
1,4-Dichlorobenzene
Concen: 42.394 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

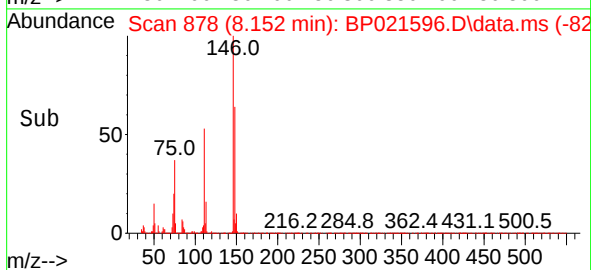
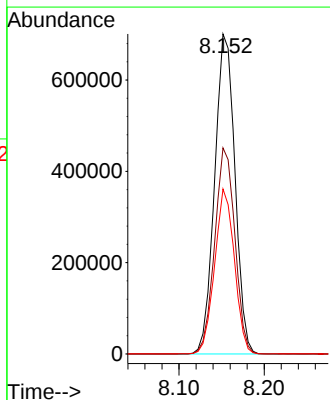
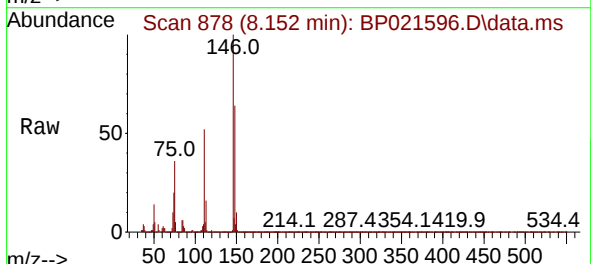
Instrument :
BNA_P
ClientSampleId :
PB162717BS

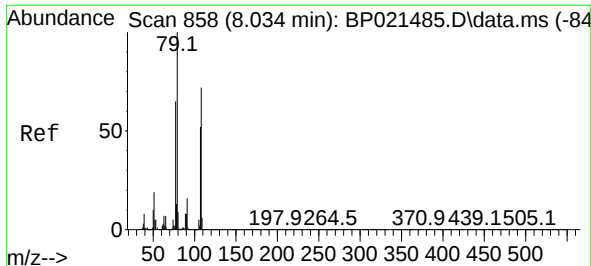
Tgt Ion:146 Resp: 1209567
Ion Ratio Lower Upper
146 100
148 64.6 51.5 77.3
111 47.4 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 42.185 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:146 Resp: 1159900
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 51.6 41.1 61.7

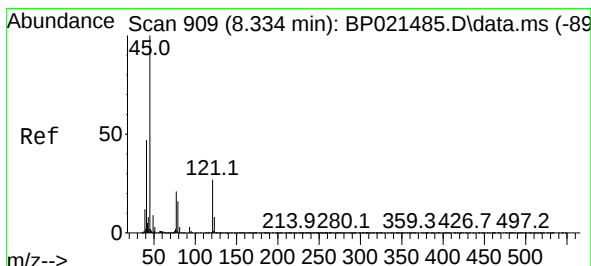
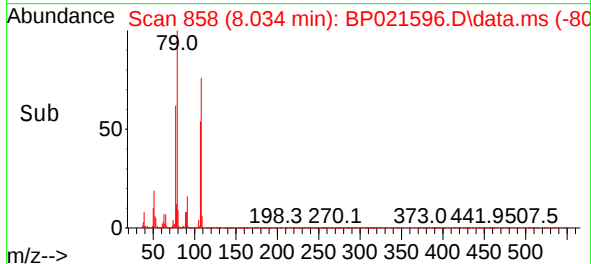
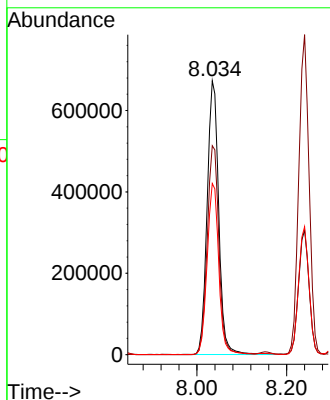
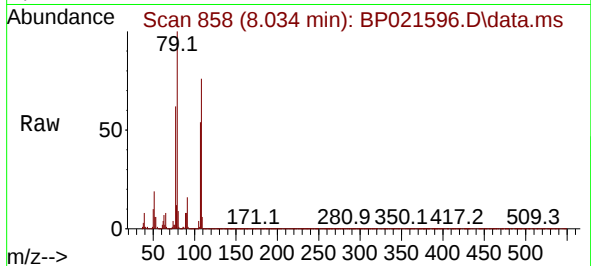




#15
Benzyl Alcohol
Concen: 44.606 ng
RT: 8.034 min Scan# 858
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

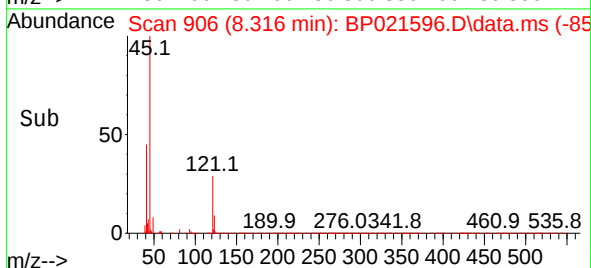
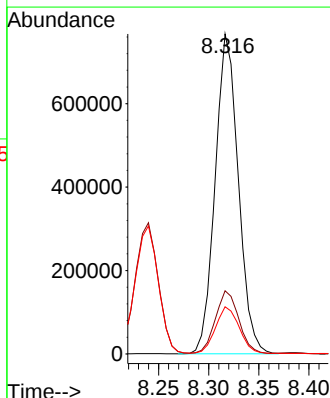
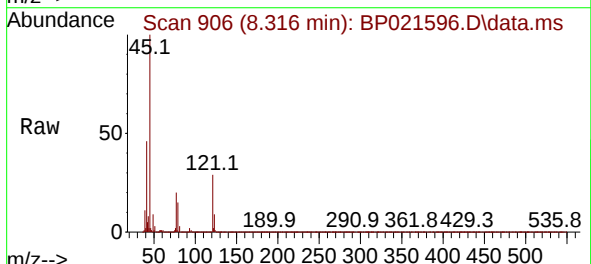
Instrument :
BNA_P
ClientSampleId :
PB162717BS

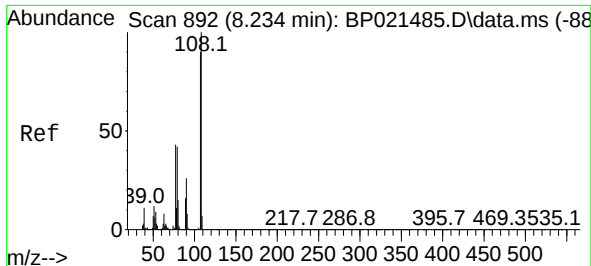
Tgt Ion: 79 Resp: 1201796
Ion Ratio Lower Upper
79 100
108 76.3 57.9 86.9
77 62.5 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.689 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.018 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 45 Resp: 1232878
Ion Ratio Lower Upper
45 100
77 19.7 1.9 41.9
79 14.8 0.0 36.6

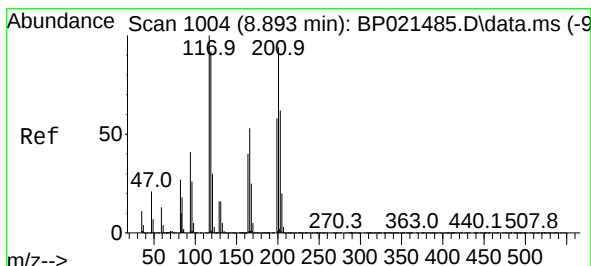
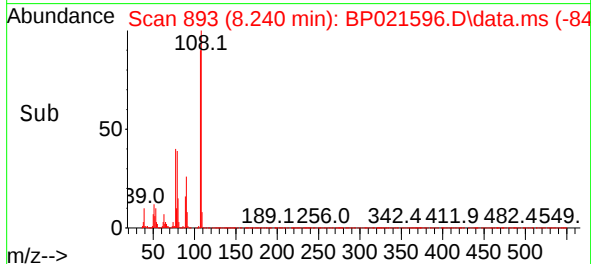
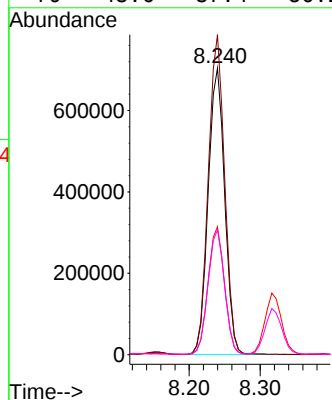
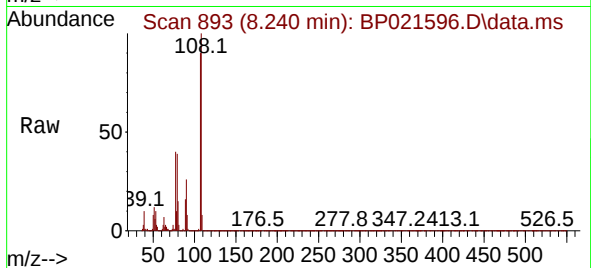




#17
2-Methylphenol
Concen: 46.330 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

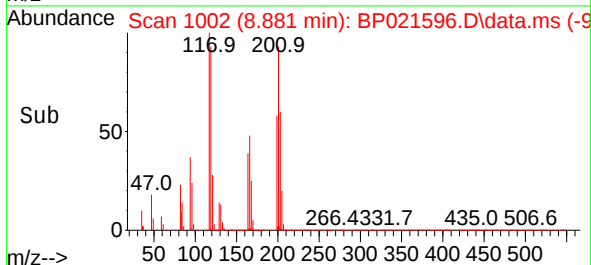
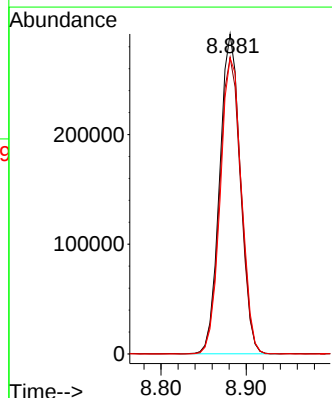
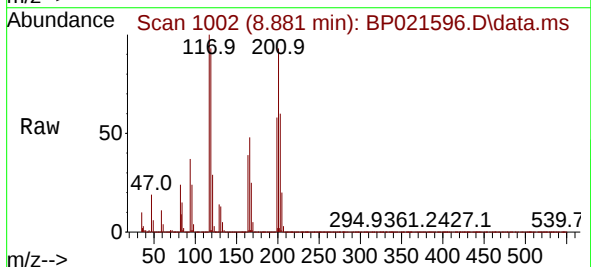
Instrument :
BNA_P
ClientSampleId :
PB162717BS

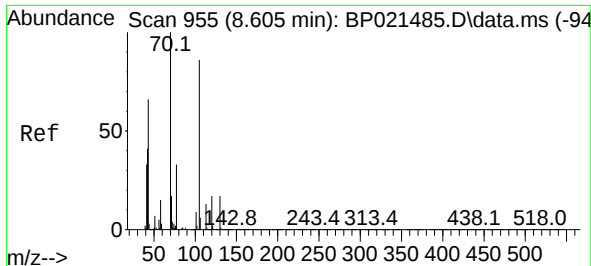
Tgt Ion:107 Resp: 1138874
Ion Ratio Lower Upper
107 100
108 111.7 88.8 133.2
77 44.7 38.7 58.1
79 43.6 37.4 56.2



#18
Hexachloroethane
Concen: 43.160 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:117 Resp: 493810
Ion Ratio Lower Upper
117 100
119 92.6 73.9 110.9
201 92.5 74.9 112.3



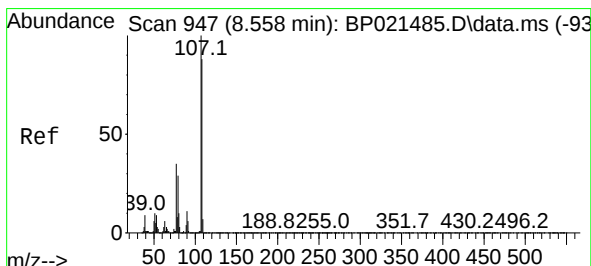
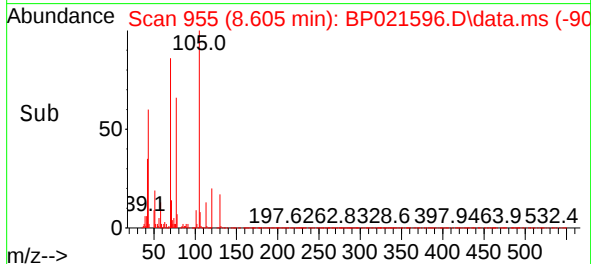
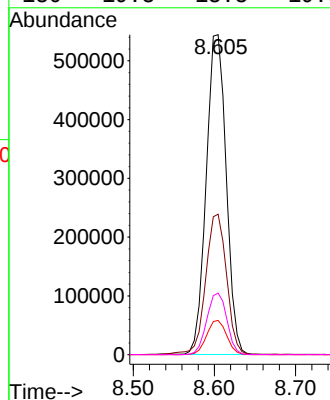
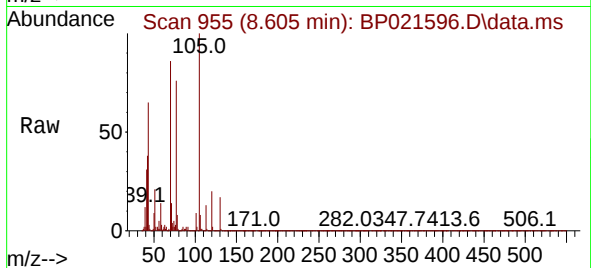


#19
n-Nitroso-di-n-propylamine
Concen: 35.819 ng
RT: 8.605 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion: 70 Resp: 929078

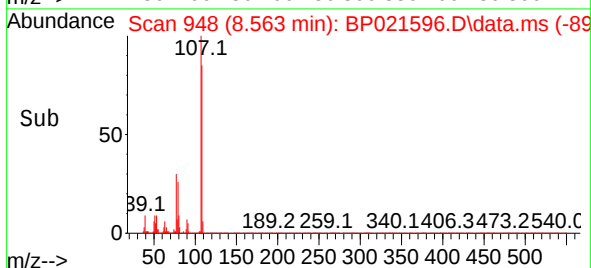
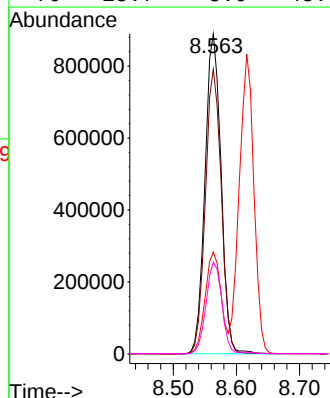
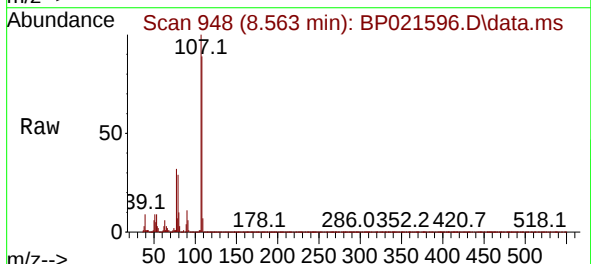
Ion	Ratio	Lower	Upper
70	100		
42	43.9	33.1	49.7
101	10.7	7.4	11.2
130	19.3	13.3	19.9

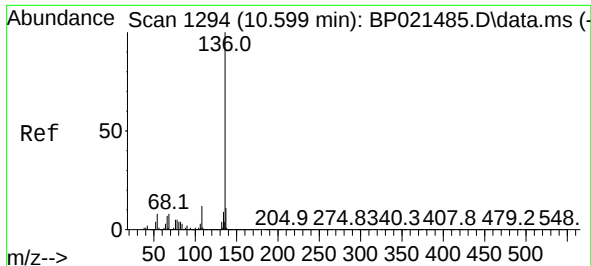


#20
3+4-Methylphenols
Concen: 47.371 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 107 Resp: 1570147

Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.6	107.6
77	31.9	15.0	55.0
79	28.7	8.9	48.9

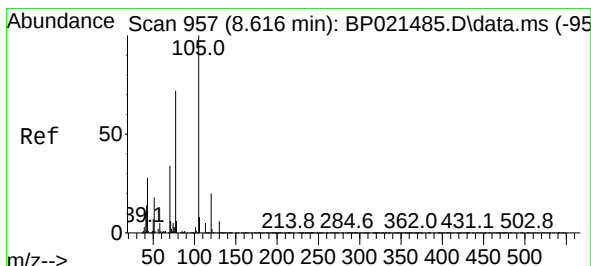
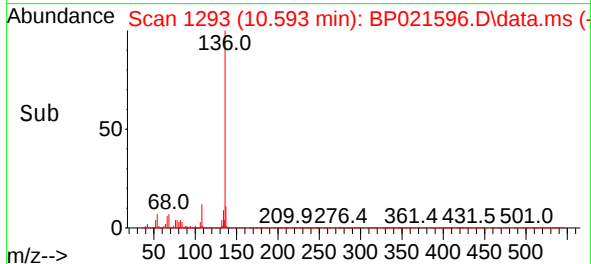
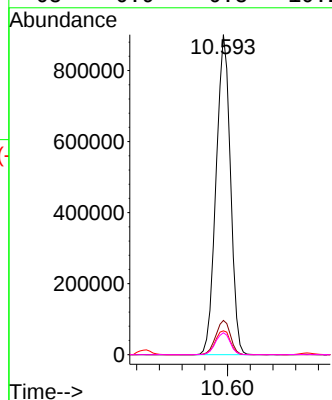
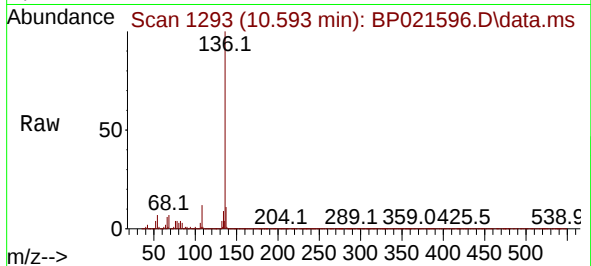




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

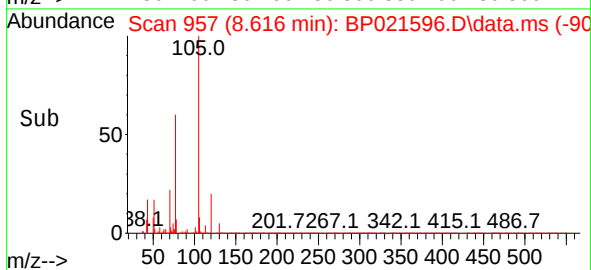
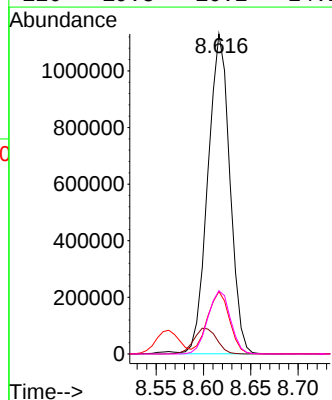
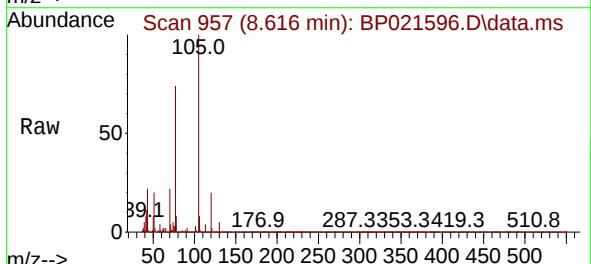
Instrument :
BNA_P
ClientSampleId :
PB162717BS

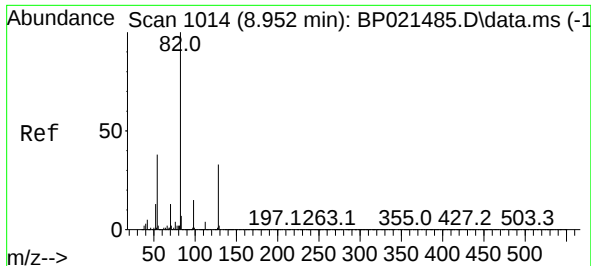
Tgt Ion:136 Resp: 1575046
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.4 6.3 9.5
68 6.9 6.8 10.2



#22
Acetophenone
Concen: 37.575 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:105 Resp: 1818142
Ion Ratio Lower Upper
105 100
71 3.6 4.6 7.0#
51 19.6 16.3 24.5
120 19.8 16.2 24.2





#23

Nitrobenzene-d5

Concen: 88.803 ng

RT: 8.952 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

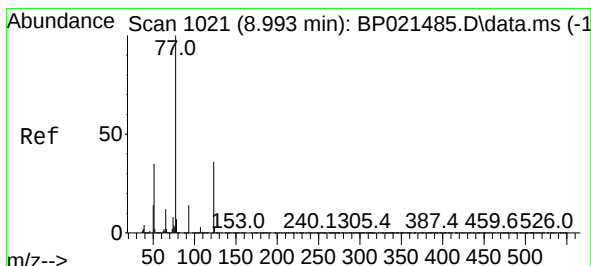
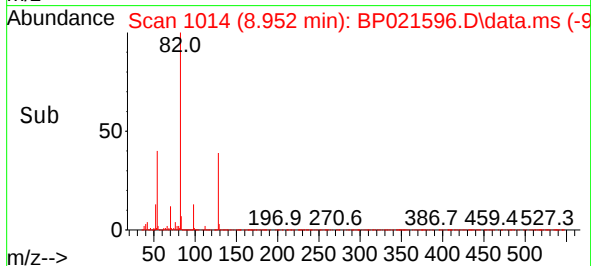
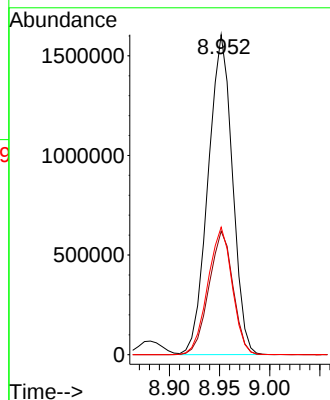
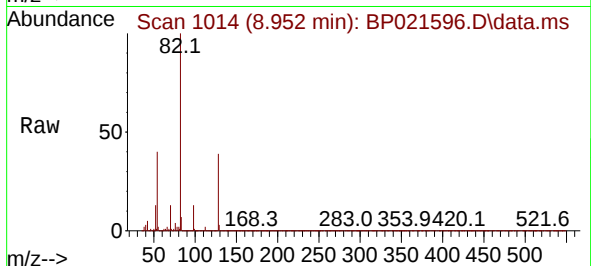
Tgt Ion: 82 Resp: 2709858

