

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021599.D
 Acq On : 21 Aug 2024 15:59
 Operator : RC/JU
 Sample : PB162878BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162878BS

Quant Time: Aug 21 16:43:01 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	412244	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1693907	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1109834	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2482231	20.000	ng	0.01
76) Chrysene-d12	21.733	240	2374692	20.000	ng	0.04
86) Perylene-d12	25.163	264	2545548	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	3622949	130.495	ng	0.01
7) Phenol-d6	6.975	99	4889700	120.733	ng	0.01
23) Nitrobenzene-d5	8.952	82	2914163	88.797	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1848029	149.614	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	5593154	76.913	ng	0.00
79) Terphenyl-d14	19.992	244	9834904	80.459	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	359415	27.303	ng	98
3) Pyridine	3.717	79	987174	26.862	ng	95
4) n-Nitrosodimethylamine	3.617	42	449524	40.696	ng	89
6) Aniline	7.128	93	1061986	26.229	ng	97
8) 2-Chlorophenol	7.375	128	1270850	49.533	ng	94
9) Benzaldehyde	6.946	77	449008	17.315	ng	93
10) Phenol	6.999	94	1871956	44.635	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	1407754	39.669	ng	95
12) 1,3-Dichlorobenzene	7.693	146	1264837	41.503	ng	97
13) 1,4-Dichlorobenzene	7.840	146	1288203	41.861	ng	99
14) 1,2-Dichlorobenzene	8.158	146	1246381	42.029	ng	99
15) Benzyl Alcohol	8.040	79	1290363	44.405	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1330956	40.727	ng	97
17) 2-Methylphenol	8.240	107	1212157	45.719	ng	98
18) Hexachloroethane	8.881	117	528824	42.854	ng	97
19) n-Nitroso-di-n-propyla...	8.605	70	1001353	35.793	ng	96
20) 3+4-Methylphenols	8.563	107	1680449	47.005	ng	98
22) Acetophenone	8.616	105	1956942	37.605	ng	99
24) Nitrobenzene	8.993	77	1503140	42.171	ng	93
25) Isophorone	9.522	82	2953927	38.100	ng	98
26) 2-Nitrophenol	9.705	139	622236	60.822	ng	92
27) 2,4-Dimethylphenol	9.763	122	961832	50.269	ng	99
28) bis(2-Chloroethoxy)met...	9.999	93	1881847	39.763	ng	99
29) 2,4-Dichlorophenol	10.240	162	1171377	51.815	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1211383	41.796	ng	97
31) Naphthalene	10.646	128	3700733	41.821	ng	100
32) Benzoic acid	9.905	122	944235	65.477	ng	92
33) 4-Chloroaniline	10.746	127	825876	24.846	ng	97
34) Hexachlorobutadiene	10.934	225	723168	39.628	ng	99
35) Caprolactam	11.534	113	436972	46.438	ng	91
36) 4-Chloro-3-methylphenol	11.875	107	1555408	49.599	ng	96
37) 2-Methylnaphthalene	12.257	142	2557102	42.340	ng	99
38) 1-Methylnaphthalene	12.475	142	2385425	40.048	ng	98
40) 1,2,4,5-Tetrachloroben...	12.628	216	1254314	38.572	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1107445	107.453	ng	100
43) 2,4,6-Trichlorophenol	12.863	196	991949	54.915	ng	100

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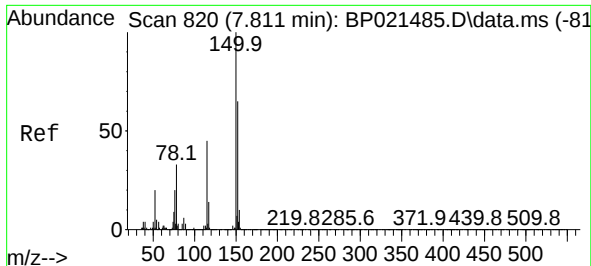
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.946	196	1058604	52.748	ng	97
46) 1,1'-Biphenyl	13.275	154	3103293	39.521	ng	98
47) 2-Chloronaphthalene	13.316	162	2560671	41.887	ng	99
48) 2-Nitroaniline	13.510	65	914454	52.796	ng	# 84
49) Acenaphthylene	14.163	152	4317781	48.046	ng	99
50) Dimethylphthalate	13.904	163	3456072	46.500	ng	100
51) 2,6-Dinitrotoluene	14.016	165	768282	50.968	ng	90
52) Acenaphthene	14.516	154	2472471	41.931	ng	100
53) 3-Nitroaniline	14.345	138	639131	43.741	ng	# 93
54) 2,4-Dinitrophenol	14.557	184	814761	121.872	ng	89
55) Dibenzofuran	14.851	168	4077887	44.957	ng	99
56) 4-Nitrophenol	14.669	139	1412623	112.402	ng	88
57) 2,4-Dinitrotoluene	14.810	165	1095697	56.464	ng	85
58) Fluorene	15.516	166	3203821	42.994	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	956060	56.125	ng	96
60) Diethylphthalate	15.298	149	3562699	46.718	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	1622379	42.119	ng	99
62) 4-Nitroaniline	15.528	138	798416	52.406	ng	96
63) Azobenzene	15.816	77	3807569	40.618	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	584527	67.737	ng	95
66) n-Nitrosodiphenylamine	15.740	169	2939803	44.194	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	1109715	42.241	ng	99
68) Hexachlorobenzene	16.551	284	1289506	41.536	ng	98
69) Atrazine	16.722	200	921905	40.366	ng	100
70) Pentachlorophenol	16.904	266	1721237	101.578	ng	99
71) Phenanthrene	17.310	178	5346064	44.783	ng	100
72) Anthracene	17.404	178	5295342	45.230	ng	100
73) Carbazole	17.675	167	5164248	45.771	ng	99
74) Di-n-butylphthalate	18.281	149	6394579	46.148	ng	100
75) Fluoranthene	19.392	202	6537856	44.636	ng	100
77) Benzidine	19.592	184	1176708	21.951	ng	99
78) Pyrene	19.769	202	6829298	43.999	ng	100
80) Butylbenzylphthalate	20.728	149	3040133	51.337	ng	92
81) Benzo(a)anthracene	21.710	228	6912503	46.370	ng	99
82) 3,3'-Dichlorobenzidine	21.627	252	1997094	41.783	ng	100
83) Chrysene	21.786	228	6510654	46.258	ng	100
84) Bis(2-ethylhexyl)phtha...	21.663	149	4597775	52.183	ng	100
85) Di-n-octyl phthalate	22.980	149	8065042	51.695	ng	97
87) Indeno(1,2,3-cd)pyrene	29.092	276	7413043	44.926	ng	93
88) Benzo(b)fluoranthene	24.080	252	7074066	48.387	ng	99
89) Benzo(k)fluoranthene	24.157	252	7020129	49.224	ng	99
90) Benzo(a)pyrene	25.004	252	6562777	51.728	ng	99
91) Dibenzo(a,h)anthracene	29.198	278	6912050	50.416	ng	100
92) Benzo(g,h,i)perylene	30.303	276	6698216	48.745	ng	98

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

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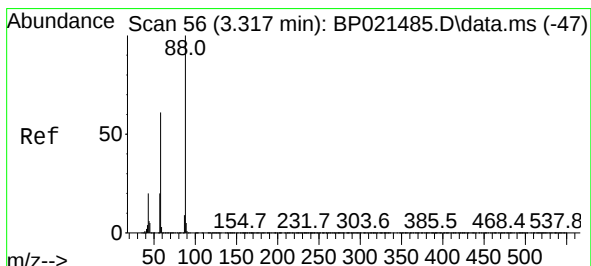
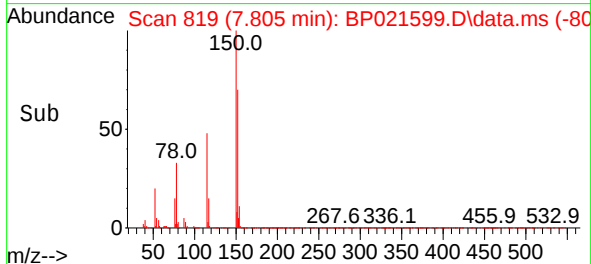
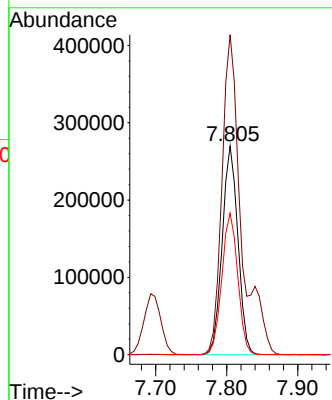
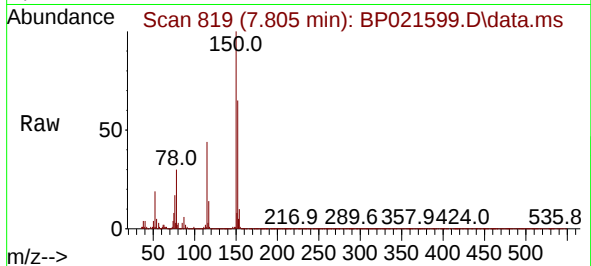




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

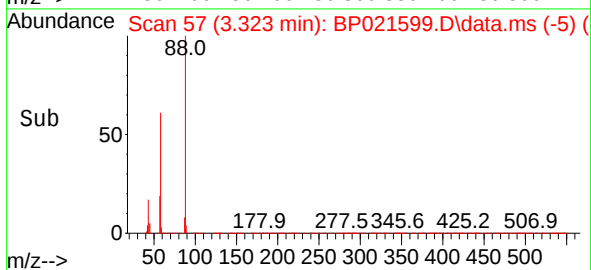
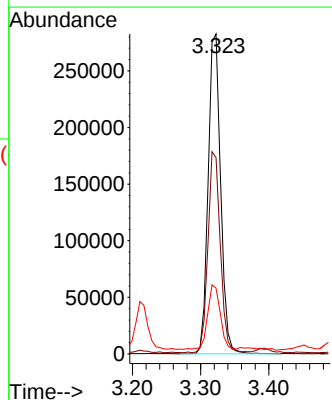
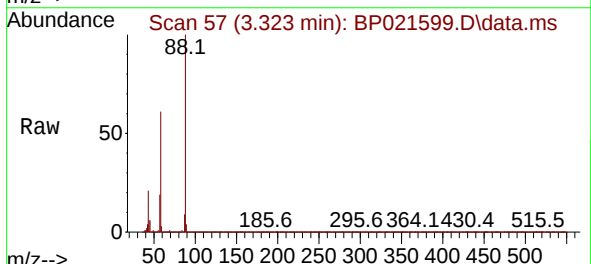
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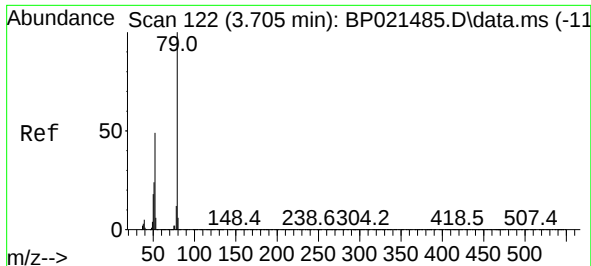
Tgt Ion:152 Resp: 412244
Ion Ratio Lower Upper
152 100
150 153.4 122.4 183.6
115 67.9 54.7 82.1



#2
1,4-Dioxane
Concen: 27.303 ng
RT: 3.323 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion: 88 Resp: 359415
Ion Ratio Lower Upper
88 100
58 62.3 48.7 73.1
43 20.4 15.4 23.2

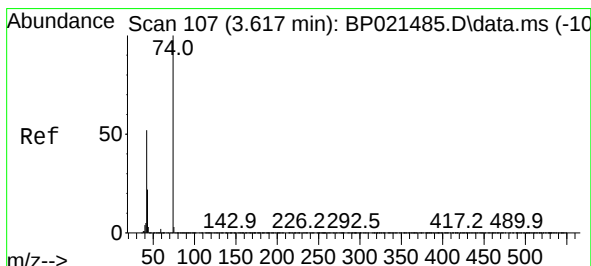
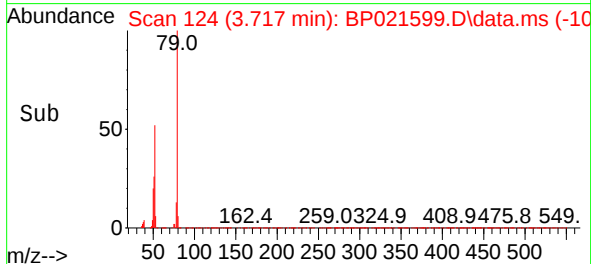
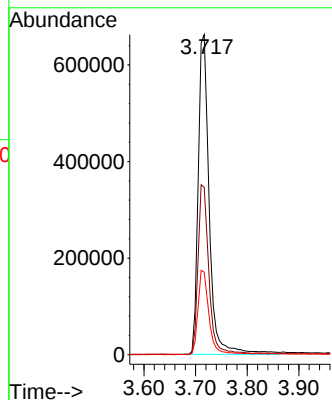
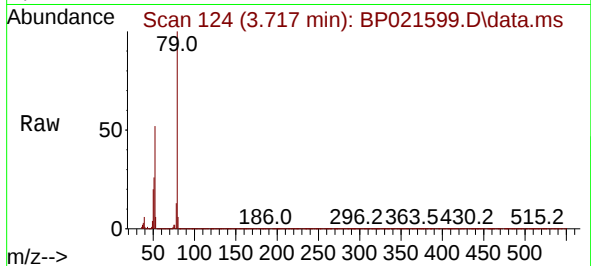




#3
Pyridine
Concen: 26.862 ng
RT: 3.717 min Scan# 122
Delta R.T. 0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

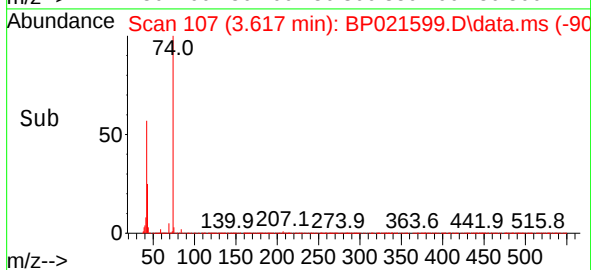
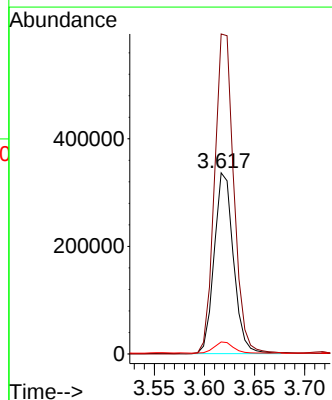
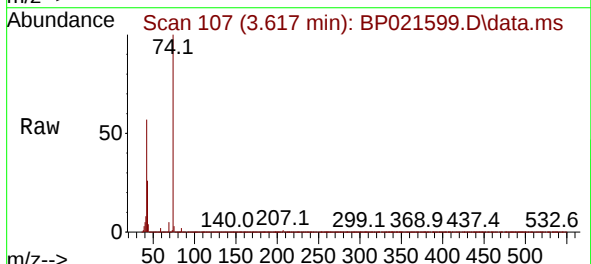
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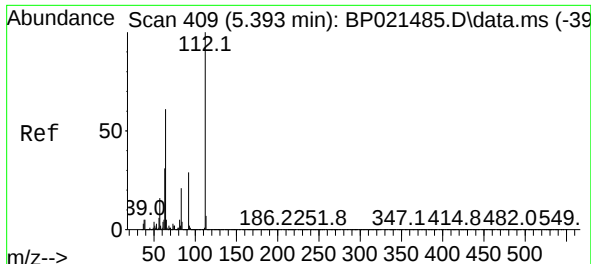
Tgt Ion: 79 Resp: 987174
Ion Ratio Lower Upper
79 100
52 52.3 39.0 58.6
51 25.8 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 40.696 ng
RT: 3.617 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion: 42 Resp: 449524
Ion Ratio Lower Upper
42 100
74 176.6 154.3 231.5
44 6.6 6.2 9.4

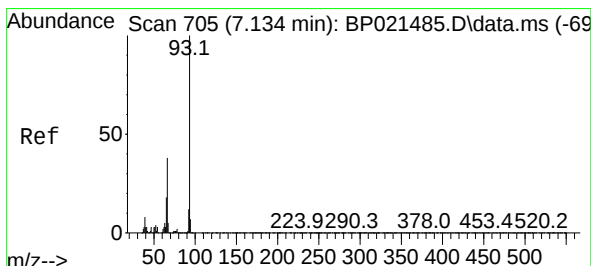
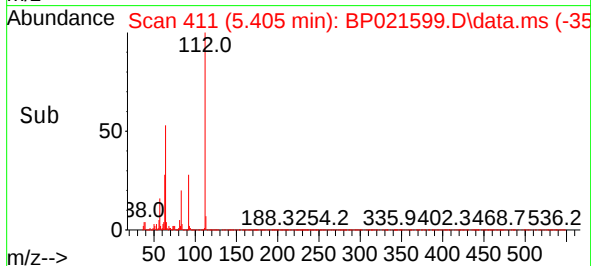
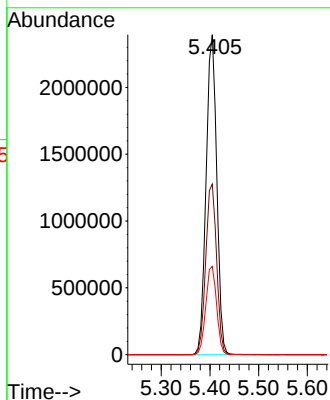
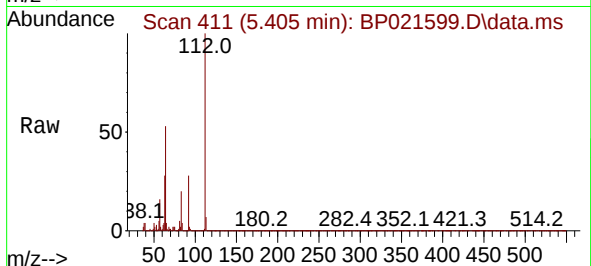




#5
2-Fluorophenol
Concen: 130.495 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

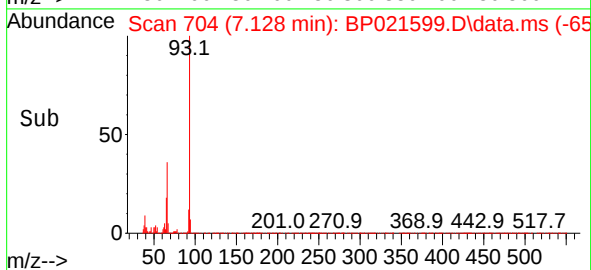
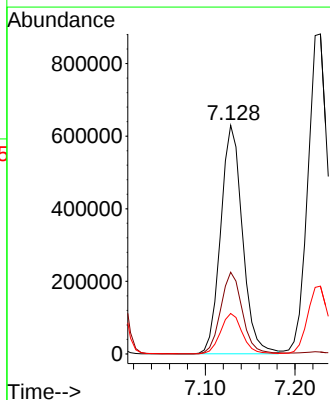
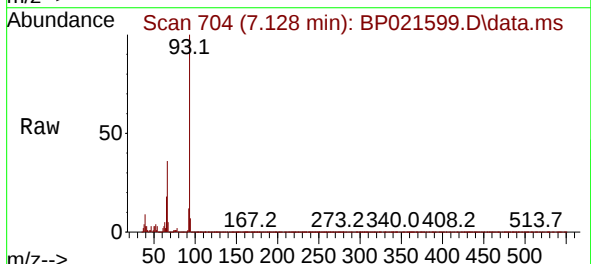
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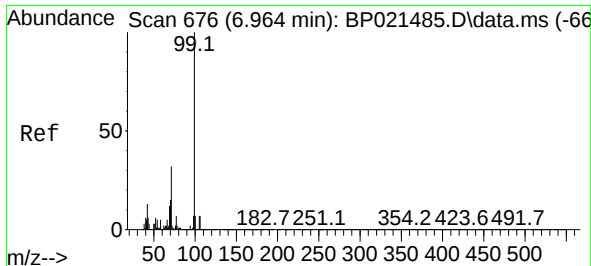
Tgt Ion:112 Resp: 3622949
Ion Ratio Lower Upper
112 100
64 53.3 49.0 73.6
63 27.6 24.6 36.8



#6
Aniline
Concen: 26.229 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion: 93 Resp: 1061986
Ion Ratio Lower Upper
93 100
66 35.8 30.2 45.2
65 17.7 14.7 22.1

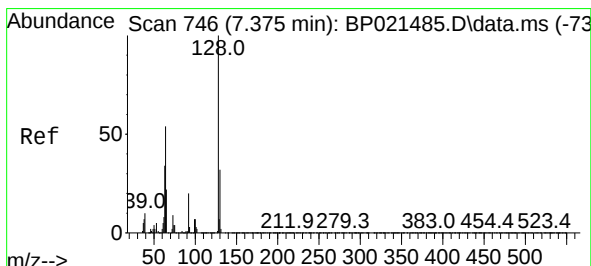
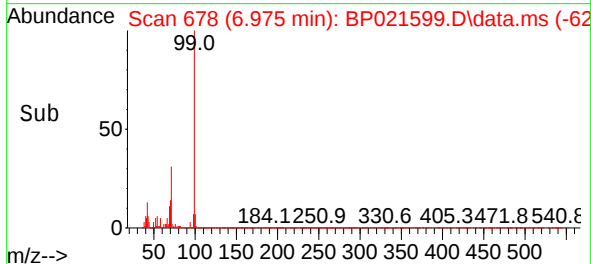
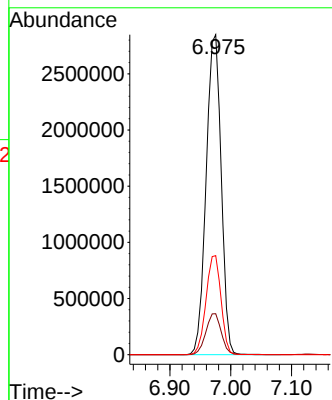
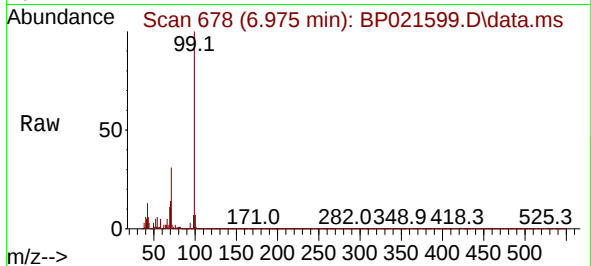




#7
Phenol-d6
Concen: 120.733 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

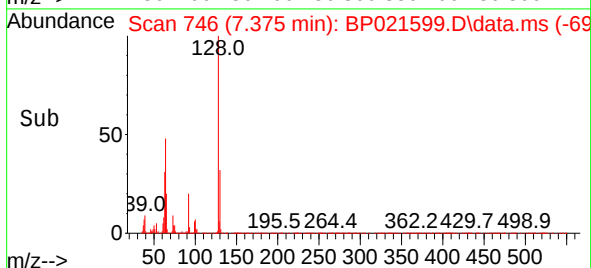
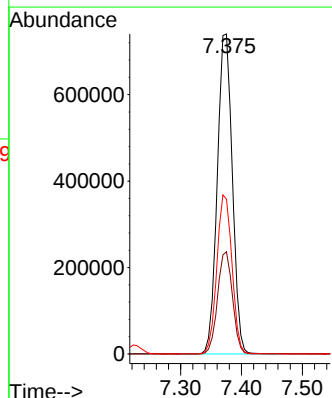
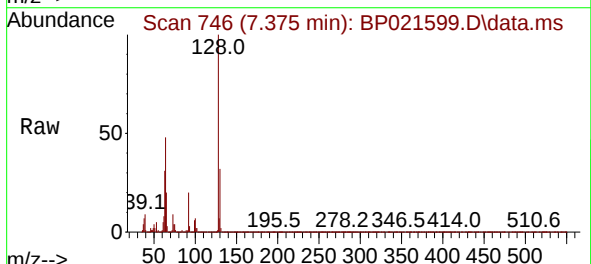
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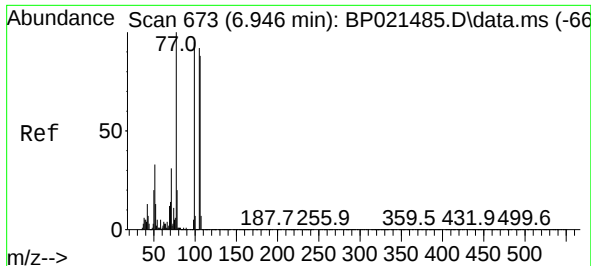
Tgt Ion: 99 Resp: 4889700
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 30.9 25.8 38.8



#8
2-Chlorophenol
Concen: 49.533 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021599.D
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Tgt Ion: 128 Resp: 1270850
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 48.4 35.3 75.3

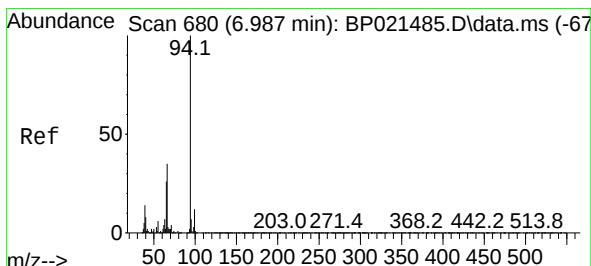
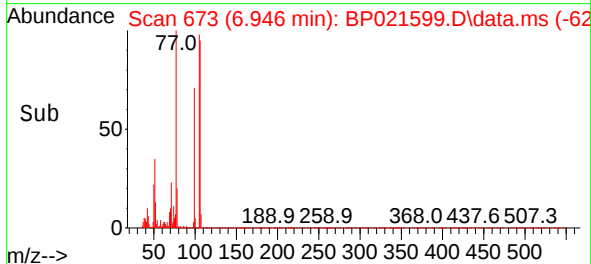
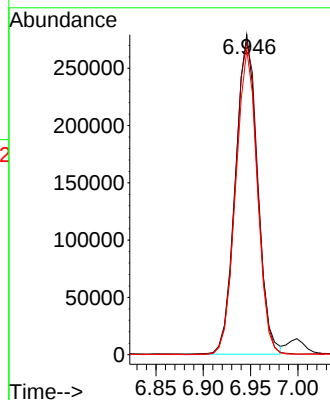
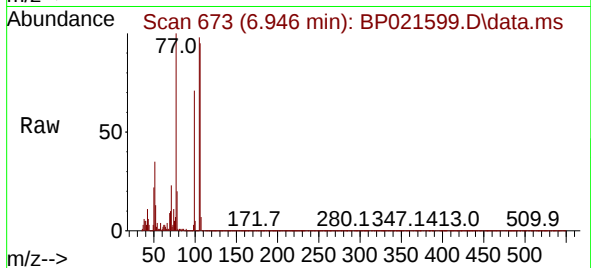




