

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020513.D
 Acq On : 05 Jun 2024 11:26
 Operator : MA/JU
 Sample : PB161311BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161311BS

Quant Time: Jun 05 12:03:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	335113	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1162715	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	571575	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	990697	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1184114	20.000	ng	-0.01
86) Perylene-d12	25.021	264	1479484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2496991	133.410	ng	0.00
7) Phenol-d6	6.946	99	2929439	110.984	ng	0.01
23) Nitrobenzene-d5	8.916	82	1827655	86.045	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	757261	127.660	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3506430	91.451	ng	0.00
79) Terphenyl-d14	19.939	244	4537064	63.786	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	289847	38.326	ng	96
3) Pyridine	3.722	79	749703	35.258	ng	94
4) n-Nitrosodimethylamine	3.640	42	428057	41.447	ng	94
6) Aniline	7.105	93	666371	24.915	ng	98
8) 2-Chlorophenol	7.340	128	915751	43.646	ng	98
9) Benzaldehyde	6.928	77	614015	36.265	ng	99
10) Phenol	6.969	94	1100554	40.705	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	885737	39.724	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1065196	43.090	ng	98
13) 1,4-Dichlorobenzene	7.810	146	1080613	43.010	ng	98
14) 1,2-Dichlorobenzene	8.116	146	1015538	41.882	ng	98
15) Benzyl Alcohol	8.005	79	755427	38.746	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1214604	36.487	ng	98
17) 2-Methylphenol	8.199	107	706790	38.522	ng	98
18) Hexachloroethane	8.834	117	389552	42.461	ng	94
19) n-Nitroso-di-n-propyla...	8.569	70	616566	34.217	ng	98
20) 3+4-Methylphenols	8.522	107	917747	36.776	ng	99
22) Acetophenone	8.587	105	1284278	44.498	ng	99
24) Nitrobenzene	8.963	77	929149	43.102	ng	98
25) Isophorone	9.475	82	1574841	38.160	ng	98
26) 2-Nitrophenol	9.657	139	421184	49.281	ng	99
27) 2,4-Dimethylphenol	9.716	122	565753	45.377	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	1022888	40.326	ng	100
29) 2,4-Dichlorophenol	10.181	162	731650	43.742	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	905257	45.588	ng	97
31) Naphthalene	10.581	128	2547146	42.853	ng	100
32) Benzoic acid	9.840	122	451854	39.553	ng	99
33) 4-Chloroaniline	10.693	127	375884	16.347	ng	98
34) Hexachlorobutadiene	10.863	225	570059	45.573	ng	99
35) Caprolactam	11.475	113	187658	30.614	ng	92
36) 4-Chloro-3-methylphenol	11.816	107	696408	35.560	ng	98
37) 2-Methylnaphthalene	12.204	142	1602491	37.624	ng	98
38) 1-Methylnaphthalene	12.410	142	1488836	35.263	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	905242	54.739	ng	99
41) Hexachlorocyclopentadiene	12.551	237	944363	162.483	ng	99
43) 2,4,6-Trichlorophenol	12.804	196	526778	52.696	ng	97

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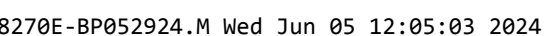
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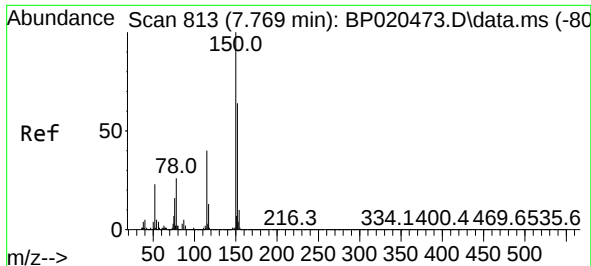
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	541622	46.964	ng	98
46) 1,1'-Biphenyl	13.222	154	1971350	48.871	ng	99
47) 2-Chloronaphthalene	13.257	162	1534356	47.848	ng	99
48) 2-Nitroaniline	13.457	65	399576	45.985	ng	98
49) Acenaphthylene	14.104	152	2301835	48.375	ng	100
50) Dimethylphthalate	13.840	163	1607965	39.910	ng	99
51) 2,6-Dinitrotoluene	13.963	165	351883	40.861	ng	95
52) Acenaphthene	14.451	154	1303340	43.423	ng	99
53) 3-Nitroaniline	14.287	138	261136	30.230	ng	99
54) 2,4-Dinitrophenol	14.498	184	320595	82.026	ng	94
55) Dibenzofuran	14.798	168	2085032	43.852	ng	98
56) 4-Nitrophenol	14.598	139	614803	92.008	ng	94
57) 2,4-Dinitrotoluene	14.763	165	460937	40.728	ng	91
58) Fluorene	15.457	166	1550814	40.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	421929	44.706	ng	99
60) Diethylphthalate	15.234	149	1478124	36.090	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	807954	41.019	ng	97
62) 4-Nitroaniline	15.475	138	335890	37.748	ng	98
63) Azobenzene	15.757	77	1473212	38.523	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	217229	49.225	ng	99
66) n-Nitrosodiphenylamine	15.675	169	1289775	47.353	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	467185	46.094	ng	98
68) Hexachlorobenzene	16.475	284	555644	46.581	ng	98
69) Atrazine	16.657	200	432799	45.166	ng	100
70) Pentachlorophenol	16.828	266	680663	93.953	ng	99
71) Phenanthrene	17.239	178	2285309	46.926	ng	100
72) Anthracene	17.333	178	2260401	47.301	ng	100
73) Carbazole	17.610	167	2168138	46.905	ng	99
74) Di-n-butylphthalate	18.216	149	2373784	42.406	ng	99
75) Fluoranthene	19.333	202	2823349	49.005	ng	99
77) Benzidine	19.533	184	442292	15.170	ng	99
78) Pyrene	19.710	202	2975504	33.407	ng	99
80) Butylbenzylphthalate	20.674	149	1313139	37.186	ng	93
81) Benzo(a)anthracene	21.639	228	3586408	45.999	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1034355	44.629	ng	99
83) Chrysene	21.704	228	3432001	46.715	ng	99
84) Bis(2-ethylhexyl)phtha...	21.598	149	2134731	42.113	ng	99
85) Di-n-octyl phthalate	22.898	149	4113614	55.834	ng	97
87) Indeno(1,2,3-cd)pyrene	28.845	276	4432526	49.269	ng	# 92
88) Benzo(b)fluoranthene	23.957	252	4177282	45.322	ng	99
89) Benzo(k)fluoranthene	24.033	252	4113867	45.763	ng	99
90) Benzo(a)pyrene	24.857	252	3936924	51.576	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	4217629	56.205	ng	99
92) Benzo(g,h,i)perylene	30.021	276	3989266	53.186	ng	99

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

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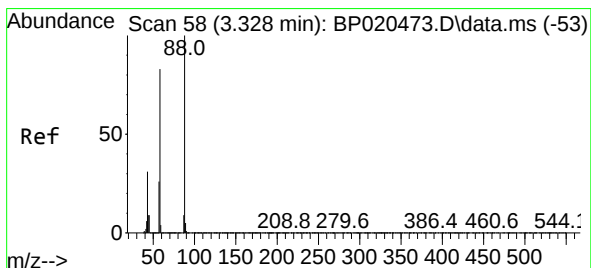
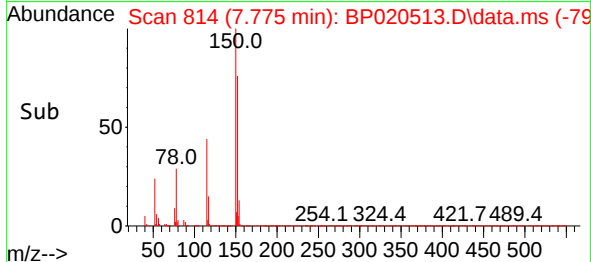
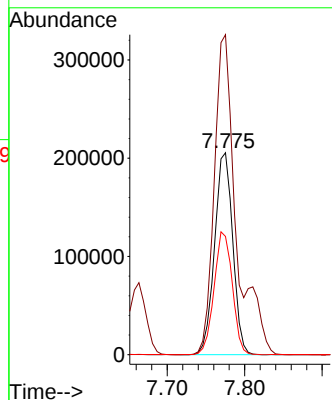
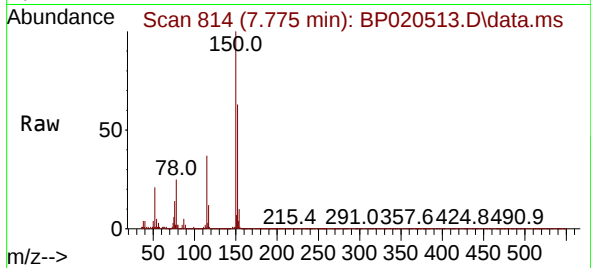