Ion Ratio Lower Upper

82 100

128 38.6 26.5 39.7

54 39.9 30.3 45.5



#24

Nitrobenzene

Concen: 42.453 ng

RT: 8.993 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

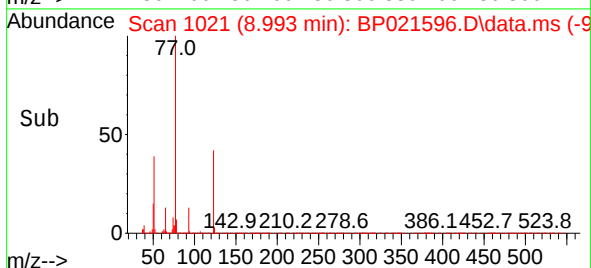
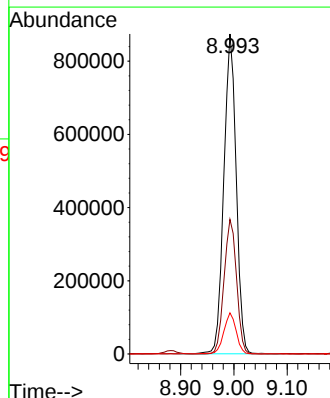
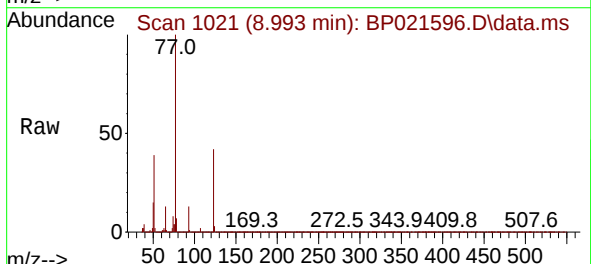
Tgt Ion: 77 Resp: 1407014

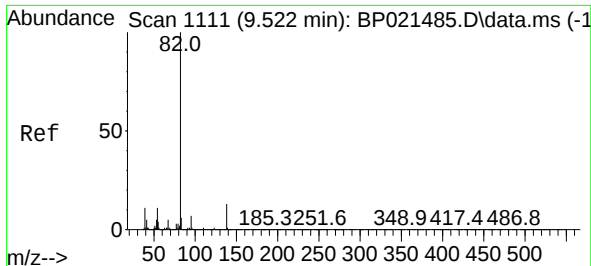
Ion Ratio Lower Upper

77 100

123 42.1 29.5 44.3

65 12.8 9.9 14.9

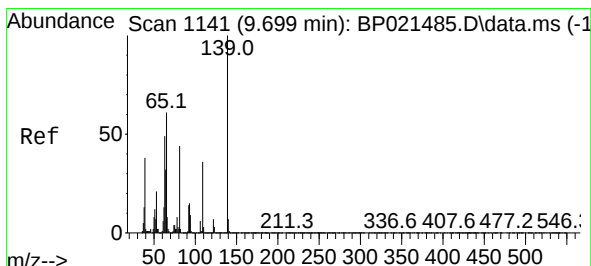
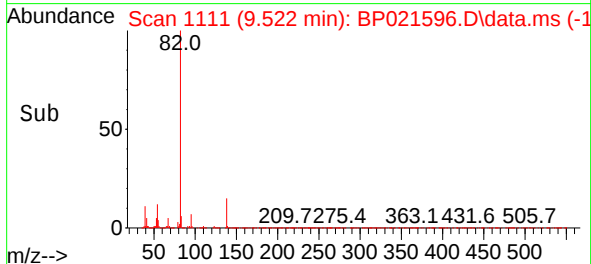
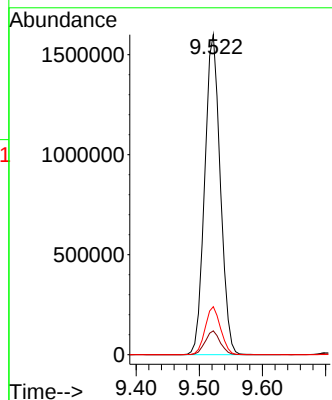
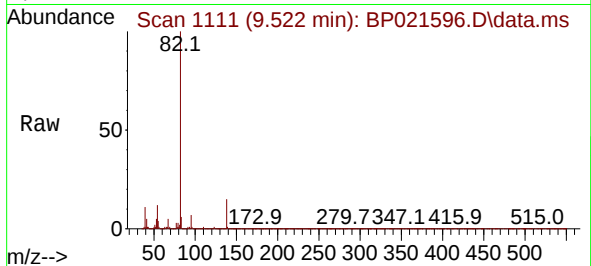




#25
Isophorone
Concen: 38.005 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

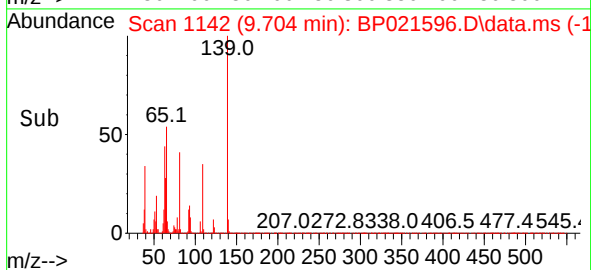
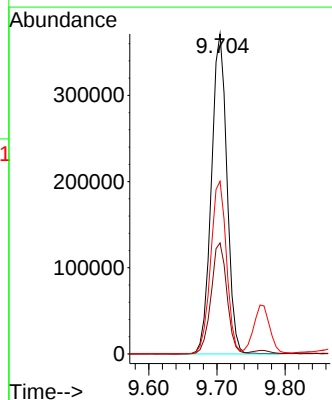
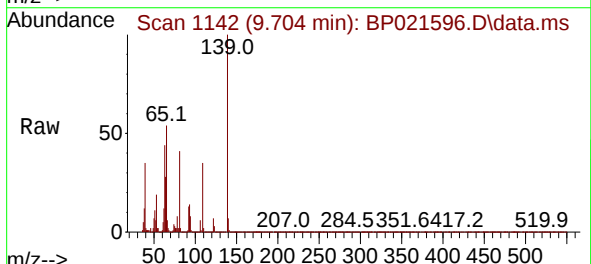
Instrument :
BNA_P
ClientSampleId :
PB162717BS

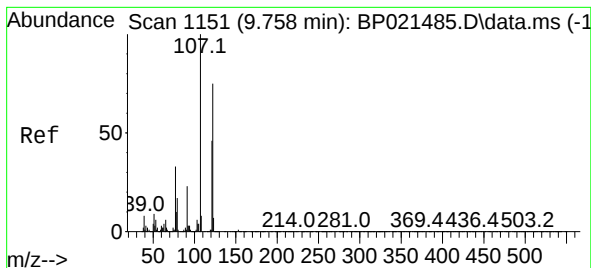
Tgt Ion: 82 Resp: 2739777
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 15.0 10.6 16.0



#26
2-Nitrophenol
Concen: 61.505 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 139 Resp: 589121
Ion Ratio Lower Upper
139 100
109 34.7 28.9 43.3
65 54.0 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 50.352 ng

RT: 9.769 min Scan# 1151

Delta R.T. 0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

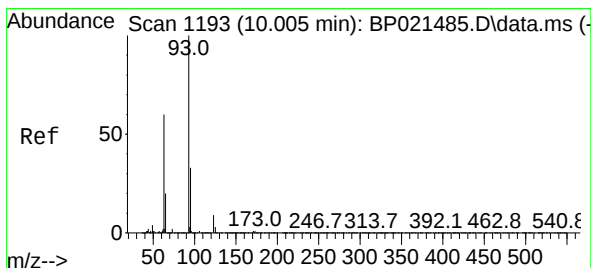
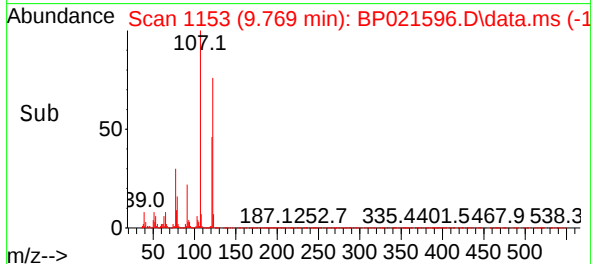
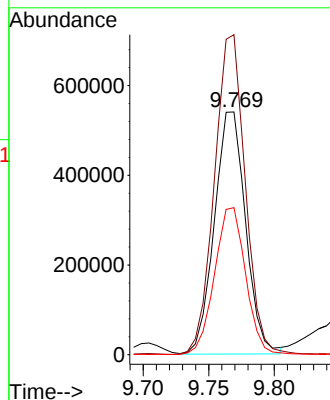
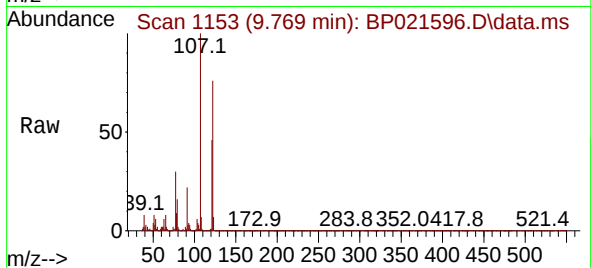
Tgt Ion:122 Resp: 895823

Ion Ratio Lower Upper

122 100

107 131.8 106.2 159.4

121 60.6 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.771 ng

RT: 9.999 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

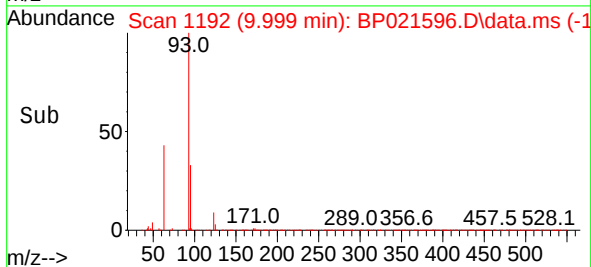
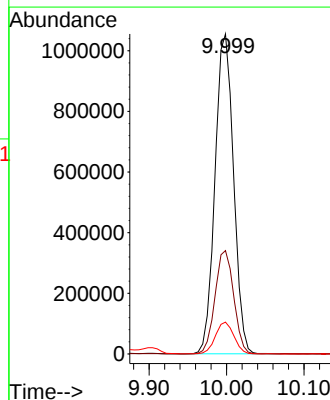
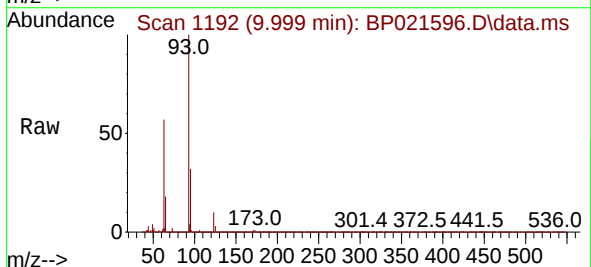
Tgt Ion: 93 Resp: 1750150

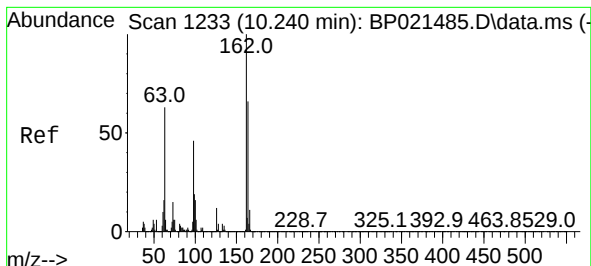
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

123 10.0 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 52.612 ng

RT: 10.240 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

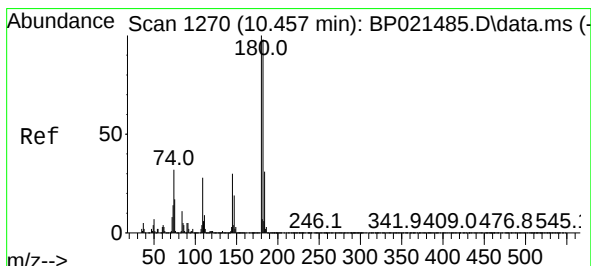
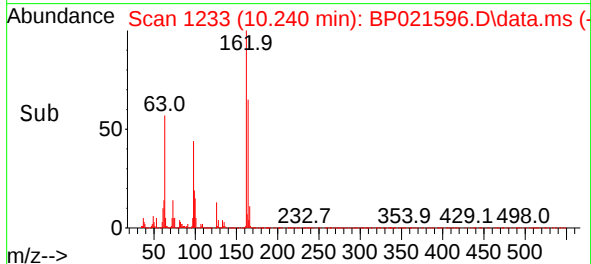
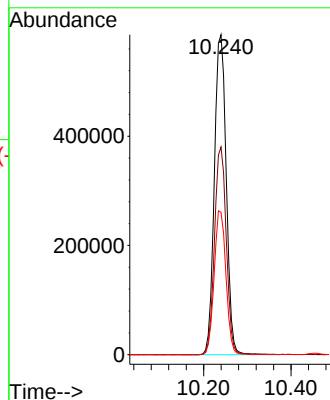
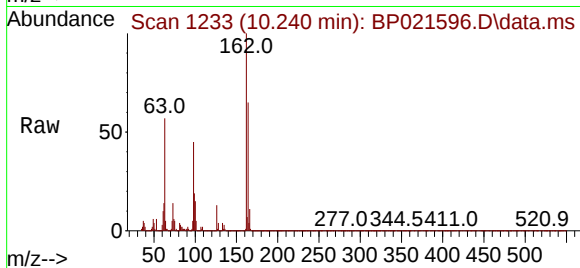
Tgt Ion:162 Resp: 1105942

Ion Ratio Lower Upper

162 100

164 64.9 45.9 85.9

98 44.5 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 41.468 ng

RT: 10.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

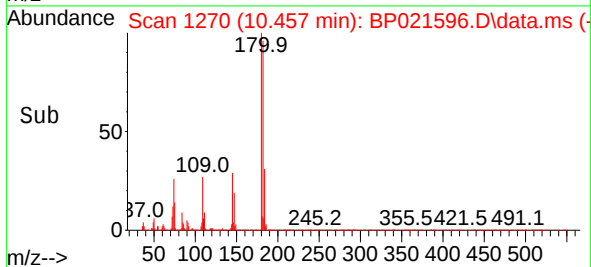
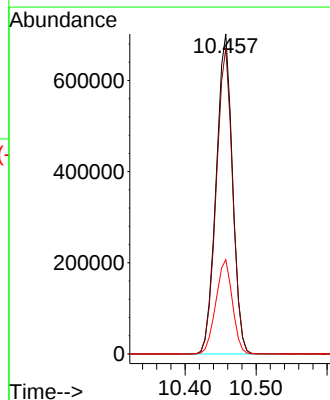
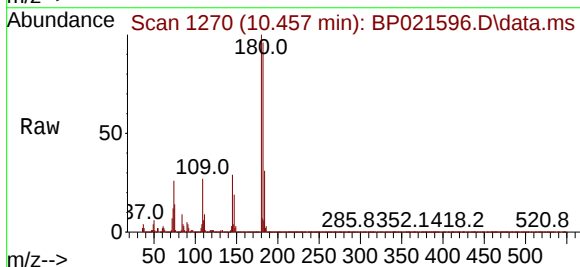
Tgt Ion:180 Resp: 1117565

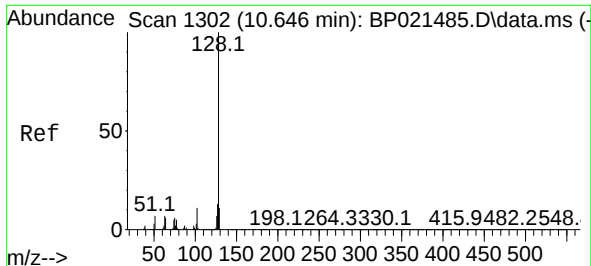
Ion Ratio Lower Upper

180 100

182 95.7 78.3 117.5

145 29.4 24.0 36.0

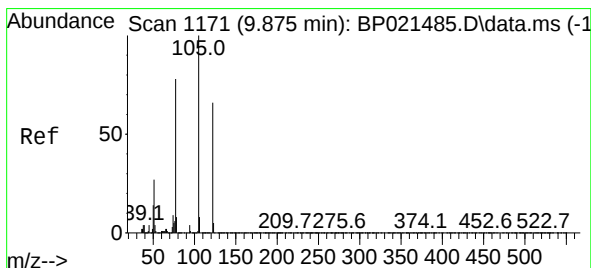
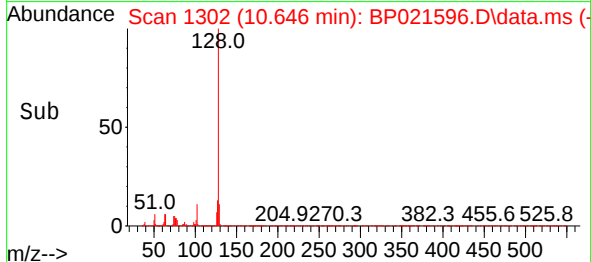
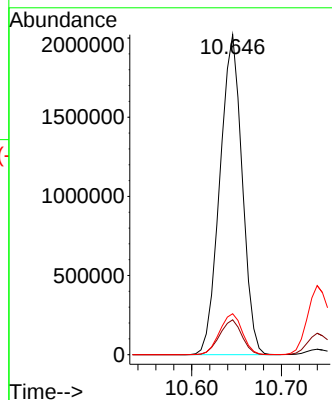
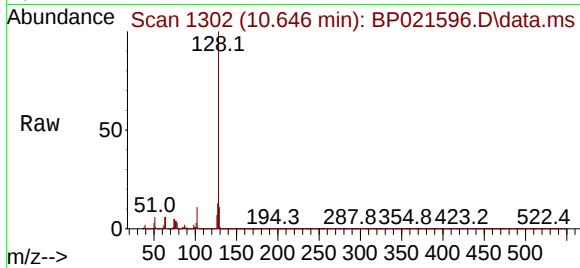




#31
Naphthalene
Concen: 42.304 ng
RT: 10.646 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

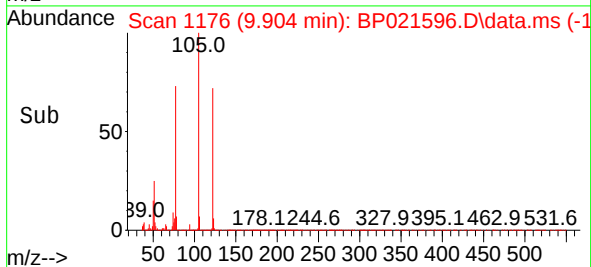
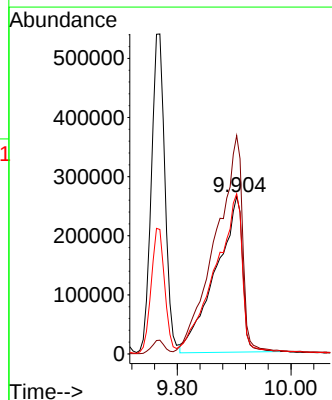
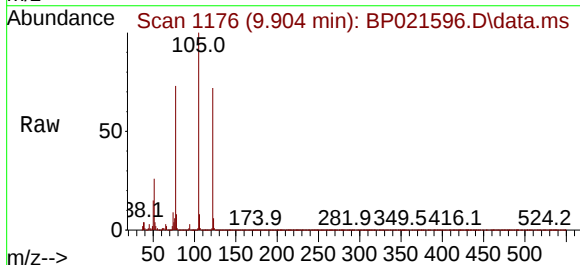
Instrument :
BNA_P
ClientSampleId :
PB162717BS

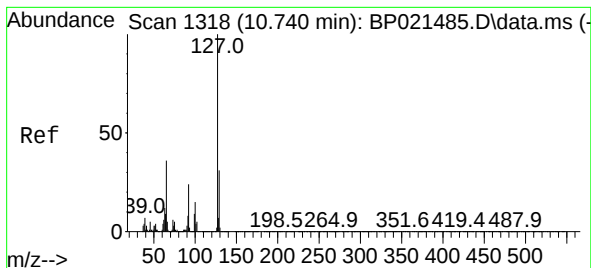
Tgt Ion:128 Resp: 3480847
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 64.569 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:122 Resp: 859892
Ion Ratio Lower Upper
122 100
105 138.6 124.6 164.6
77 101.7 96.2 136.2