#9
Benzaldehyde
Concen: 17.315 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

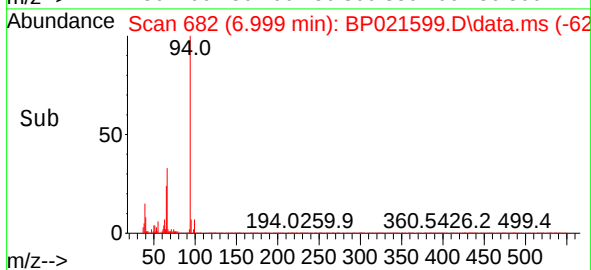
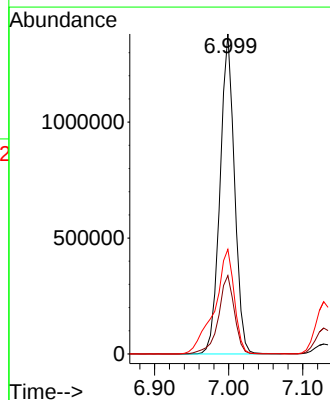
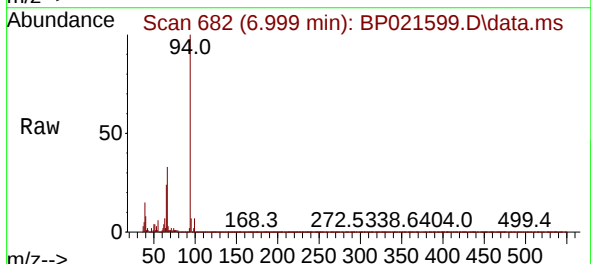
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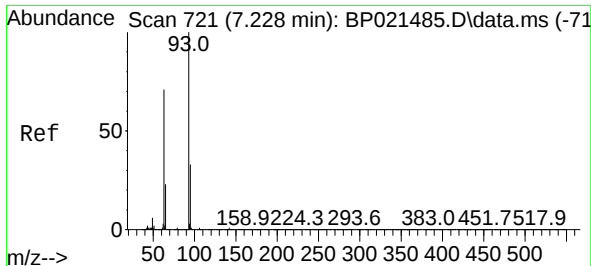
Tgt Ion: 77 Resp: 449008
Ion Ratio Lower Upper
77 100
105 97.7 72.1 112.1
106 95.3 67.9 107.9



#10
Phenol
Concen: 44.635 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion: 94 Resp: 1871956
Ion Ratio Lower Upper
94 100
65 24.5 6.5 46.5
66 32.7 14.7 54.7

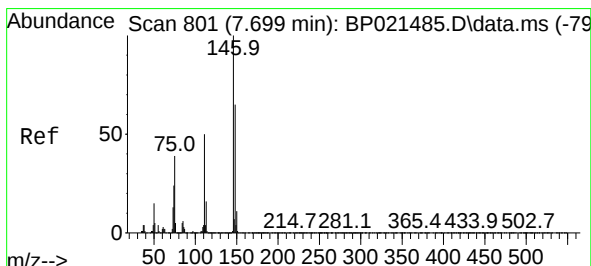
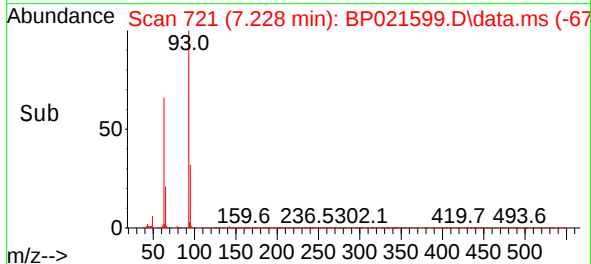
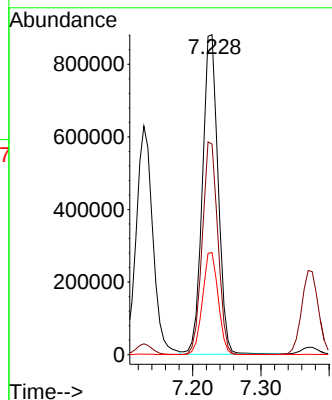
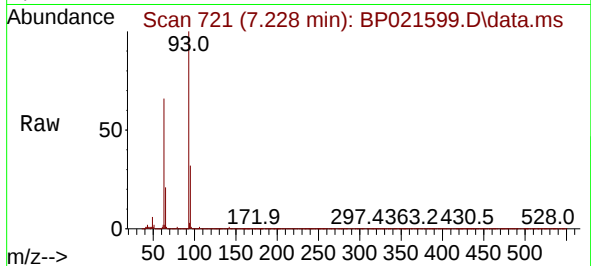




#11
bis(2-Chloroethyl)ether
Concen: 39.669 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

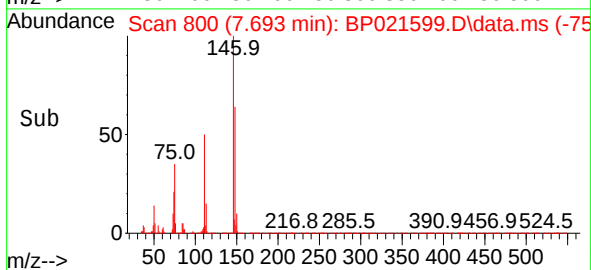
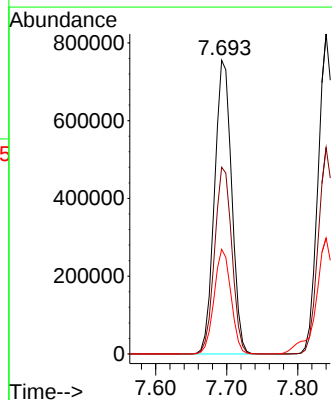
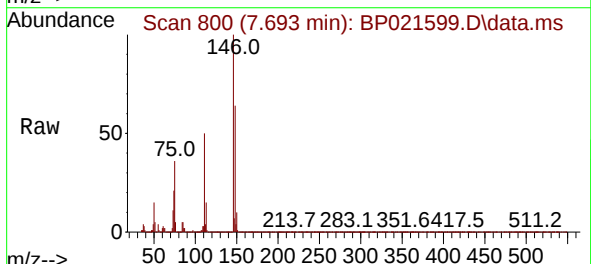
Instrument :
BNA_P
ClientSampleId :
PB162878BS

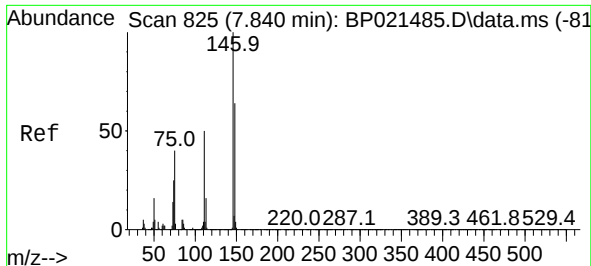
Tgt Ion: 93 Resp: 1407754
Ion Ratio Lower Upper
93 100
63 65.8 51.0 91.0
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.503 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion: 146 Resp: 1264837
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
75 35.6 31.3 46.9

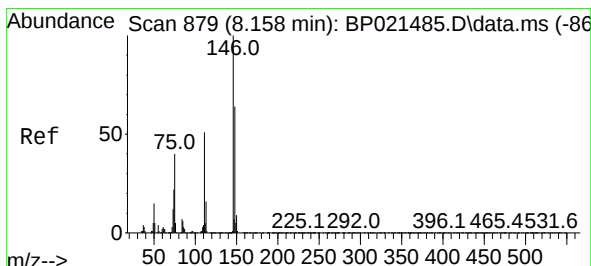
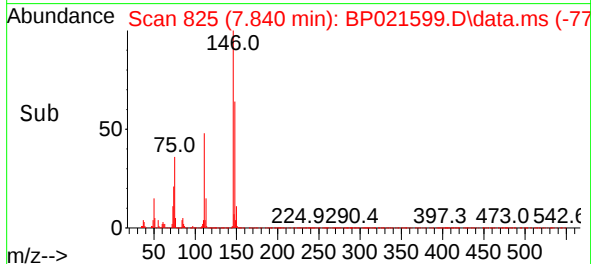
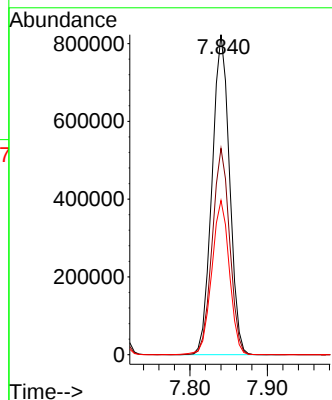
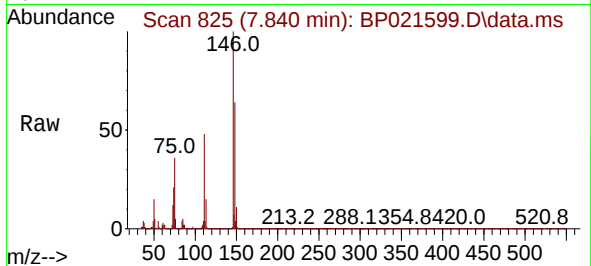




#13
1,4-Dichlorobenzene
Concen: 41.861 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

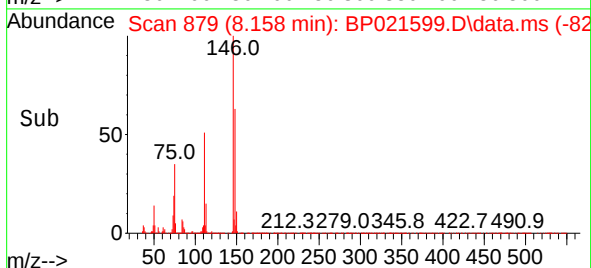
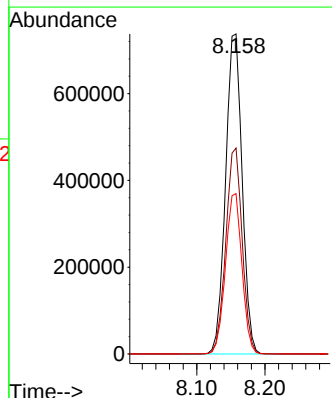
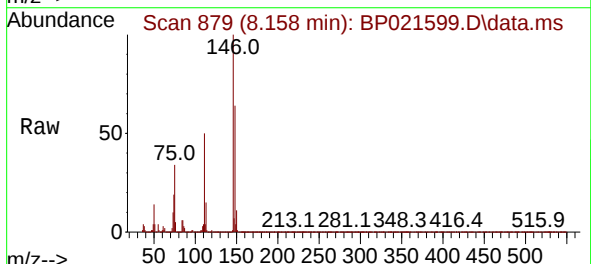
Instrument :
BNA_P
ClientSampleId :
PB162878BS

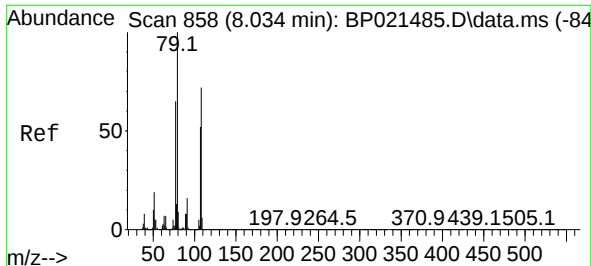
Tgt Ion:146 Resp: 1288203
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 48.2 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 42.029 ng
RT: 8.158 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:146 Resp: 1246381
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 50.1 41.1 61.7

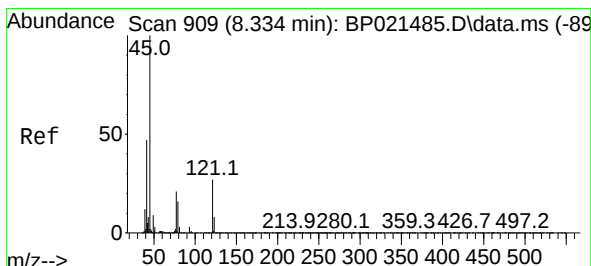
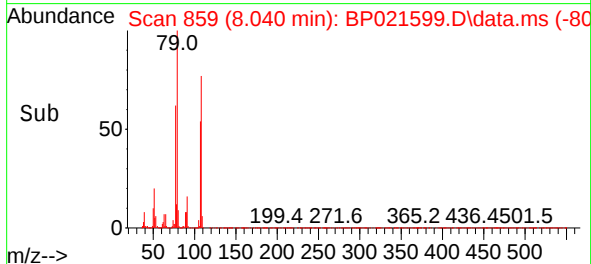
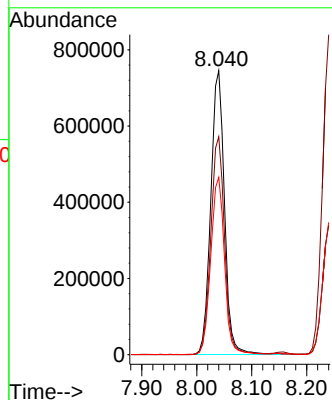
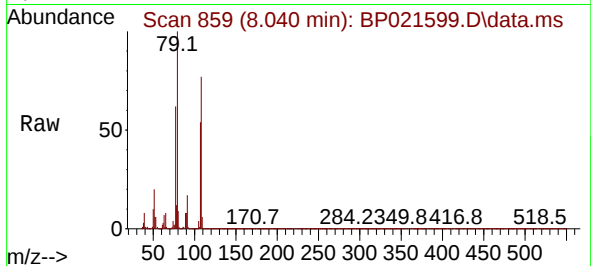




#15
Benzyl Alcohol
Concen: 44.405 ng
RT: 8.040 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

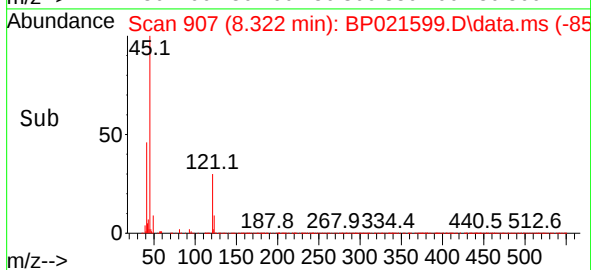
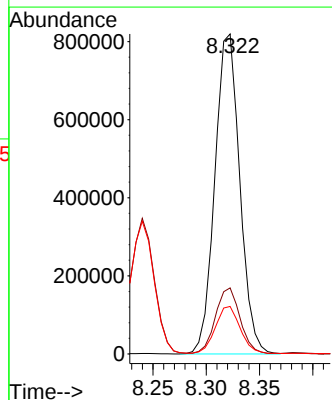
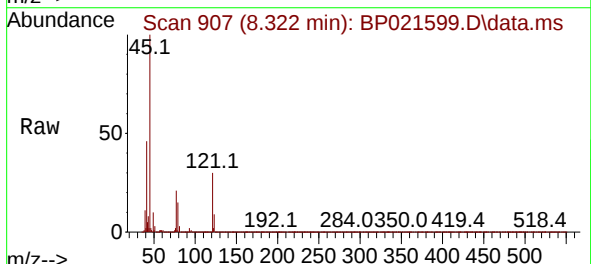
Instrument :
BNA_P
ClientSampleId :
PB162878BS

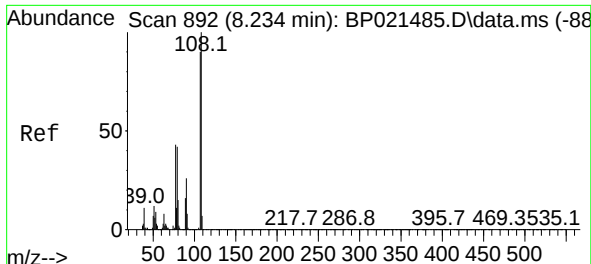
Tgt Ion: 79 Resp: 1290363
Ion Ratio Lower Upper
79 100
108 76.7 57.9 86.9
77 62.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.727 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion: 45 Resp: 1330956
Ion Ratio Lower Upper
45 100
77 20.7 1.9 41.9
79 14.9 0.0 36.6



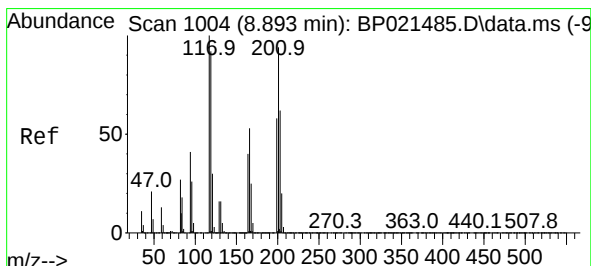
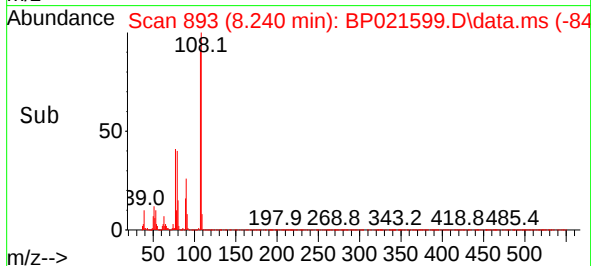
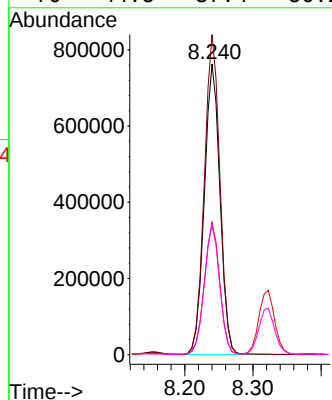
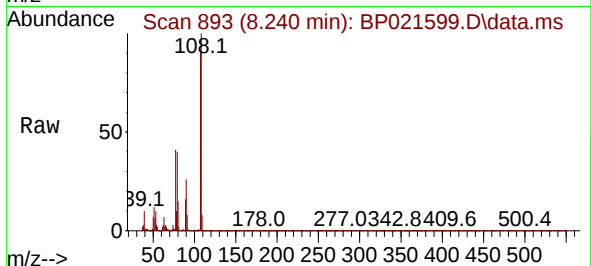


#17
2-Methylphenol
Concen: 45.719 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Instrument :
BNA_P
ClientSampleId :
PB162878BS

Tgt Ion:107 Resp: 1212157

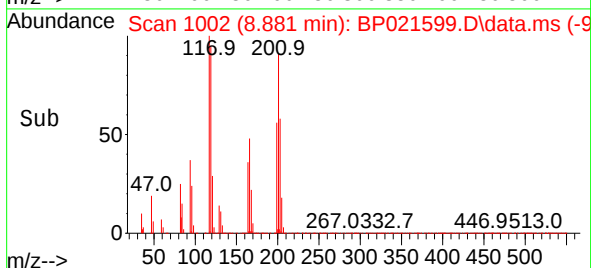
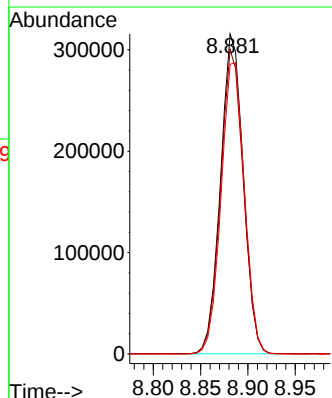
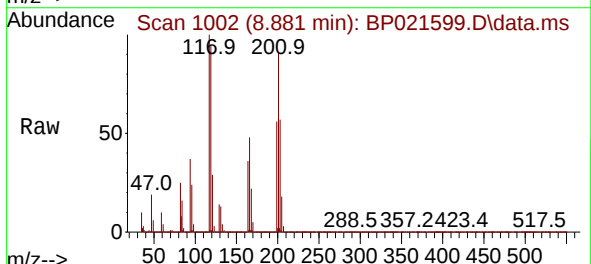
Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.8	133.2
77	45.6	38.7	58.1
79	44.5	37.4	56.2

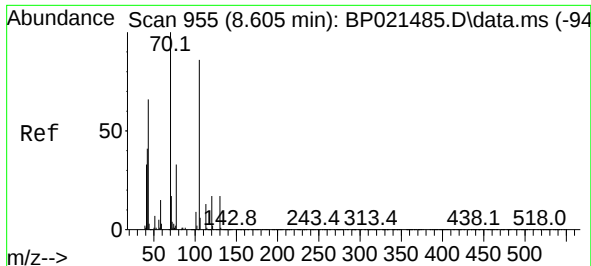


#18
Hexachloroethane
Concen: 42.854 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:117 Resp: 528824

Ion	Ratio	Lower	Upper
117	100		
119	95.2	73.9	110.9
201	90.6	74.9	112.3

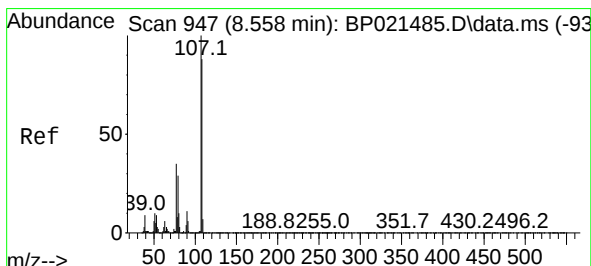
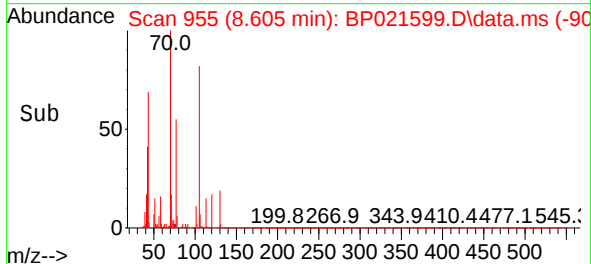
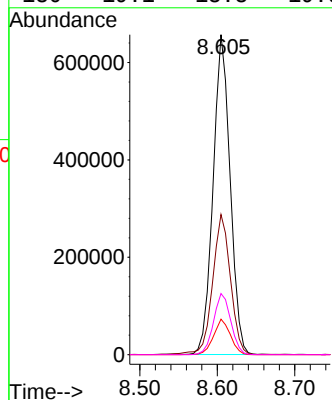
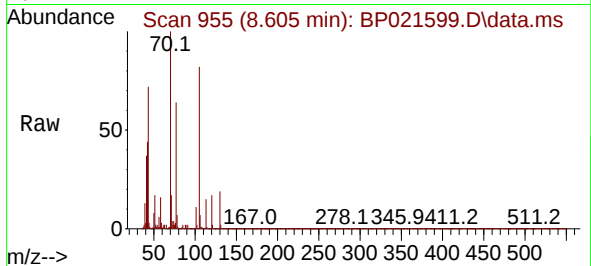




#19
n-Nitroso-di-n-propylamine
Concen: 35.793 ng
RT: 8.605 min Scan# 955
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

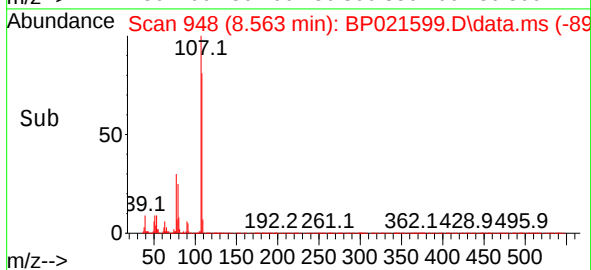
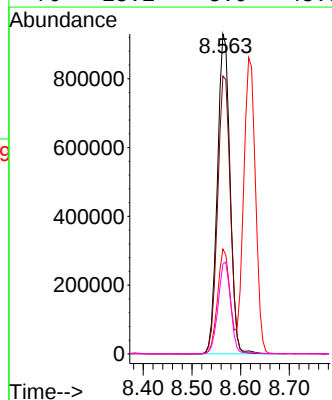
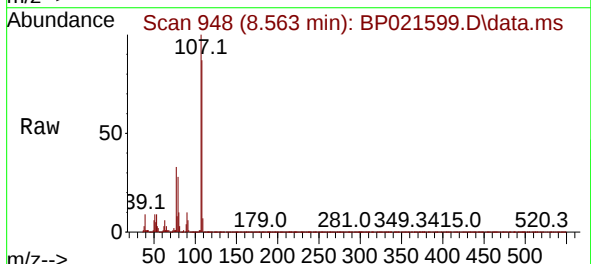
Instrument :
BNA_P
ClientSampleId :
PB162878BS

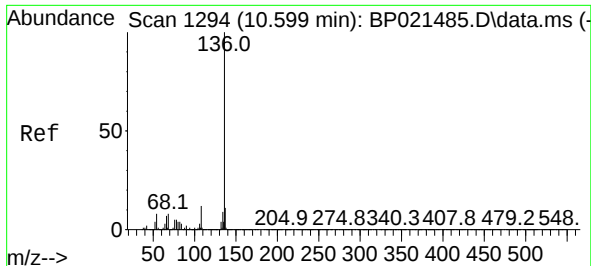
Tgt Ion: 70 Resp: 1001353
Ion Ratio Lower Upper
70 100
42 43.8 33.1 49.7
101 11.1 7.4 11.2
130 19.1 13.3 19.9



#20
3+4-Methylphenols
Concen: 47.005 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:107 Resp: 1680449
Ion Ratio Lower Upper
107 100
108 86.8 67.6 107.6
77 32.8 15.0 55.0
79 28.1 8.9 48.9