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

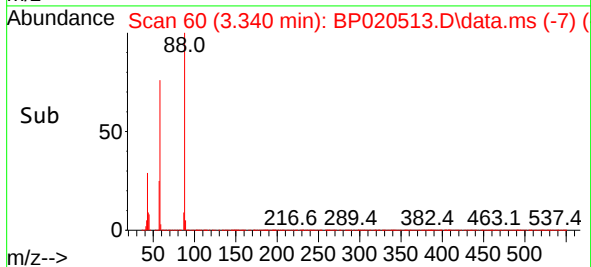
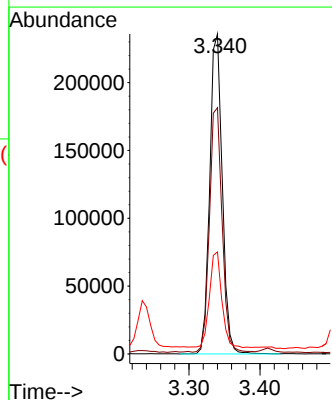
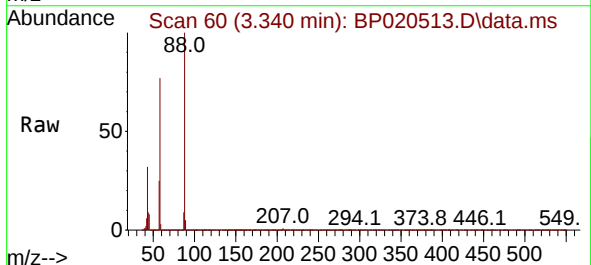
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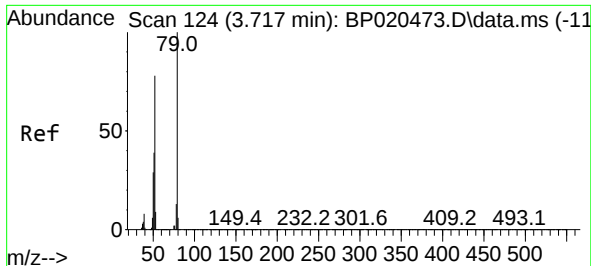
Tgt Ion:152 Resp: 335113
Ion Ratio Lower Upper
152 100
150 158.4 124.2 186.2
115 58.5 49.5 74.3



#2
1,4-Dioxane
Concen: 38.326 ng
RT: 3.340 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 88 Resp: 289847
Ion Ratio Lower Upper
88 100
58 77.2 64.6 97.0
43 29.1 24.5 36.7

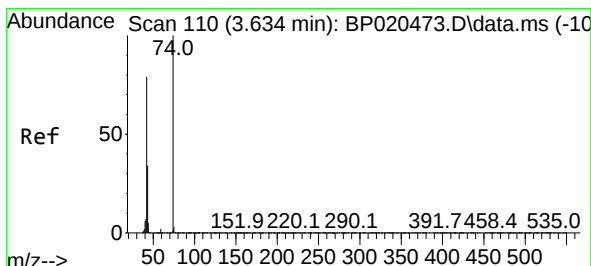
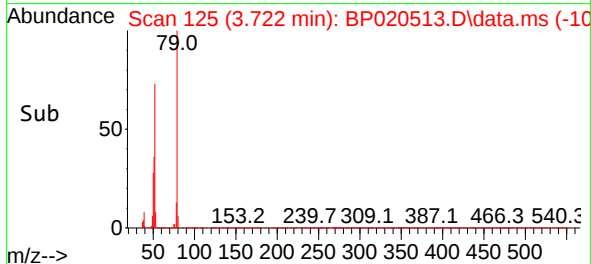
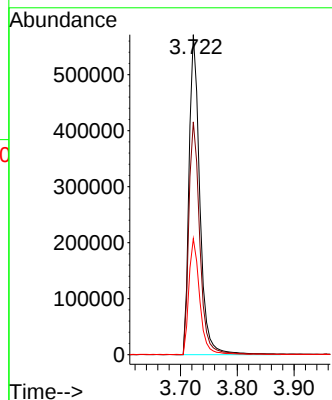
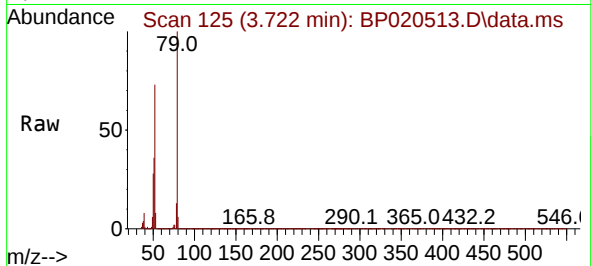




#3
Pyridine
Concen: 35.258 ng
RT: 3.722 min Scan# 110
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

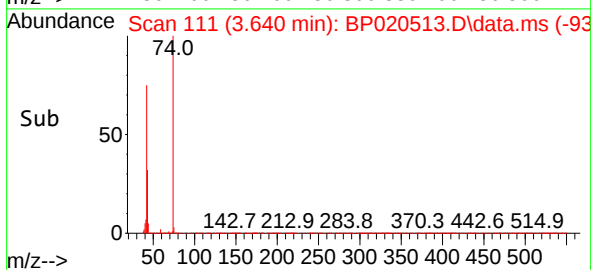
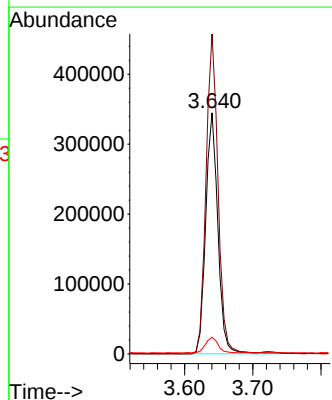
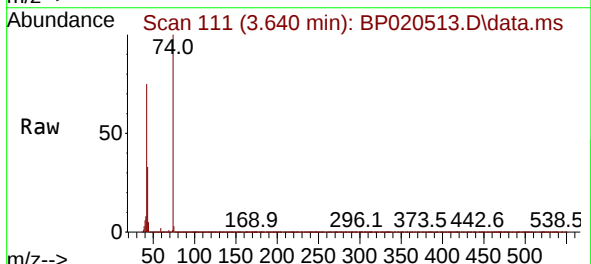
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ClientSampleId :
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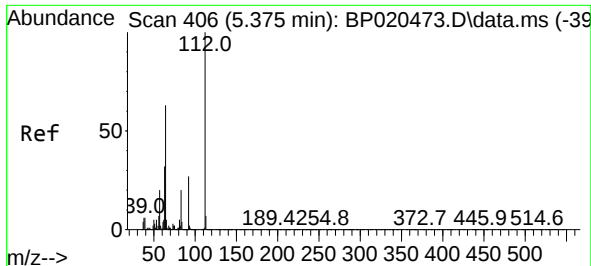
Tgt Ion: 79 Resp: 749703
Ion Ratio Lower Upper
79 100
52 72.8 62.6 94.0
51 36.3 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 41.447 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 42 Resp: 428057
Ion Ratio Lower Upper
42 100
74 132.7 100.6 151.0
44 7.0 5.8 8.8