#33

4-Chloroaniline

Concen: 25.139 ng

RT: 10.740 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

Tgt Ion:127 Resp: 776965

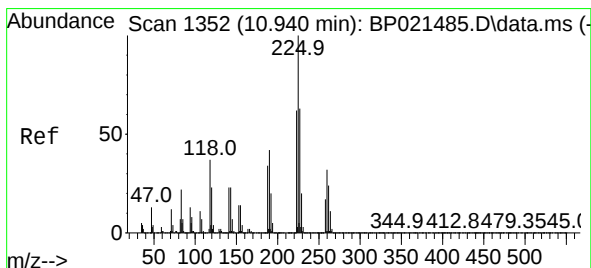
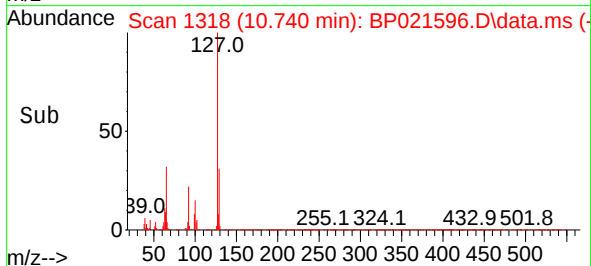
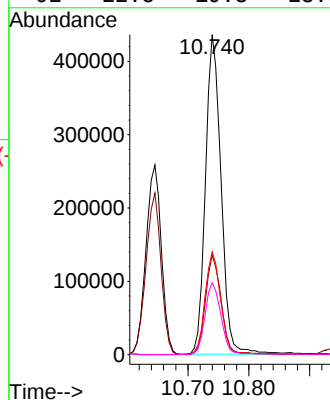
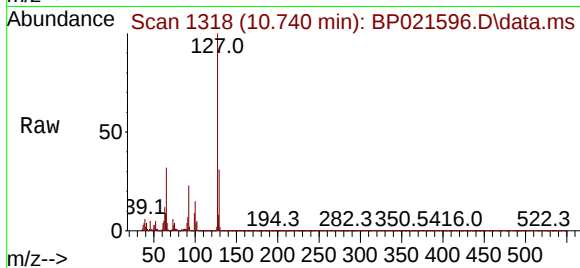
Ion Ratio Lower Upper

127 100

129 31.1 24.5 36.7

65 32.1 28.9 43.3

92 22.5 19.3 28.9



#34

Hexachlorobutadiene

Concen: 39.541 ng

RT: 10.934 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

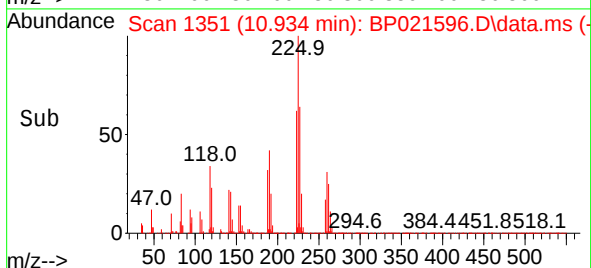
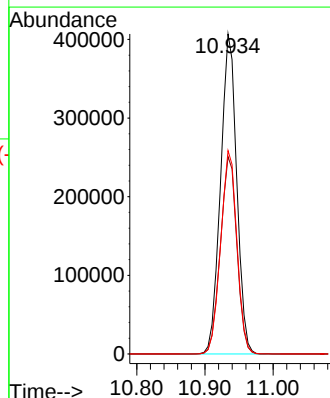
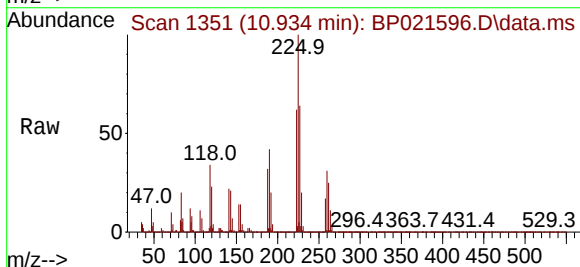
Tgt Ion:225 Resp: 670956

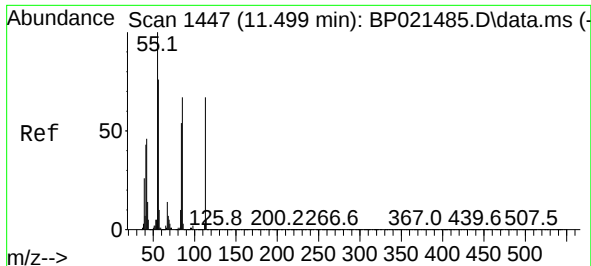
Ion Ratio Lower Upper

225 100

223 61.7 49.6 74.4

227 63.6 50.1 75.1





#35

Caprolactam

Concen: 47.432 ng

RT: 11.528 min Scan# 1447

Delta R.T. 0.029 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

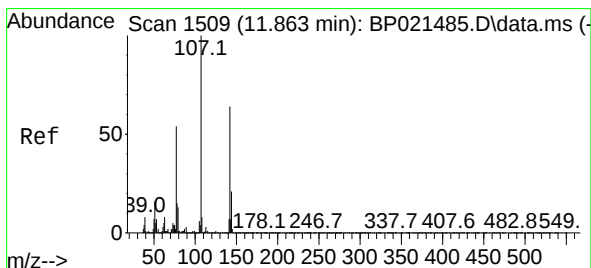
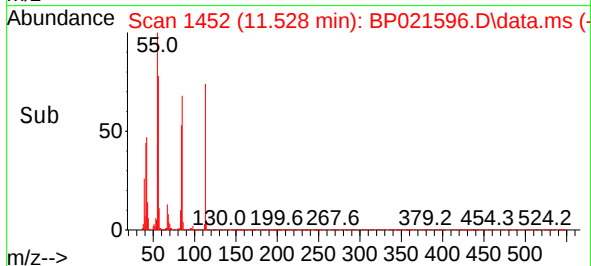
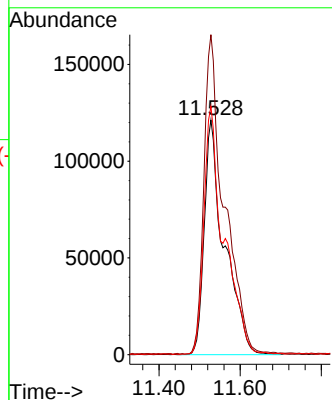
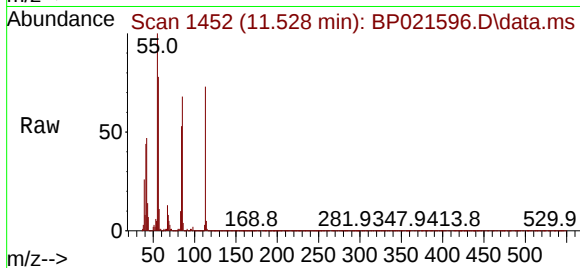
Tgt Ion:113 Resp: 415006

Ion Ratio Lower Upper

113 100

55 136.3 130.6 170.6

56 105.8 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 50.341 ng

RT: 11.875 min Scan# 1511

Delta R.T. 0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

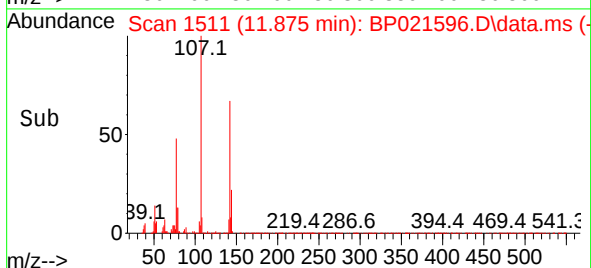
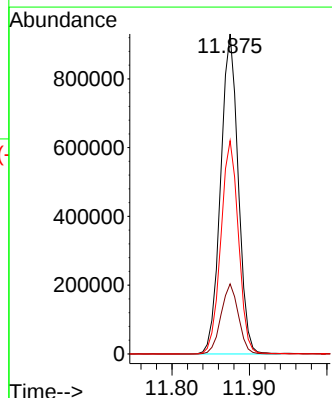
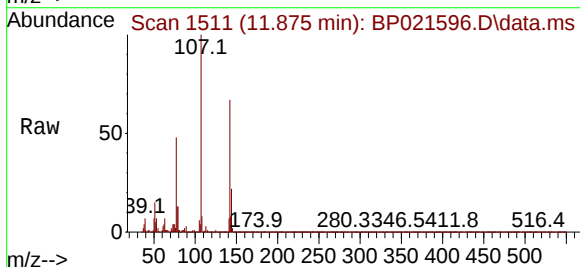
Tgt Ion:107 Resp: 1467905

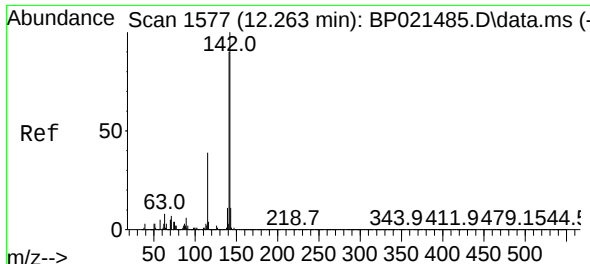
Ion Ratio Lower Upper

107 100

144 21.9 16.6 24.8

142 66.7 51.0 76.4

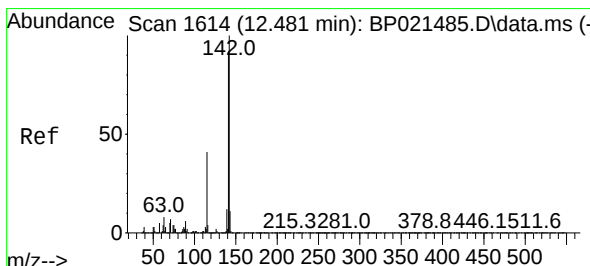
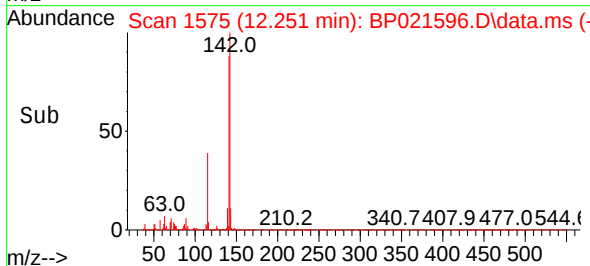
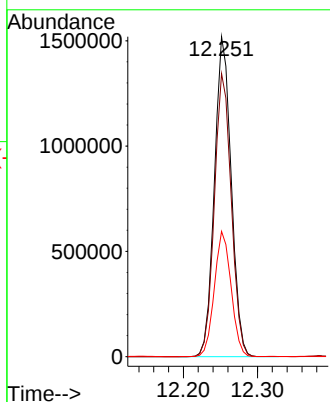
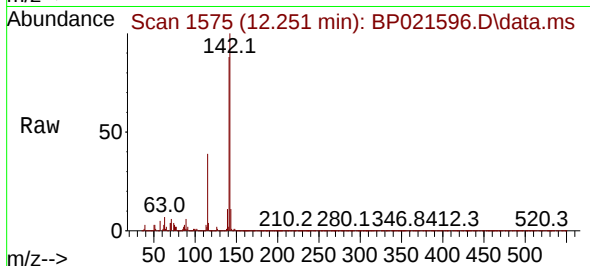




#37
2-Methylnaphthalene
Concen: 42.602 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

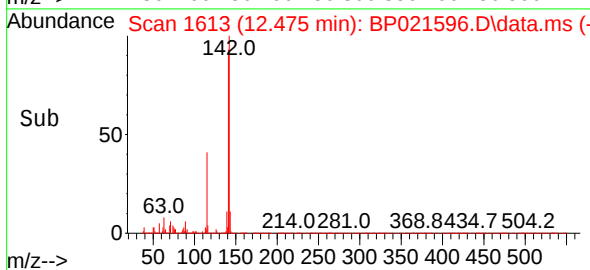
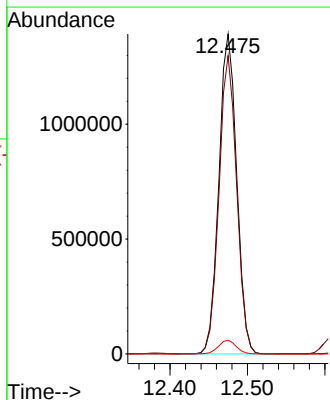
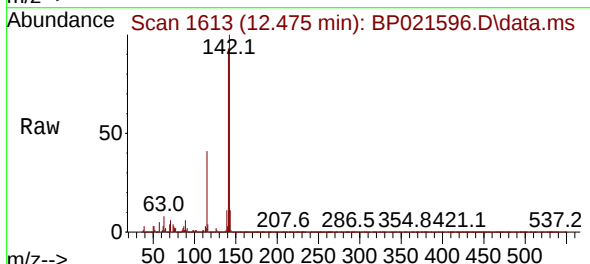
Instrument :
BNA_P
ClientSampleId :
PB162717BS

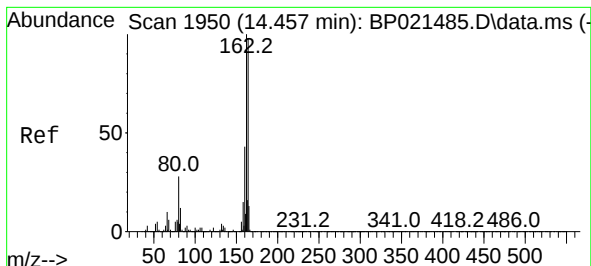
Tgt Ion:142 Resp: 2392362
Ion Ratio Lower Upper
142 100
141 88.4 71.7 107.5
115 39.1 31.4 47.2



#38
1-Methylnaphthalene
Concen: 40.294 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:142 Resp: 2231693
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

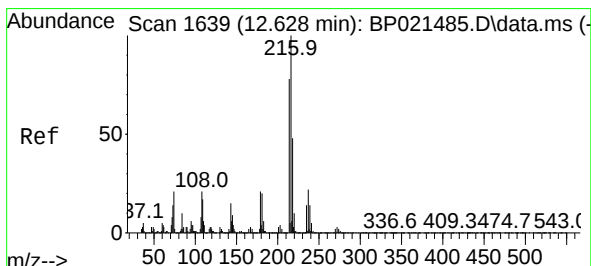
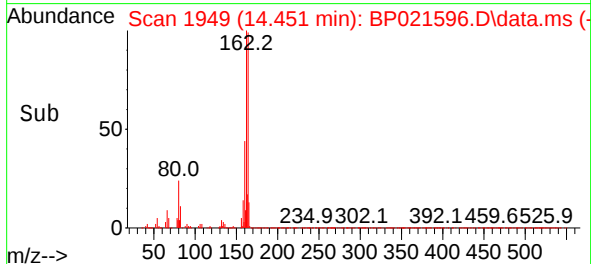
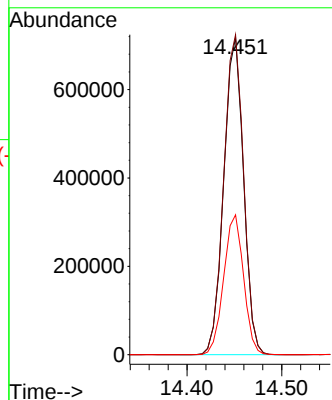
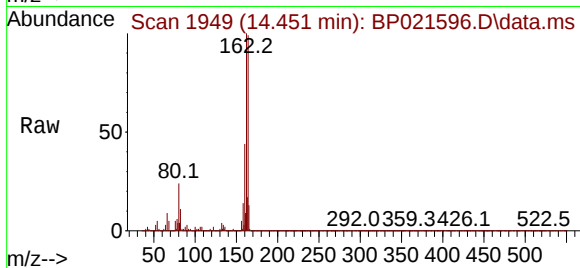
Tgt Ion:164 Resp: 1040134

Ion Ratio Lower Upper

164 100

162 100.9 81.5 122.3

160 44.1 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.286 ng

RT: 12.628 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Tgt Ion:216 Resp: 1197272

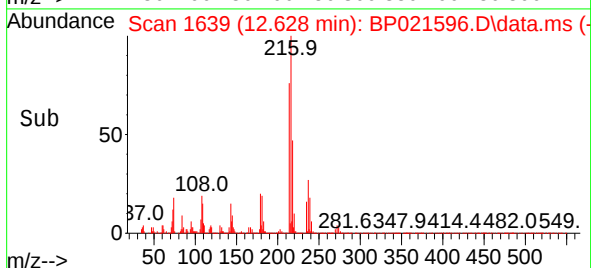
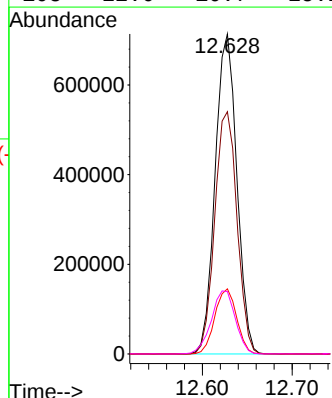
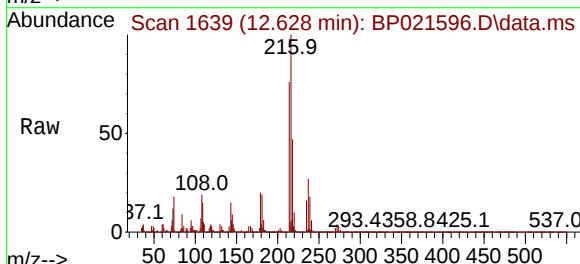
Ion Ratio Lower Upper

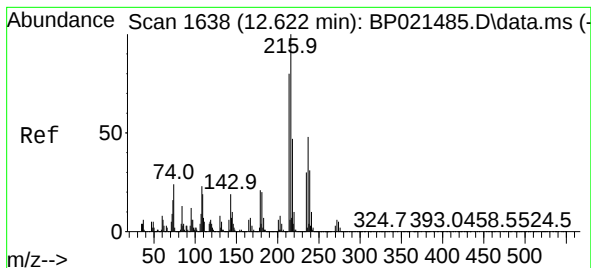
216 100

214 77.8 62.5 93.7

179 20.5 16.4 24.6

108 22.0 16.7 25.1

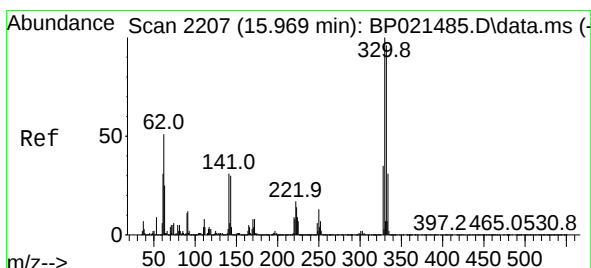
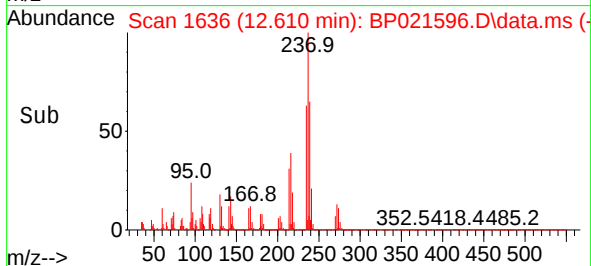
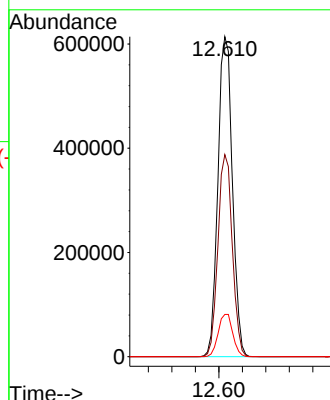
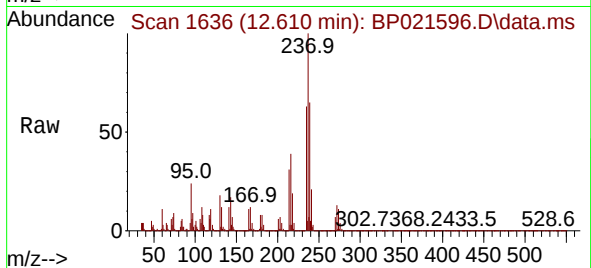




#41
Hexachlorocyclopentadiene
Concen: 108.447 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

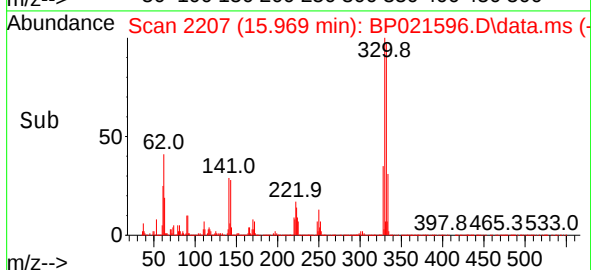
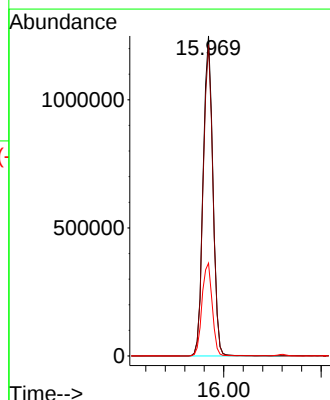
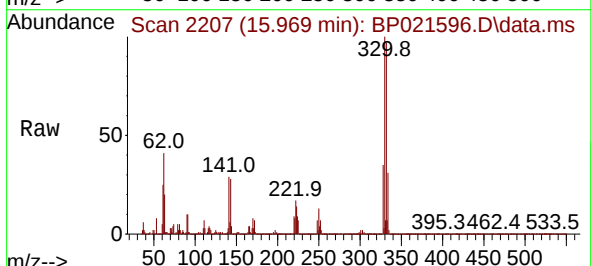
Instrument :
BNA_P
ClientSampleId :
PB162717BS

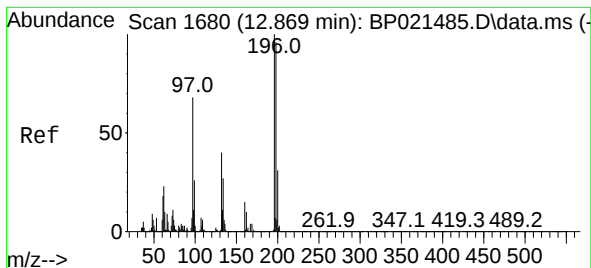
Tgt Ion:237 Resp: 1047493
Ion Ratio Lower Upper
237 100
235 63.2 43.9 83.9
272 13.2 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 149.799 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:330 Resp: 1734110
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 30.4 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 54.648 ng