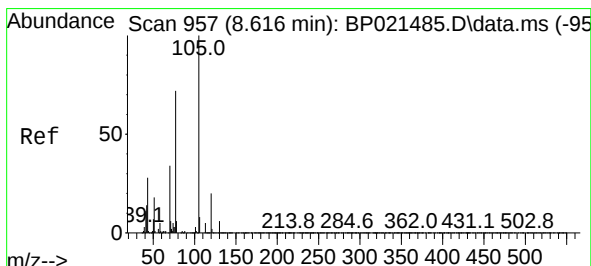
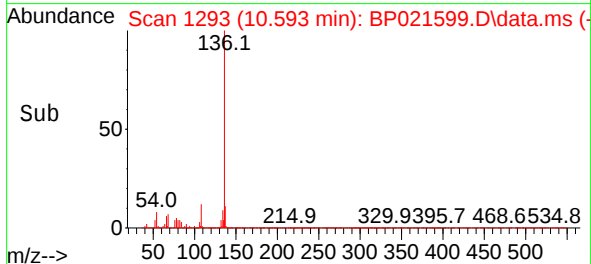
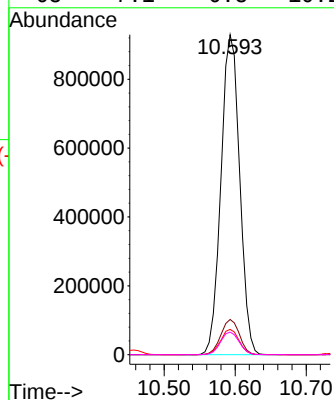
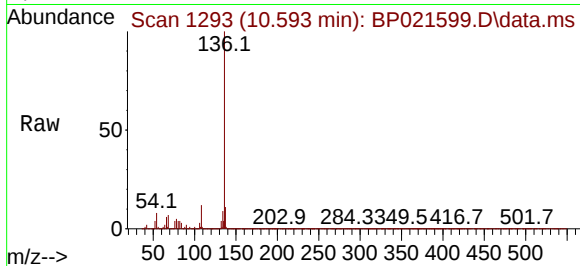




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

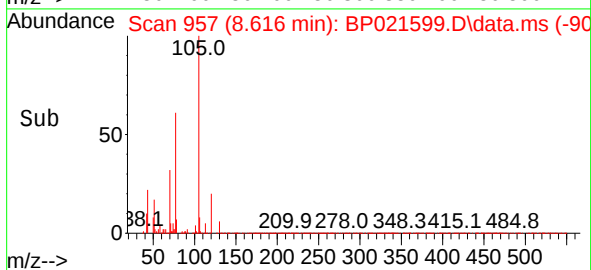
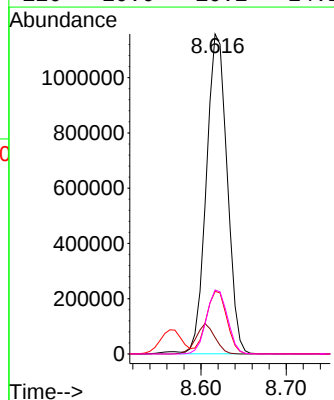
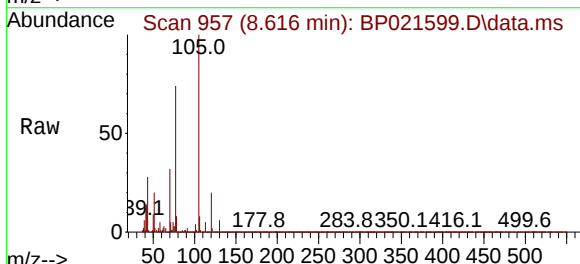
Instrument :
BNA_P
ClientSampleId :
PB162878BS

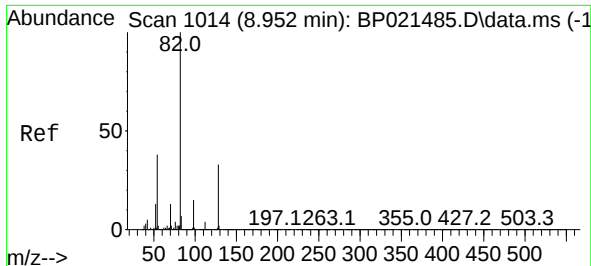
Tgt Ion:136 Resp: 1693907
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.3 9.5
68 7.1 6.8 10.2



#22
Acetophenone
Concen: 37.605 ng
RT: 8.616 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:105 Resp: 1956942
Ion Ratio Lower Upper
105 100
71 5.2 4.6 7.0
51 19.6 16.3 24.5
120 20.0 16.2 24.2





#23

Nitrobenzene-d5

Concen: 88.797 ng

RT: 8.952 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

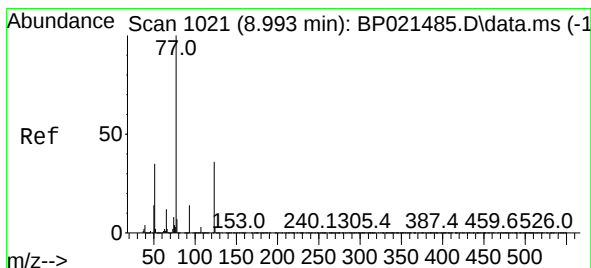
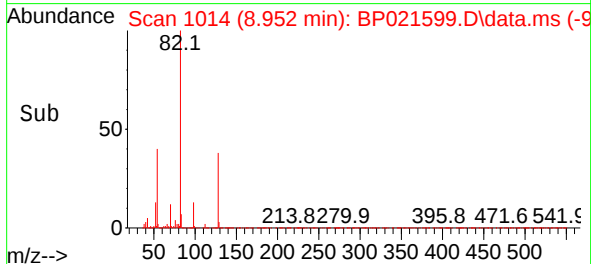
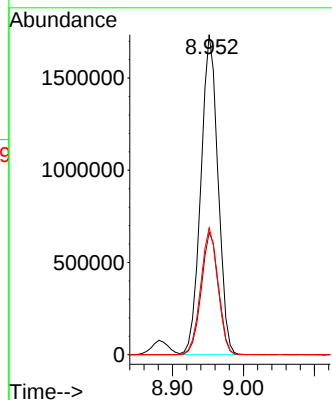
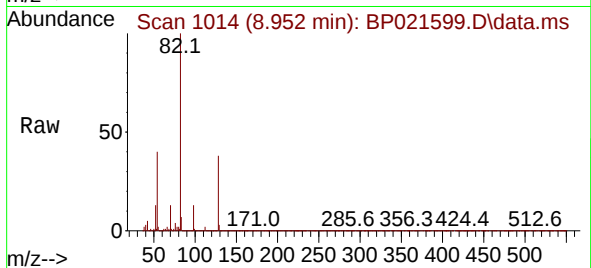
Tgt Ion: 82 Resp: 2914163

Ion Ratio Lower Upper

82 100

128 38.2 26.5 39.7

54 39.6 30.3 45.5



#24

Nitrobenzene

Concen: 42.171 ng

RT: 8.993 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

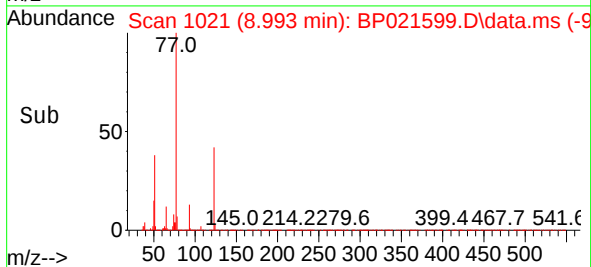
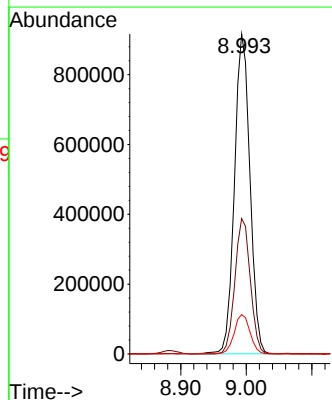
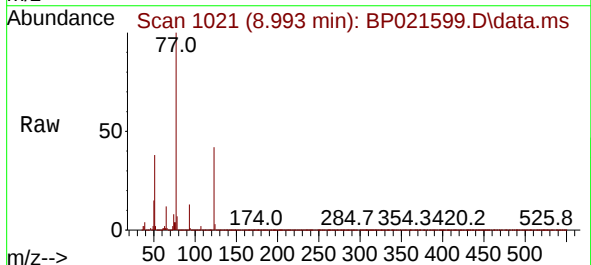
Tgt Ion: 77 Resp: 1503140

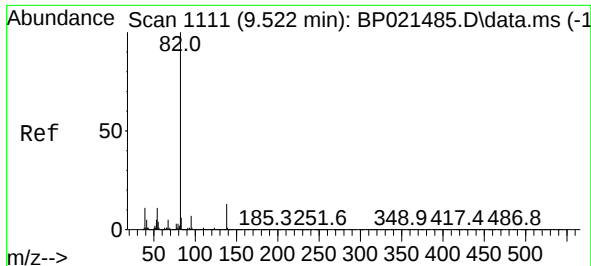
Ion Ratio Lower Upper

77 100

123 42.3 29.5 44.3

65 12.3 9.9 14.9

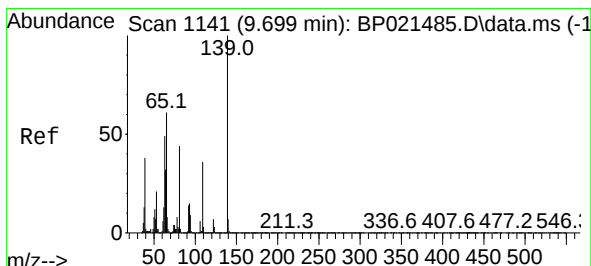
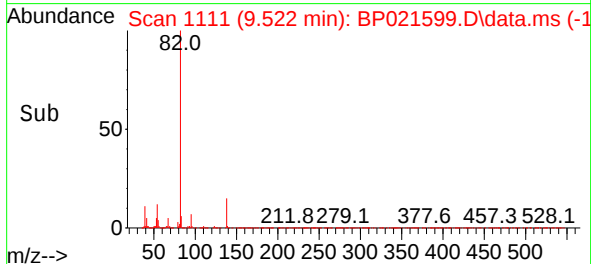
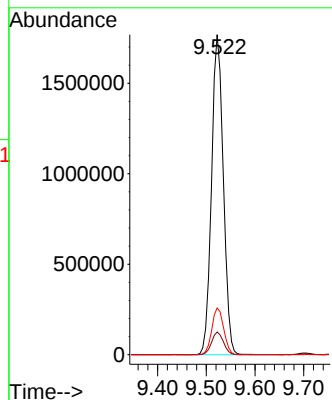
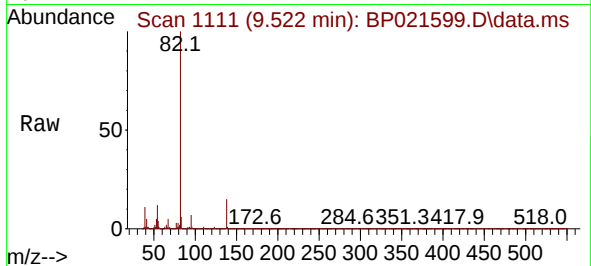




#25
Isophorone
Concen: 38.100 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

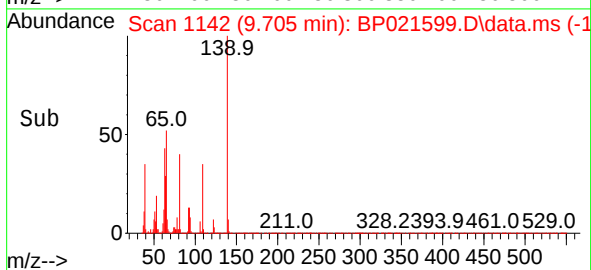
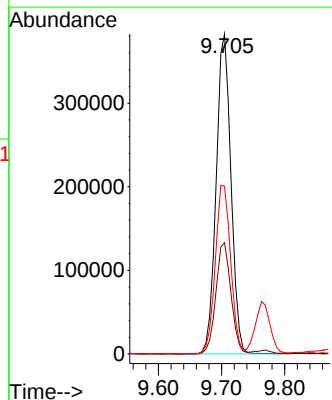
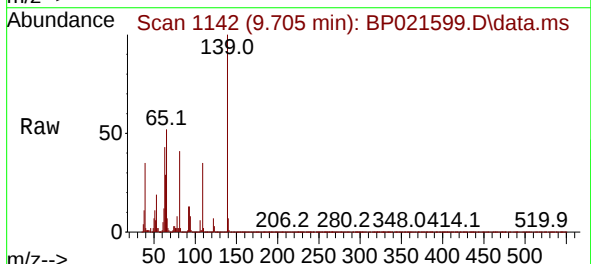
Instrument :
BNA_P
ClientSampleId :
PB162878BS

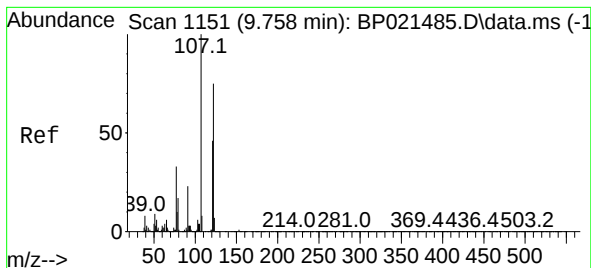
Tgt Ion: 82 Resp: 2953927
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 14.6 10.6 16.0



#26
2-Nitrophenol
Concen: 60.822 ng
RT: 9.705 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:139 Resp: 622236
Ion Ratio Lower Upper
139 100
109 34.7 28.9 43.3
65 52.4 49.0 73.6





#27

2,4-Dimethylphenol

Concen: 50.269 ng

RT: 9.763 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

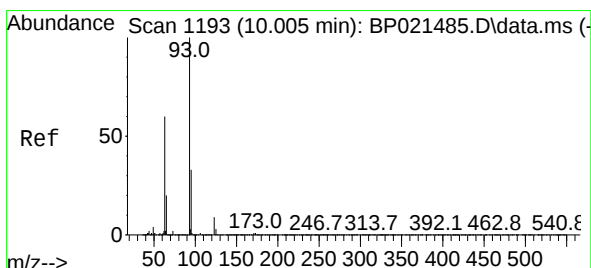
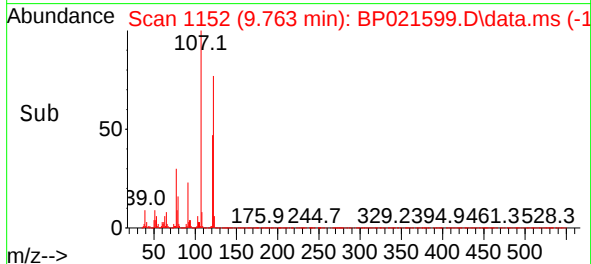
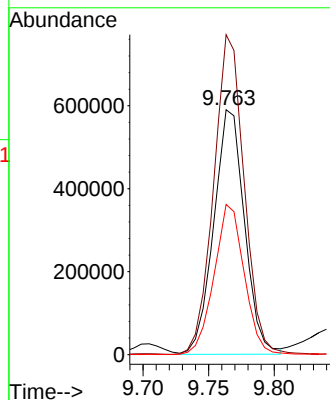
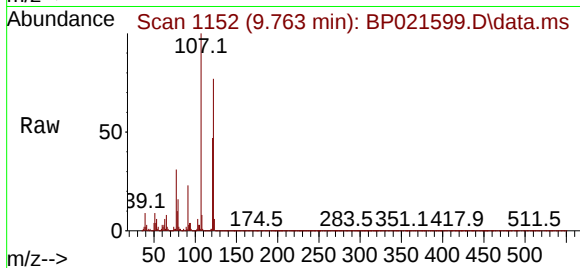
Tgt Ion:122 Resp: 961832

Ion Ratio Lower Upper

122 100

107 130.6 106.2 159.4

121 61.4 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 39.763 ng

RT: 9.999 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

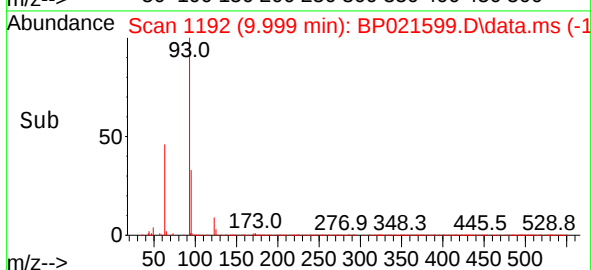
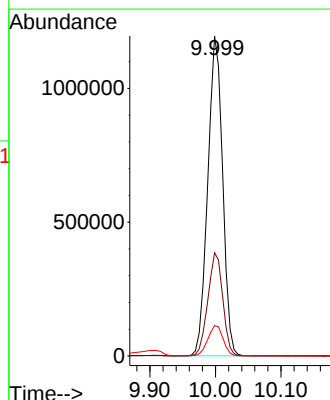
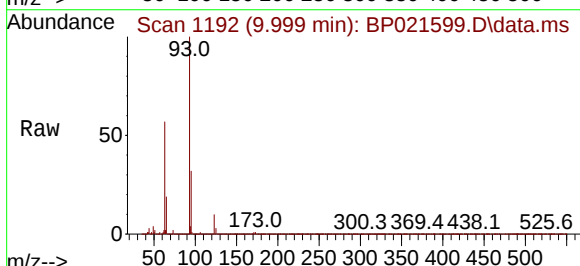
Tgt Ion: 93 Resp: 1881847

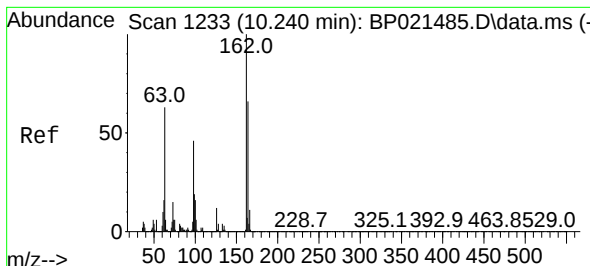
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

123 9.5 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 51.815 ng

RT: 10.240 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

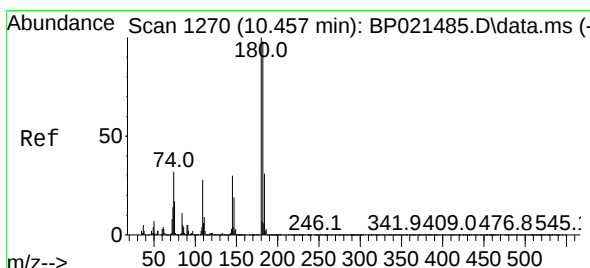
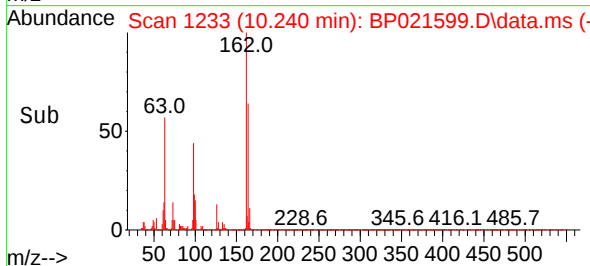
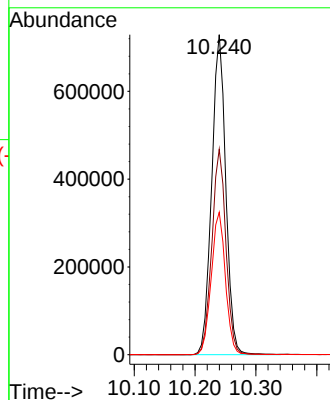
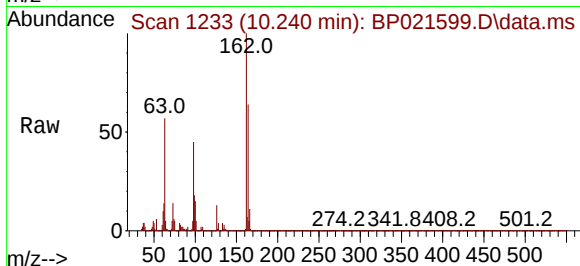
Tgt Ion:162 Resp: 1171377

Ion Ratio Lower Upper

162 100

164 64.2 45.9 85.9

98 44.5 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 41.796 ng

RT: 10.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

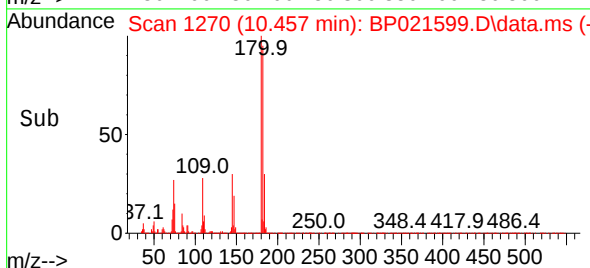
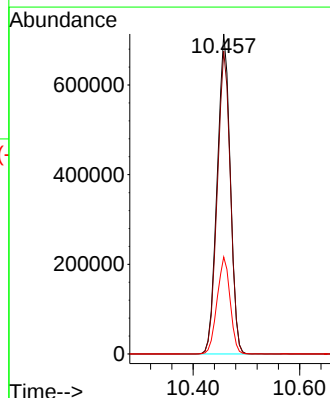
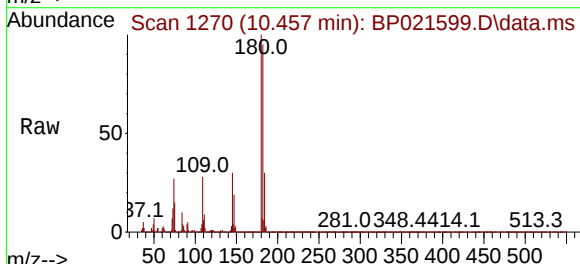
Tgt Ion:180 Resp: 1211383

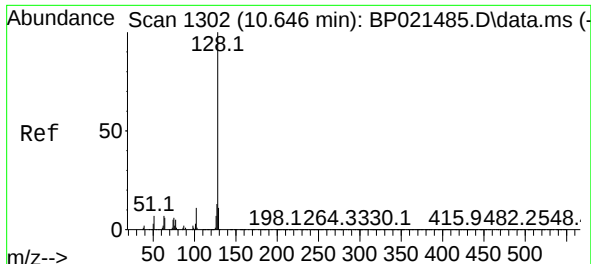
Ion Ratio Lower Upper

180 100

182 94.6 78.3 117.5

145 30.3 24.0 36.0

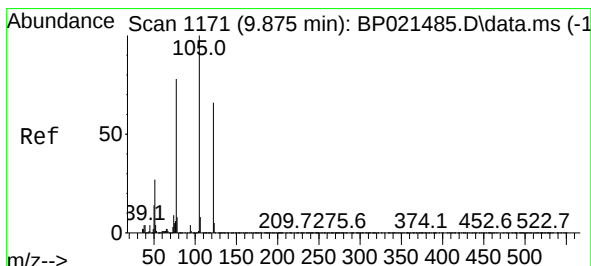
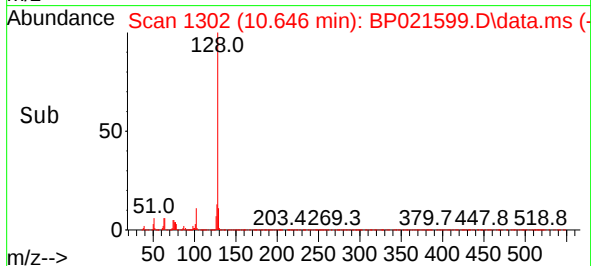
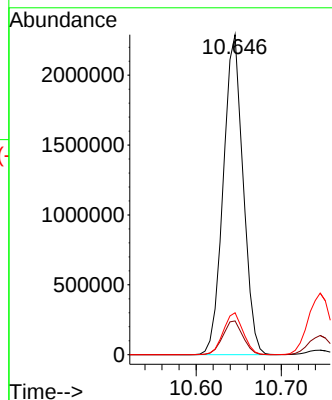
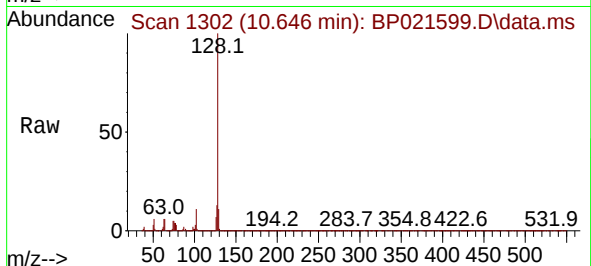




#31
Naphthalene
Concen: 41.821 ng
RT: 10.646 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

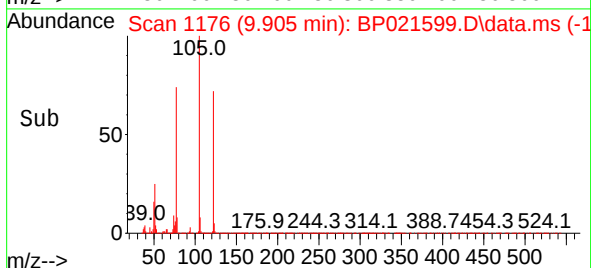
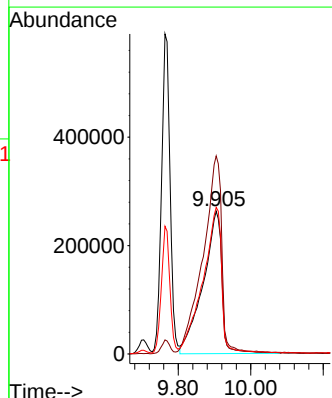
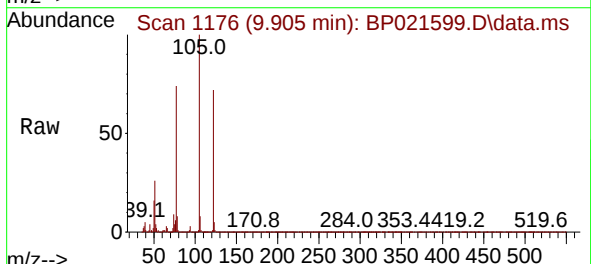
Instrument :
BNA_P
ClientSampleId :
PB162878BS

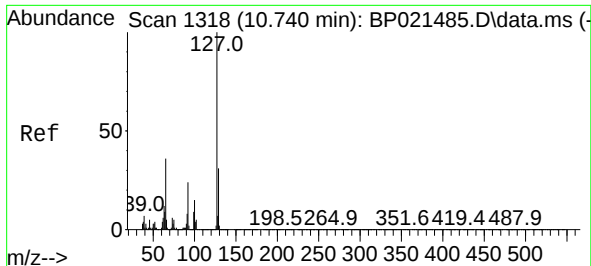
Tgt Ion:128 Resp: 3700733
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 65.477 ng
RT: 9.905 min Scan# 1176
Delta R.T. 0.030 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:122 Resp: 944235
Ion Ratio Lower Upper
122 100
105 138.8 124.6 164.6
77 102.7 96.2 136.2