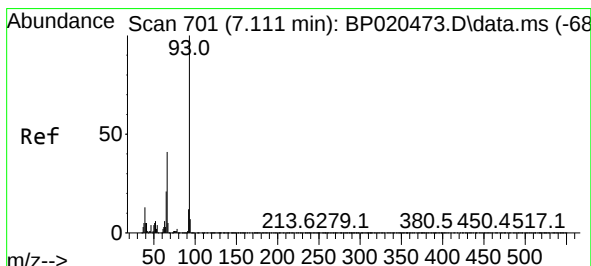
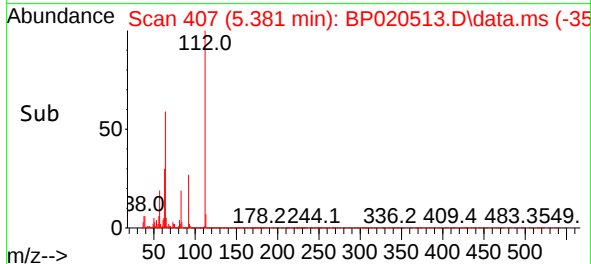
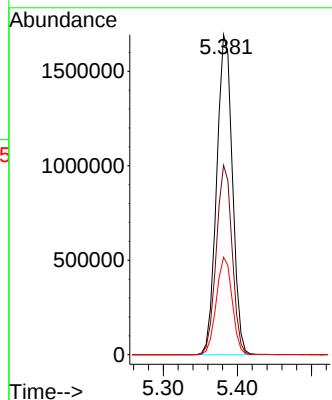
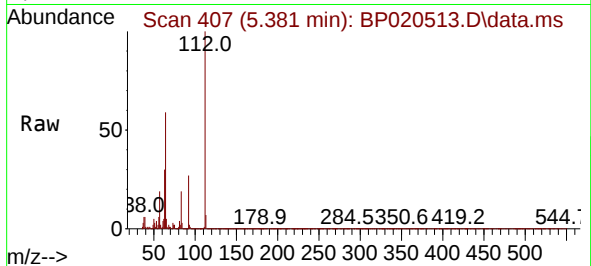




#5
2-Fluorophenol
Concen: 133.410 ng
RT: 5.381 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

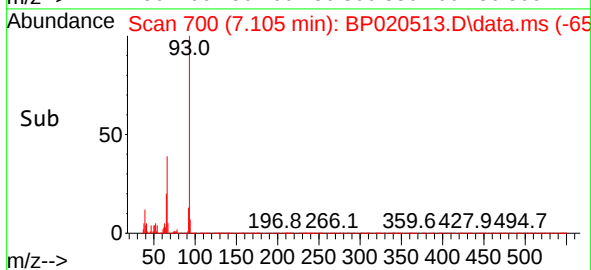
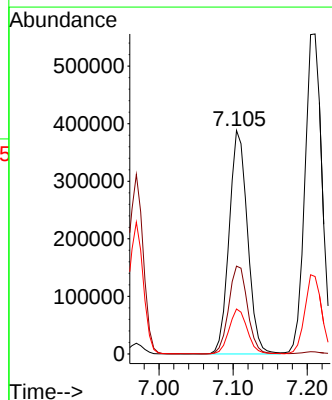
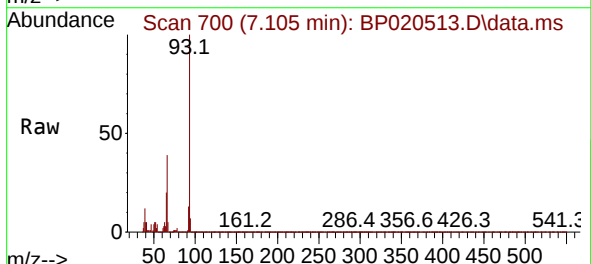
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:112 Resp: 2496991
Ion Ratio Lower Upper
112 100
64 59.2 50.1 75.1
63 30.4 25.7 38.5



#6
Aniline
Concen: 24.915 ng
RT: 7.105 min Scan# 700
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 93 Resp: 666371
Ion Ratio Lower Upper
93 100
66 39.3 32.8 49.2
65 20.2 16.9 25.3

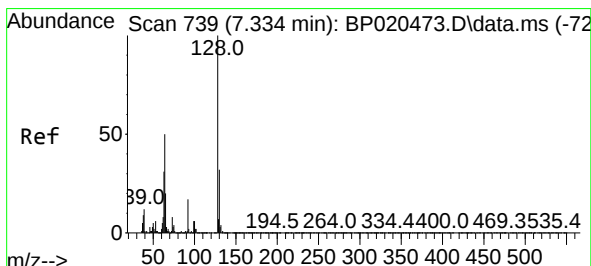
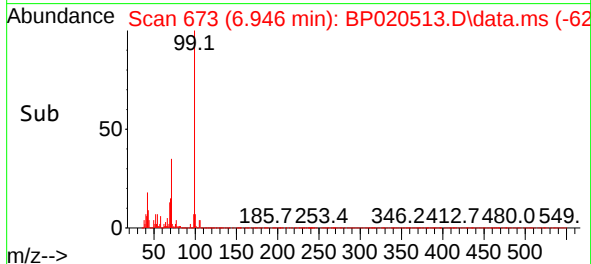
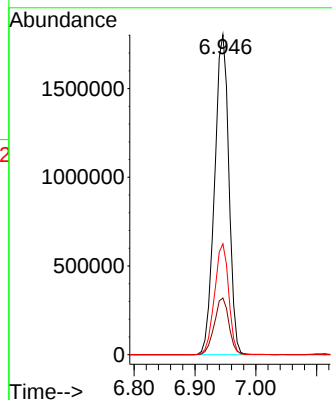
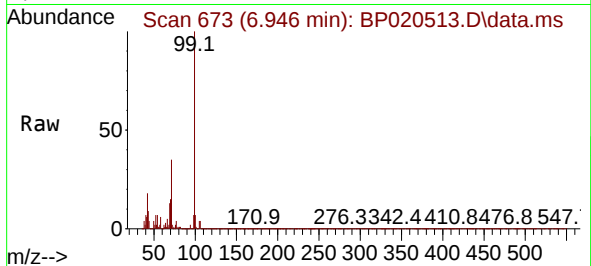




#7
Phenol-d6
Concen: 110.984 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

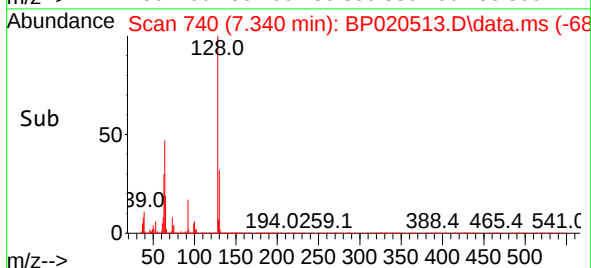
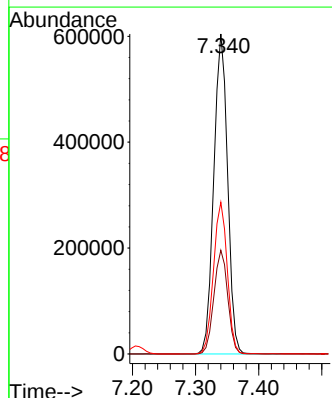
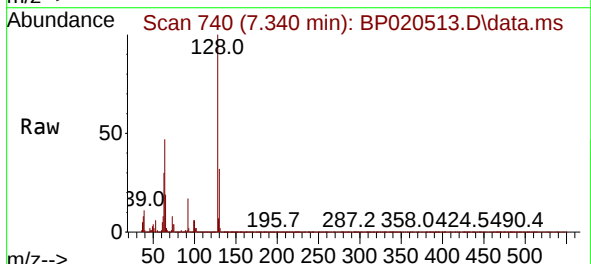
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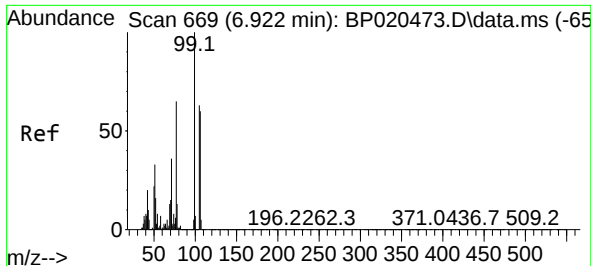
Tgt Ion: 99 Resp: 2929439
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 34.6 27.3 40.9



#8
2-Chlorophenol
Concen: 43.646 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 128 Resp: 915751
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 47.4 29.6 69.6