RT: 12.863 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

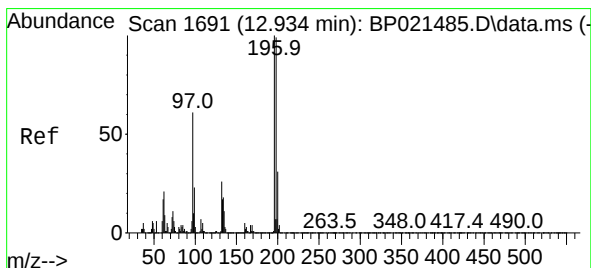
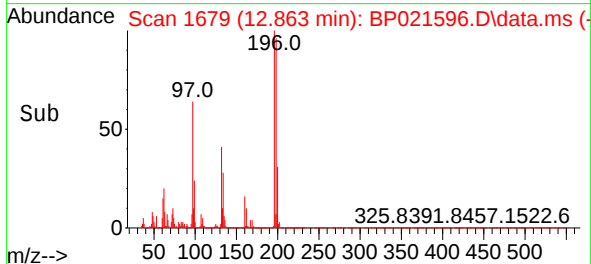
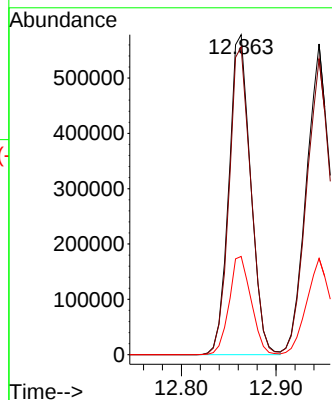
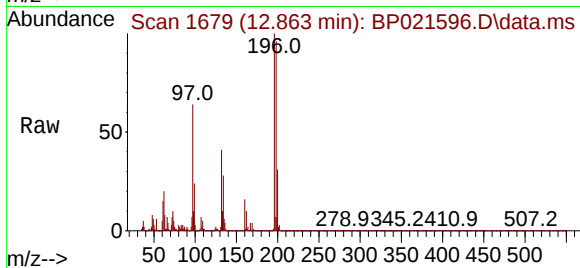
Tgt Ion:196 Resp: 925136

Ion Ratio Lower Upper

196 100

198 96.2 76.6 114.8

200 30.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 53.233 ng

RT: 12.945 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Tgt Ion:196 Resp: 1001252

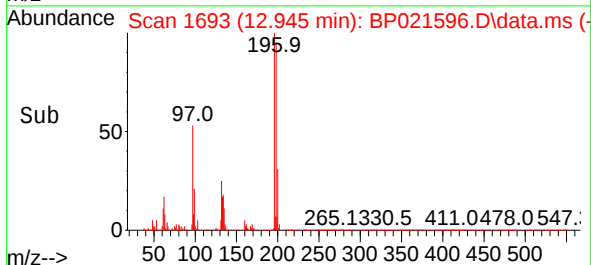
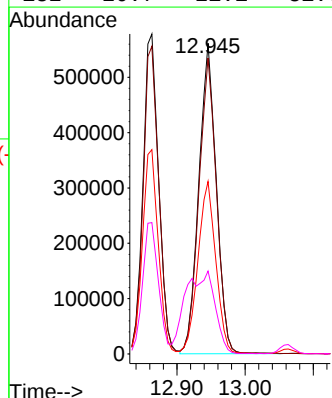
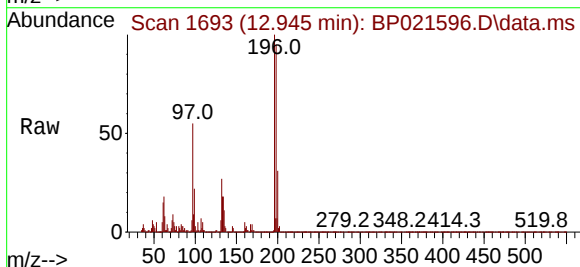
Ion Ratio Lower Upper

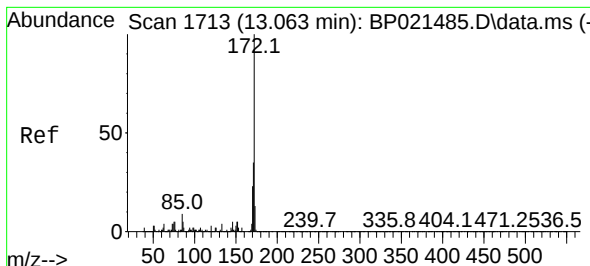
196 100

198 95.3 78.9 118.3

97 55.5 49.4 74.0

132 26.7 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 77.393 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

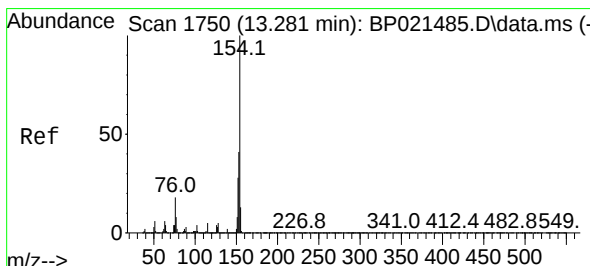
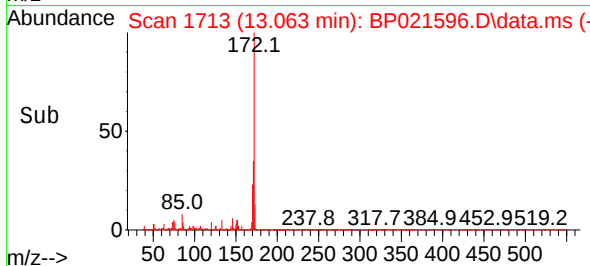
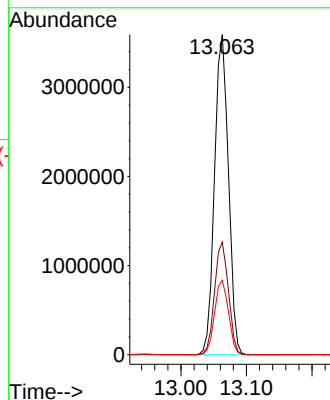
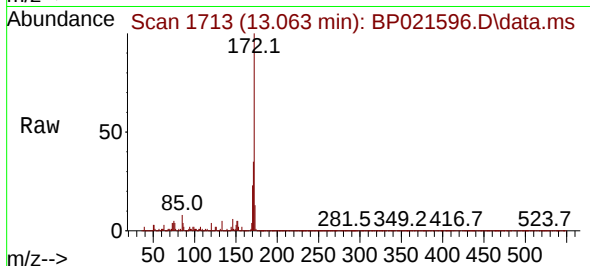
Tgt Ion:172 Resp: 5274621

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.2 18.4 27.6



#46

1,1'-Biphenyl

Concen: 39.796 ng

RT: 13.275 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

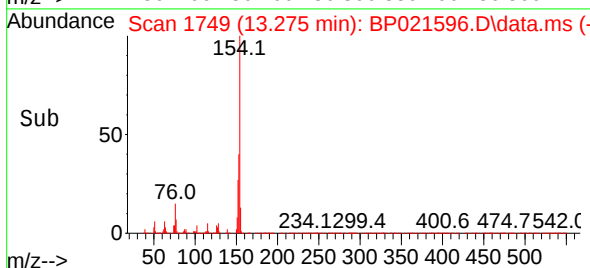
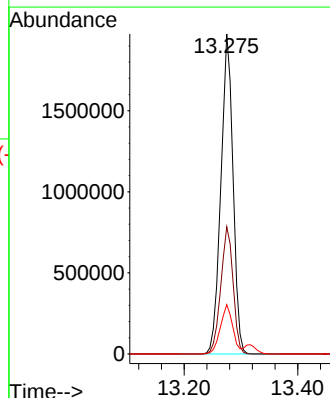
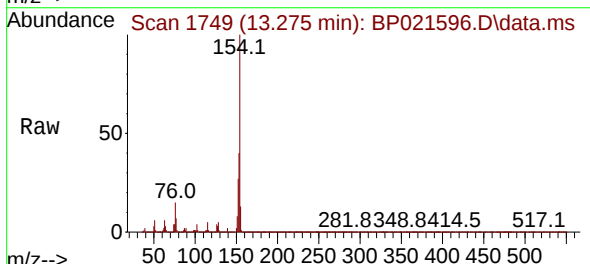
Tgt Ion:154 Resp: 2928590

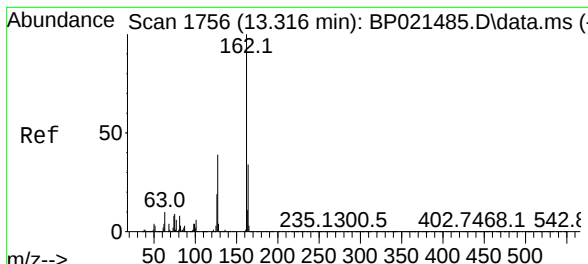
Ion Ratio Lower Upper

154 100

153 39.7 20.7 60.7

76 15.4 0.0 37.7

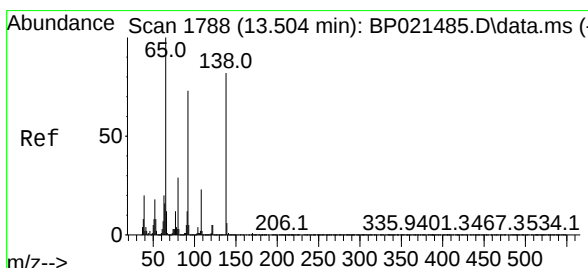
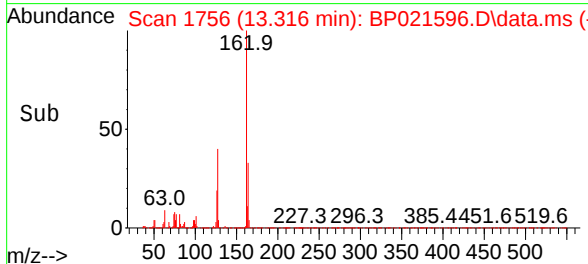
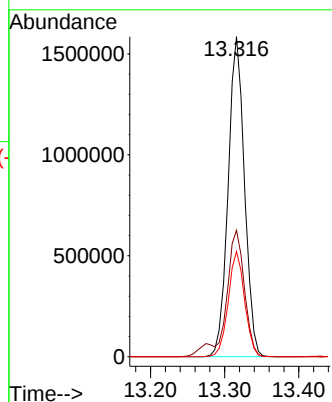
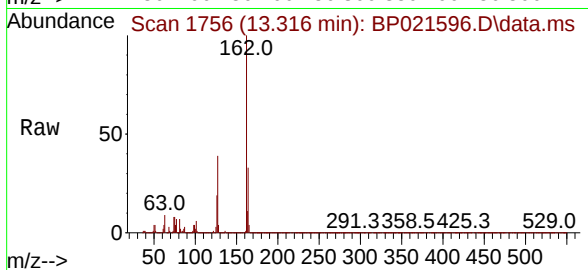




#47
2-Chloronaphthalene
Concen: 42.280 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

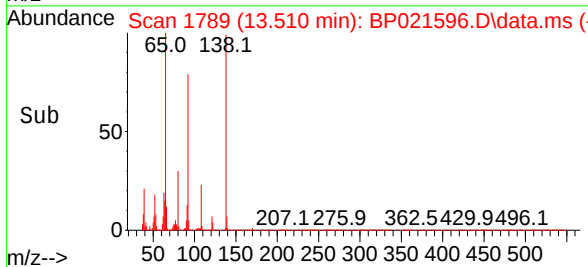
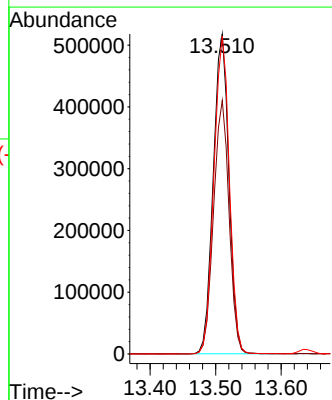
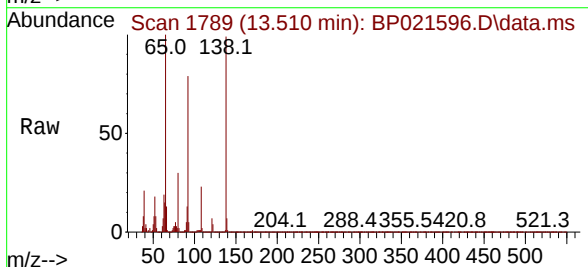
Instrument :
BNA_P
ClientSampleId :
PB162717BS

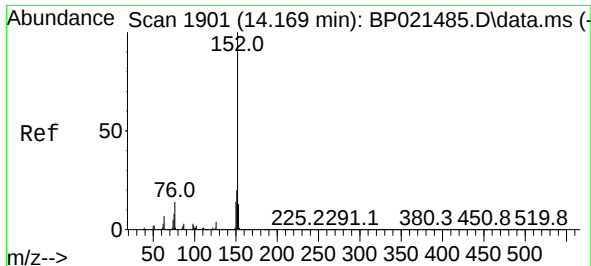
Tgt Ion:162 Resp: 2422354
Ion Ratio Lower Upper
162 100
127 39.5 31.9 47.9
164 32.9 26.8 40.2



#48
2-Nitroaniline
Concen: 52.708 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 65 Resp: 855436
Ion Ratio Lower Upper
65 100
92 79.2 58.1 87.1
138 99.3 65.5 98.3#

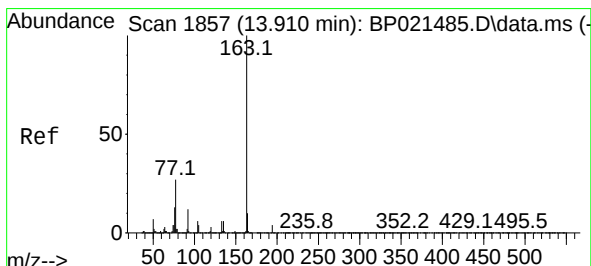
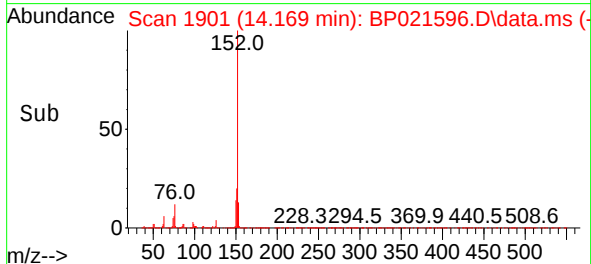
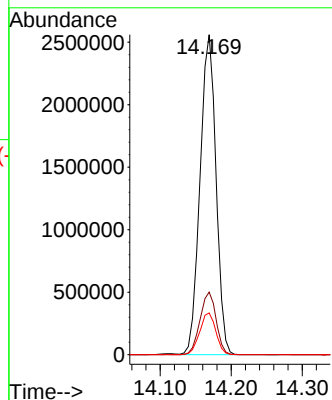
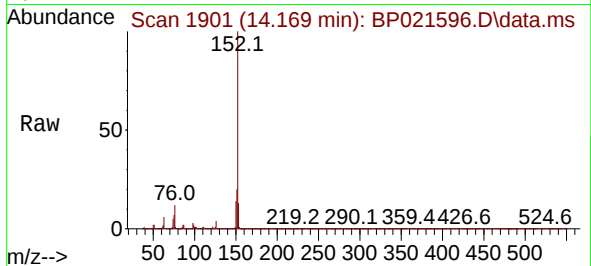




#49
Acenaphthylene
Concen: 47.645 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

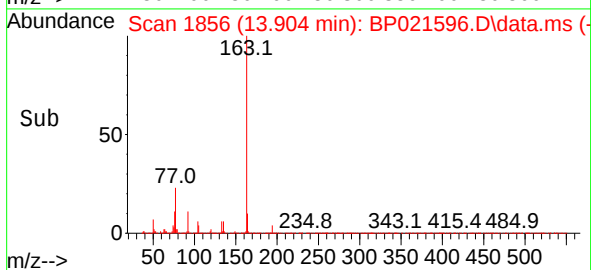
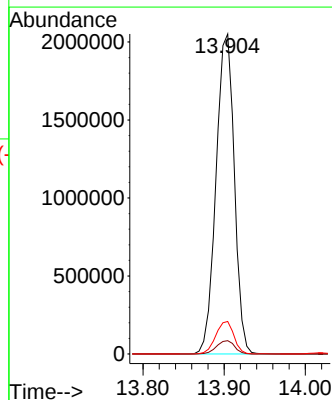
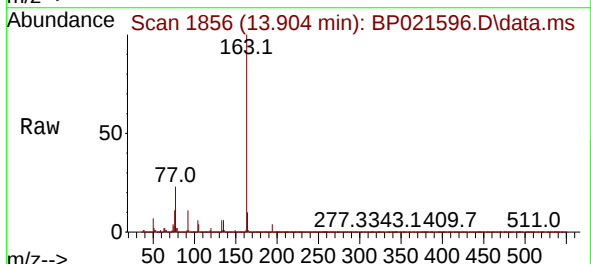
Instrument :
BNA_P
ClientSampleId :
PB162717BS

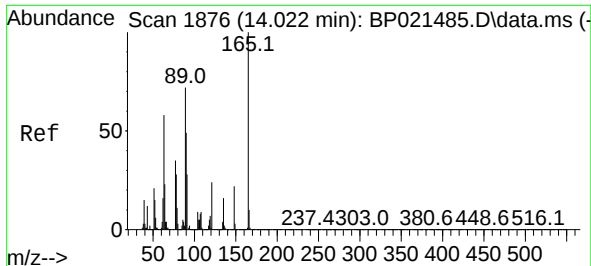
Tgt Ion:152 Resp: 4012822
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 46.084 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:163 Resp: 3210075
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.3 12.5

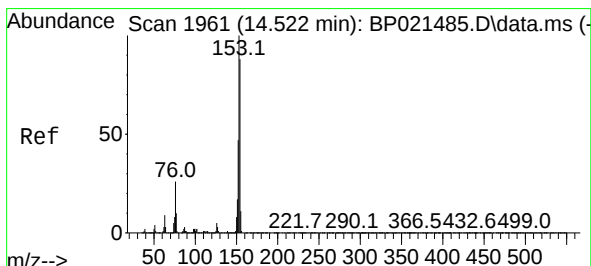
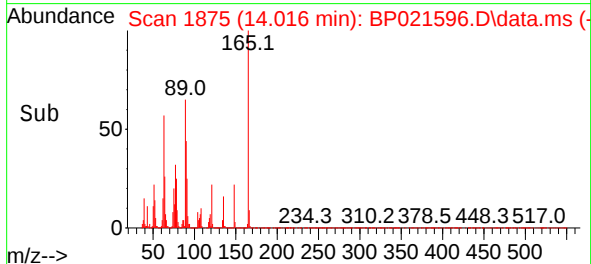
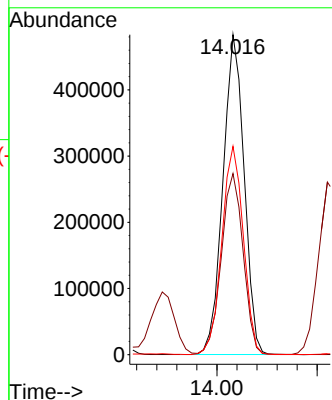
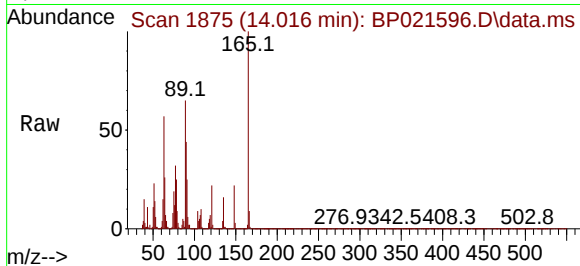




#51
2,6-Dinitrotoluene
Concen: 50.199 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

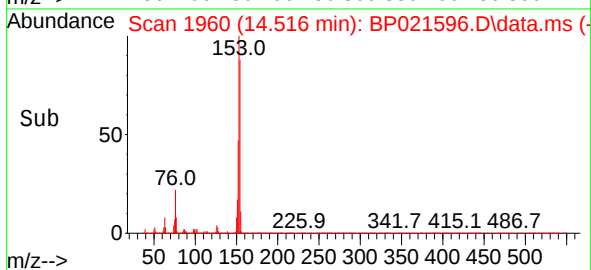
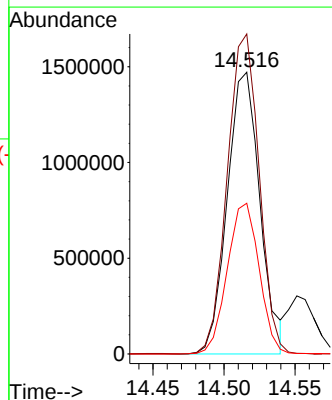
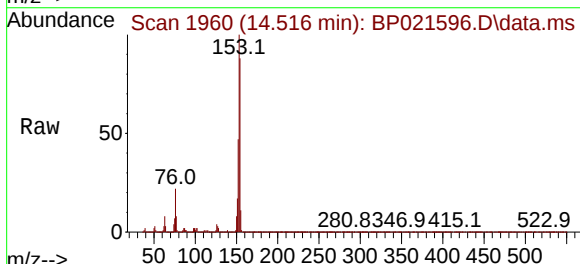
Instrument :
BNA_P
ClientSampleId :
PB162717BS

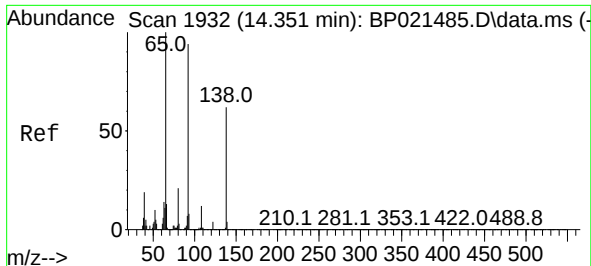
Tgt Ion:165 Resp: 708246
Ion Ratio Lower Upper
165 100
63 56.6 51.5 77.3
89 65.1 57.8 86.8



#52
Acenaphthene
Concen: 42.608 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:154 Resp: 2354601
Ion Ratio Lower Upper
154 100
153 113.6 91.1 136.7
152 53.5 43.0 64.4