#33

4-Chloroaniline

Concen: 24.846 ng

RT: 10.746 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

Tgt Ion:127 Resp: 825876

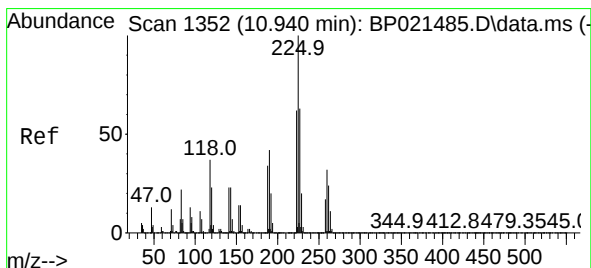
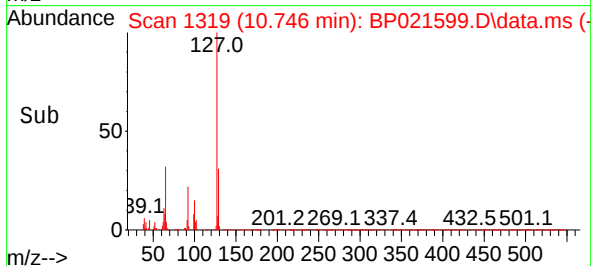
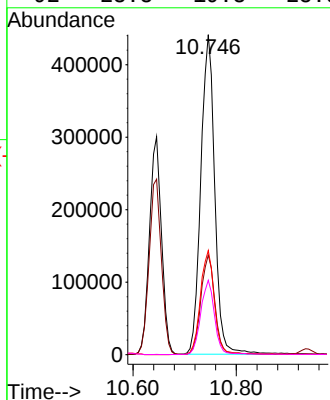
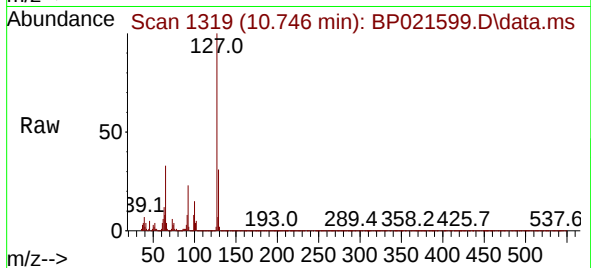
Ion Ratio Lower Upper

127 100

129 31.2 24.5 36.7

65 32.6 28.9 43.3

92 23.3 19.3 28.9



#34

Hexachlorobutadiene

Concen: 39.628 ng

RT: 10.934 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

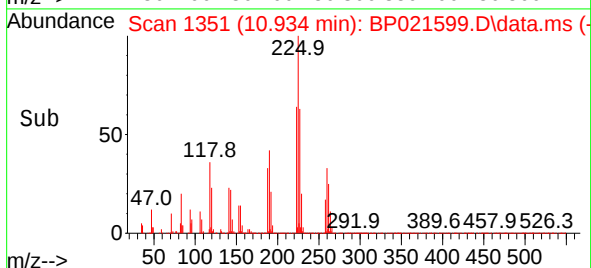
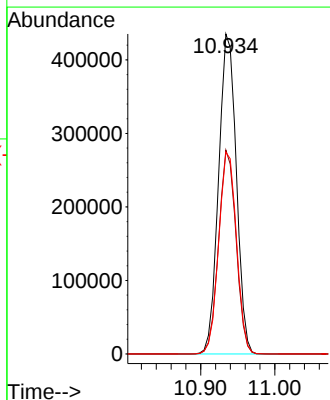
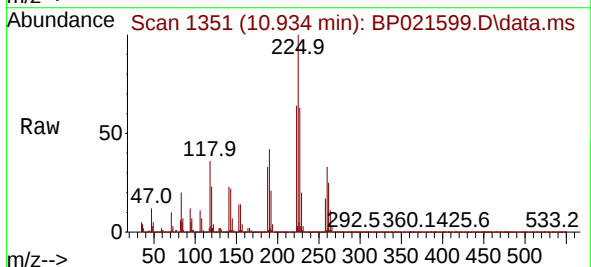
Tgt Ion:225 Resp: 723168

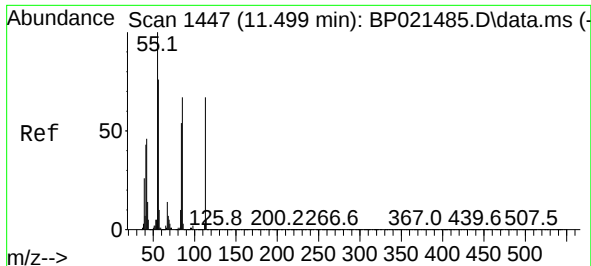
Ion Ratio Lower Upper

225 100

223 63.7 49.6 74.4

227 63.1 50.1 75.1





#35

Caprolactam

Concen: 46.438 ng

RT: 11.534 min Scan# 1447

Delta R.T. 0.035 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

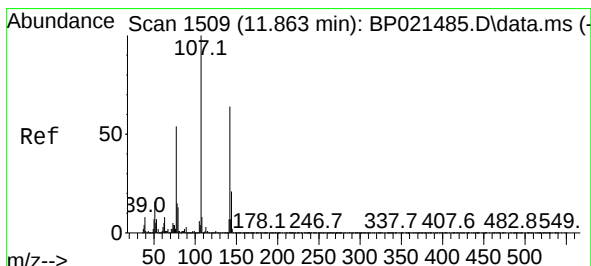
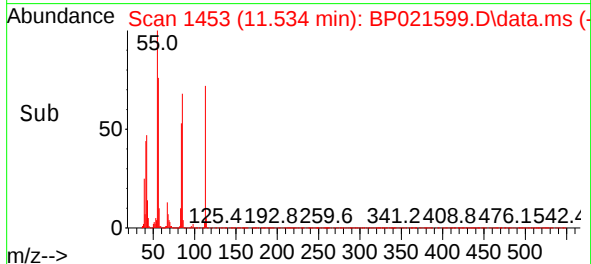
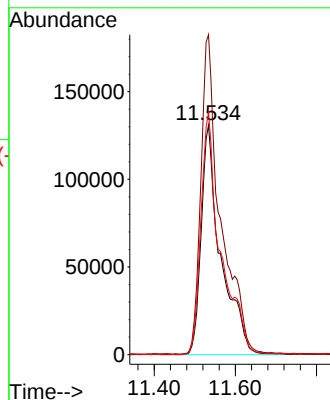
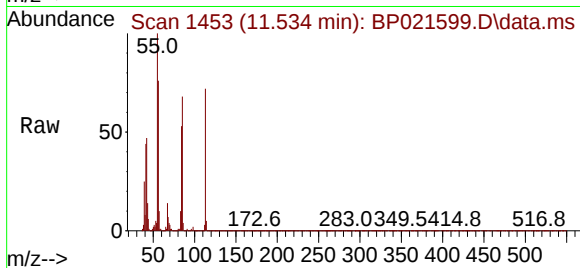
Tgt Ion:113 Resp: 436972

Ion Ratio Lower Upper

113 100

55 139.5 130.6 170.6

56 105.7 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 49.599 ng

RT: 11.875 min Scan# 1511

Delta R.T. 0.012 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

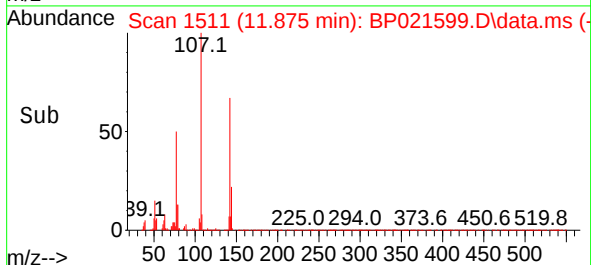
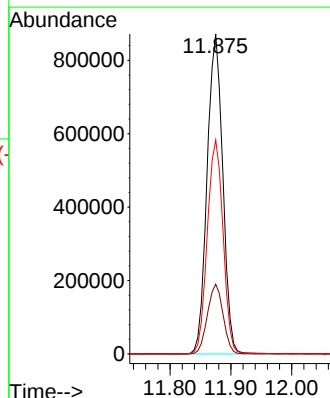
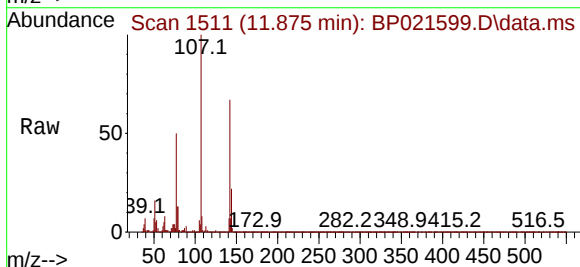
Tgt Ion:107 Resp: 1555408

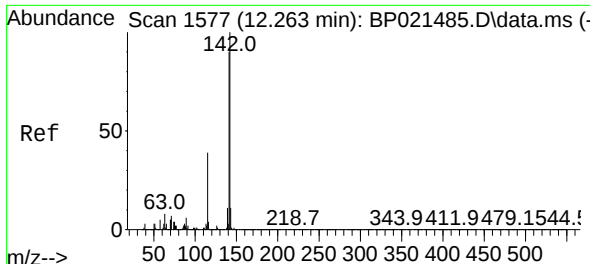
Ion Ratio Lower Upper

107 100

144 21.8 16.6 24.8

142 66.9 51.0 76.4

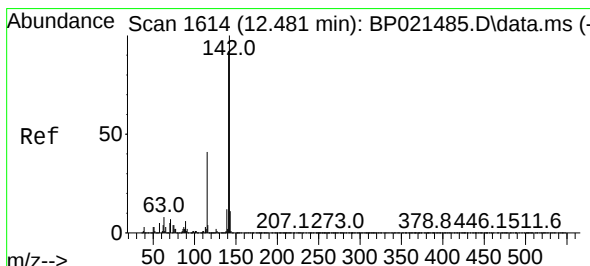
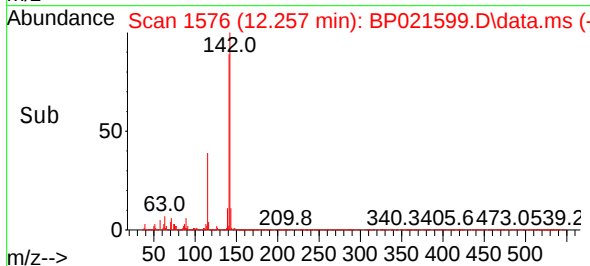
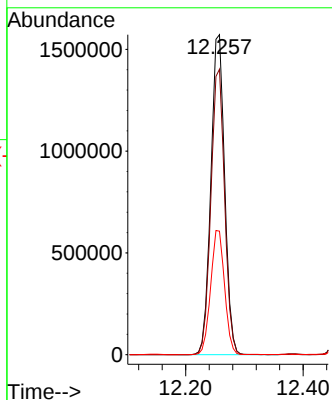
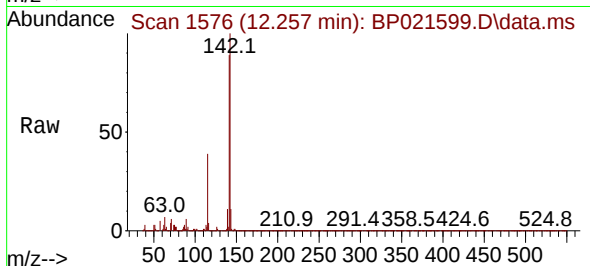




#37
2-Methylnaphthalene
Concen: 42.340 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

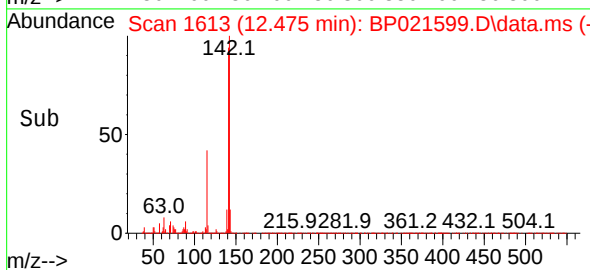
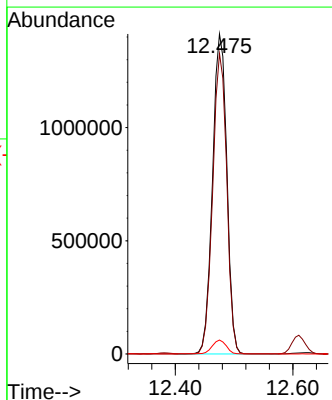
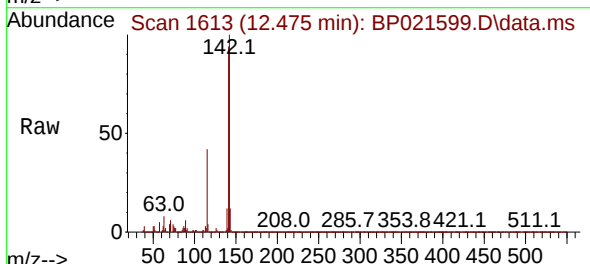
Instrument :
BNA_P
ClientSampleId :
PB162878BS

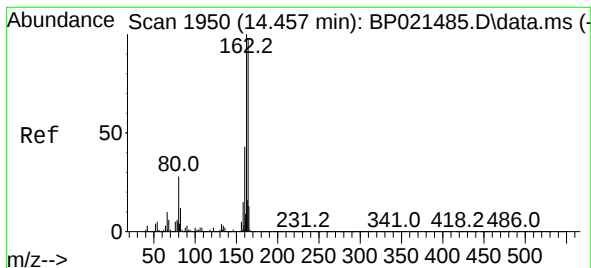
Tgt Ion:142 Resp: 2557102
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5
115 38.6 31.4 47.2



#38
1-Methylnaphthalene
Concen: 40.048 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:142 Resp: 2385425
Ion Ratio Lower Upper
142 100
141 93.9 73.5 110.3
116 4.4 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: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

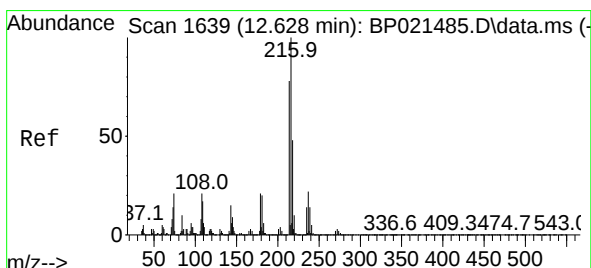
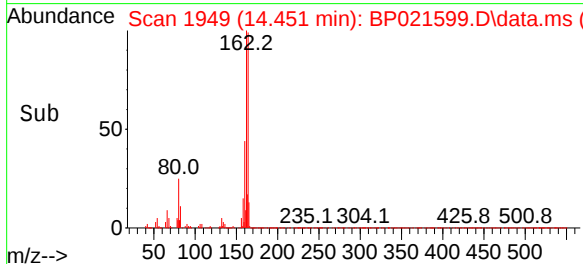
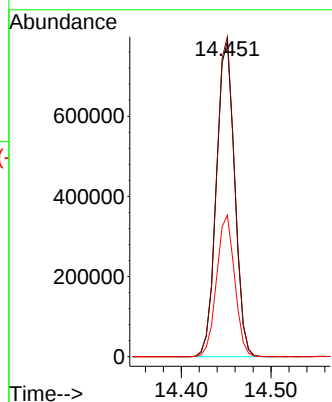
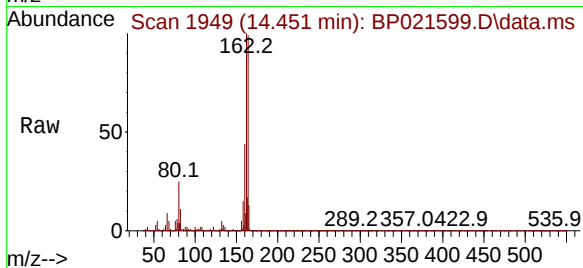
Tgt Ion:164 Resp: 1109834

Ion Ratio Lower Upper

164 100

162 101.4 81.5 122.3

160 44.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.572 ng

RT: 12.628 min Scan# 1639

Delta R.T. 0.000 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Tgt Ion:216 Resp: 1254314

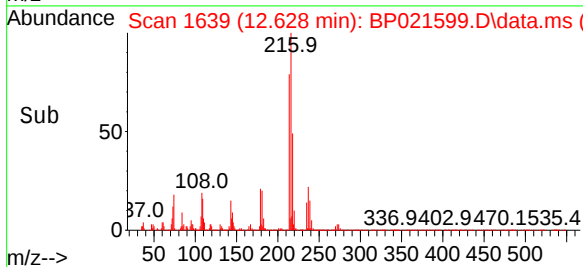
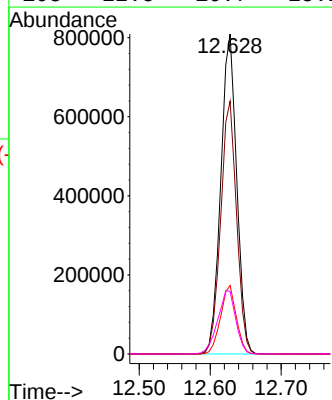
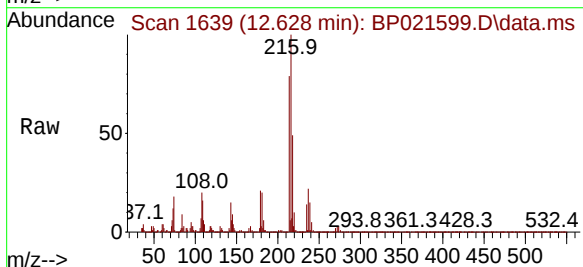
Ion Ratio Lower Upper

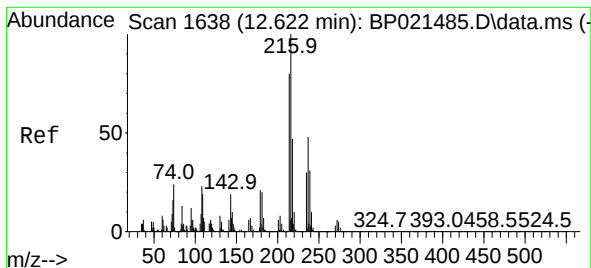
216 100

214 78.8 62.5 93.7

179 21.2 16.4 24.6

108 22.5 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 107.453 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

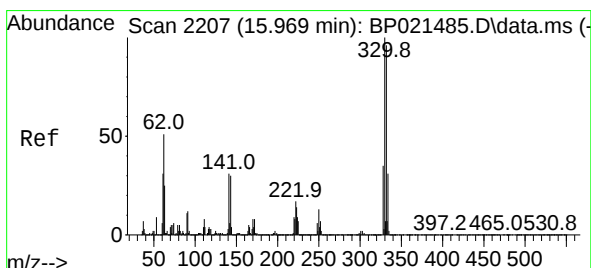
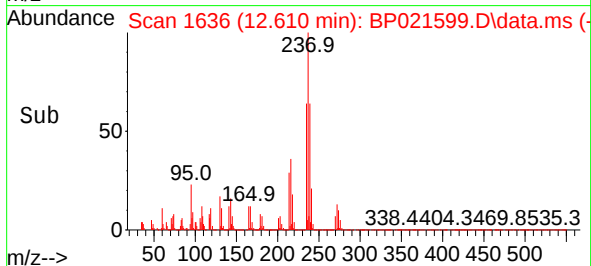
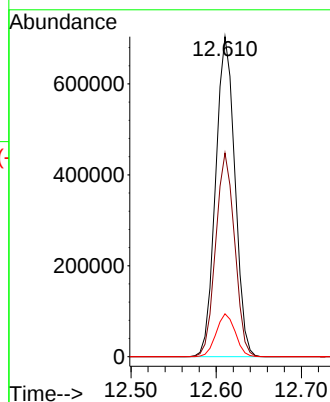
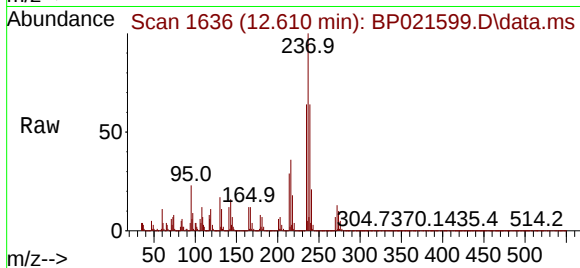
Tgt Ion:237 Resp: 1107445

Ion Ratio Lower Upper

237 100

235 63.7 43.9 83.9

272 13.4 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 149.614 ng

RT: 15.969 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

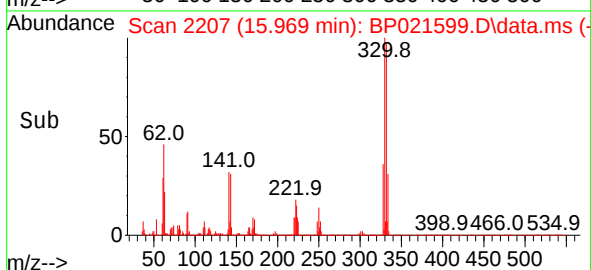
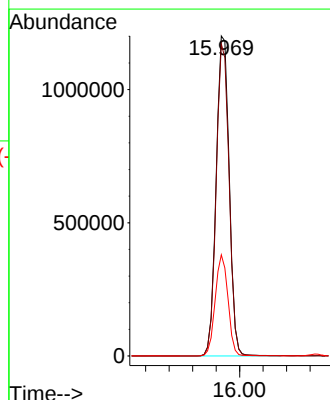
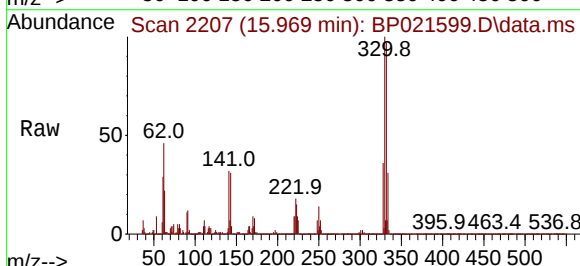
Tgt Ion:330 Resp: 1848029

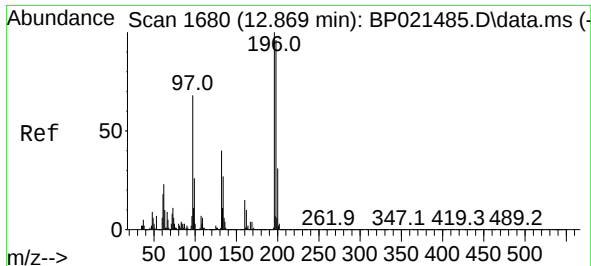
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 30.9 24.5 36.7

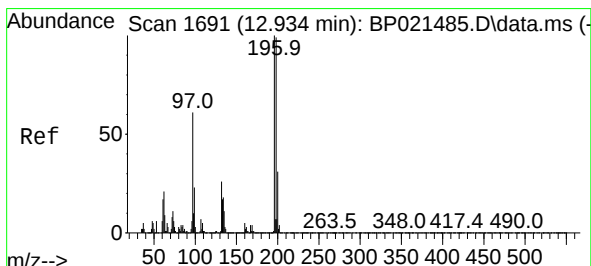
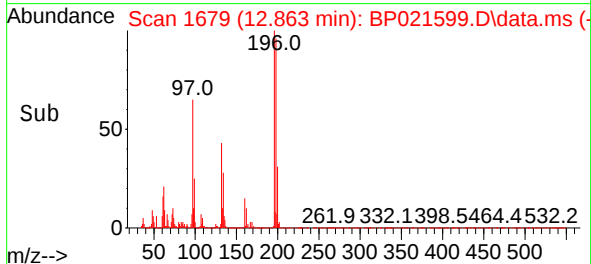
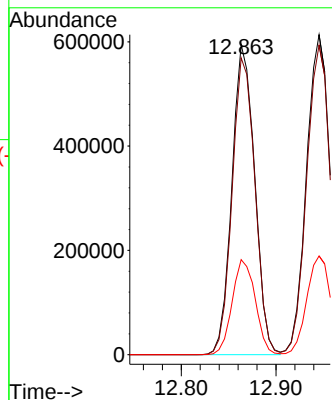
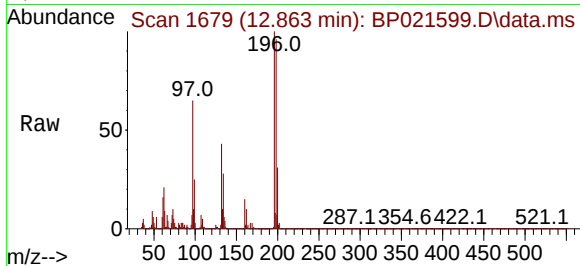




#43
2,4,6-Trichlorophenol
Concen: 54.915 ng
RT: 12.863 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

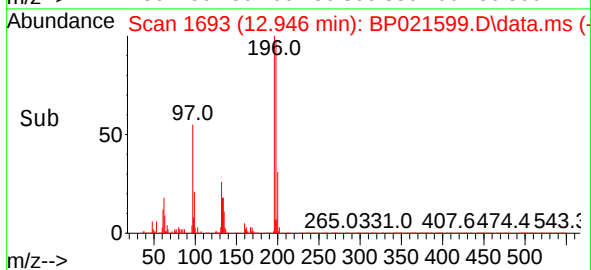
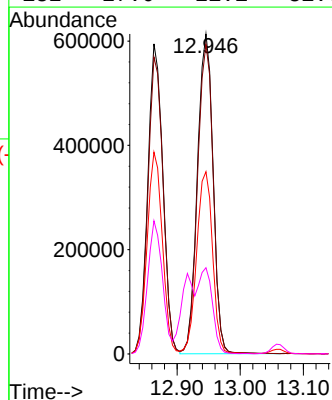
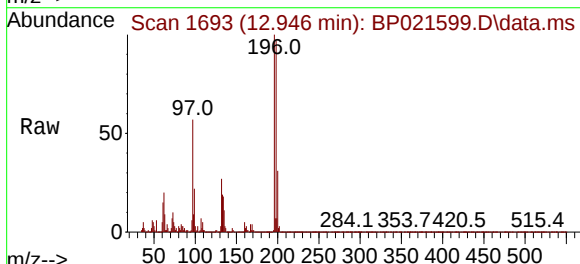
Instrument :
BNA_P
ClientSampleId :
PB162878BS

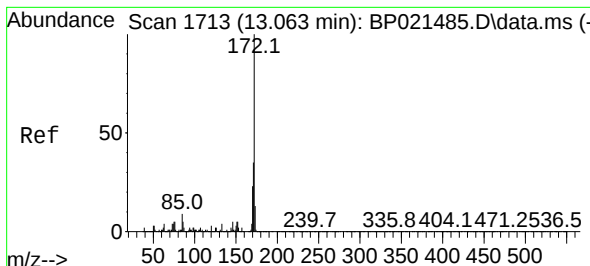
Tgt Ion:196 Resp: 991949
Ion Ratio Lower Upper
196 100
198 95.7 76.6 114.8
200 30.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 52.748 ng
RT: 12.946 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:196 Resp: 1058604
Ion Ratio Lower Upper
196 100
198 96.7 78.9 118.3
97 57.0 49.4 74.0
132 27.0 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 76.913 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