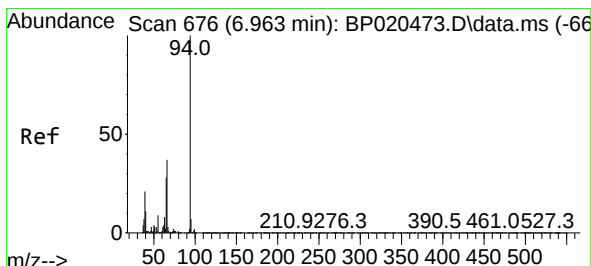
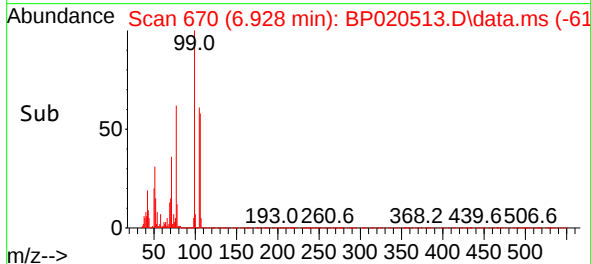
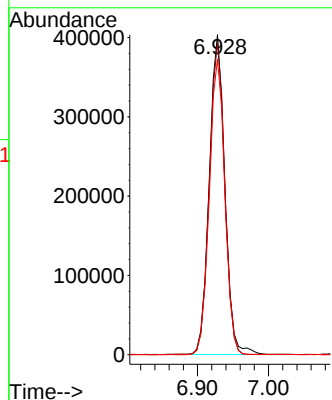
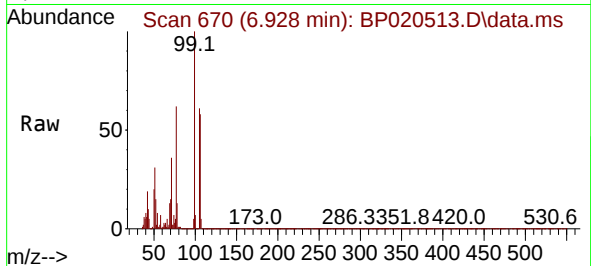




#9
Benzaldehyde
Concen: 36.265 ng
RT: 6.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

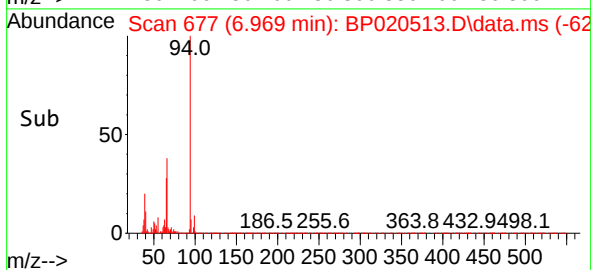
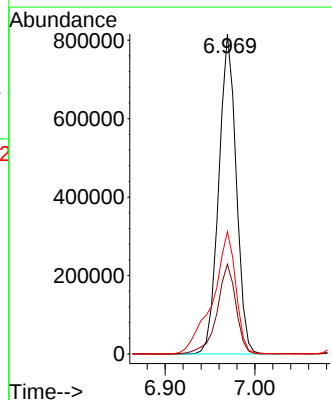
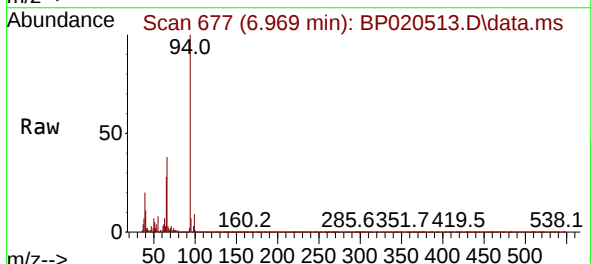
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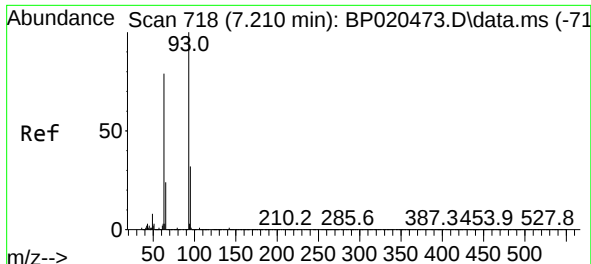
Tgt Ion: 77 Resp: 614015
Ion Ratio Lower Upper
77 100
105 97.5 76.8 116.8
106 92.3 72.0 112.0



#10
Phenol
Concen: 40.705 ng
RT: 6.969 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP020513.D
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Tgt Ion: 94 Resp: 1100554
Ion Ratio Lower Upper
94 100
65 28.1 8.2 48.2
66 38.2 17.2 57.2

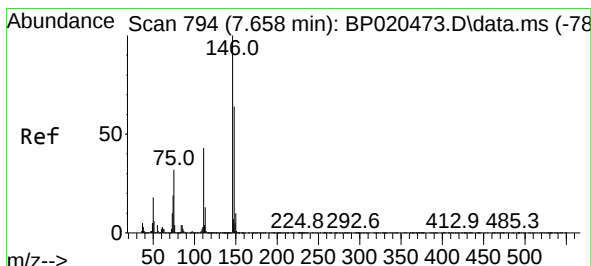
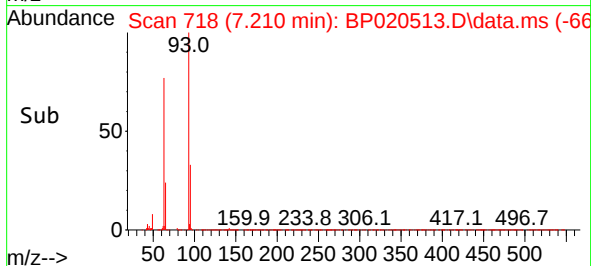
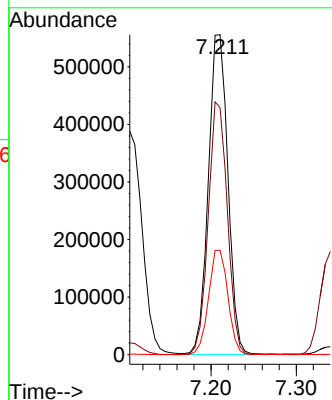
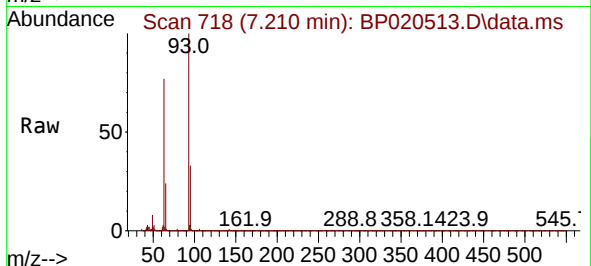




#11
bis(2-Chloroethyl)ether
Concen: 39.724 ng
RT: 7.210 min Scan# 718
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

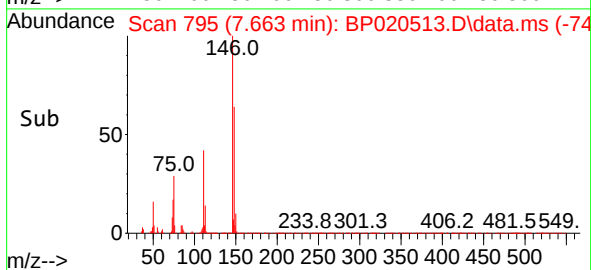
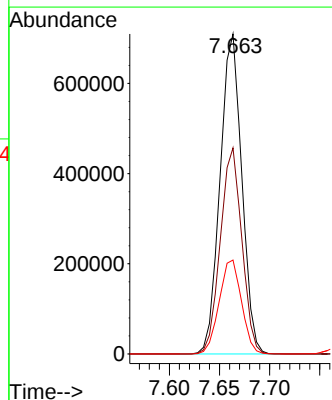
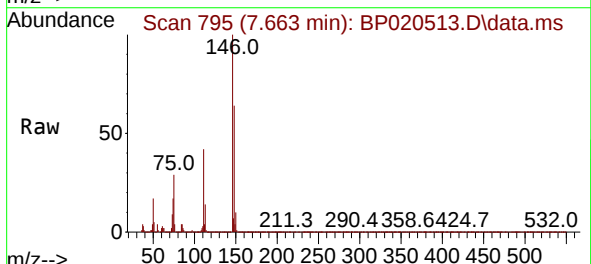
Instrument :
BNA_P
ClientSampleId :
PB161311BS

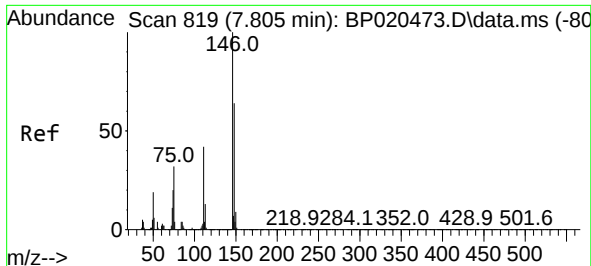
Tgt Ion: 93 Resp: 885737
Ion Ratio Lower Upper
93 100
63 77.2 58.3 98.3
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.090 ng
RT: 7.663 min Scan# 795
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:146 Resp: 1065196
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 29.4 25.3 37.9