#53

3-Nitroaniline

Concen: 43.648 ng

RT: 14.345 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

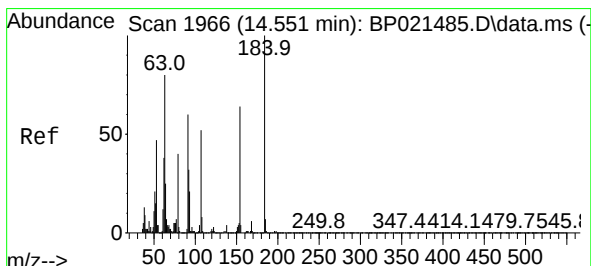
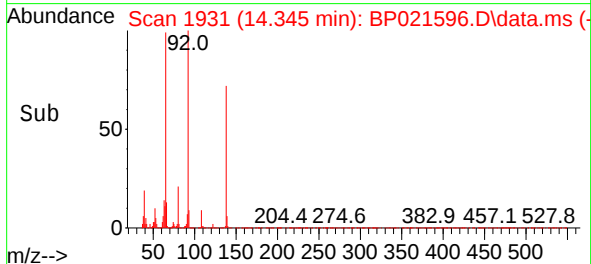
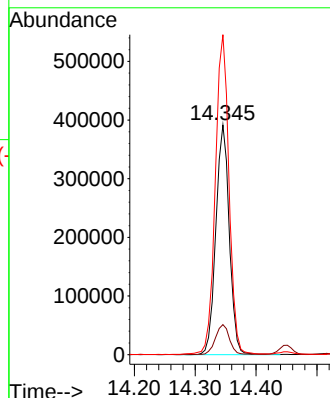
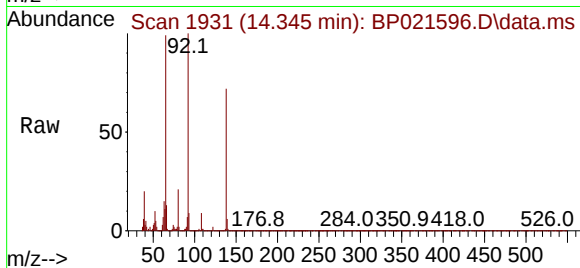
Tgt Ion:138 Resp: 597584

Ion Ratio Lower Upper

138 100

108 13.1 16.2 24.4#

92 139.4 122.2 183.4



#54

2,4-Dinitrophenol

Concen: 122.237 ng

RT: 14.551 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

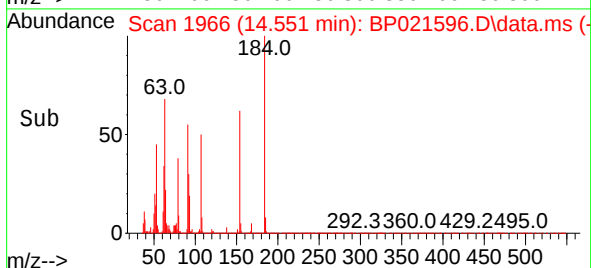
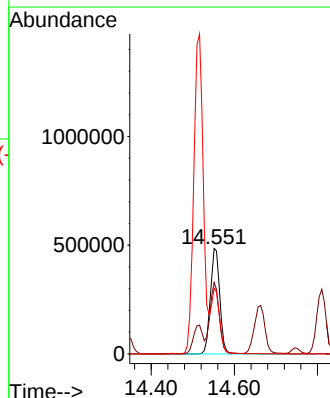
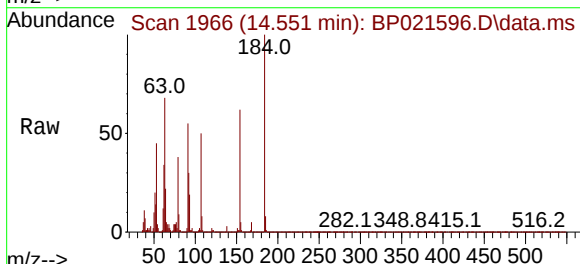
Tgt Ion:184 Resp: 767324

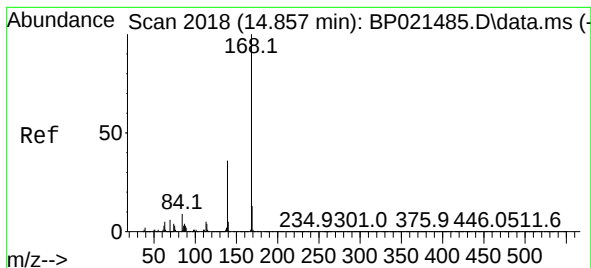
Ion Ratio Lower Upper

184 100

63 67.8 64.9 97.3

154 62.5 52.1 78.1





#55

Dibenzofuran

Concen: 44.715 ng

RT: 14.857 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

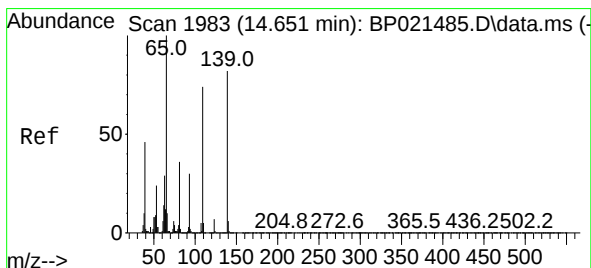
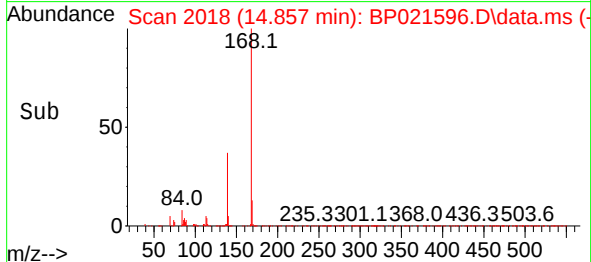
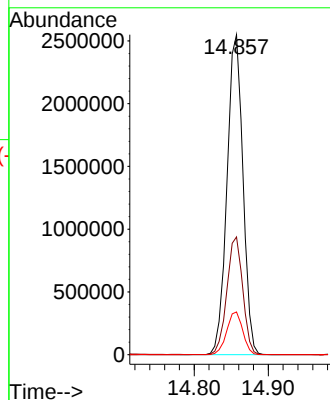
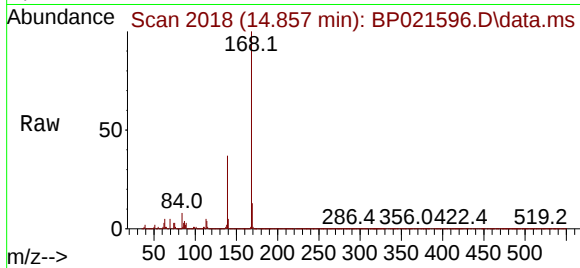
Tgt Ion:168 Resp: 3801272

Ion Ratio Lower Upper

168 100

139 36.8 28.6 43.0

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 110.865 ng

RT: 14.663 min Scan# 1985

Delta R.T. 0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

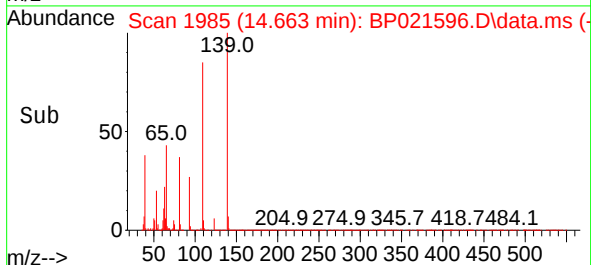
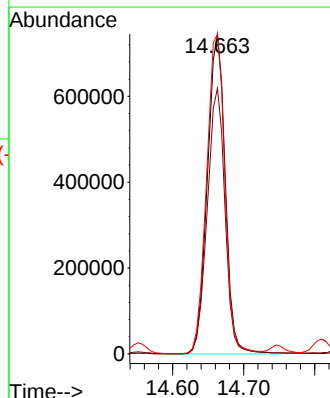
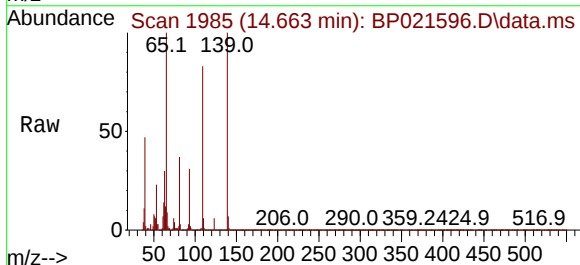
Tgt Ion:139 Resp: 1304945

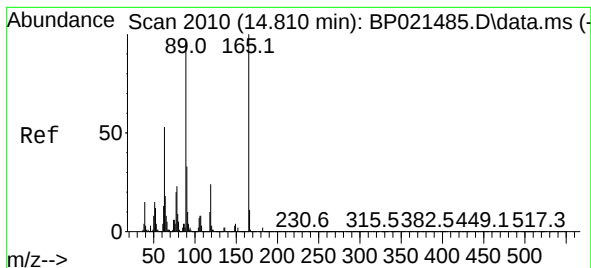
Ion Ratio Lower Upper

139 100

109 83.1 70.2 110.2

65 100.0 101.8 141.8#

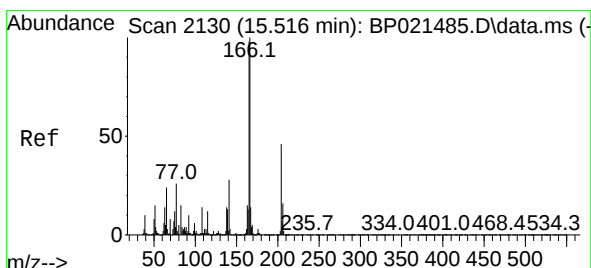
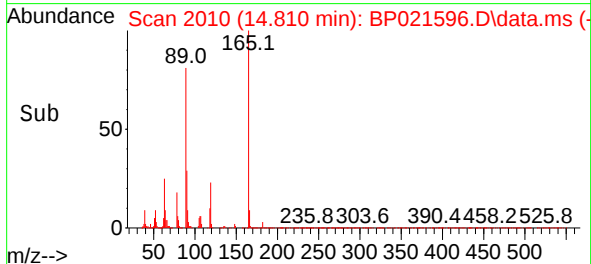
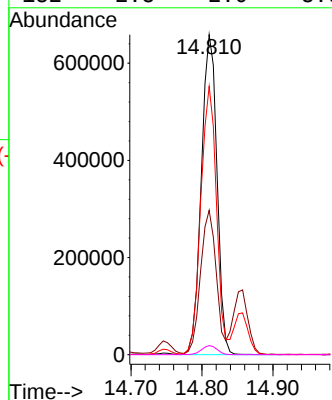
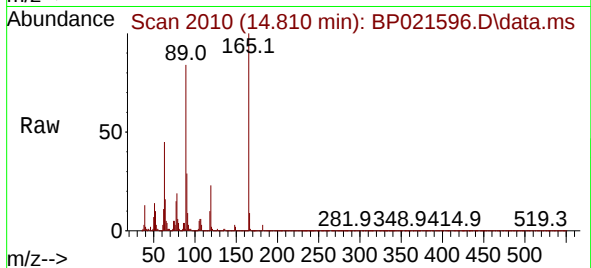




#57
2,4-Dinitrotoluene
Concen: 55.596 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

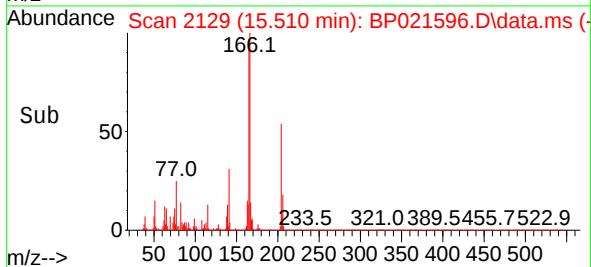
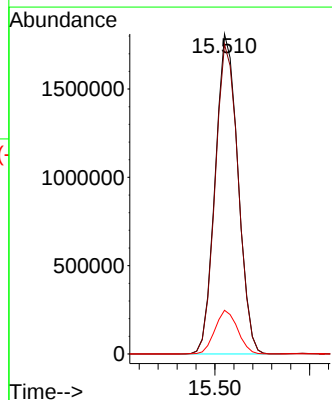
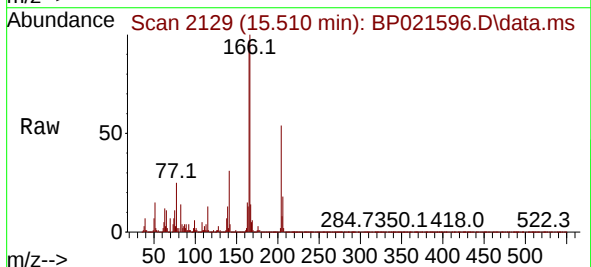
Instrument :
BNA_P
ClientSampleId :
PB162717BS

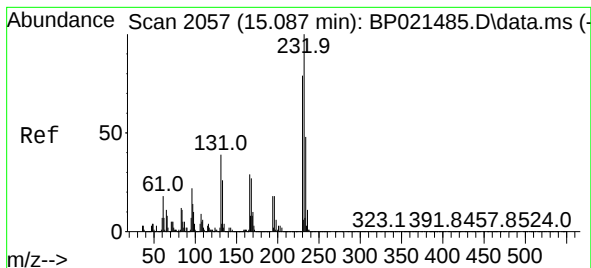
Tgt Ion:165 Resp: 1009571
Ion Ratio Lower Upper
165 100
63 45.1 42.5 63.7
89 83.9 77.1 115.7
182 2.8 2.0 3.0



#58
Fluorene
Concen: 43.279 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:166 Resp: 3022535
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 13.7 11.0 16.4

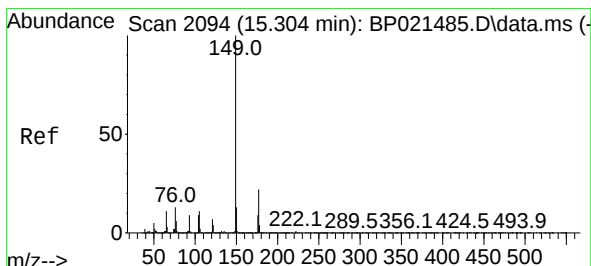
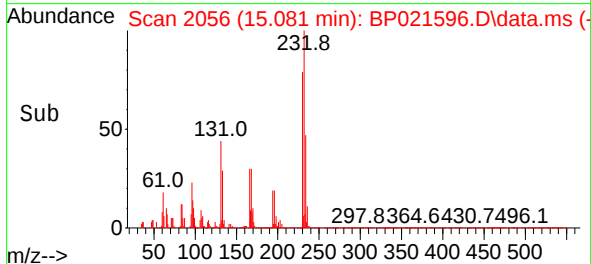
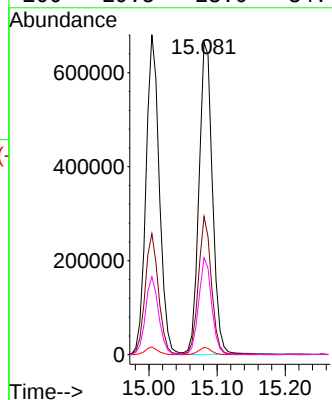
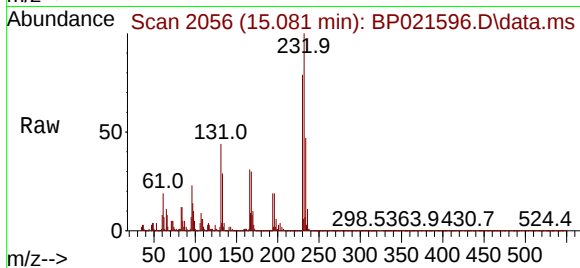




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.959 ng
RT: 15.081 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

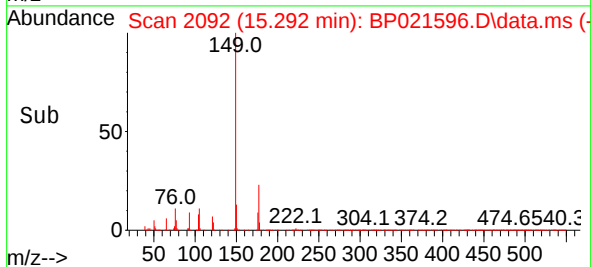
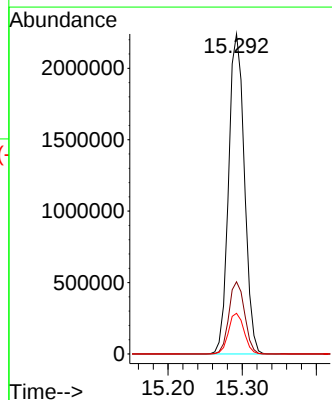
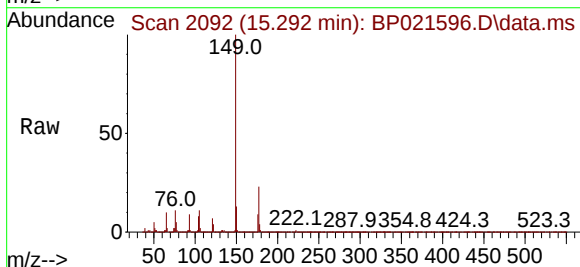
Instrument :
BNA_P
ClientSampleId :
PB162717BS

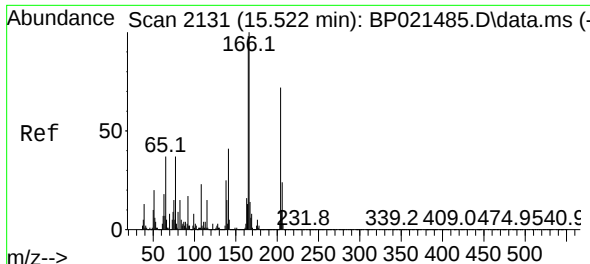
Tgt Ion:232 Resp: 909332
Ion Ratio Lower Upper
232 100
131 41.5 33.1 49.7
130 2.2 1.7 2.5
166 29.5 23.0 34.4



#60
Diethylphthalate
Concen: 46.211 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:149 Resp: 3302718
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.7 10.1 15.1

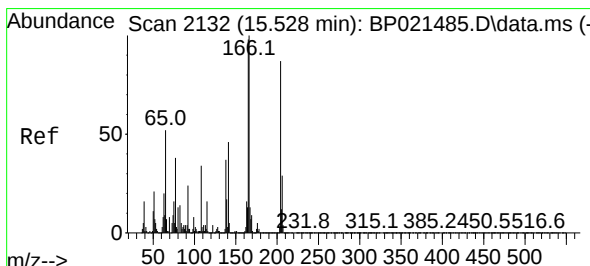
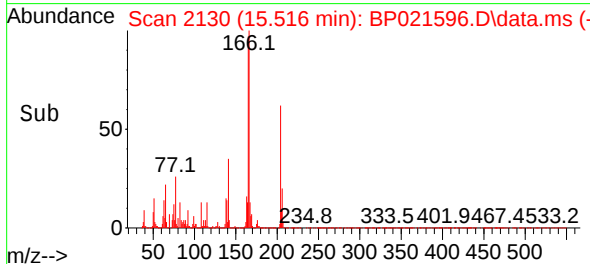
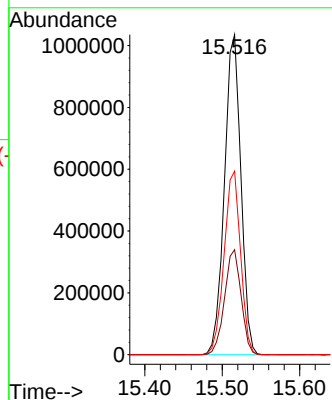
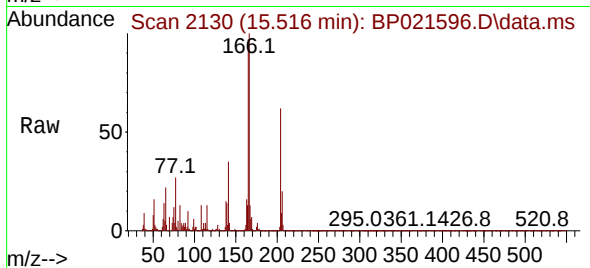




#61
4-Chlorophenyl-phenylether
Concen: 42.466 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

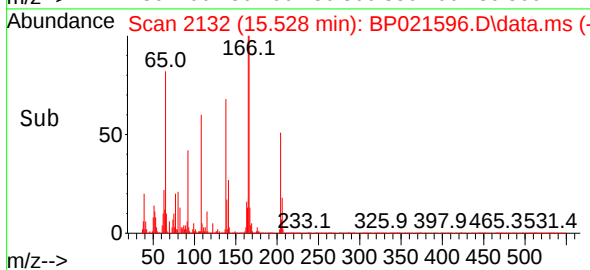
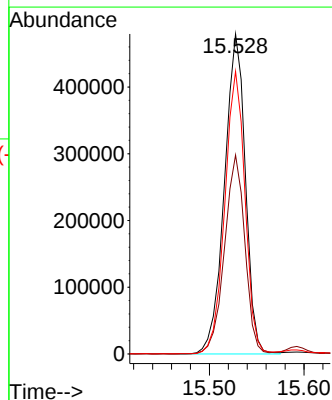
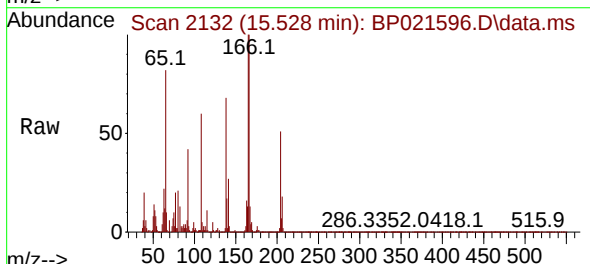
Instrument :
BNA_P
ClientSampleId :
PB162717BS

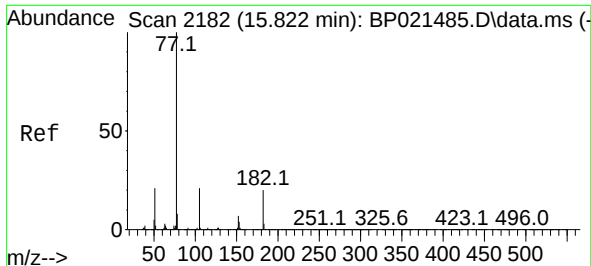
Tgt Ion:204 Resp: 1533021
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 57.4 46.1 69.1