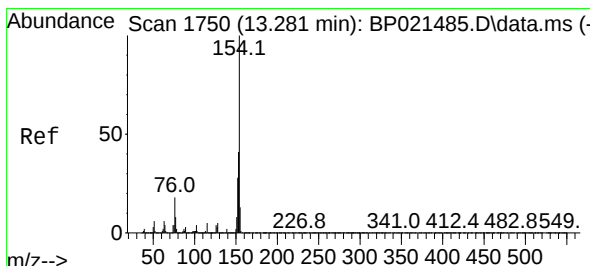
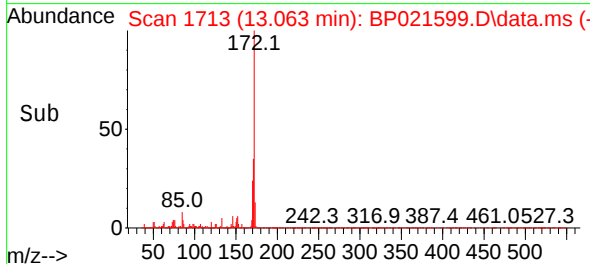
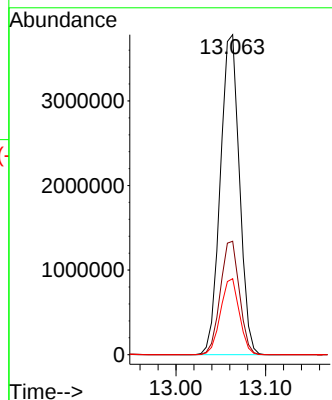
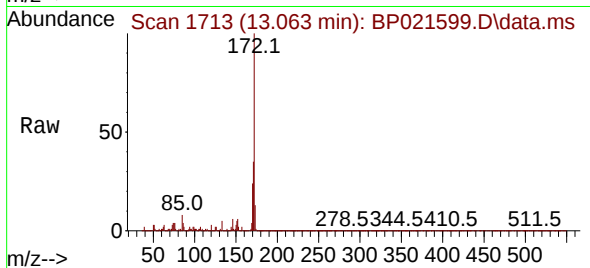
Tgt Ion:172 Resp: 5593154

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.7 18.4 27.6



#46

1,1'-Biphenyl

Concen: 39.521 ng

RT: 13.275 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

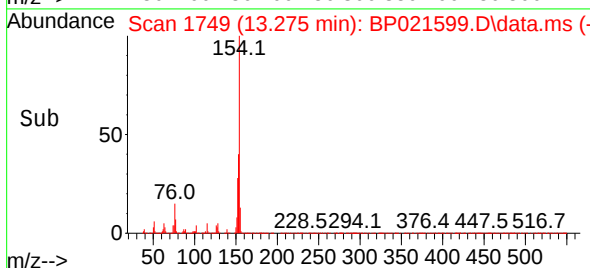
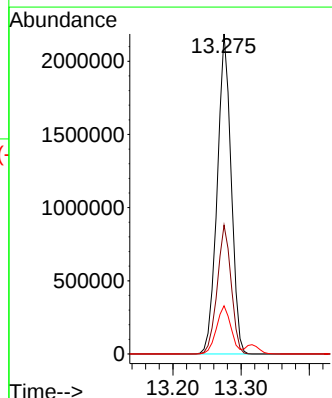
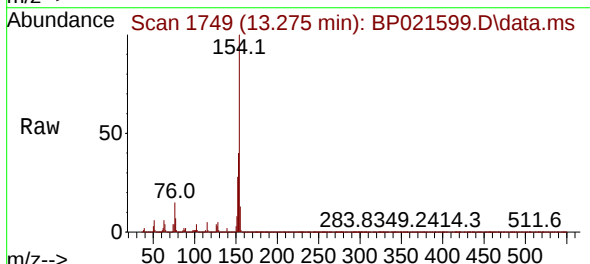
Tgt Ion:154 Resp: 3103293

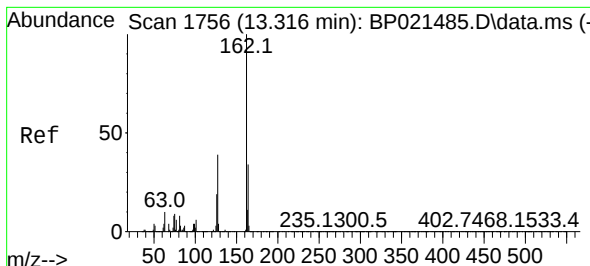
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 15.1 0.0 37.7

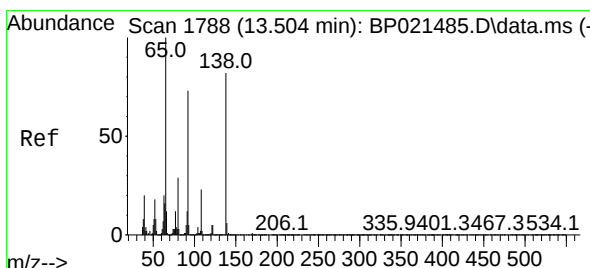
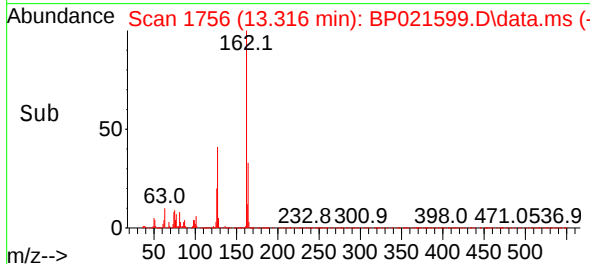
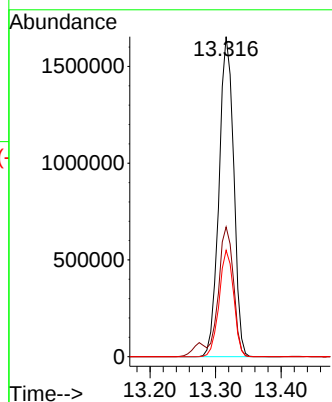
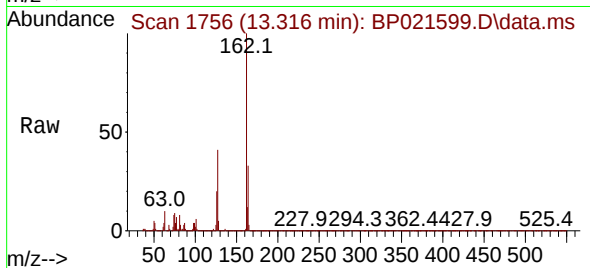




#47
2-Chloronaphthalene
Concen: 41.887 ng
RT: 13.316 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

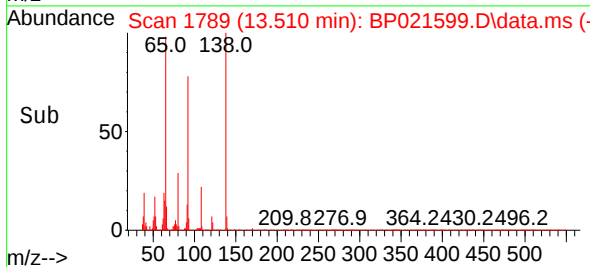
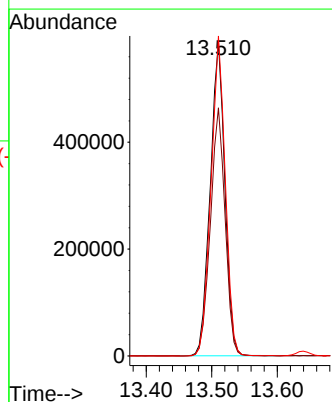
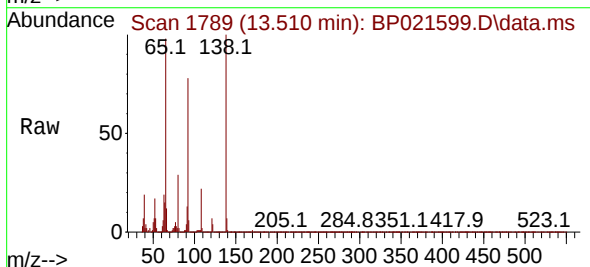
Instrument :
BNA_P
ClientSampleId :
PB162878BS

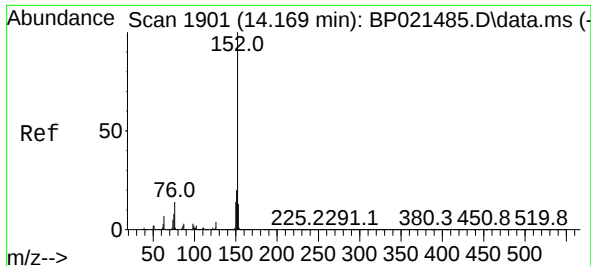
Tgt Ion:162 Resp: 2560671
Ion Ratio Lower Upper
162 100
127 40.5 31.9 47.9
164 33.3 26.8 40.2



#48
2-Nitroaniline
Concen: 52.796 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion: 65 Resp: 914454
Ion Ratio Lower Upper
65 100
92 79.1 58.1 87.1
138 102.0 65.5 98.3#

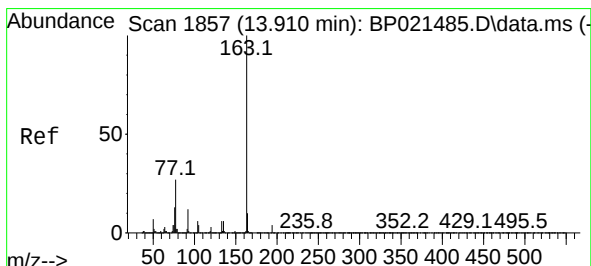
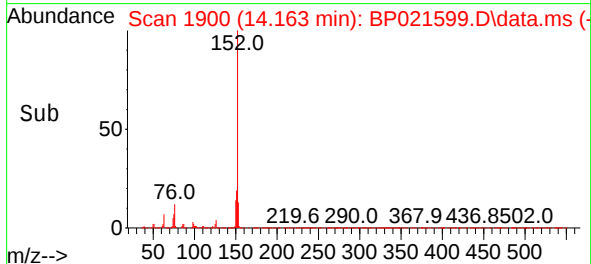
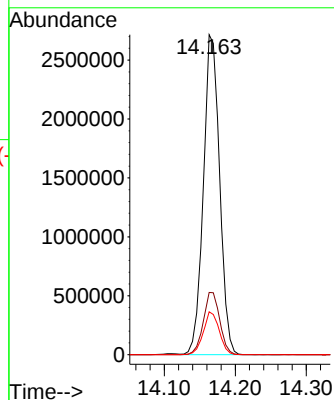
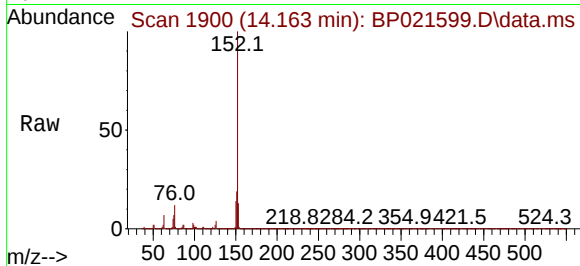




#49
Acenaphthylene
Concen: 48.046 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

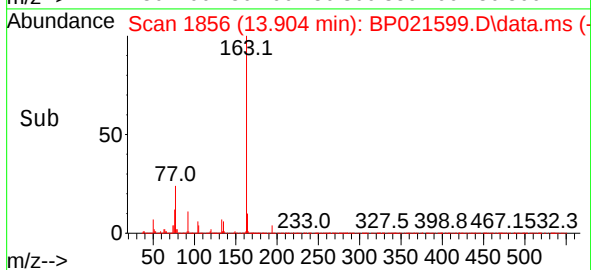
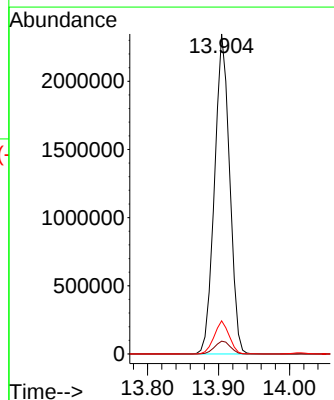
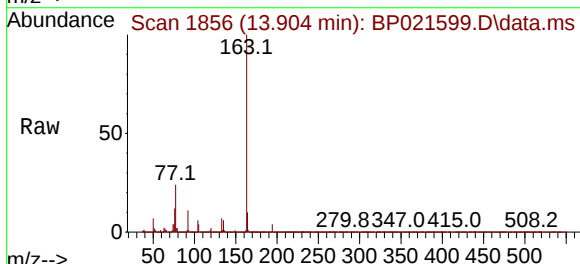
Instrument :
BNA_P
ClientSampleId :
PB162878BS

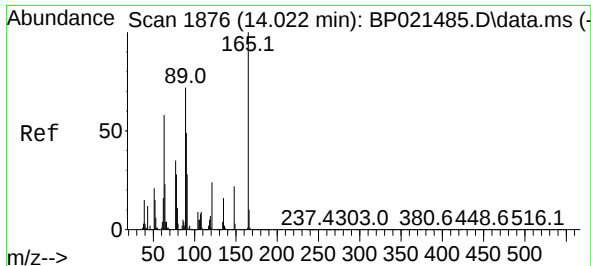
Tgt Ion:152 Resp: 4317781
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 46.500 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:163 Resp: 3456072
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.3 12.5

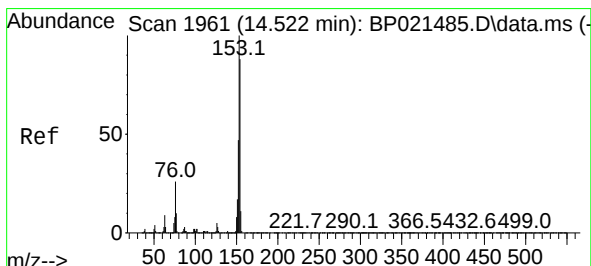
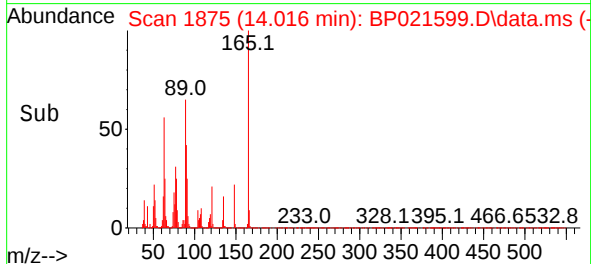
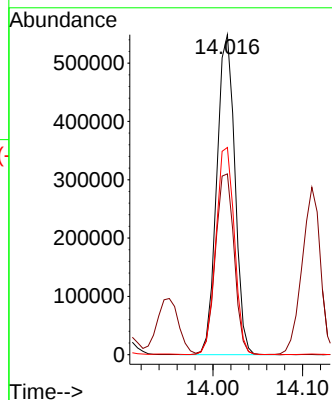
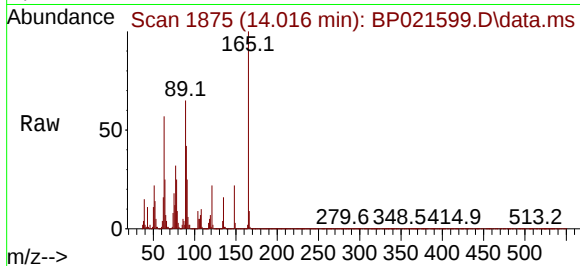




#51
2,6-Dinitrotoluene
Concen: 50.968 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

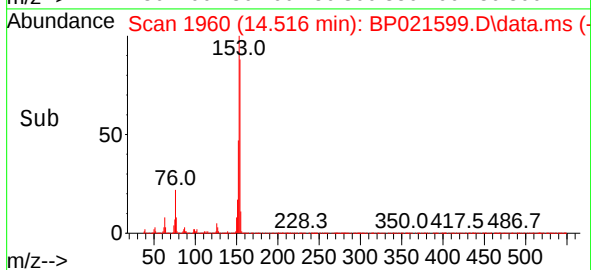
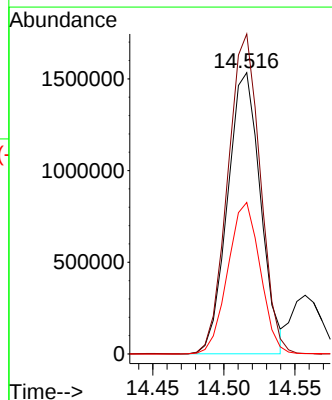
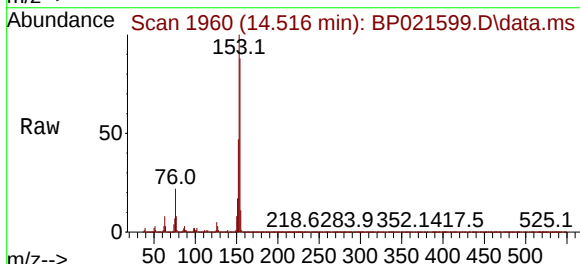
Instrument :
BNA_P
ClientSampleId :
PB162878BS

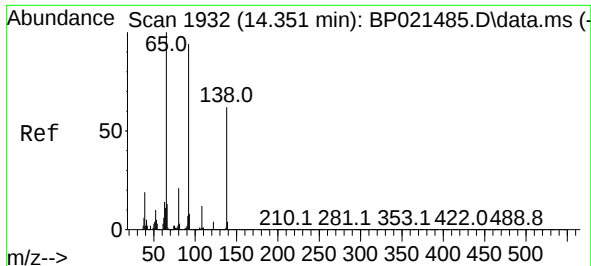
Tgt Ion:165 Resp: 768282
Ion Ratio Lower Upper
165 100
63 56.5 51.5 77.3
89 64.8 57.8 86.8



#52
Acenaphthene
Concen: 41.931 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:154 Resp: 2472471
Ion Ratio Lower Upper
154 100
153 113.8 91.1 136.7
152 53.9 43.0 64.4

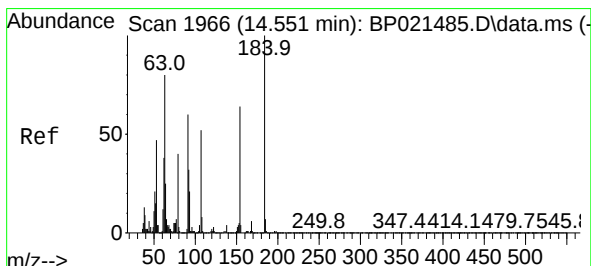
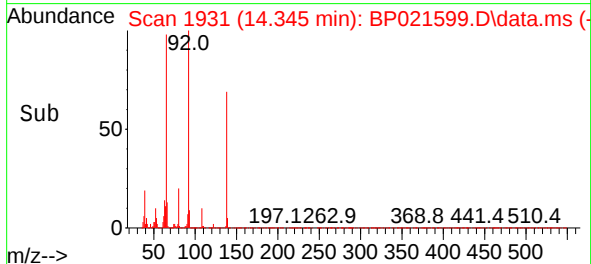
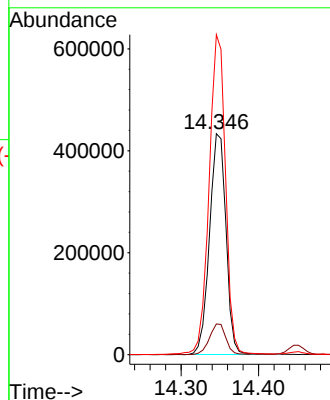
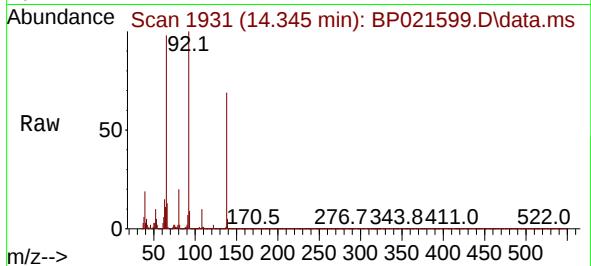




#53
3-Nitroaniline
Concen: 43.741 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

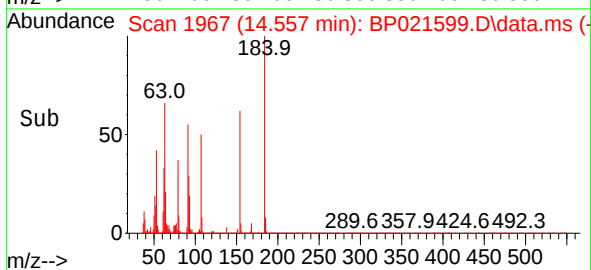
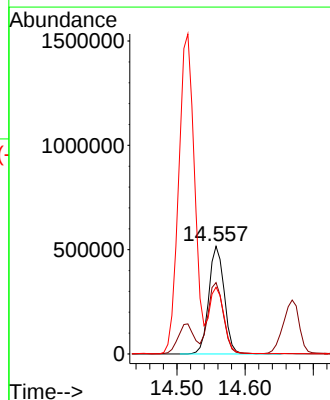
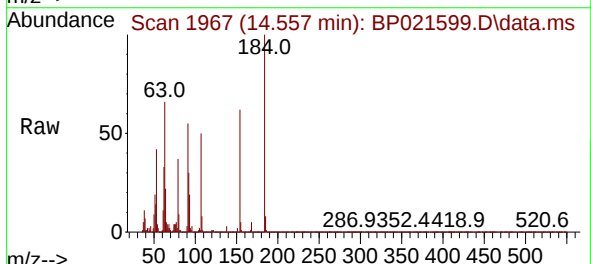
Instrument :
BNA_P
ClientSampleId :
PB162878BS

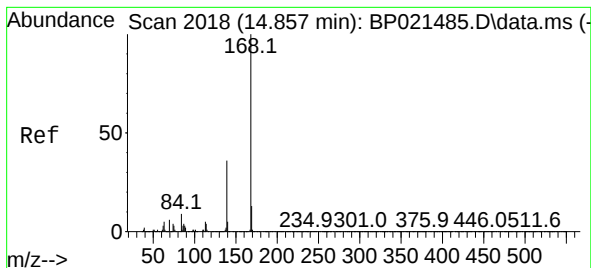
Tgt Ion:138 Resp: 639131
Ion Ratio Lower Upper
138 100
108 13.9 16.2 24.4#
92 144.8 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 121.872 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:184 Resp: 814761
Ion Ratio Lower Upper
184 100
63 66.3 64.9 97.3
154 62.0 52.1 78.1

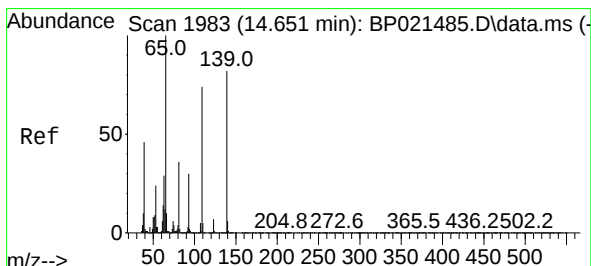
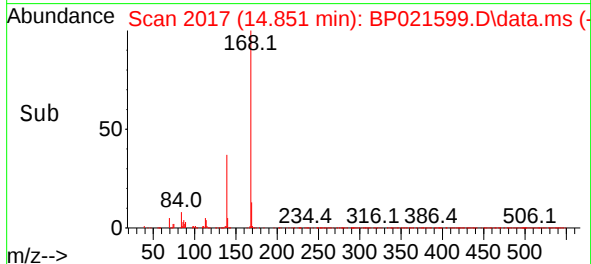
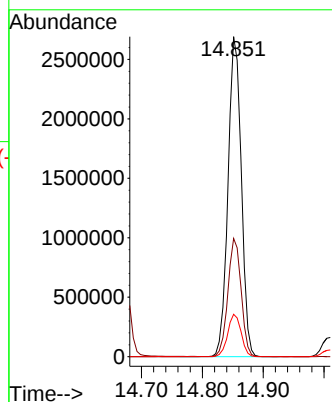
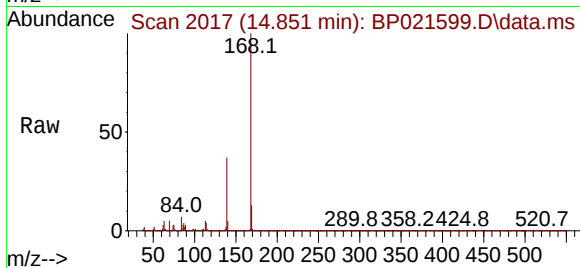




#55
Dibenzofuran
Concen: 44.957 ng
RT: 14.851 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

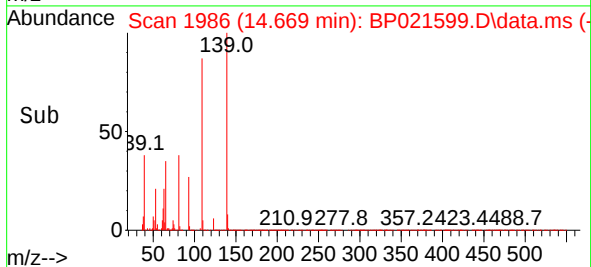
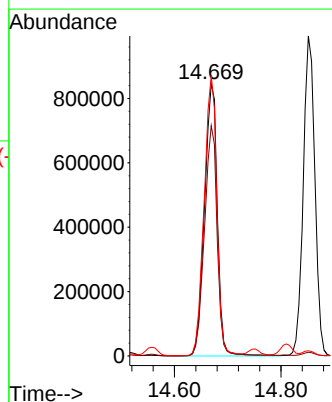
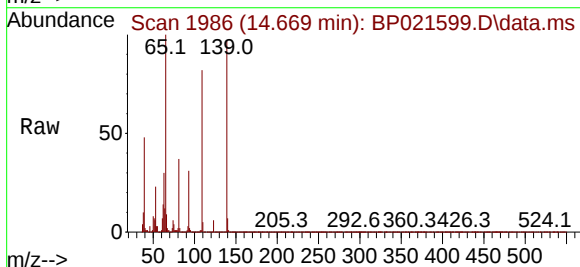
Instrument :
BNA_P
ClientSampleId :
PB162878BS