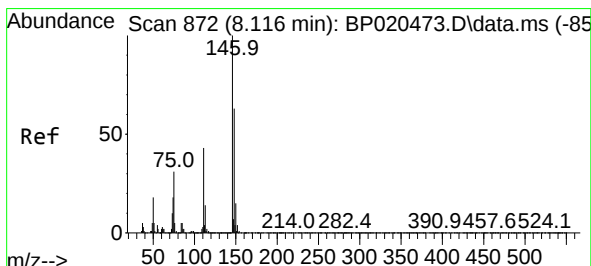
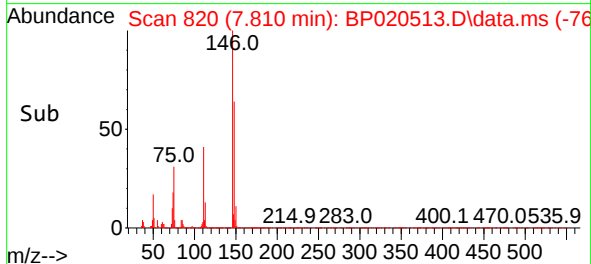
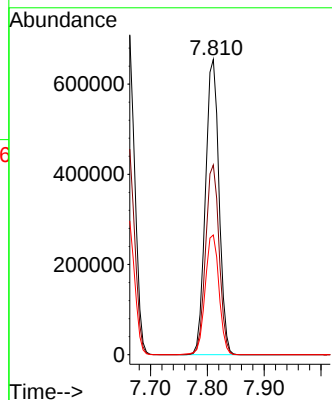
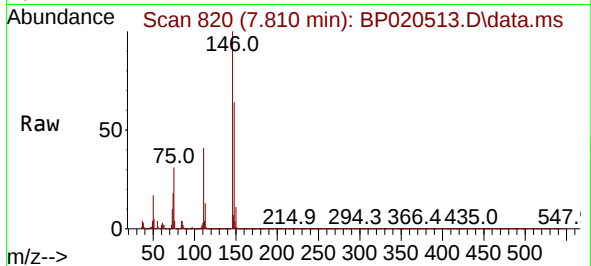




#13
1,4-Dichlorobenzene
Concen: 43.010 ng
RT: 7.810 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

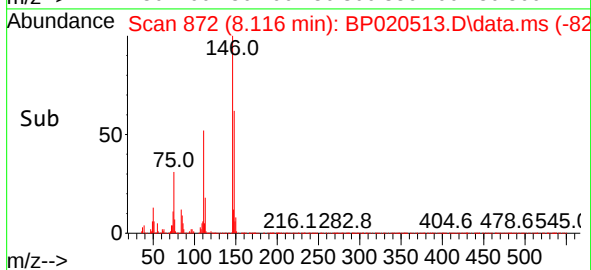
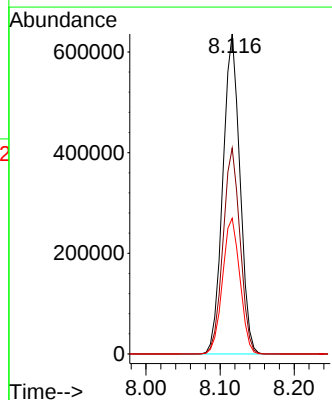
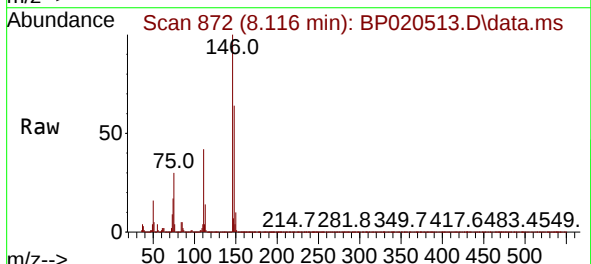
Instrument :
BNA_P
ClientSampleId :
PB161311BS

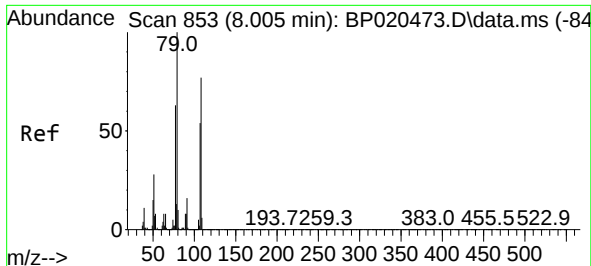
Tgt Ion:146 Resp: 1080613
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 40.5 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 41.882 ng
RT: 8.116 min Scan# 872
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:146 Resp: 1015538
Ion Ratio Lower Upper
146 100
148 64.3 50.1 75.1
111 42.4 34.4 51.6

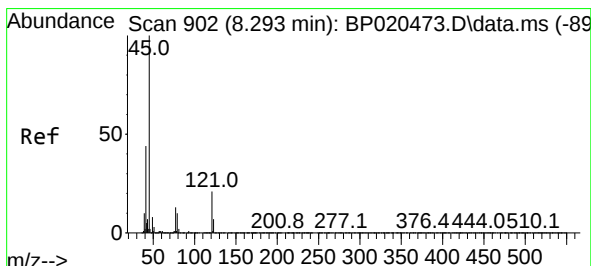
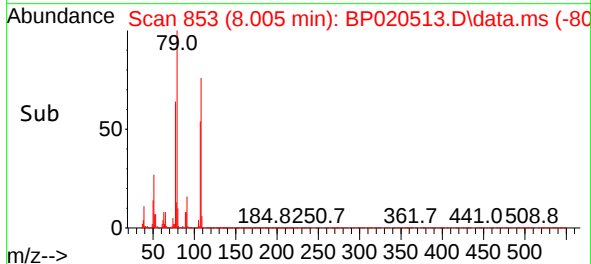
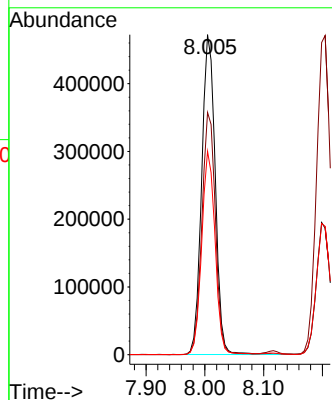
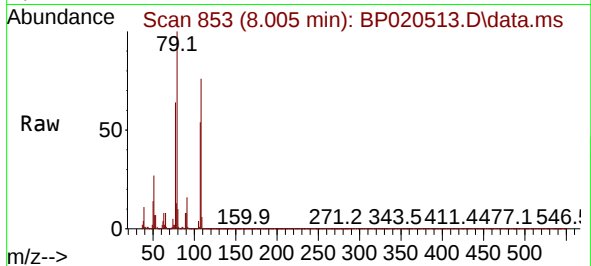




#15
Benzyl Alcohol
Concen: 38.746 ng
RT: 8.005 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

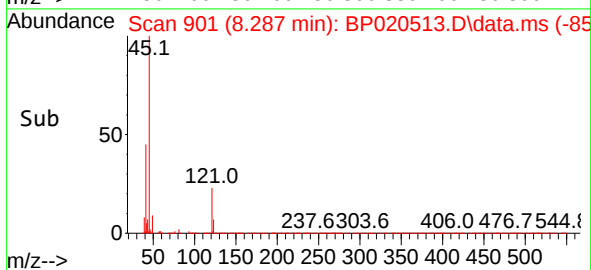
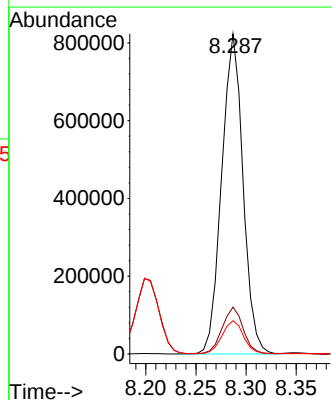
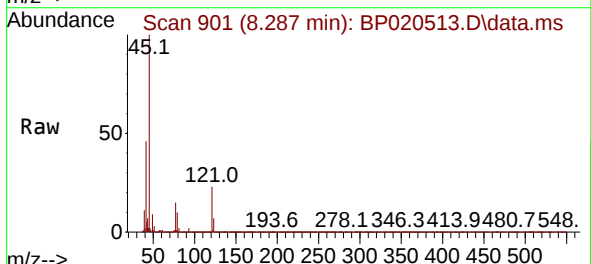
Instrument :
BNA_P
ClientSampleId :
PB161311BS