#62
4-Nitroaniline
Concen: 51.518 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:138 Resp: 734847
Ion Ratio Lower Upper
138 100
92 62.2 46.4 86.4
108 88.3 73.2 113.2



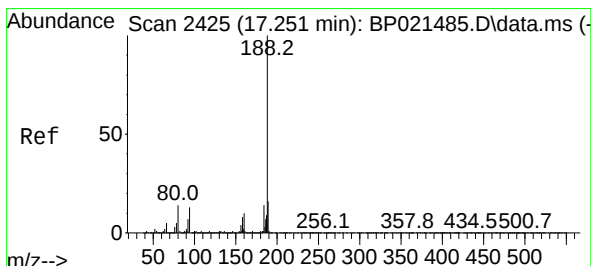
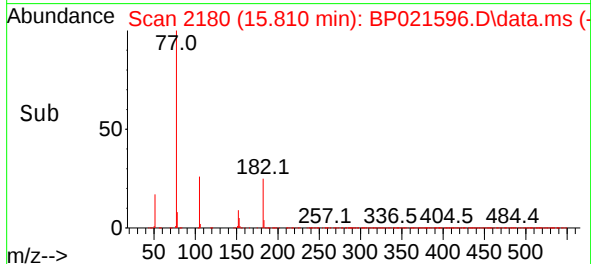
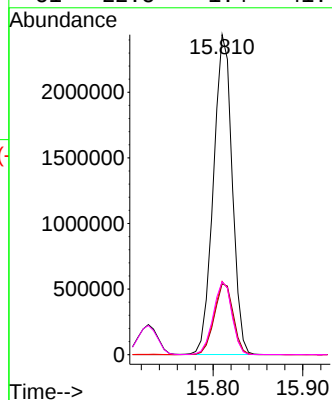
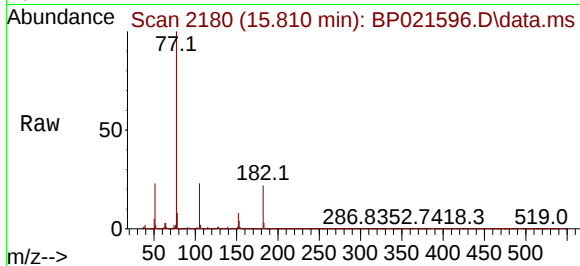


#63
Azobenzene
Concen: 40.216 ng
RT: 15.810 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Instrument :
BNA_P
ClientSampleId :
PB162717BS

Tgt Ion: 77 Resp: 3533192

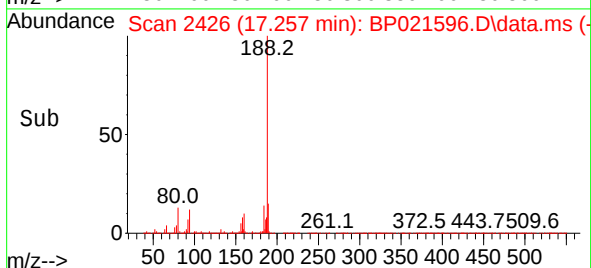
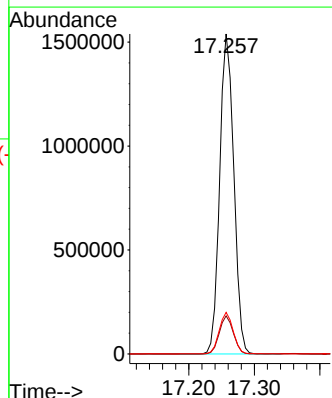
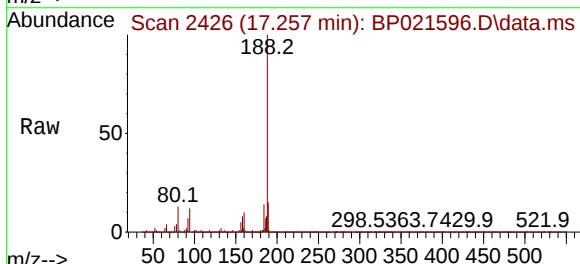
Ion	Ratio	Lower	Upper
77	100		
182	22.1	0.0	39.9
105	22.9	0.9	40.9
51	22.8	1.4	41.4

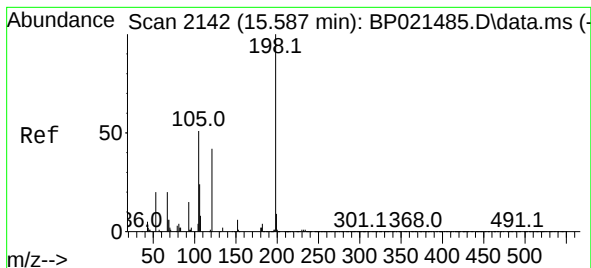


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion: 188 Resp: 2287402

Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.2	15.4
80	13.0	11.6	17.4

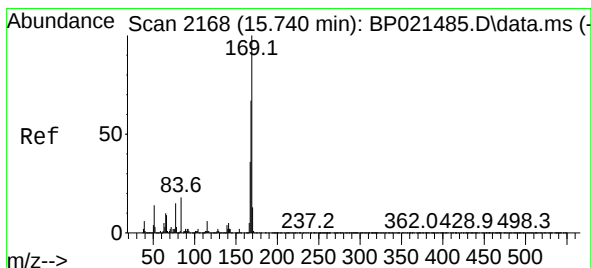
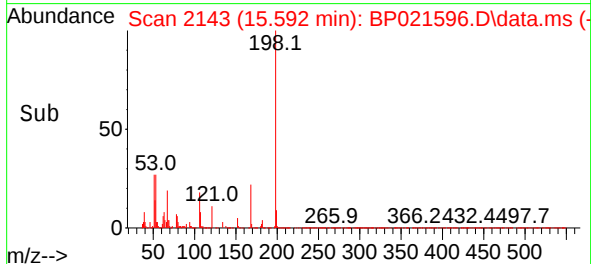
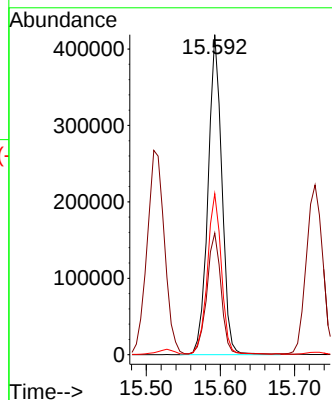
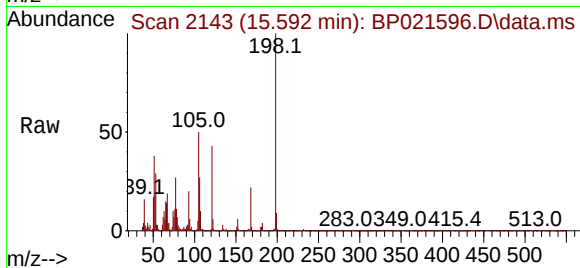




#65
4,6-Dinitro-2-methylphenol
Concen: 68.095 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.005 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

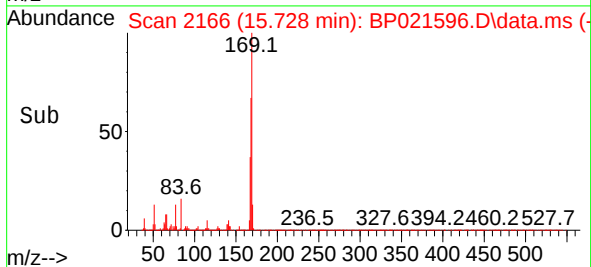
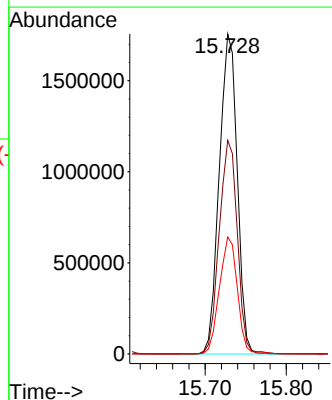
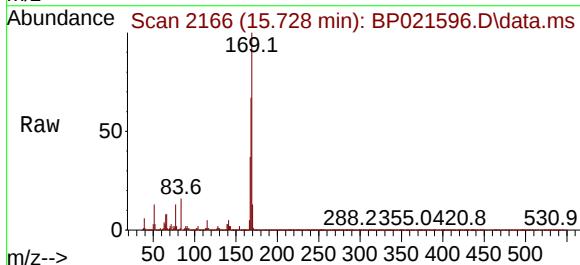
Instrument :
BNA_P
ClientSampleId :
PB162717BS

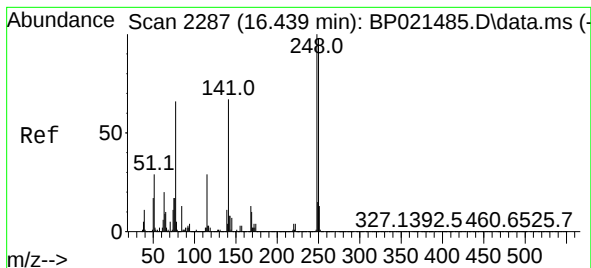
Tgt Ion:198 Resp: 542870
Ion Ratio Lower Upper
198 100
51 38.0 21.5 61.5
105 50.3 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 44.065 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:169 Resp: 2701126
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.5 28.7 43.1

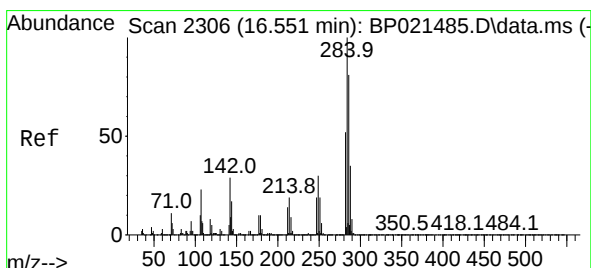
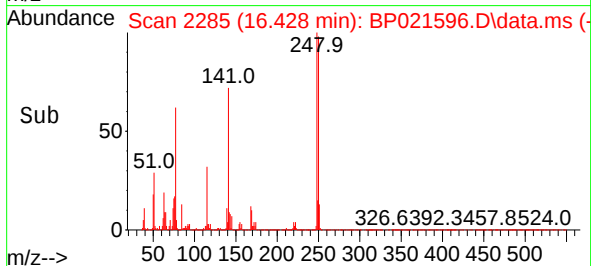
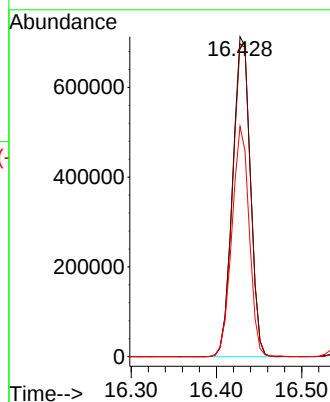
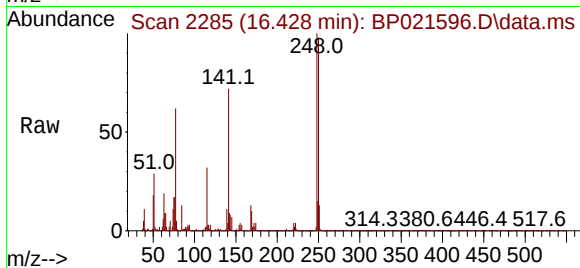




#67
4-Bromophenyl-phenylether
Concen: 42.560 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

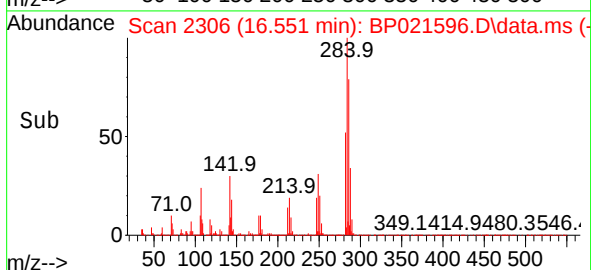
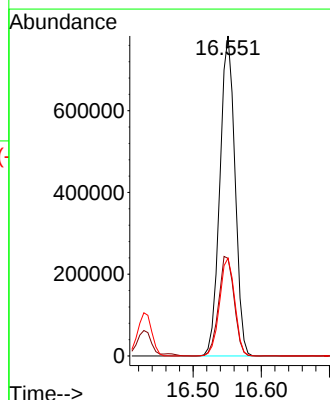
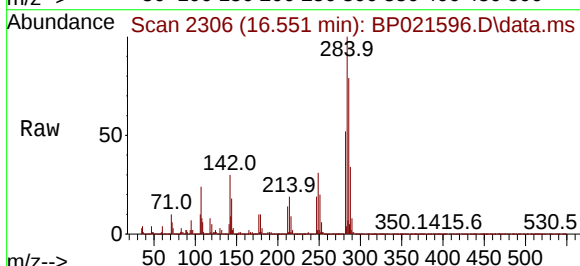
Instrument :
BNA_P
ClientSampleId :
PB162717BS

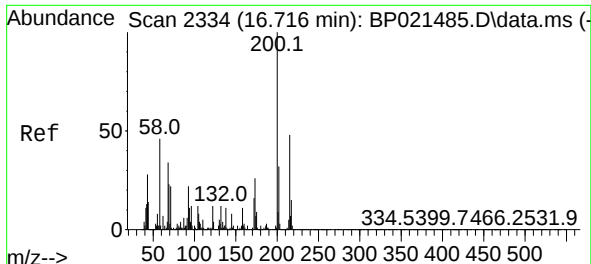
Tgt Ion:248 Resp: 1030332
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 71.9 53.9 80.9



#68
Hexachlorobenzene
Concen: 42.211 ng
RT: 16.551 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:284 Resp: 1207612
Ion Ratio Lower Upper
284 100
142 30.5 23.4 35.2
249 30.6 24.1 36.1





#69

Atrazine

Concen: 40.584 ng

RT: 16.710 min Scan# 2333

Delta R.T. -0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

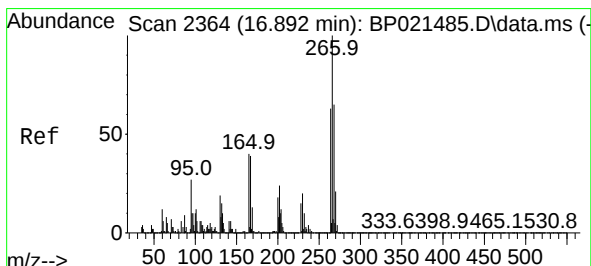
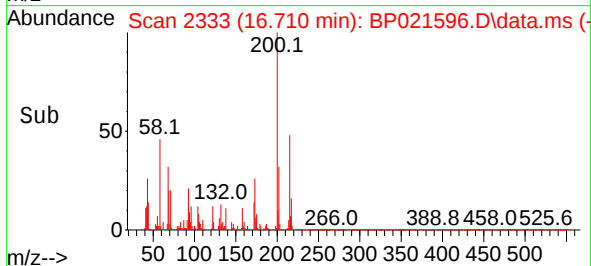
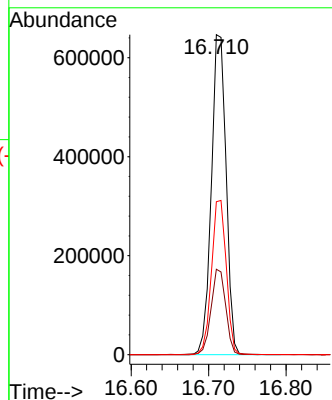
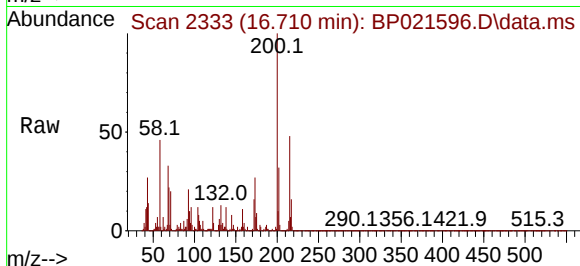
Tgt Ion:200 Resp: 854121

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

215 47.8 28.4 68.4



#70

Pentachlorophenol

Concen: 102.580 ng

RT: 16.898 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

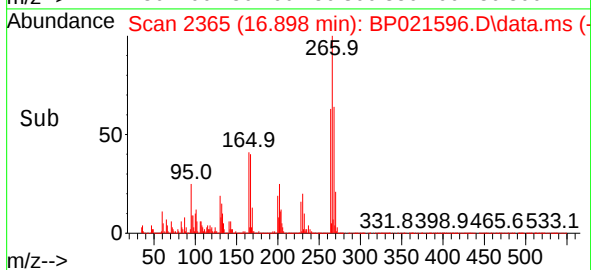
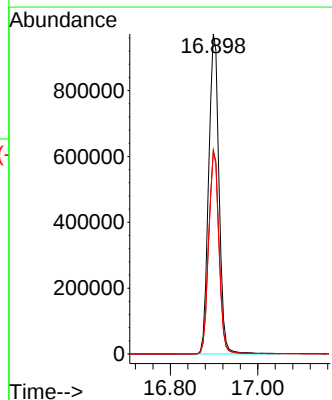
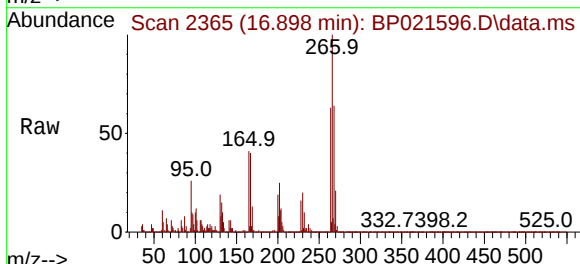
Tgt Ion:266 Resp: 1601782

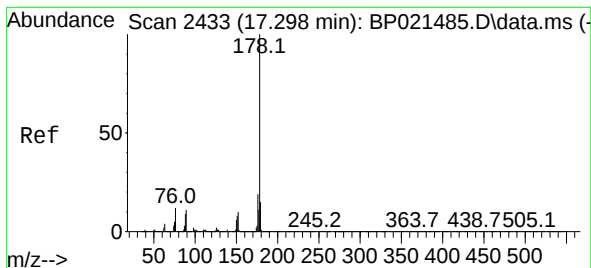
Ion Ratio Lower Upper

266 100

268 63.7 51.8 77.6

264 63.3 50.5 75.7

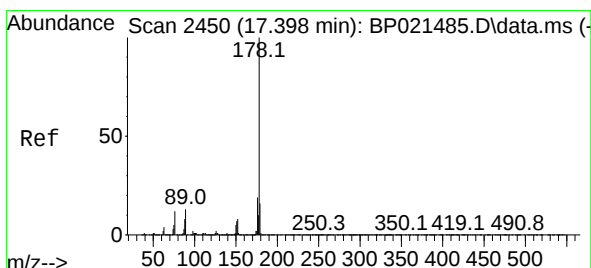
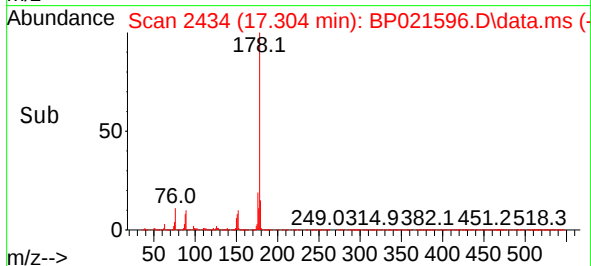
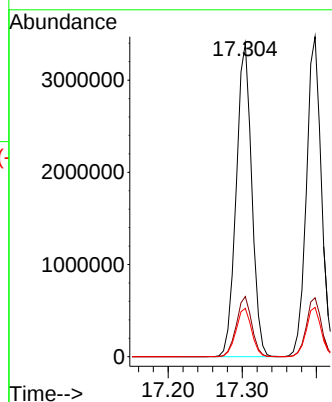
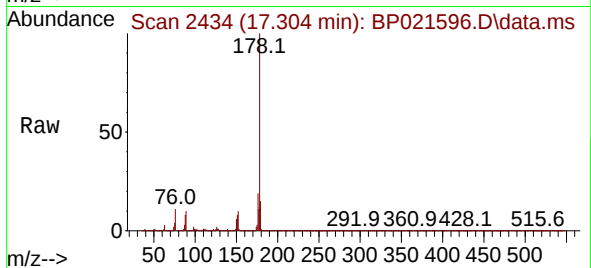




#71
Phenanthrene
Concen: 44.839 ng
RT: 17.304 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

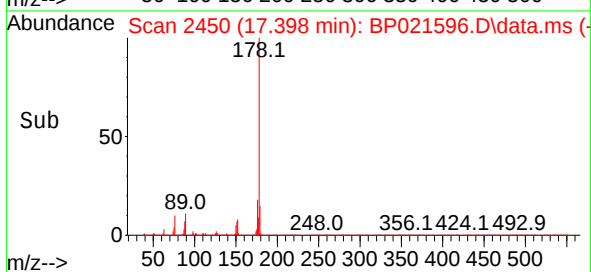
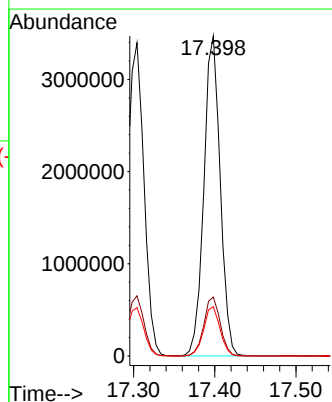
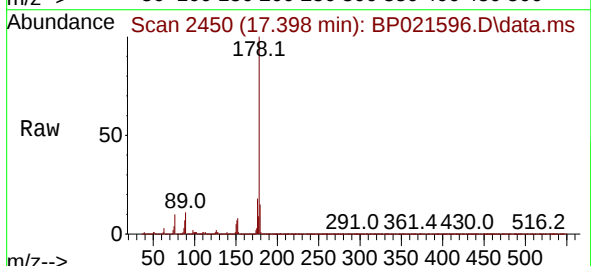
Instrument :
BNA_P
ClientSampleId :
PB162717BS