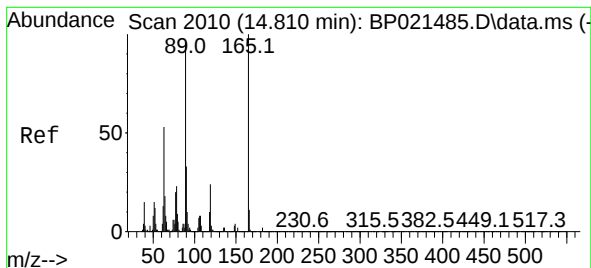
Tgt Ion:168 Resp: 4077887
Ion Ratio Lower Upper
168 100
139 36.9 28.6 43.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 112.402 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:139 Resp: 1412623
Ion Ratio Lower Upper
139 100
109 84.6 70.2 110.2
65 103.1 101.8 141.8

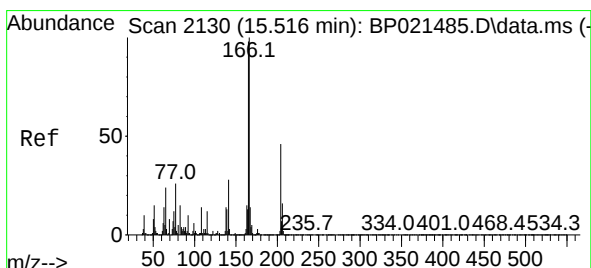
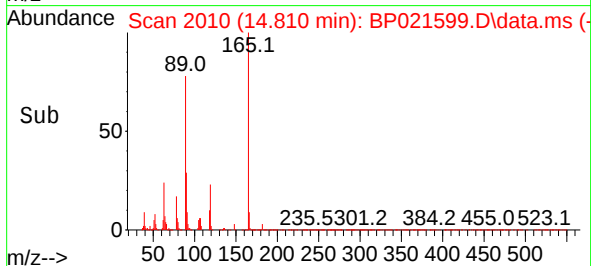
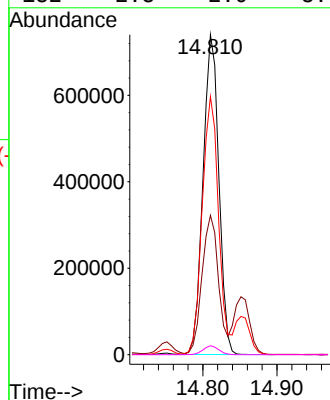
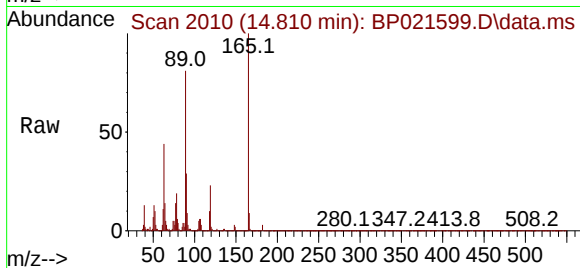




#57
2,4-Dinitrotoluene
Concen: 56.464 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

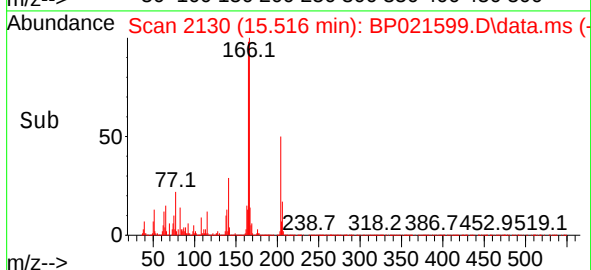
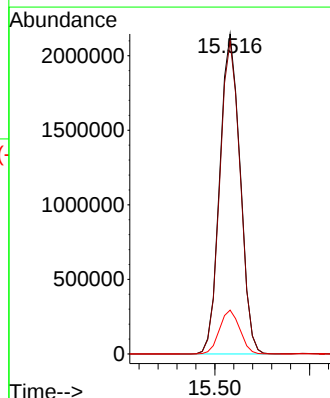
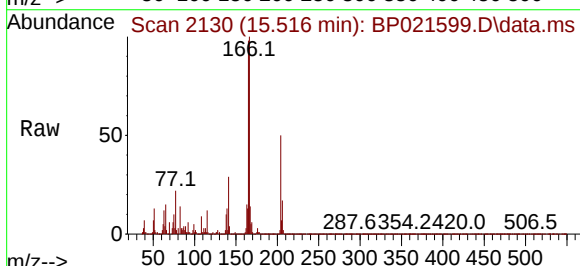
Instrument :
BNA_P
ClientSampleId :
PB162878BS

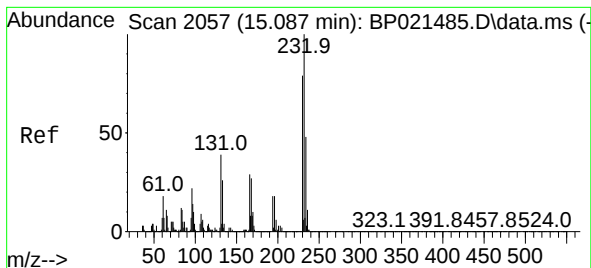
Tgt Ion:165 Resp: 1095697
Ion Ratio Lower Upper
165 100
63 43.5 42.5 63.7
89 80.7 77.1 115.7
182 2.8 2.0 3.0



#58
Fluorene
Concen: 42.994 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:166 Resp: 3203821
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.7 11.0 16.4

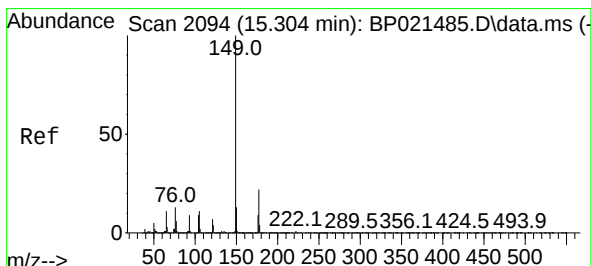
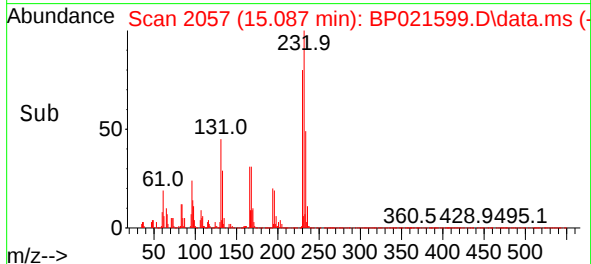
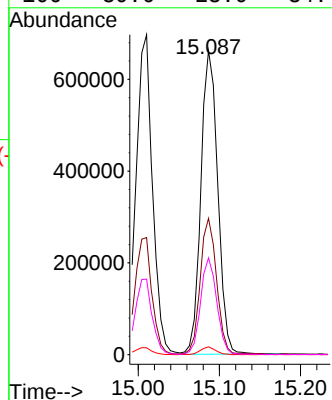
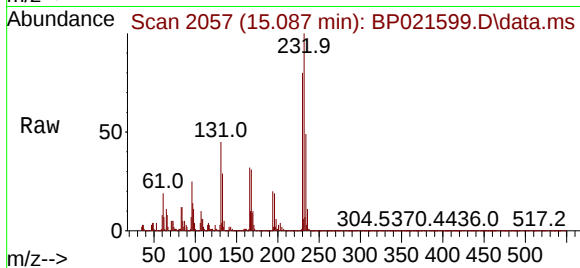




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.125 ng
RT: 15.087 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

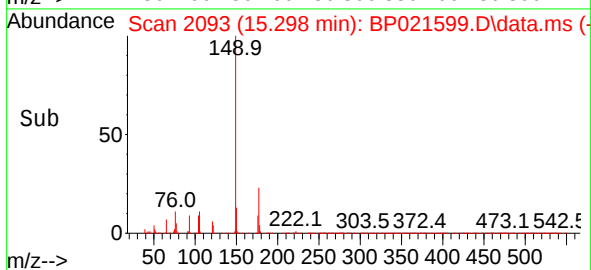
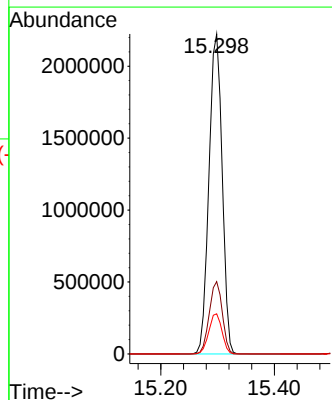
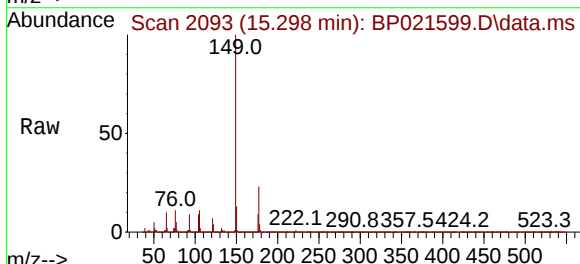
Instrument :
BNA_P
ClientSampleId :
PB162878BS

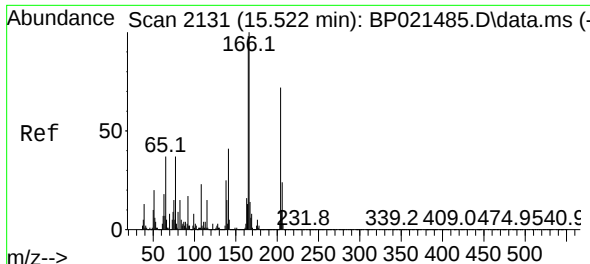
Tgt Ion:	232	Resp:	956060
Ion Ratio	Lower	Upper	
232	100		
131	43.6	33.1	49.7
130	2.4	1.7	2.5
166	30.6	23.0	34.4



#60
Diethylphthalate
Concen: 46.718 ng
RT: 15.298 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:	149	Resp:	3562699
Ion Ratio	Lower	Upper	
149	100		
177	22.6	17.8	26.8
150	12.5	10.1	15.1

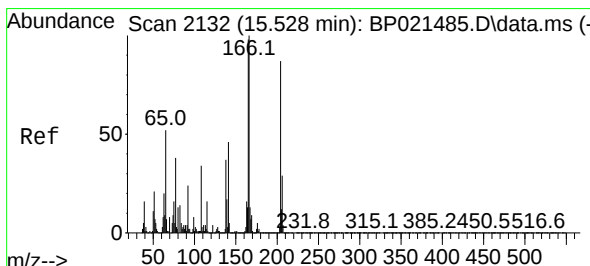
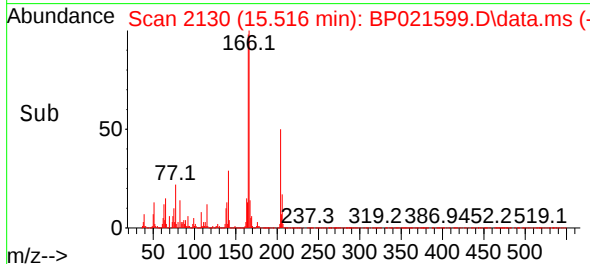
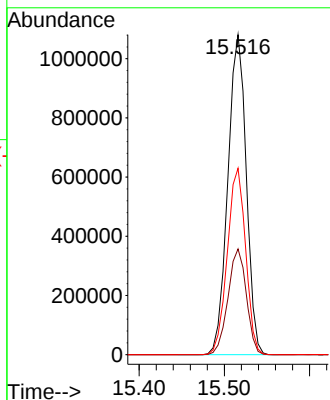
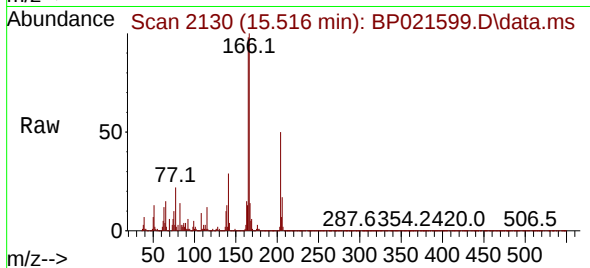




#61
4-Chlorophenyl-phenylether
Concen: 42.119 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

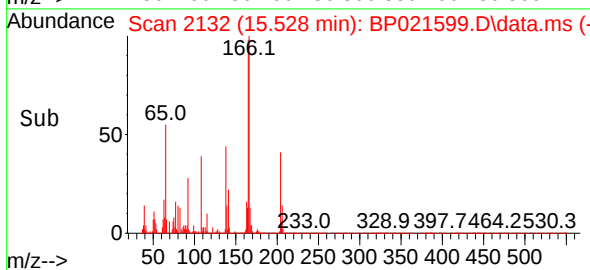
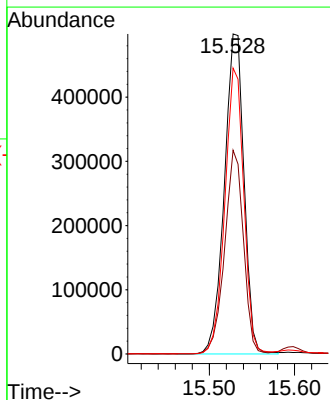
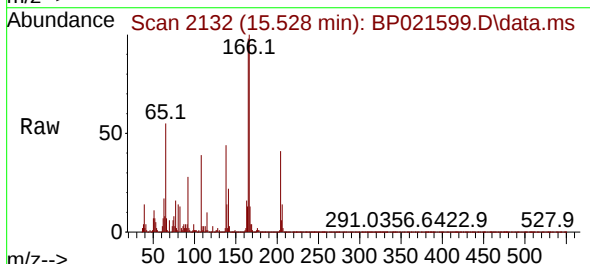
Instrument :
BNA_P
ClientSampleId :
PB162878BS

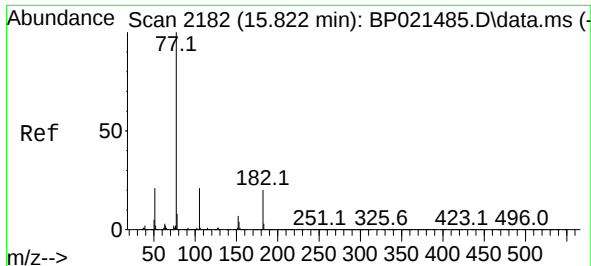
Tgt Ion:204 Resp: 1622379
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 58.3 46.1 69.1



#62
4-Nitroaniline
Concen: 52.406 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:138 Resp: 798416
Ion Ratio Lower Upper
138 100
92 63.6 46.4 86.4
108 89.4 73.2 113.2

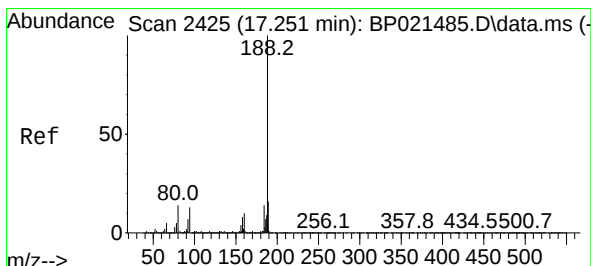
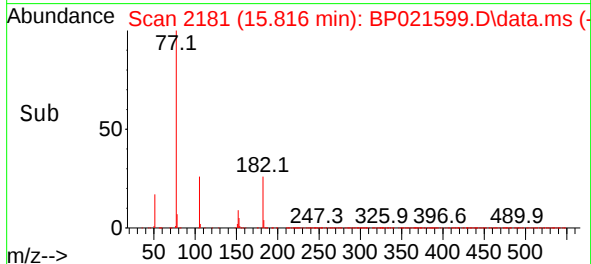
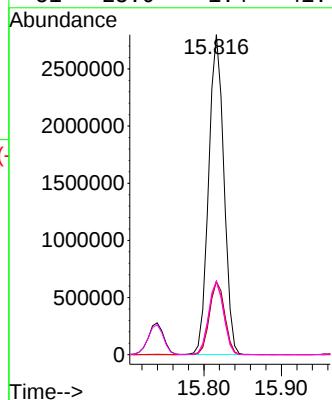
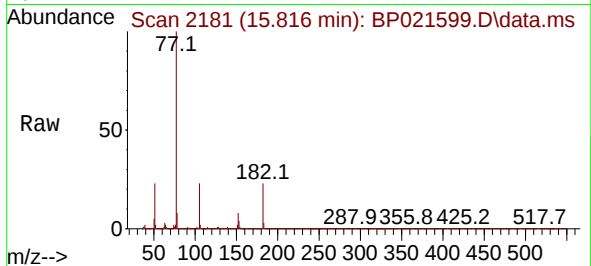




#63
Azobenzene
Concen: 40.618 ng
RT: 15.816 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

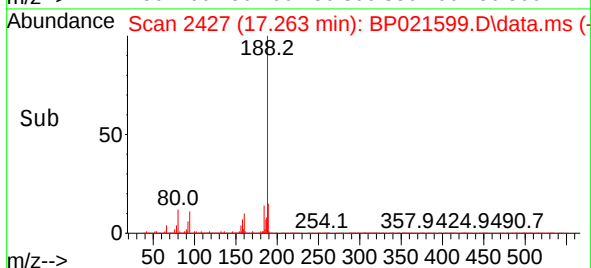
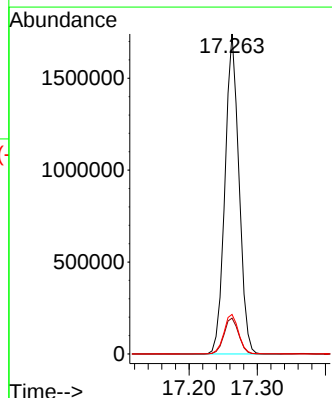
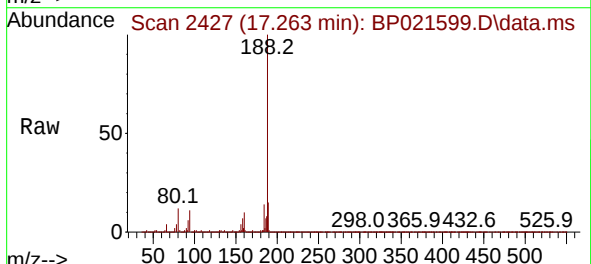
Instrument :
BNA_P
ClientSampleId :
PB162878BS

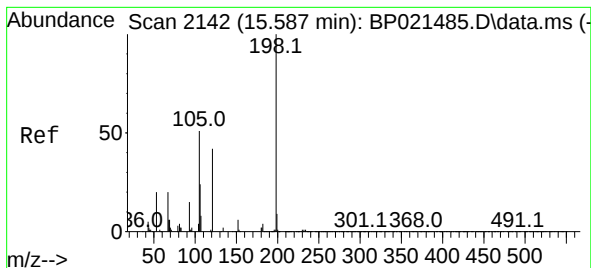
Tgt Ion: 77 Resp: 3807569
Ion Ratio Lower Upper
77 100
182 22.9 0.0 39.9
105 22.8 0.9 40.9
51 23.0 1.4 41.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion: 188 Resp: 2482231
Ion Ratio Lower Upper
188 100
94 11.2 10.2 15.4
80 12.3 11.6 17.4

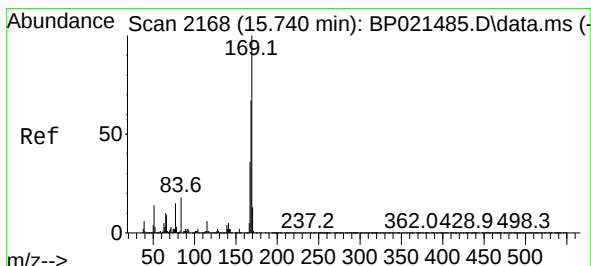
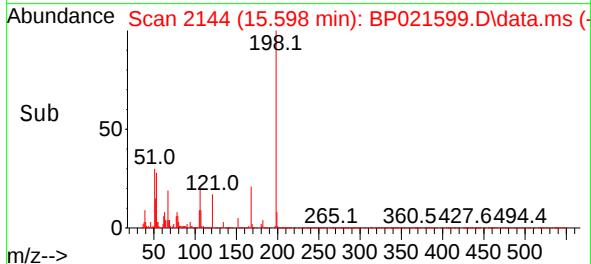
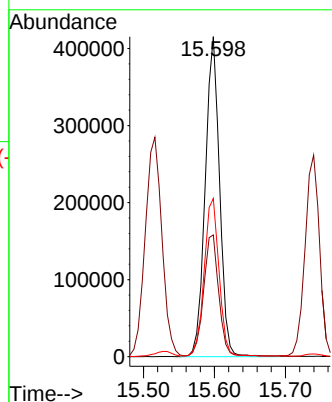
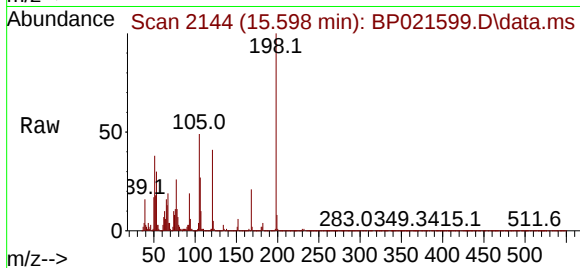




#65
4,6-Dinitro-2-methylphenol
Concen: 67.737 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.011 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

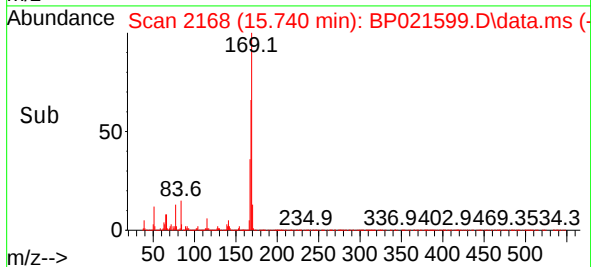
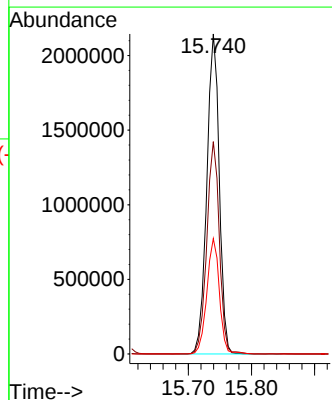
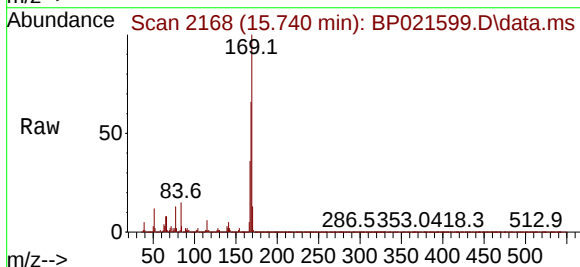
Instrument :
BNA_P
ClientSampleId :
PB162878BS

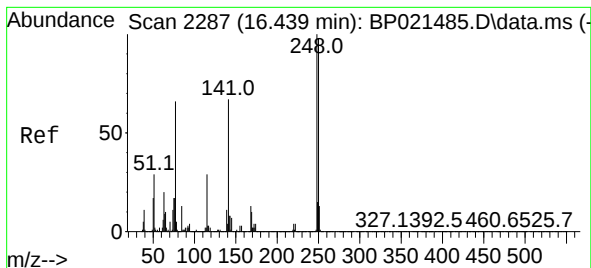
Tgt Ion:198 Resp: 584527
Ion Ratio Lower Upper
198 100
51 38.0 21.5 61.5
105 49.4 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 44.194 ng
RT: 15.740 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:169 Resp: 2939803
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.0 28.7 43.1

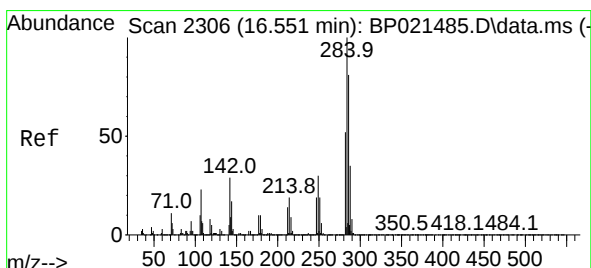
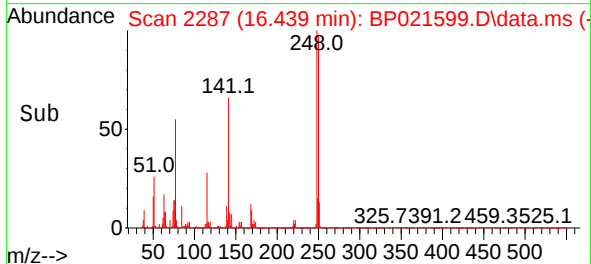
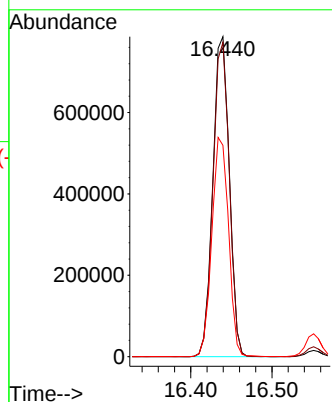
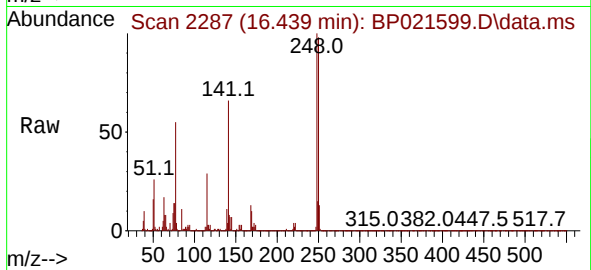




#67
4-Bromophenyl-phenylether
Concen: 42.241 ng
RT: 16.439 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

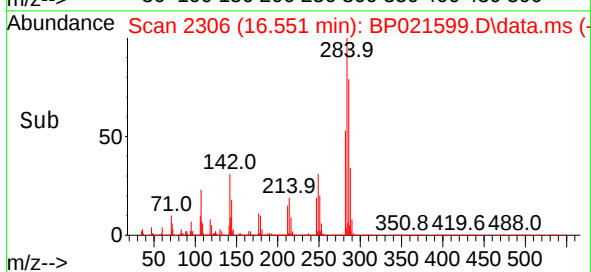
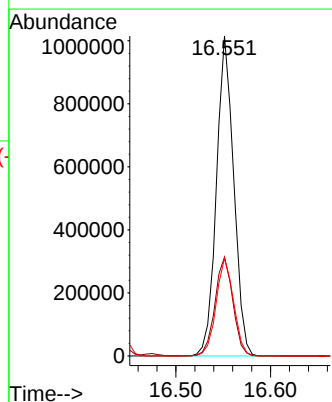
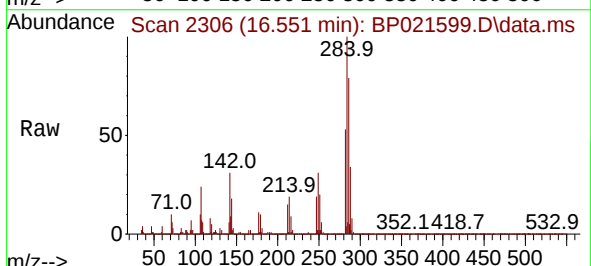
Instrument :
BNA_P
ClientSampleId :
PB162878BS