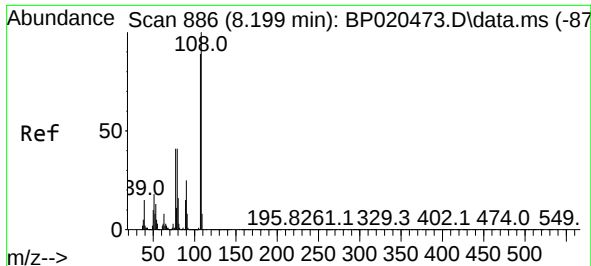
Tgt Ion: 79 Resp: 755427
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.2
77 63.6 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.487 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 45 Resp: 1214604
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.6
79 10.4 0.0 29.9

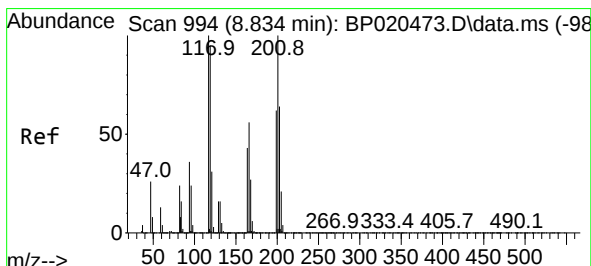
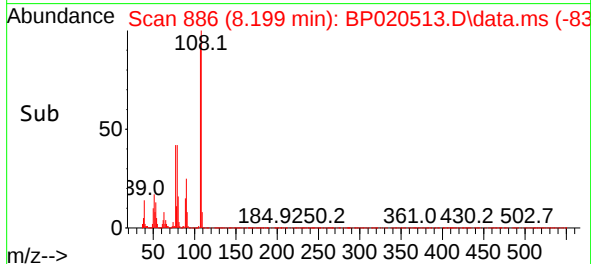
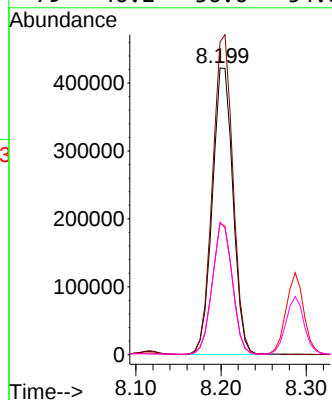
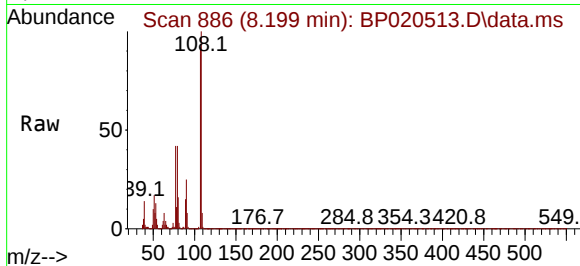




#17
2-Methylphenol
Concen: 38.522 ng
RT: 8.199 min Scan# 886
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

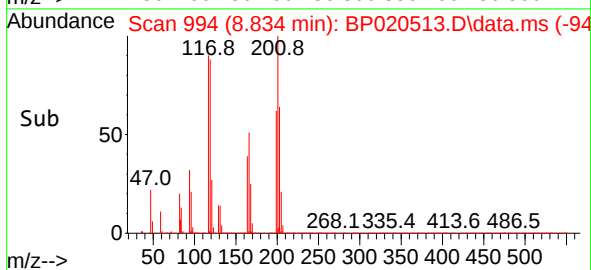
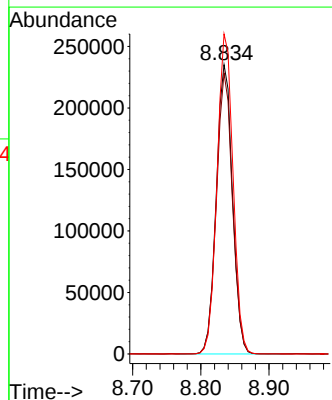
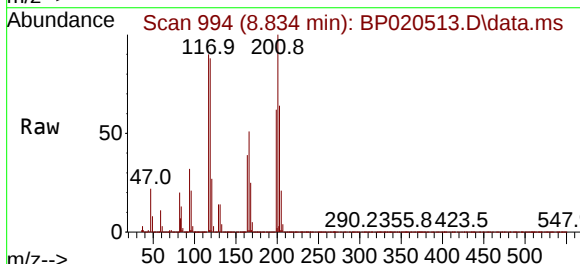
Instrument :
BNA_P
ClientSampleId :
PB161311BS

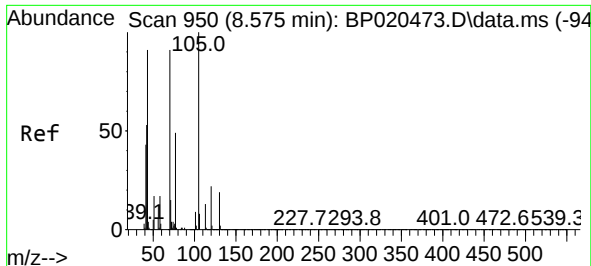
Tgt Ion:	107	Resp:	706790
Ion	Ratio	Lower	Upper
107	100		
108	109.1	89.4	134.2
77	45.9	36.6	55.0
79	46.2	36.6	54.8



#18
Hexachloroethane
Concen: 42.461 ng
RT: 8.834 min Scan# 994
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

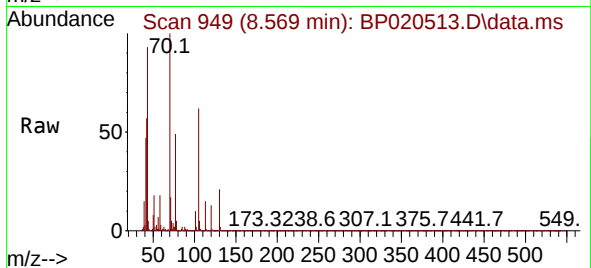
Tgt Ion:	117	Resp:	389552
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.3	114.5
201	110.6	79.9	119.9



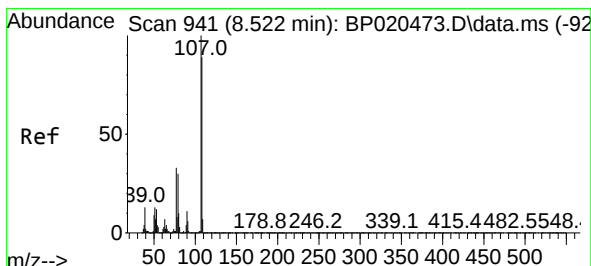
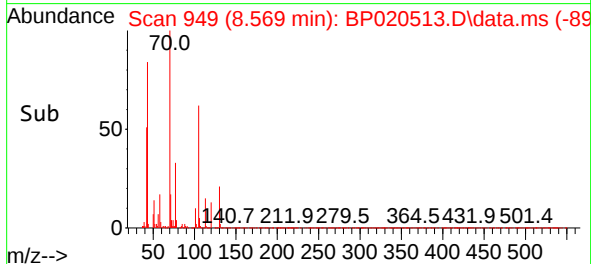
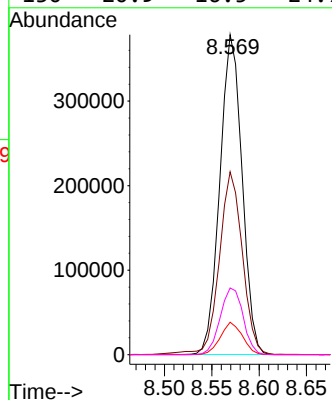


#19
n-Nitroso-di-n-propylamine
Concen: 34.217 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Instrument :
BNA_P
ClientSampleId :
PB161311BS