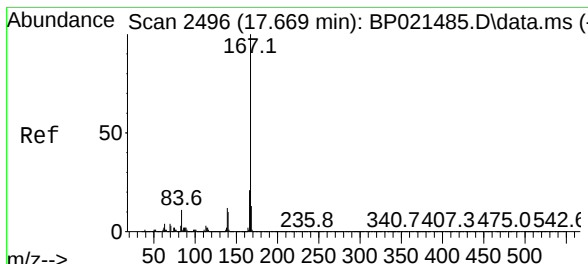
Tgt Ion:178 Resp: 4932533
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.4 18.6



#72
Anthracene
Concen: 44.885 ng
RT: 17.398 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:178 Resp: 4842423
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.4 12.5 18.7





#73

Carbazole

Concen: 45.113 ng

RT: 17.675 min Scan# 2496

Delta R.T. 0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

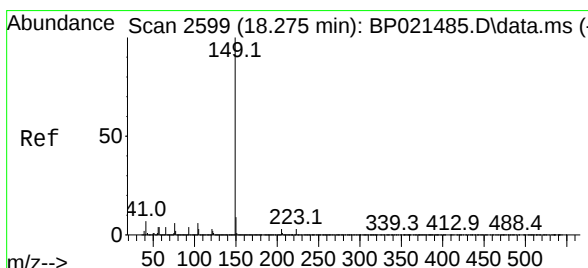
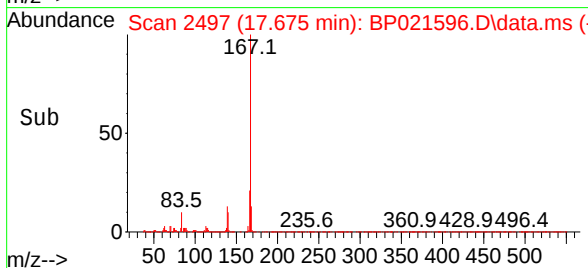
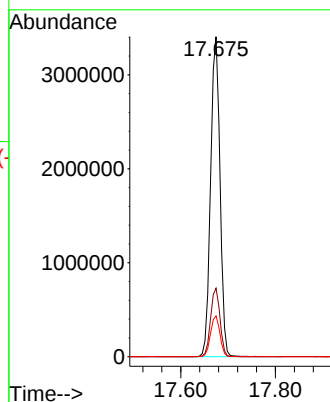
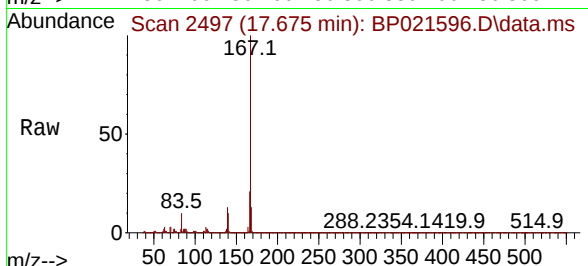
Tgt Ion:167 Resp: 4690439

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 12.7 9.9 14.9



#74

Di-n-butylphthalate

Concen: 46.261 ng

RT: 18.280 min Scan# 2600

Delta R.T. 0.006 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

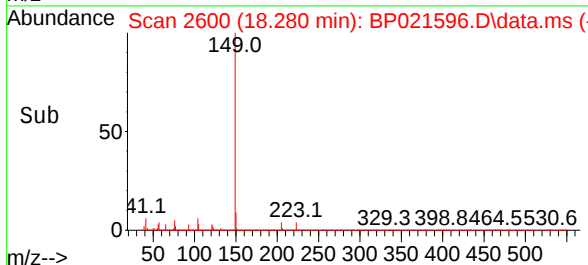
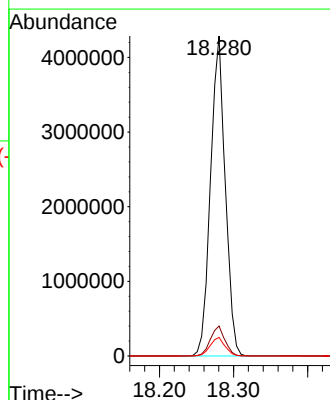
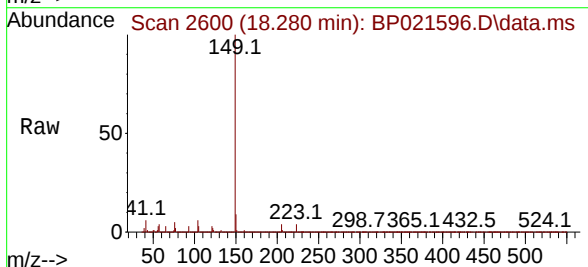
Tgt Ion:149 Resp: 5906986

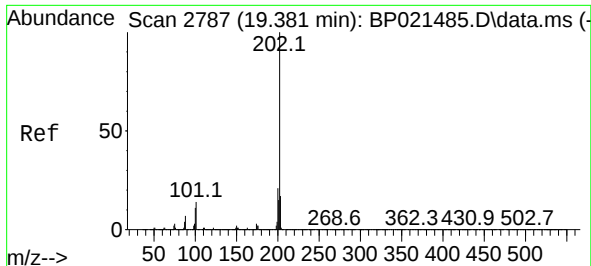
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.8 4.9 7.3

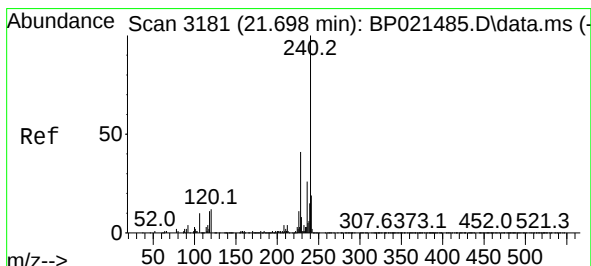
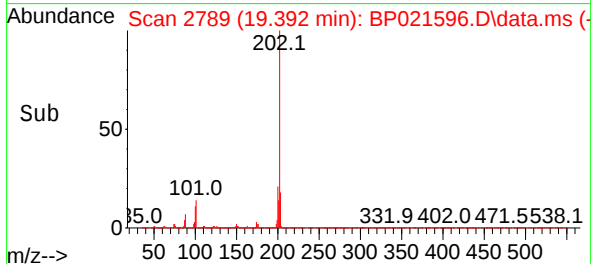
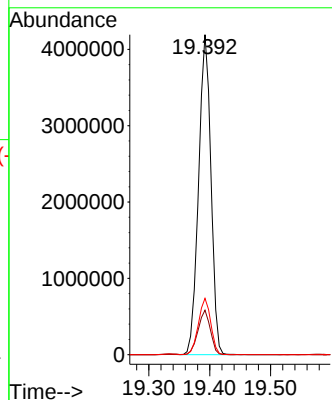
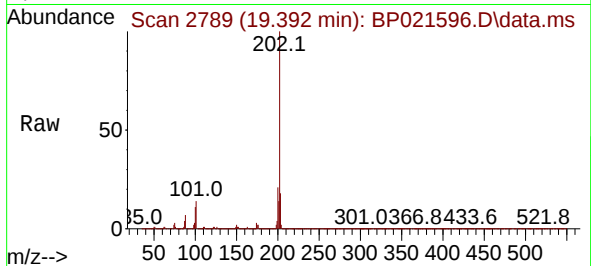




#75
Fluoranthene
Concen: 43.676 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

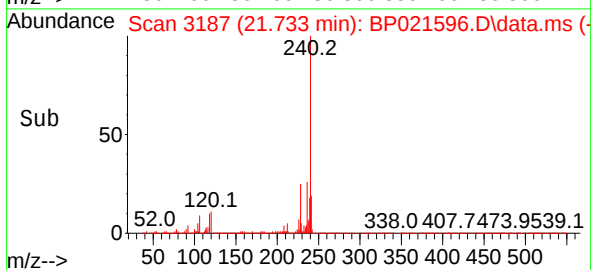
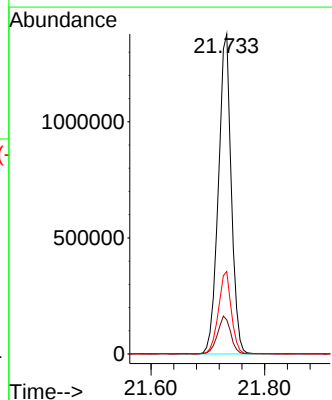
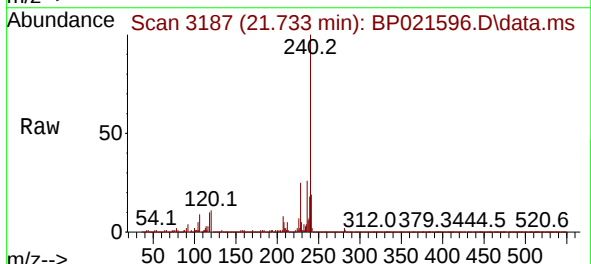
Instrument :
BNA_P
ClientSampleId :
PB162717BS

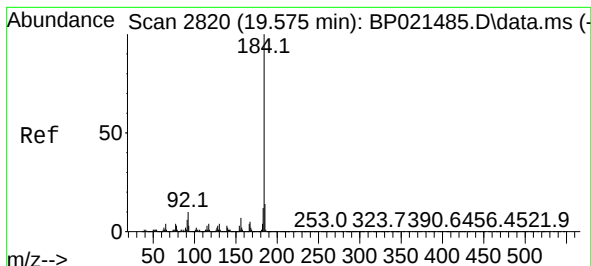
Tgt Ion:202 Resp: 5895234
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.0
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:240 Resp: 2165693
Ion Ratio Lower Upper
240 100
120 10.7 9.9 14.9
236 25.8 20.6 30.8





#77

Benzidine

Concen: 23.491 ng

RT: 19.580 min Scan# 2820

Delta R.T. 0.005 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

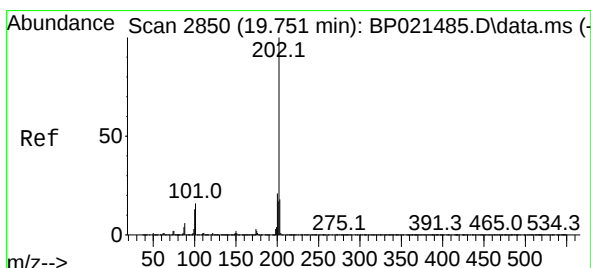
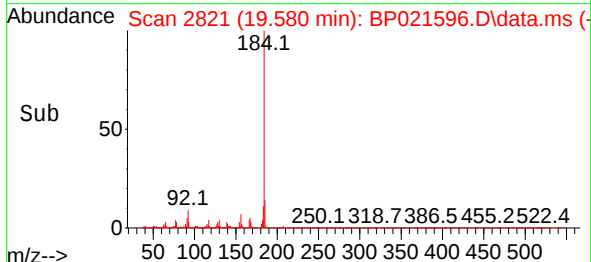
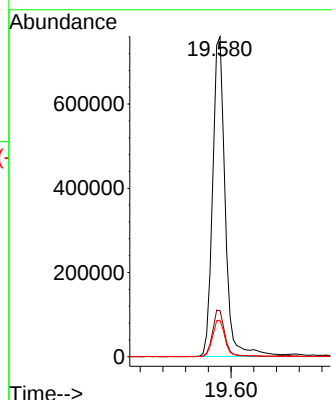
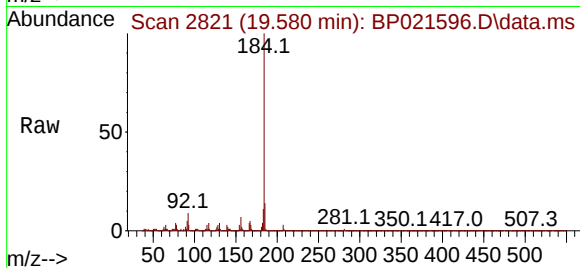
Tgt Ion:184 Resp: 1160465

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.4 9.3 13.9



#78

Pyrene

Concen: 44.032 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.018 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

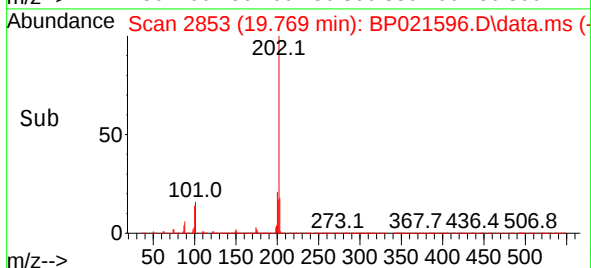
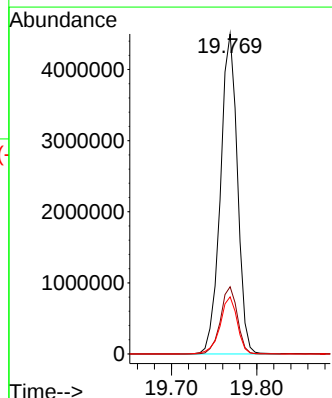
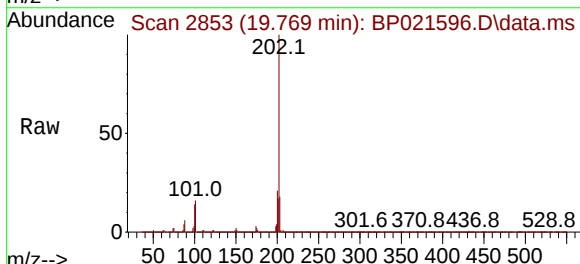
Tgt Ion:202 Resp: 6232922

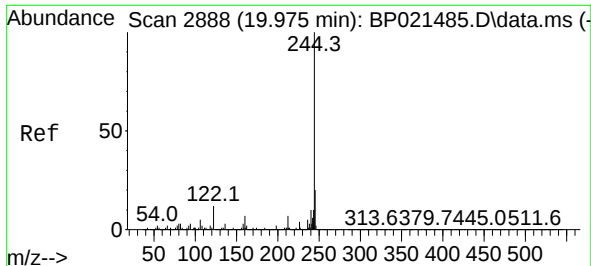
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.8 14.1 21.1

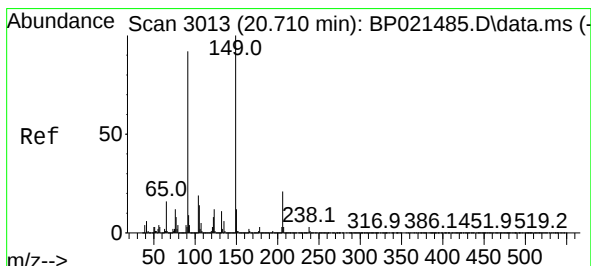
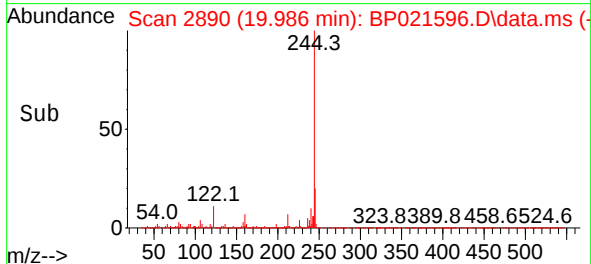
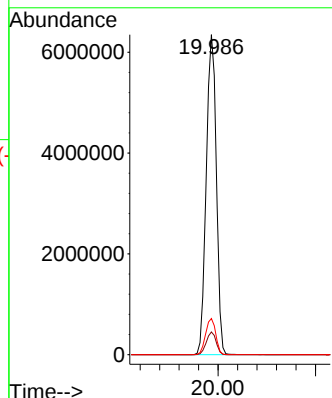
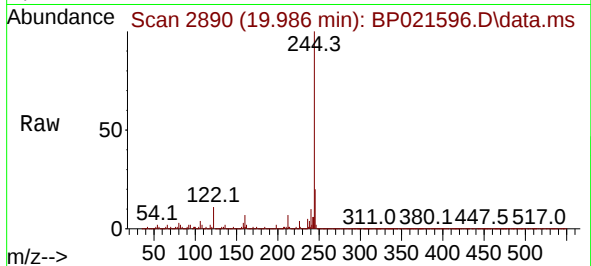




#79
 Terphenyl-d14
 Concen: 81.411 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021596.D
 Acq: 21 Aug 2024 13:52

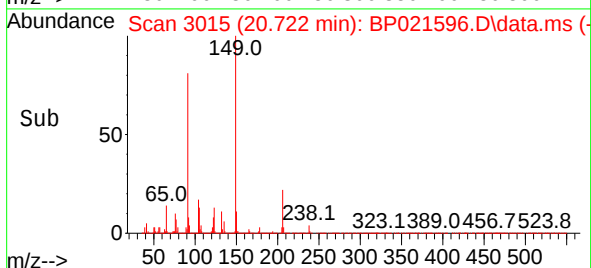
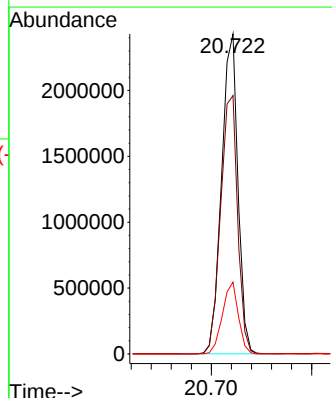
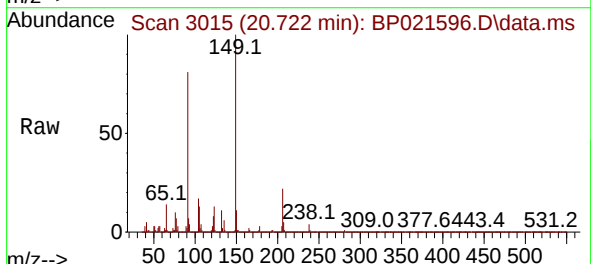
Instrument :
 BNA_P
 ClientSampleId :
 PB162717BS

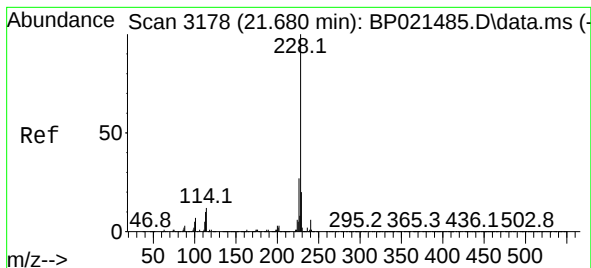
Tgt Ion:244 Resp: 9075459
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 50.749 ng
 RT: 20.722 min Scan# 3015
 Delta R.T. 0.012 min
 Lab File: BP021596.D
 Acq: 21 Aug 2024 13:52

Tgt Ion:149 Resp: 2738466
 Ion Ratio Lower Upper
 149 100
 91 80.8 73.3 109.9
 206 22.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 46.525 ng

RT: 21.710 min Scan# 3183

Delta R.T. 0.029 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

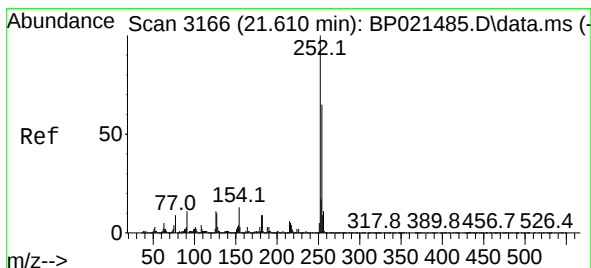
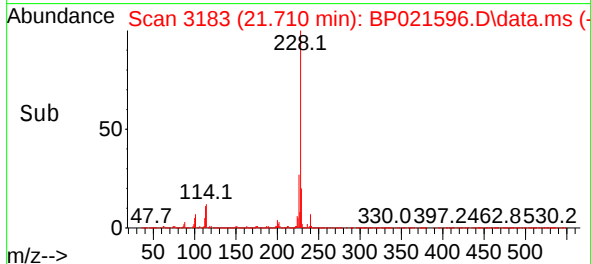
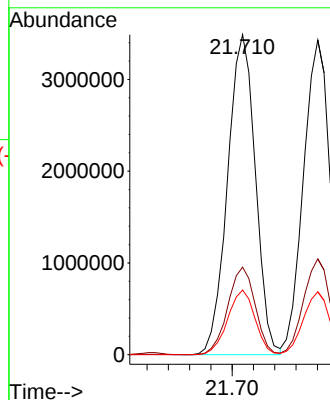
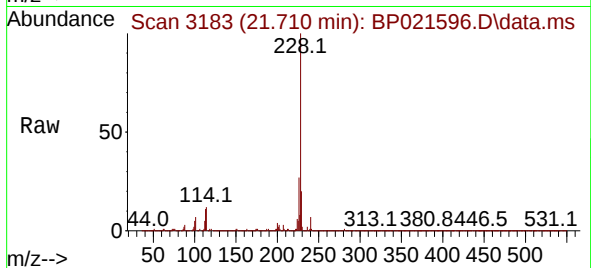
Tgt Ion:228 Resp: 6325234

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.2 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.543 ng

RT: 21.627 min Scan# 3169

Delta R.T. 0.018 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

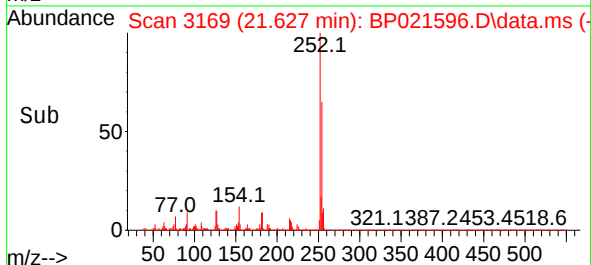
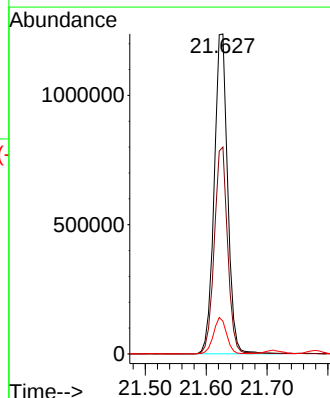
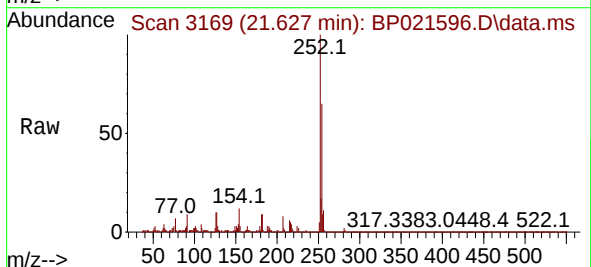
Tgt Ion:252 Resp: 1898042