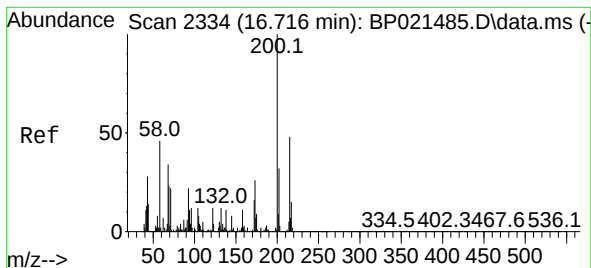
Tgt Ion:248 Resp: 1109715
Ion Ratio Lower Upper
248 100
250 98.2 78.6 117.8
141 66.0 53.9 80.9



#68
Hexachlorobenzene
Concen: 41.536 ng
RT: 16.551 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:284 Resp: 1289506
Ion Ratio Lower Upper
284 100
142 31.0 23.4 35.2
249 30.6 24.1 36.1





#69

Atrazine

Concen: 40.366 ng

RT: 16.722 min Scan# 2335

Delta R.T. 0.006 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

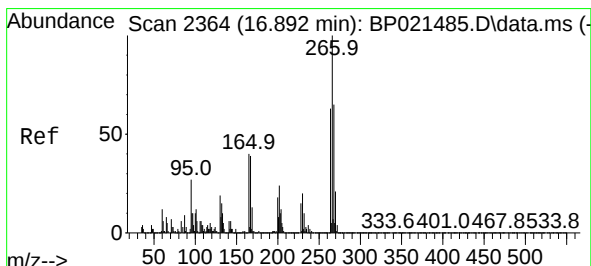
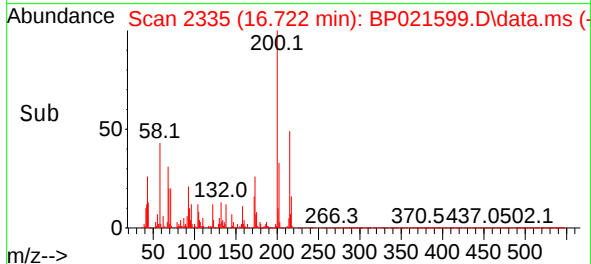
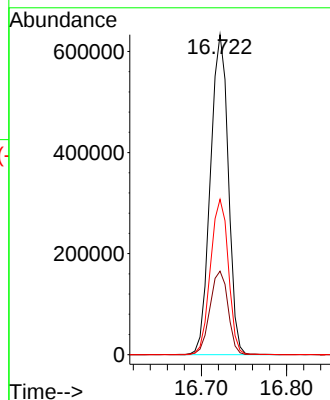
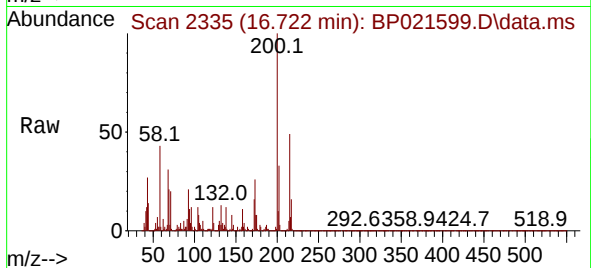
Tgt Ion:200 Resp: 921905

Ion Ratio Lower Upper

200 100

173 26.1 6.2 46.2

215 48.5 28.4 68.4



#70

Pentachlorophenol

Concen: 101.578 ng

RT: 16.904 min Scan# 2366

Delta R.T. 0.012 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

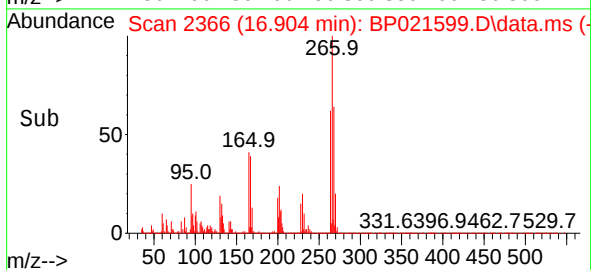
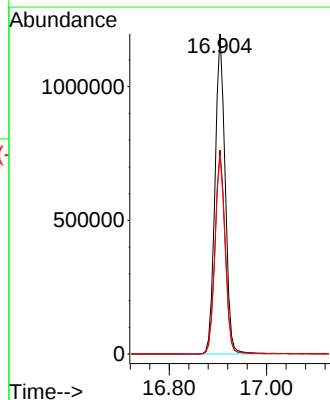
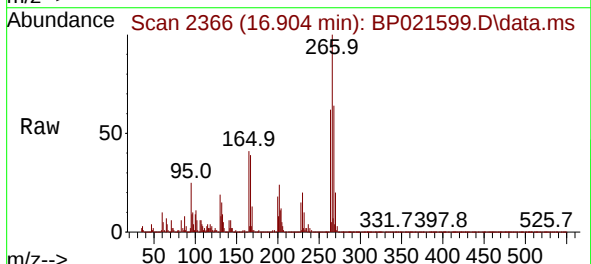
Tgt Ion:266 Resp: 1721237

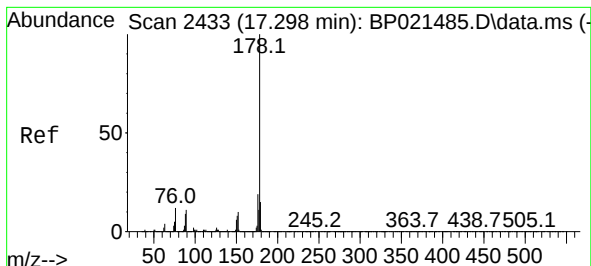
Ion Ratio Lower Upper

266 100

268 63.7 51.8 77.6

264 62.1 50.5 75.7





#71

Phenanthrene

Concen: 44.783 ng

RT: 17.310 min Scan# 2435

Delta R.T. 0.012 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

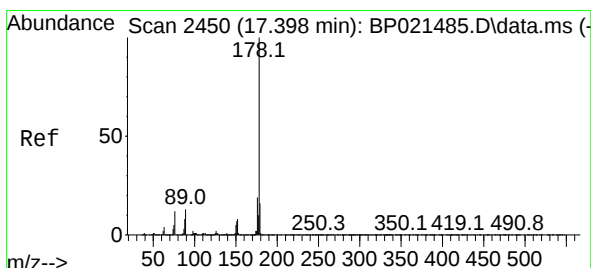
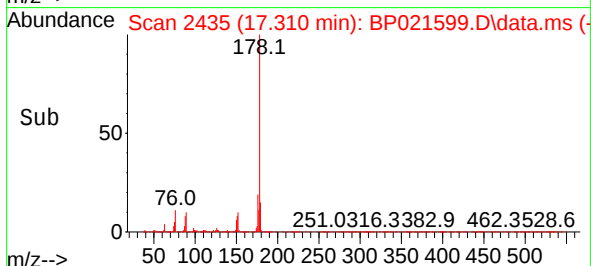
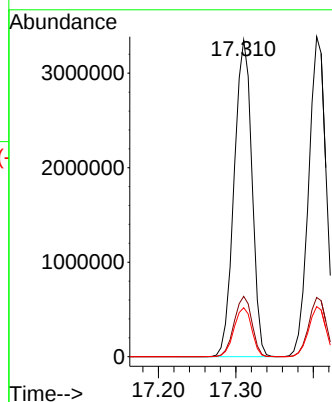
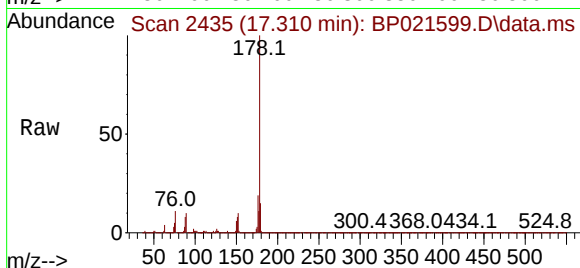
Tgt Ion:178 Resp: 5346064

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.4 18.6



#72

Anthracene

Concen: 45.230 ng

RT: 17.404 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

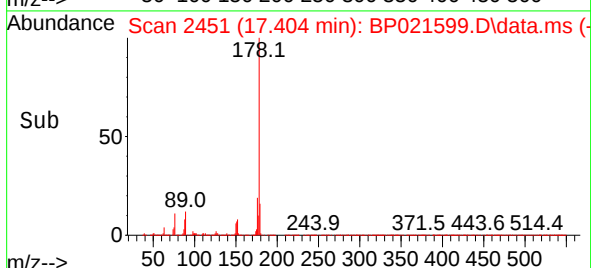
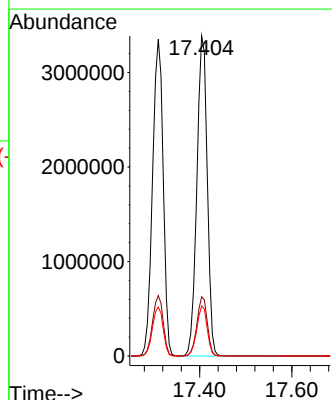
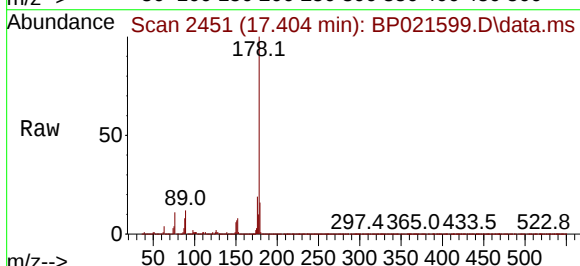
Tgt Ion:178 Resp: 5295342

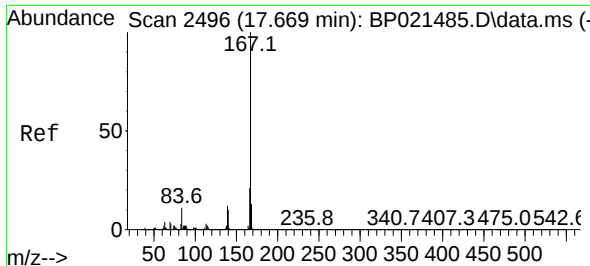
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.7 12.5 18.7

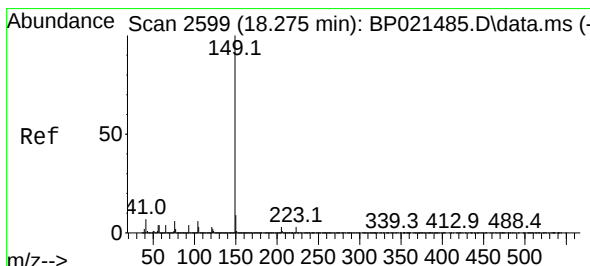
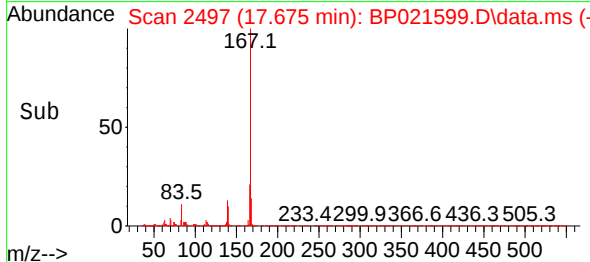
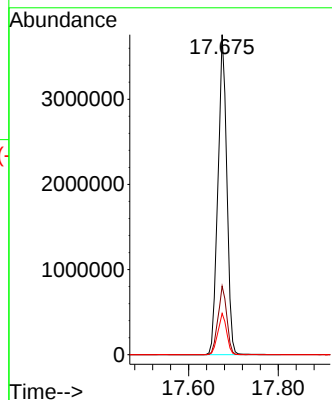
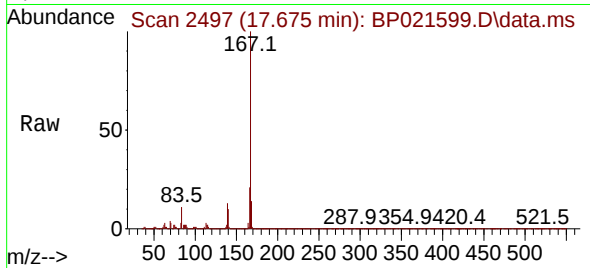




#73
Carbazole
Concen: 45.771 ng
RT: 17.675 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

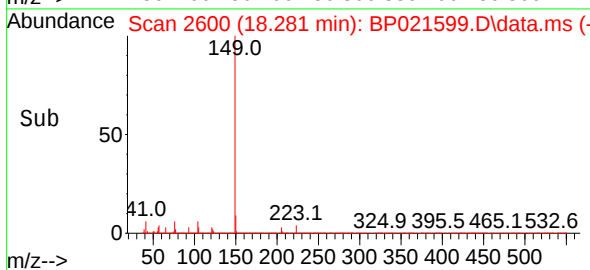
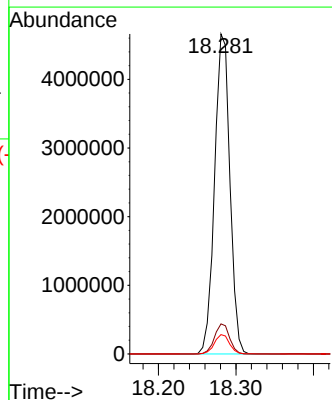
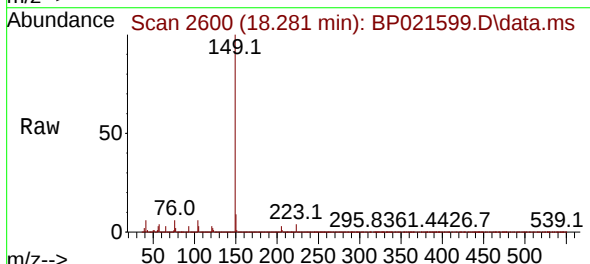
Instrument :
BNA_P
ClientSampleId :
PB162878BS

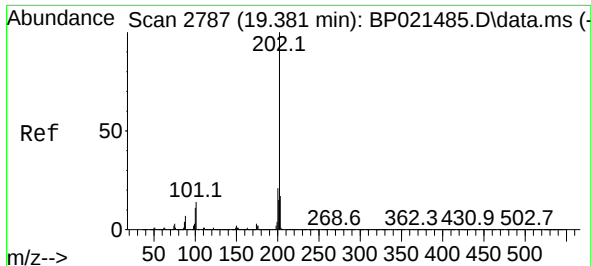
Tgt Ion:167 Resp: 5164248
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.9 9.9 14.9



#74
Di-n-butylphthalate
Concen: 46.148 ng
RT: 18.281 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:149 Resp: 6394579
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 6.0 4.9 7.3

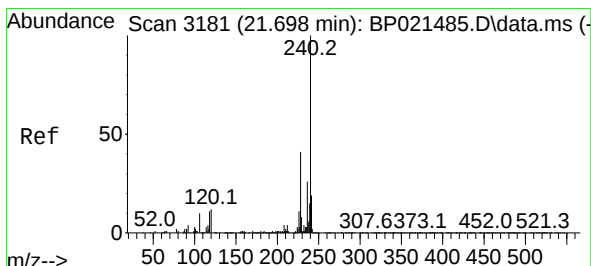
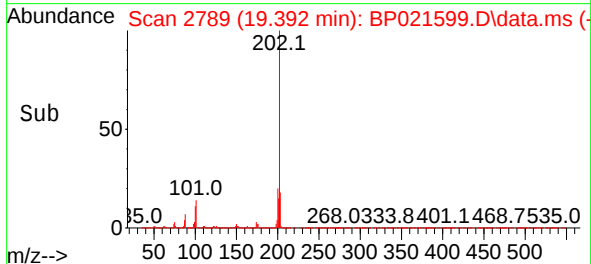
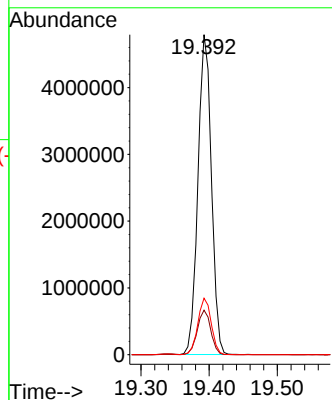
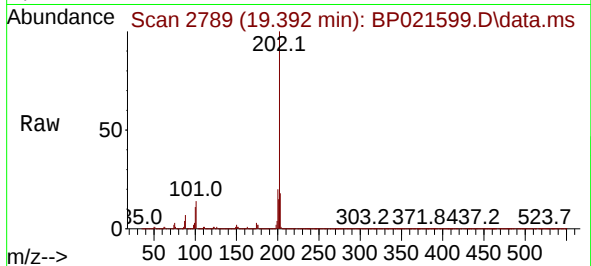




#75
Fluoranthene
Concen: 44.636 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

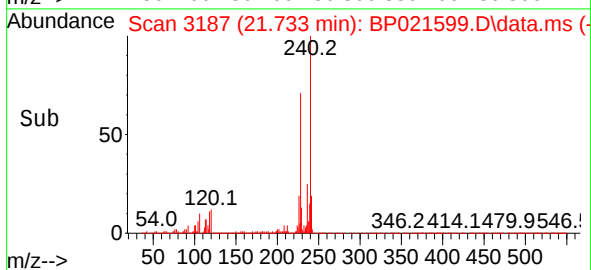
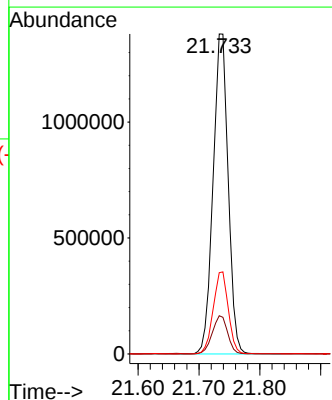
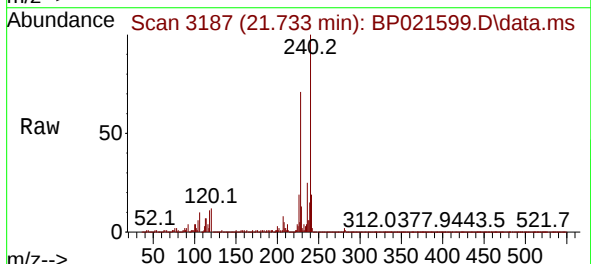
Instrument :
BNA_P
ClientSampleId :
PB162878BS

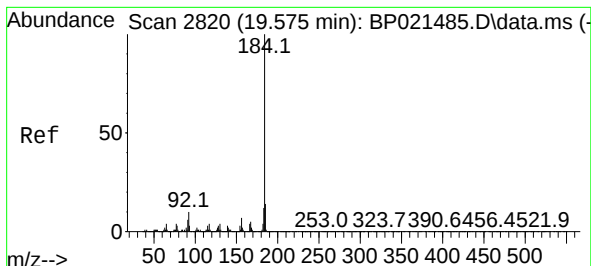
Tgt Ion:202 Resp: 6537856
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.0
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3187
Delta R.T. 0.035 min
Lab File: BP021599.D
Acq: 21 Aug 2024 15:59

Tgt Ion:240 Resp: 2374692
Ion Ratio Lower Upper
240 100
120 12.0 9.9 14.9
236 25.4 20.6 30.8





#77

Benzidine

Concen: 21.951 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.017 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

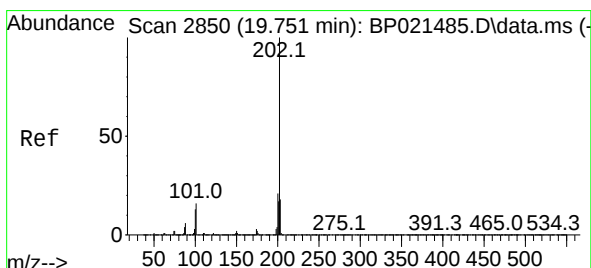
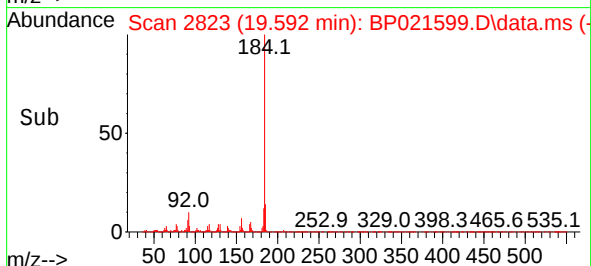
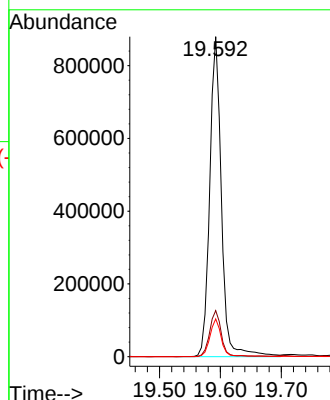
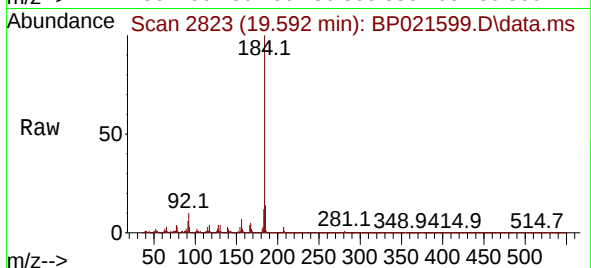
Tgt Ion:184 Resp: 1176708

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.8 9.3 13.9



#78

Pyrene

Concen: 43.999 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.018 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

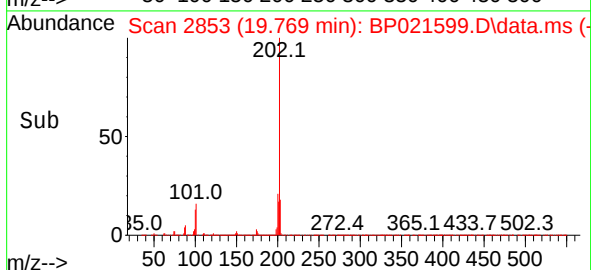
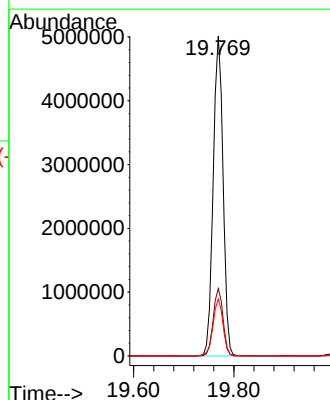
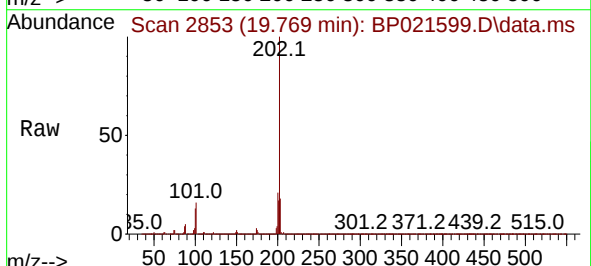
Tgt Ion:202 Resp: 6829298

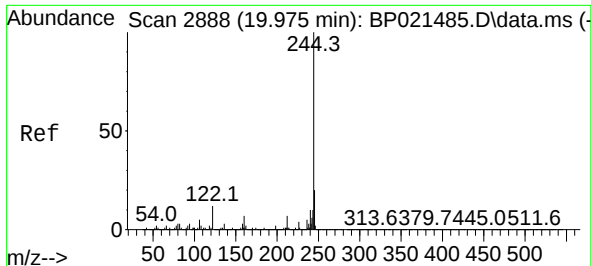
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 80.459 ng

RT: 19.992 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

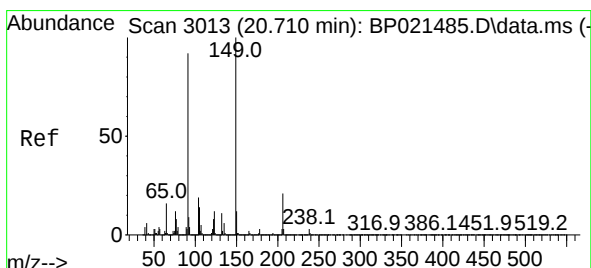
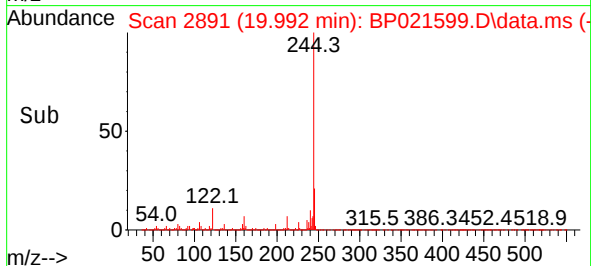
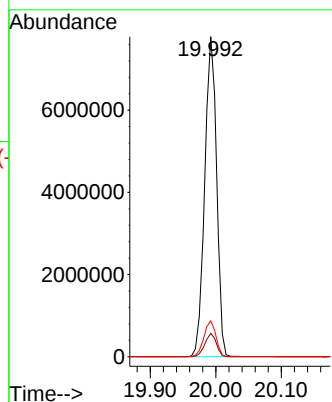
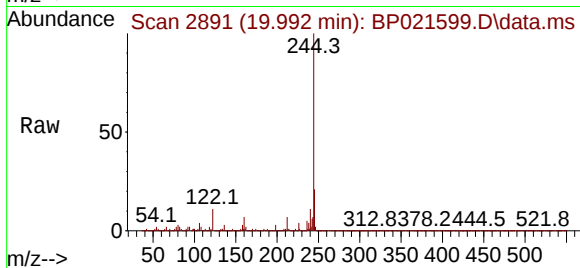
Tgt Ion:244 Resp: 9834904