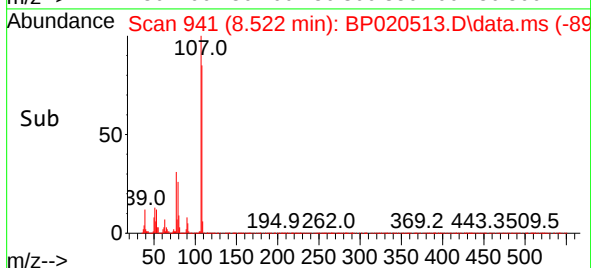
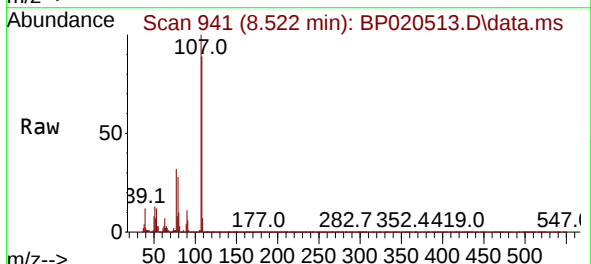
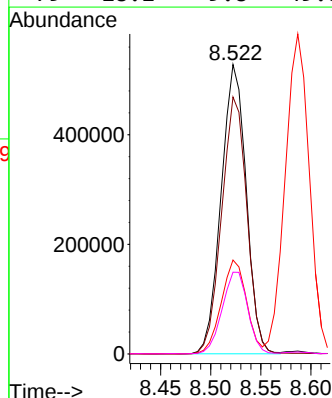


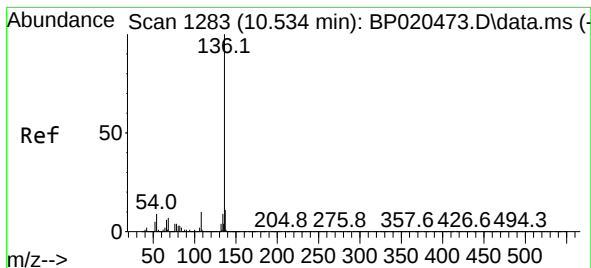
Tgt Ion: 70 Resp: 616566
Ion Ratio Lower Upper
70 100
42 57.2 47.4 71.0
101 10.1 7.8 11.8
130 20.9 16.5 24.7



#20
3+4-Methylphenols
Concen: 36.776 ng
RT: 8.522 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 107 Resp: 917747
Ion Ratio Lower Upper
107 100
108 88.8 69.2 109.2
77 32.4 13.5 53.5
79 28.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 1162715

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

Tgt Ion:136 Resp: 1162715

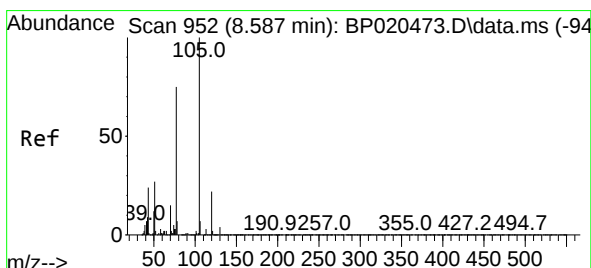
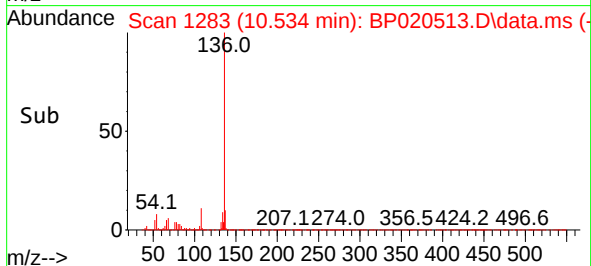
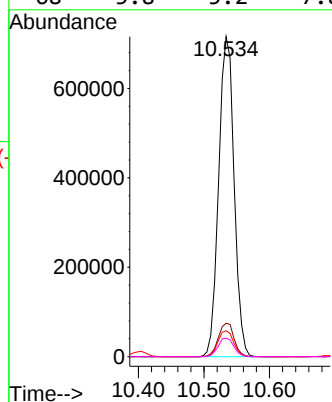
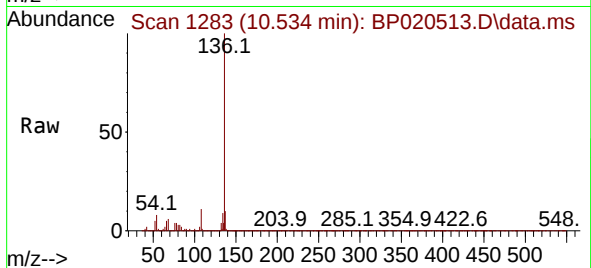
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 8.1 7.4 11.0

68 5.8 5.2 7.8



#22

Acetophenone

Concen: 44.498 ng

RT: 8.587 min Scan# 952

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Tgt Ion:105 Resp: 1284278

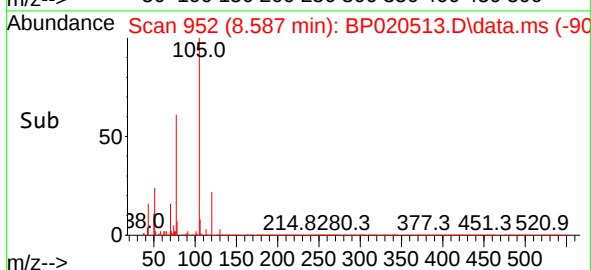
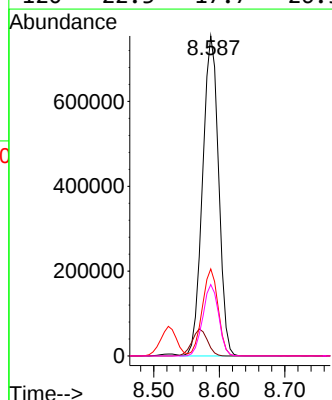
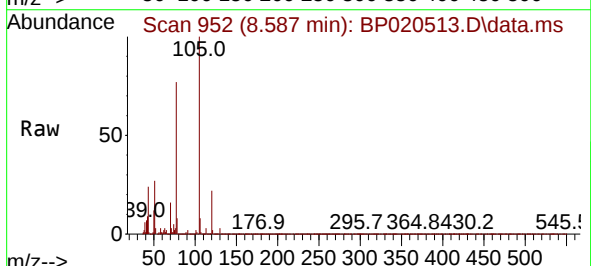
Ion Ratio Lower Upper

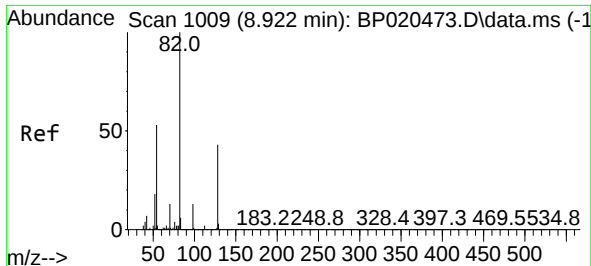
105 100

71 2.6 2.3 3.5

51 27.2 22.6 33.8

120 22.3 17.7 26.5

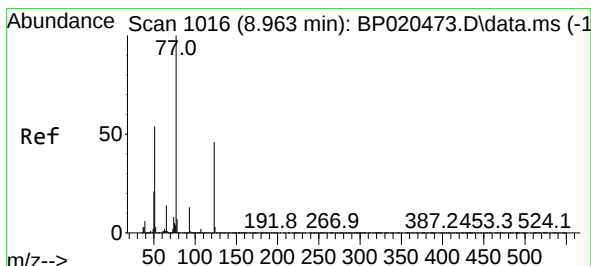
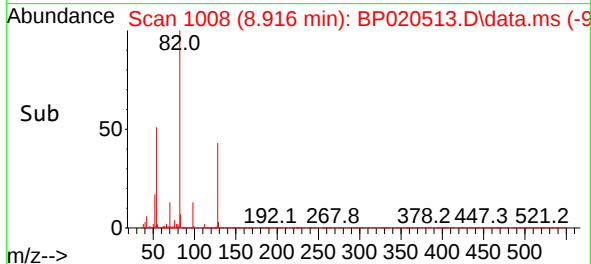
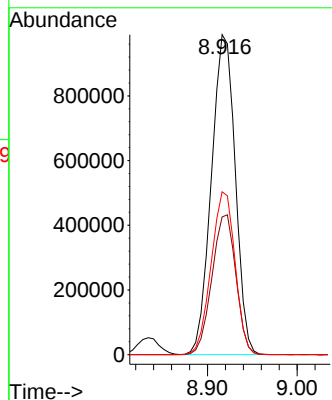
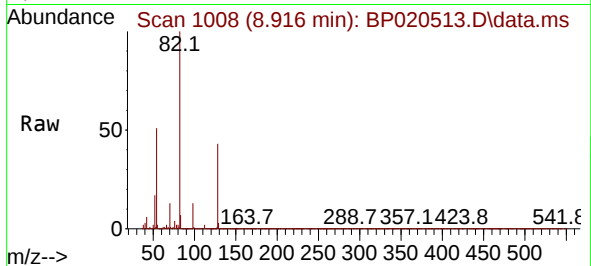