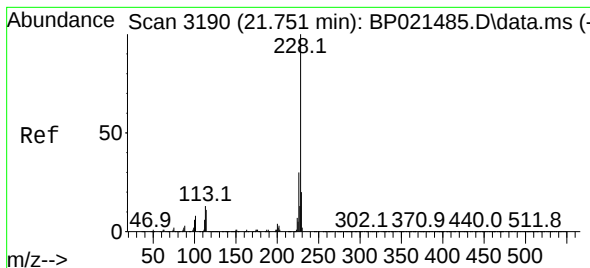
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 10.3 8.7 13.1





#83

Chrysene

Concen: 46.339 ng

RT: 21.780 min Scan# 3190

Delta R.T. 0.029 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

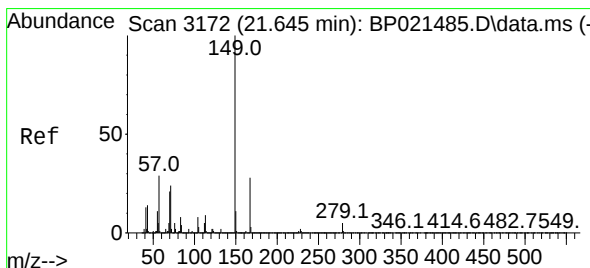
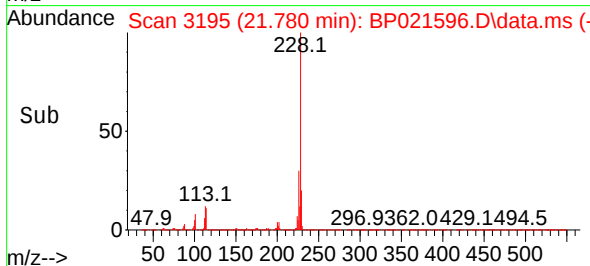
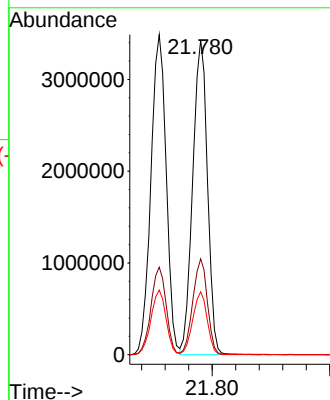
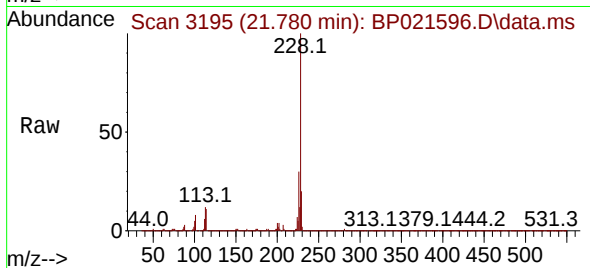
Tgt Ion:228 Resp: 5948120

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.721 ng

RT: 21.657 min Scan# 3174

Delta R.T. 0.012 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

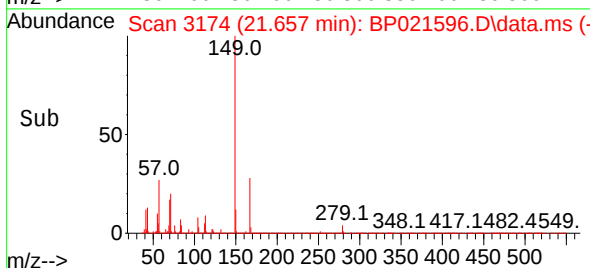
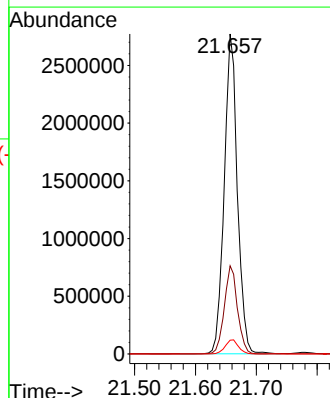
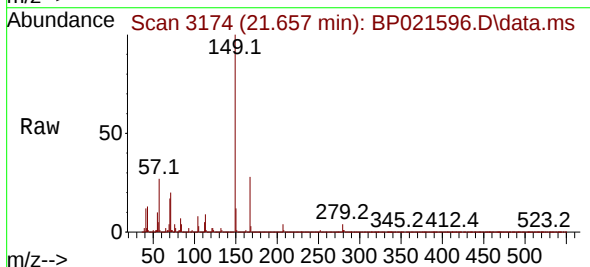
Tgt Ion:149 Resp: 4155968

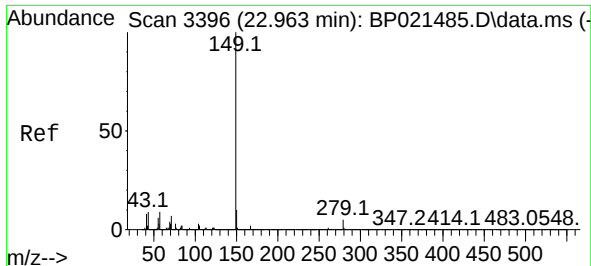
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 4.3 3.8 5.6

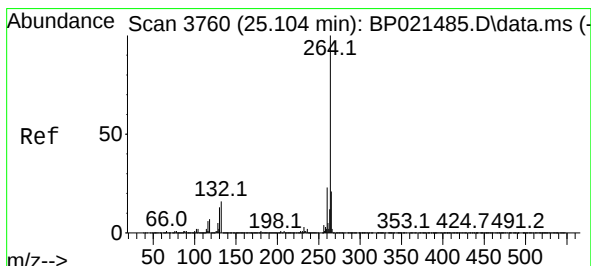
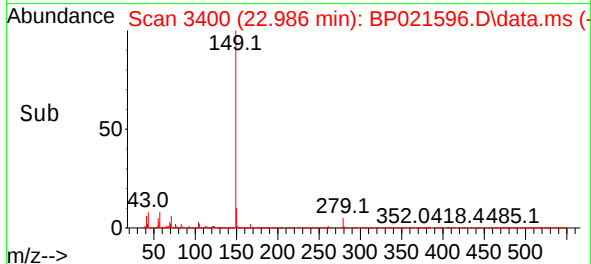
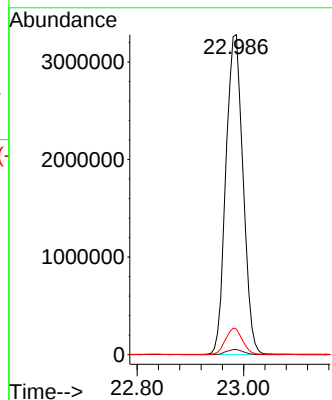
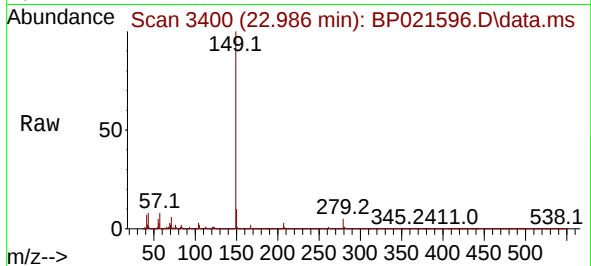




#85
Di-n-octyl phthalate
Concen: 51.543 ng
RT: 22.986 min Scan# 34
Delta R.T. 0.023 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

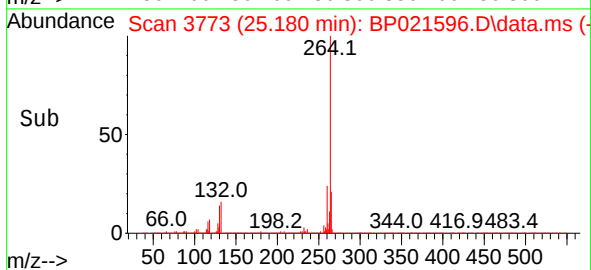
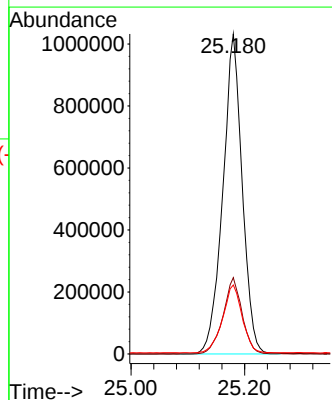
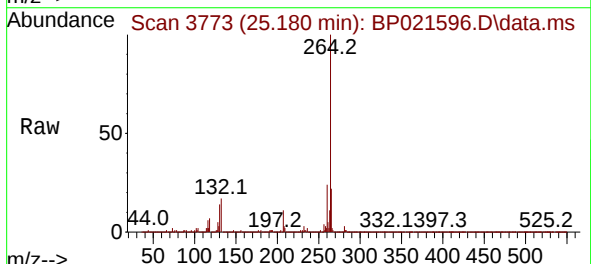
Instrument :
BNA_P
ClientSampleId :
PB162717BS

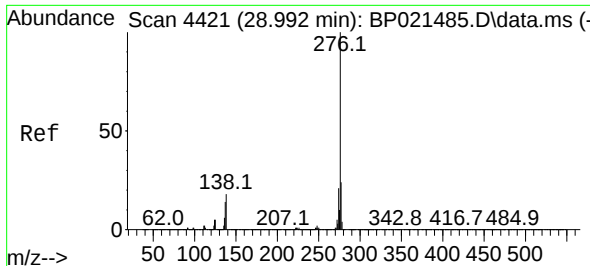
Tgt Ion:149 Resp: 7331332
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3773
Delta R.T. 0.076 min
Lab File: BP021596.D
Acq: 21 Aug 2024 13:52

Tgt Ion:264 Resp: 2442992
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.5 17.1 25.7

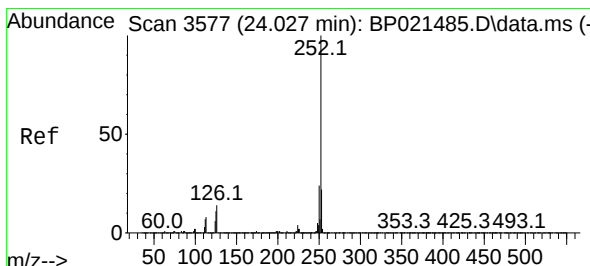
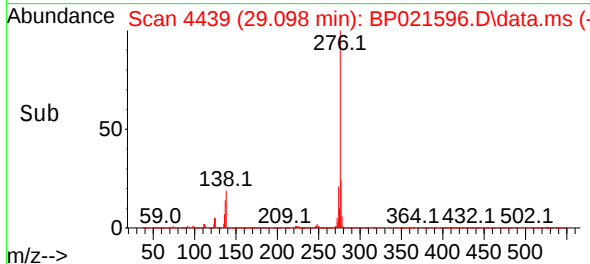
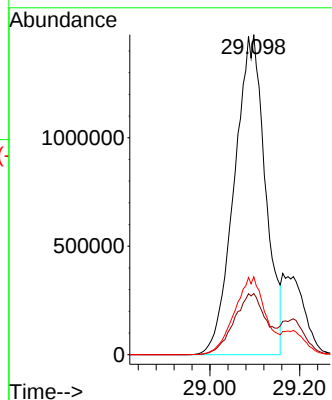
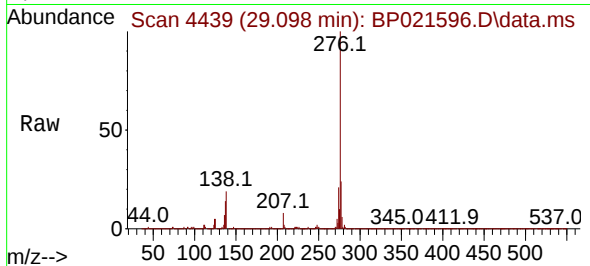




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.749 ng
 RT: 29.098 min Scan# 4421
 Delta R.T. 0.106 min
 Lab File: BP021596.D
 Acq: 21 Aug 2024 13:52

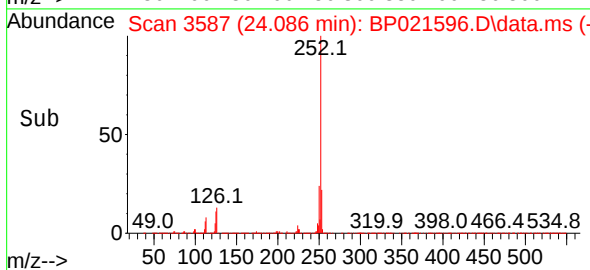
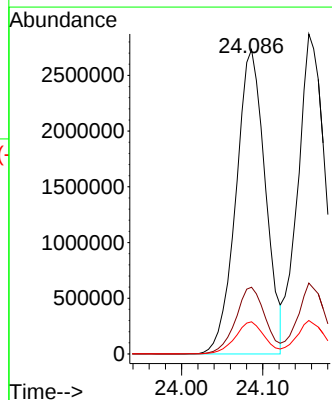
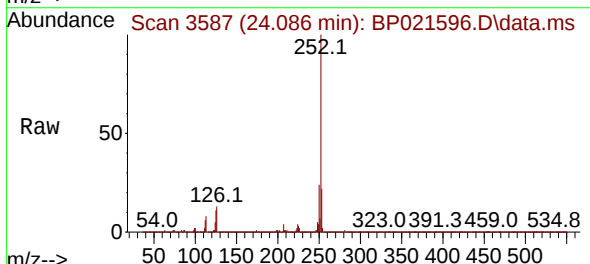
Instrument :
 BNA_P
 ClientSampleId :
 PB162717BS

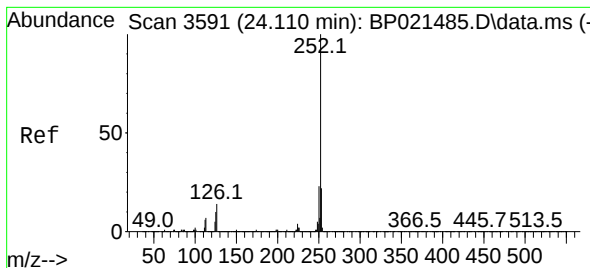
Tgt Ion:276 Resp: 7086431
 Ion Ratio Lower Upper
 276 100
 138 20.2 12.8 19.2#
 277 24.4 16.5 24.7



#88
 Benzo(b)fluoranthene
 Concen: 48.887 ng
 RT: 24.086 min Scan# 3587
 Delta R.T. 0.059 min
 Lab File: BP021596.D
 Acq: 21 Aug 2024 13:52

Tgt Ion:252 Resp: 6859212
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 10.6 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 49.113 ng

RT: 24.157 min Scan# 3599

Delta R.T. 0.047 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

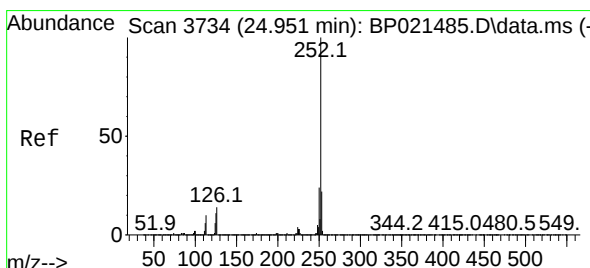
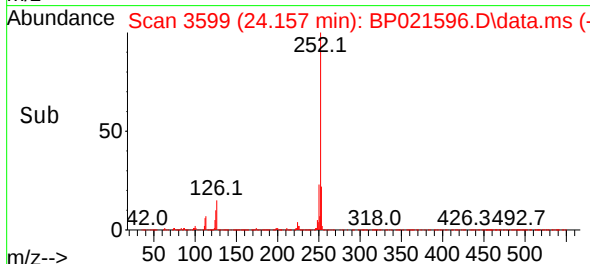
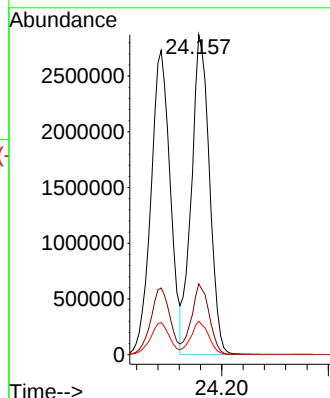
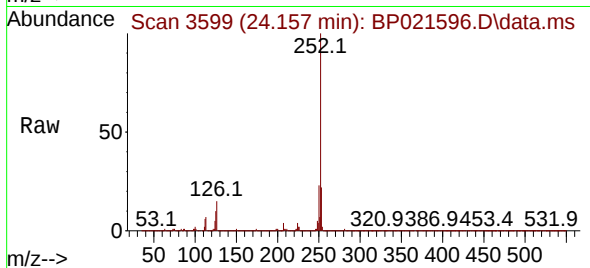
Tgt Ion:252 Resp: 6722130

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.5 7.8 11.8



#90

Benzo(a)pyrene

Concen: 52.439 ng

RT: 25.027 min Scan# 3747

Delta R.T. 0.076 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

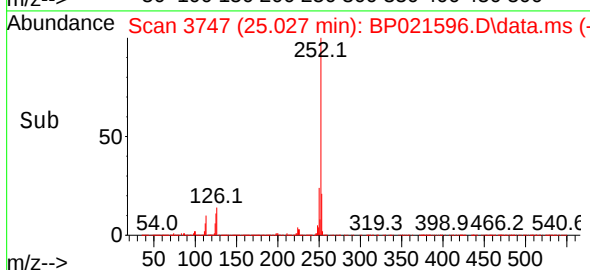
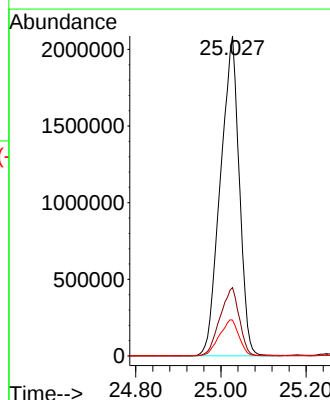
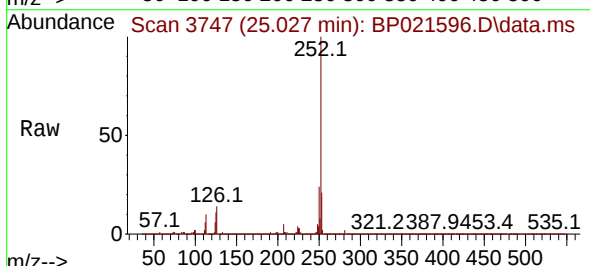
Tgt Ion:252 Resp: 6384870

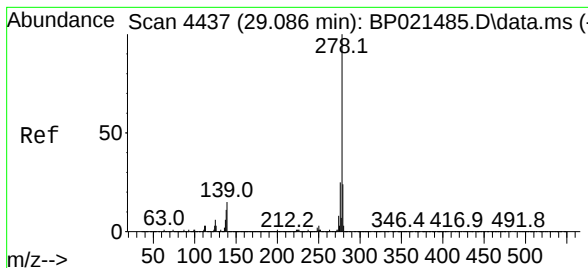
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 11.2 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 51.982 ng

RT: 29.186 min Scan# 4437

Delta R.T. 0.100 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Instrument :

BNA_P

ClientSampleId :

PB162717BS

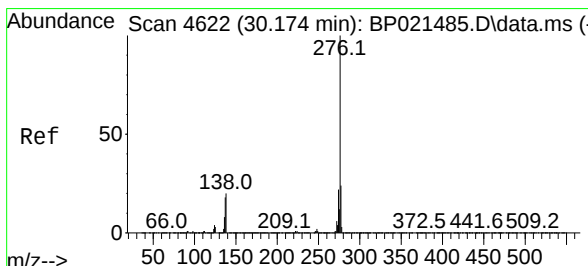
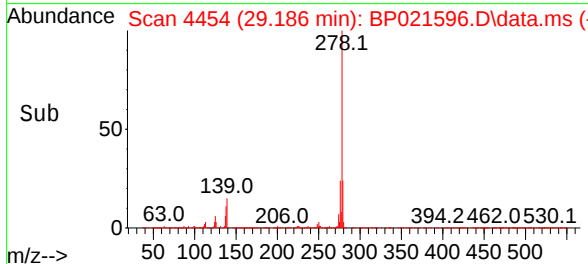
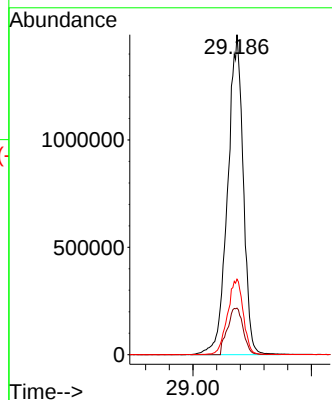
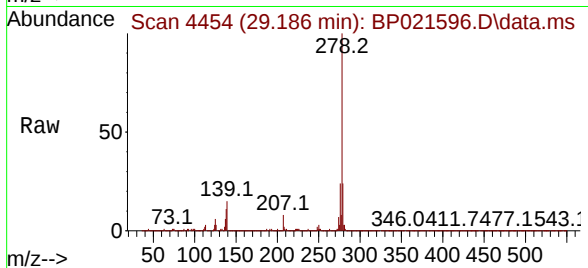
Tgt Ion:278 Resp: 6839639

Ion Ratio Lower Upper

278 100

139 14.6 12.2 18.4

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.793 ng

RT: 30.321 min Scan# 4647

Delta R.T. 0.147 min

Lab File: BP021596.D

Acq: 21 Aug 2024 13:52

Tgt Ion:276 Resp: 6566648

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 20.6 16.0 24.0