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.2 9.4 14.2



#80

Butylbenzylphthalate

Concen: 51.337 ng

RT: 20.728 min Scan# 3016

Delta R.T. 0.018 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

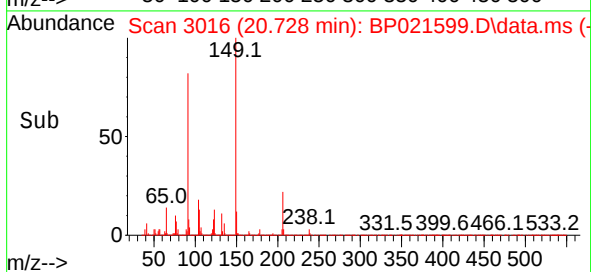
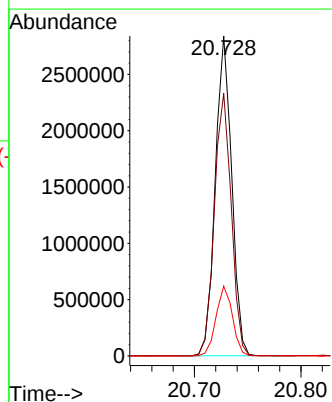
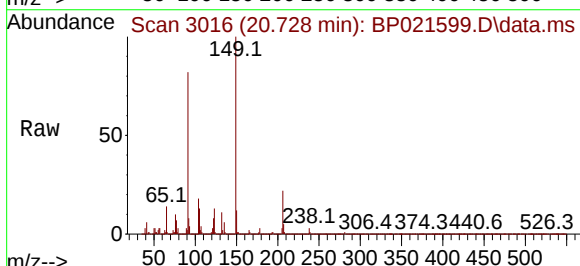
Tgt Ion:149 Resp: 3040133

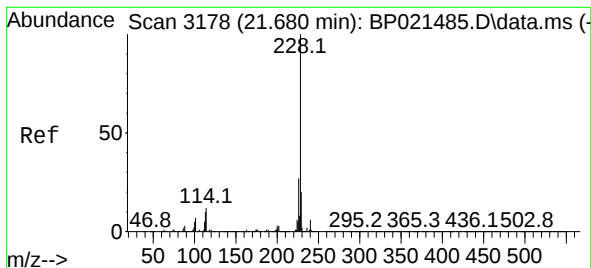
Ion Ratio Lower Upper

149 100

91 82.1 73.3 109.9

206 21.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 46.370 ng

RT: 21.710 min Scan# 3183

Delta R.T. 0.029 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

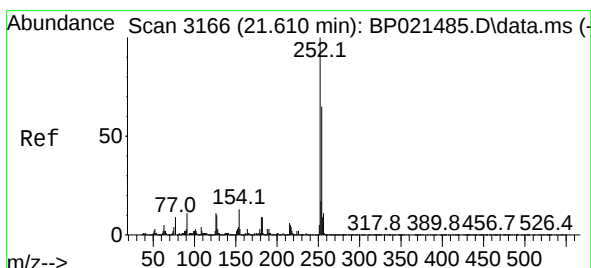
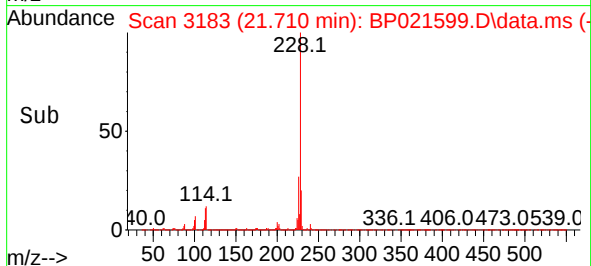
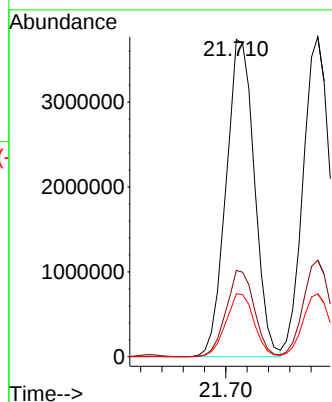
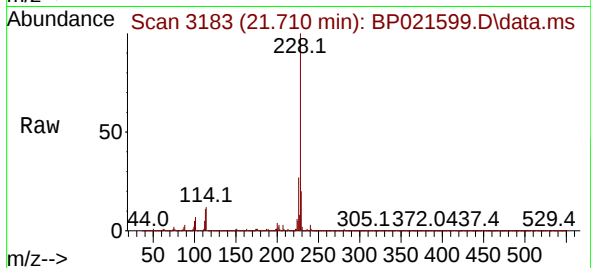
Tgt Ion:228 Resp: 6912503

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 41.783 ng

RT: 21.627 min Scan# 3169

Delta R.T. 0.018 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

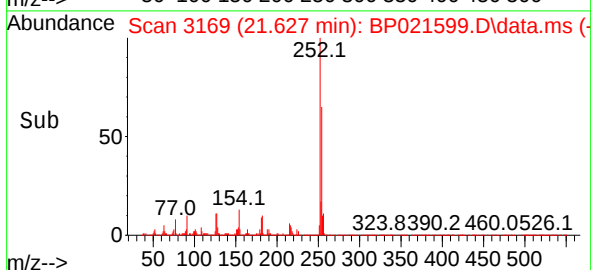
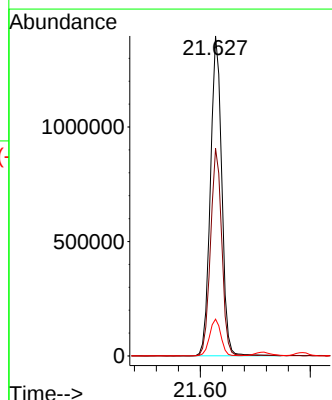
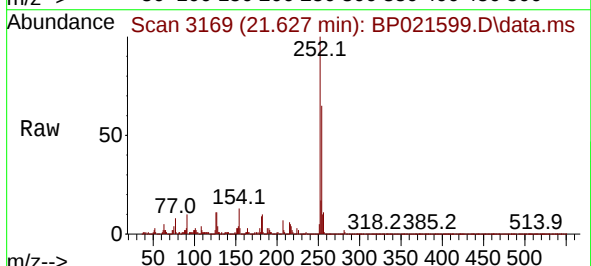
Tgt Ion:252 Resp: 1997094

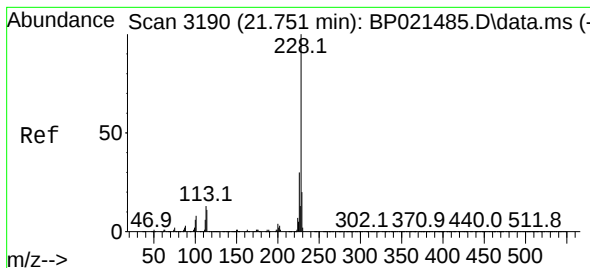
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 11.5 8.7 13.1





#83

Chrysene

Concen: 46.258 ng

RT: 21.786 min Scan# 3196

Delta R.T. 0.035 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

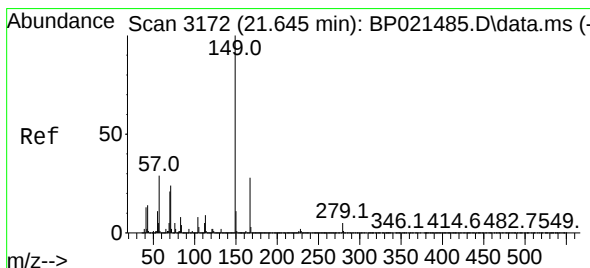
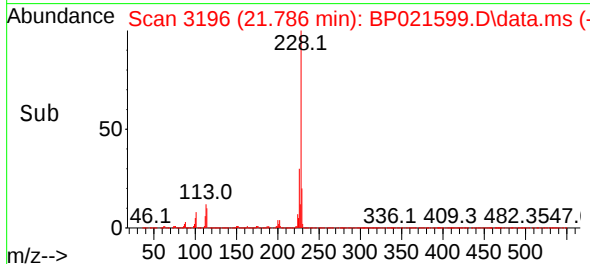
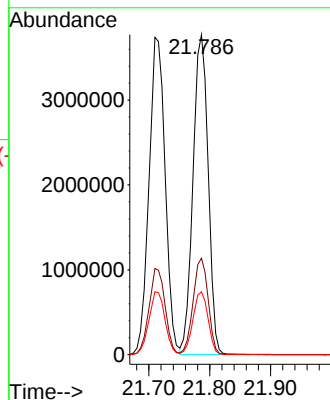
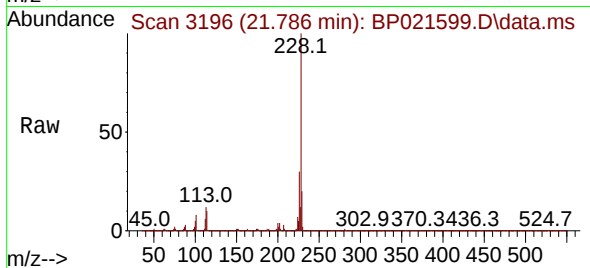
Tgt Ion:228 Resp: 6510654

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.183 ng

RT: 21.663 min Scan# 3175

Delta R.T. 0.018 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

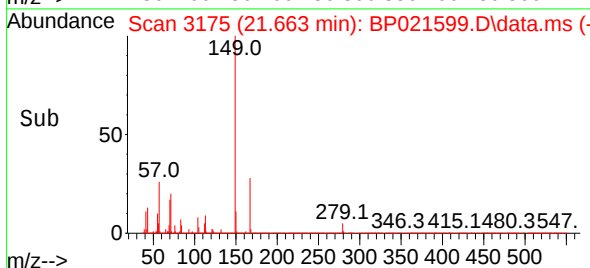
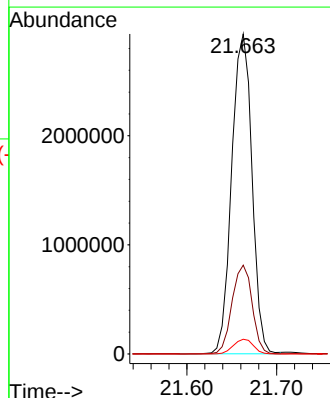
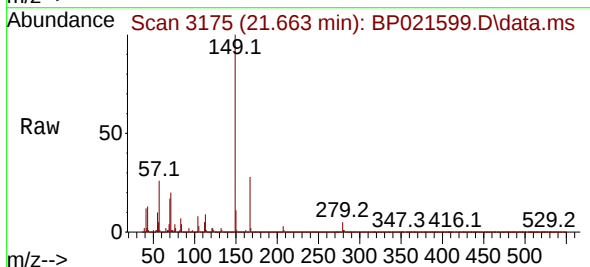
Tgt Ion:149 Resp: 4597775

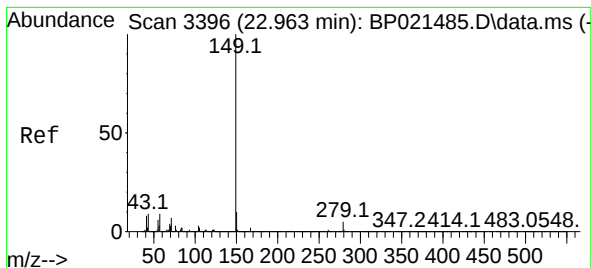
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 51.695 ng

RT: 22.980 min Scan# 3396

Delta R.T. 0.017 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

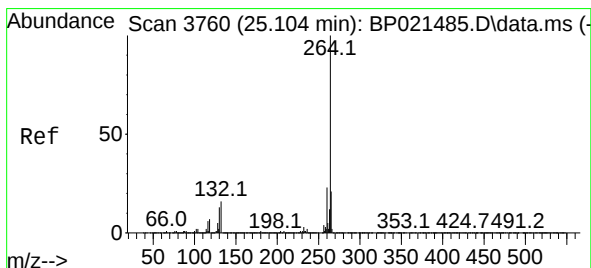
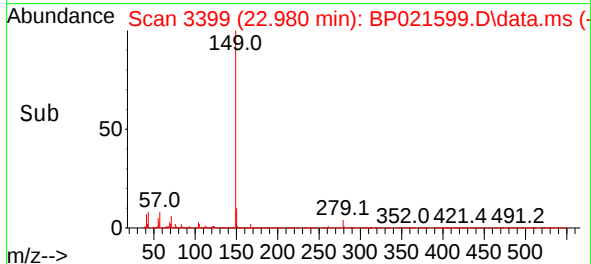
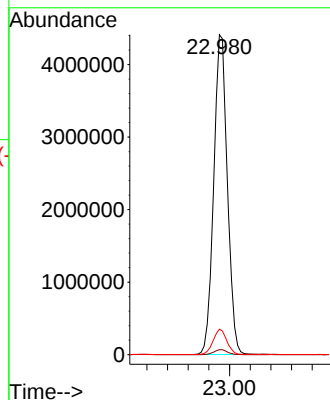
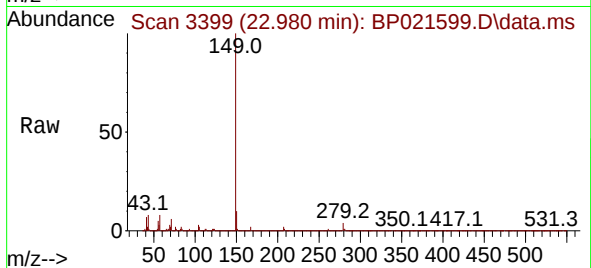
Tgt Ion:149 Resp: 8065042

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.163 min Scan# 3770

Delta R.T. 0.059 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

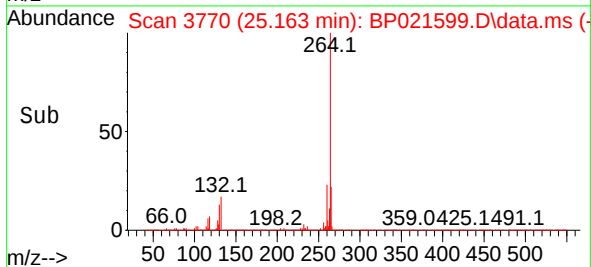
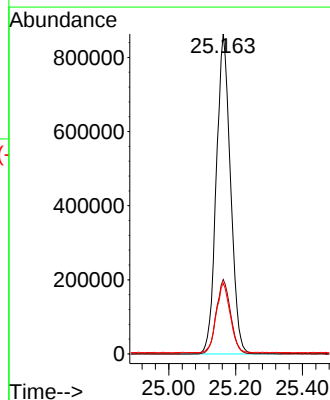
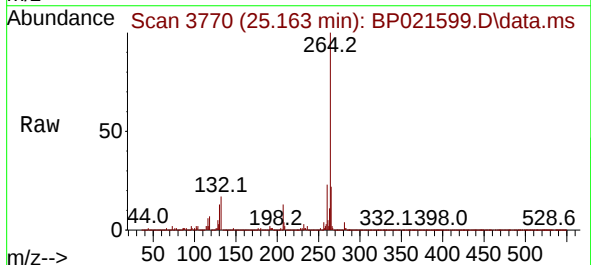
Tgt Ion:264 Resp: 2545548

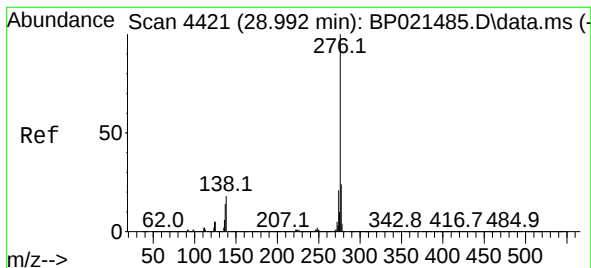
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.926 ng

RT: 29.092 min Scan# 4421

Delta R.T. 0.100 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

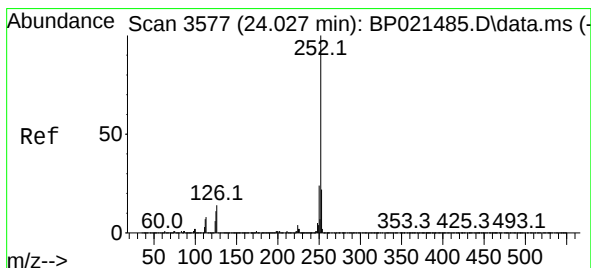
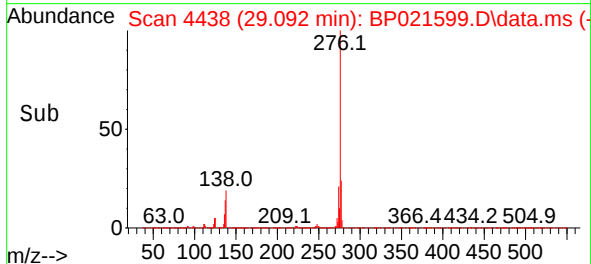
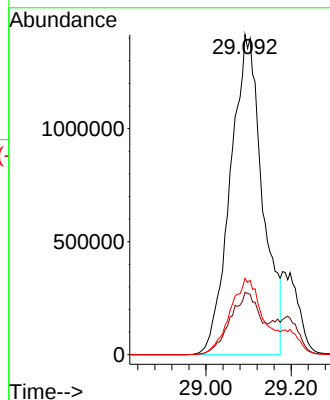
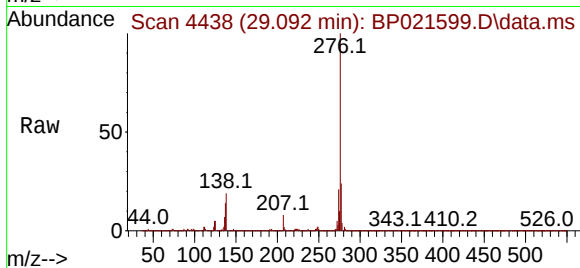
Tgt Ion:276 Resp: 7413043

Ion Ratio Lower Upper

276 100

138 18.3 12.8 19.2

277 24.5 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 48.387 ng

RT: 24.080 min Scan# 3586

Delta R.T. 0.053 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

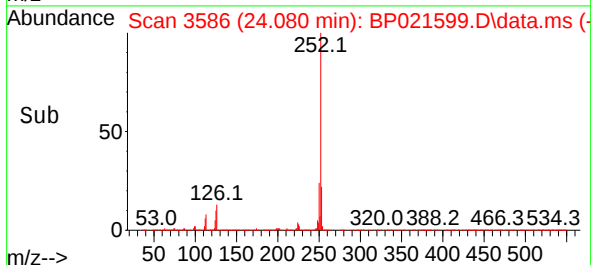
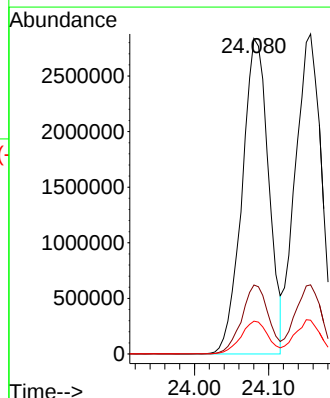
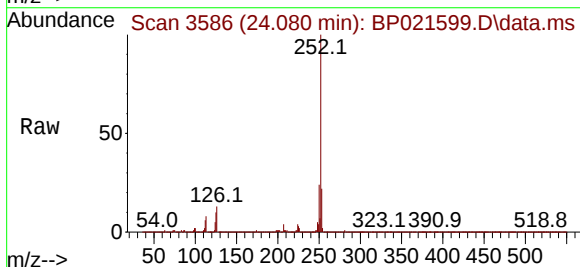
Tgt Ion:252 Resp: 7074066

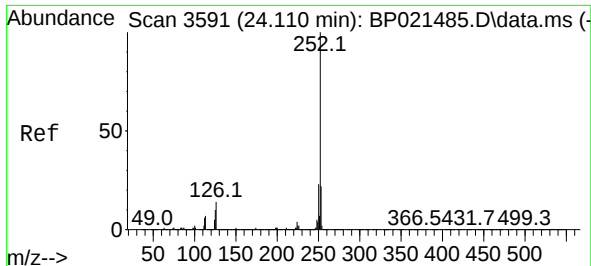
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 49.224 ng

RT: 24.157 min Scan# 3599

Delta R.T. 0.047 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

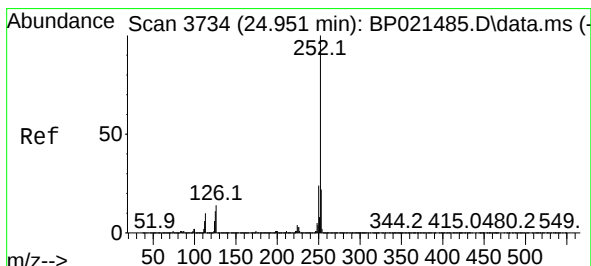
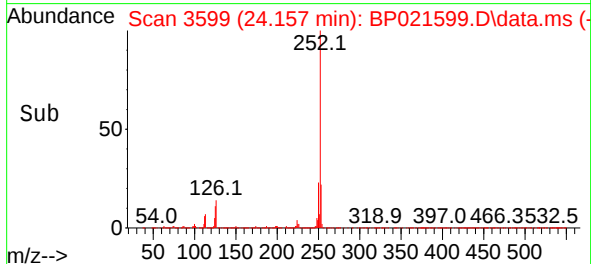
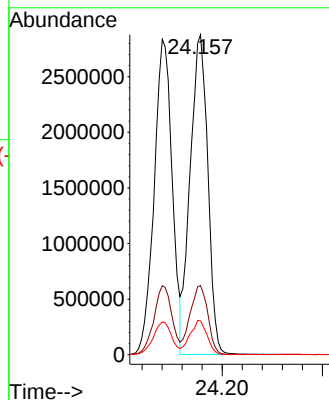
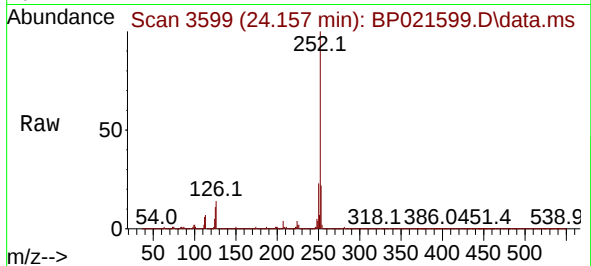
Tgt Ion:252 Resp: 7020129

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.6 7.8 11.8



#90

Benzo(a)pyrene

Concen: 51.728 ng

RT: 25.004 min Scan# 3743

Delta R.T. 0.053 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

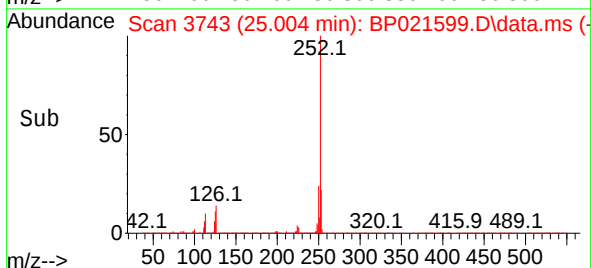
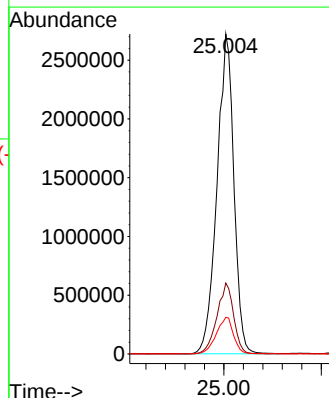
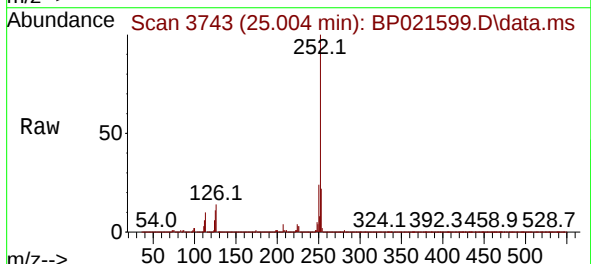
Tgt Ion:252 Resp: 6562777

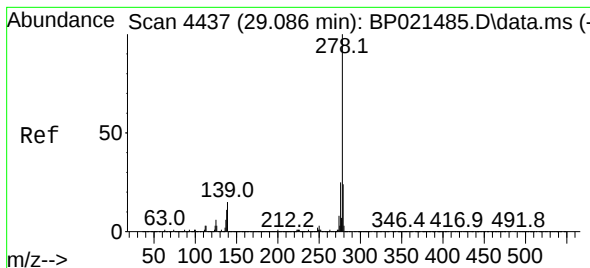
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.5 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 50.416 ng

RT: 29.198 min Scan# 4437

Delta R.T. 0.112 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Instrument :

BNA_P

ClientSampleId :

PB162878BS

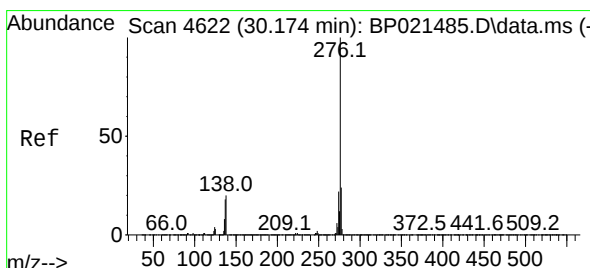
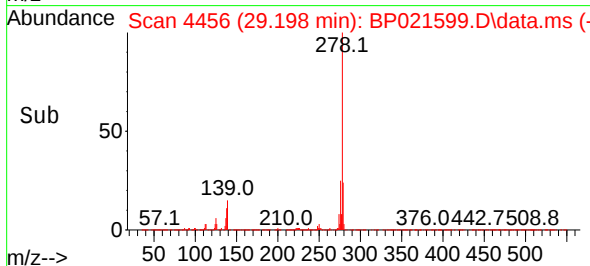
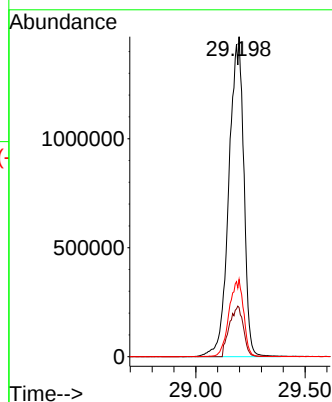
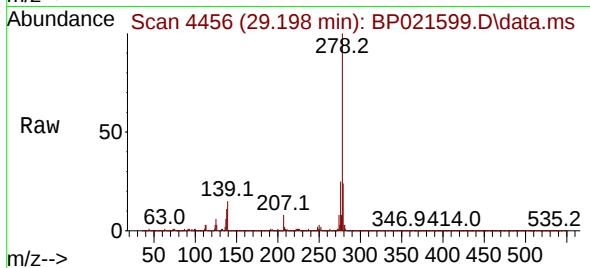
Tgt Ion:278 Resp: 6912050

Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.745 ng

RT: 30.303 min Scan# 4644

Delta R.T. 0.129 min

Lab File: BP021599.D

Acq: 21 Aug 2024 15:59

Tgt Ion:276 Resp: 6698216

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 21.2 16.0 24.0