#23
Nitrobenzene-d5
Concen: 86.045 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

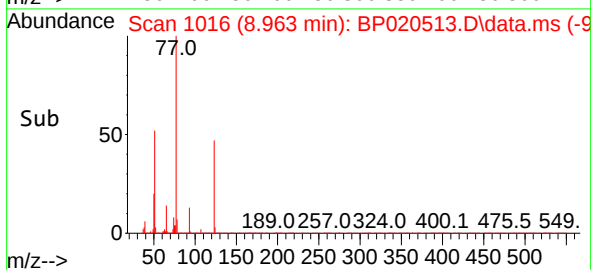
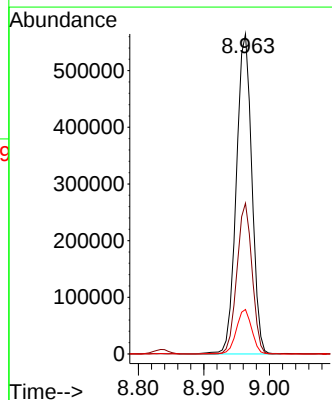
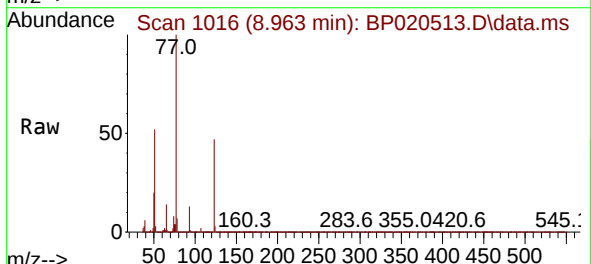
Instrument :
BNA_P
ClientSampleId :
PB161311BS

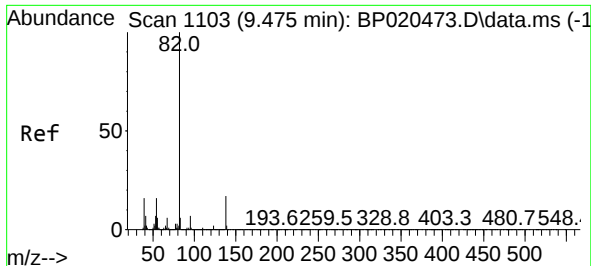
Tgt Ion: 82 Resp: 1827655
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 50.9 42.7 64.1



#24
Nitrobenzene
Concen: 43.102 ng
RT: 8.963 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 77 Resp: 929149
Ion Ratio Lower Upper
77 100
123 47.1 36.6 54.8
65 13.9 11.1 16.7

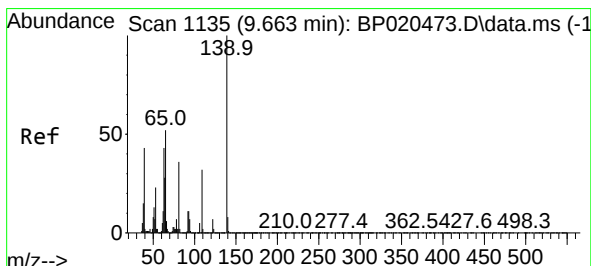
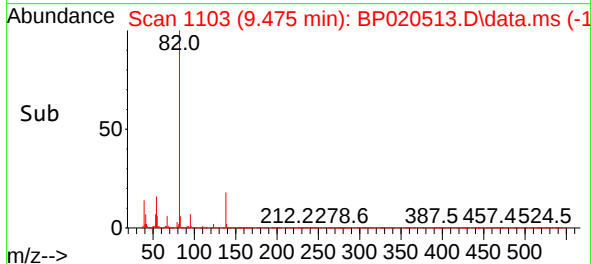
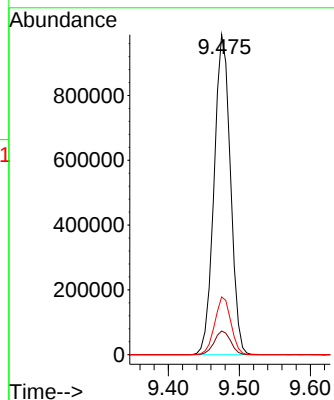
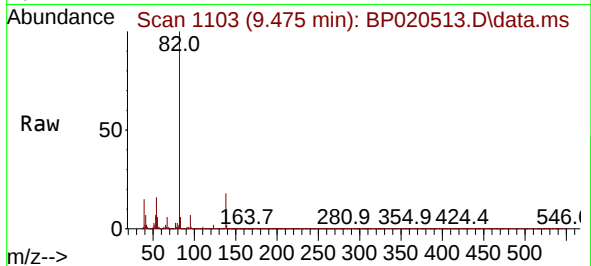




#25
Isophorone
Concen: 38.160 ng
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

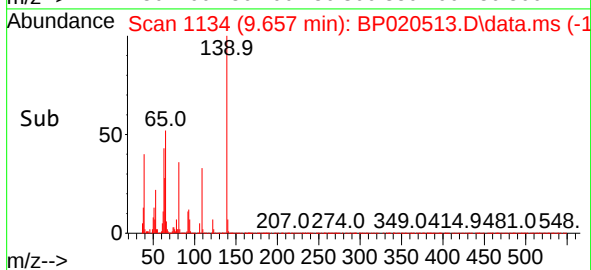
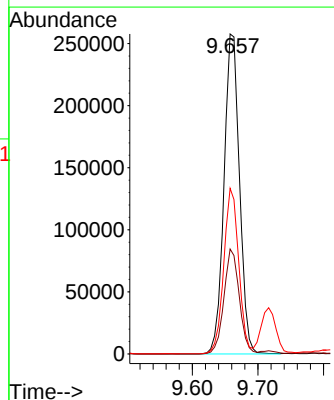
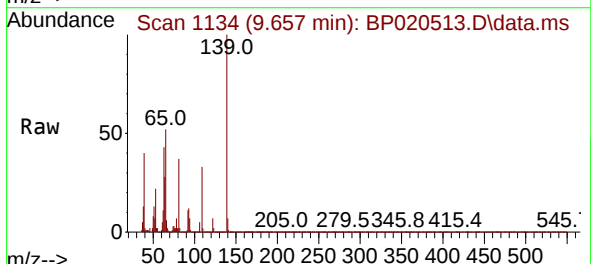
Instrument :
BNA_P
ClientSampleId :
PB161311BS

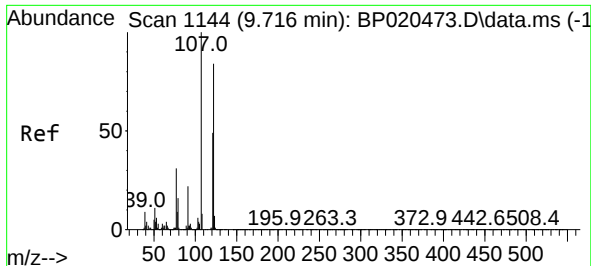
Tgt Ion: 82 Resp: 1574841
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.1 13.8 20.6



#26
2-Nitrophenol
Concen: 49.281 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 139 Resp: 421184
Ion Ratio Lower Upper
139 100
109 32.8 25.8 38.8
65 51.8 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 45.377 ng

RT: 9.716 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

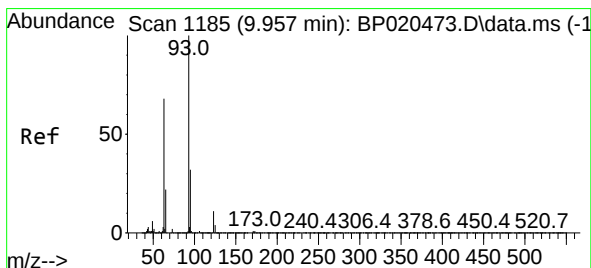
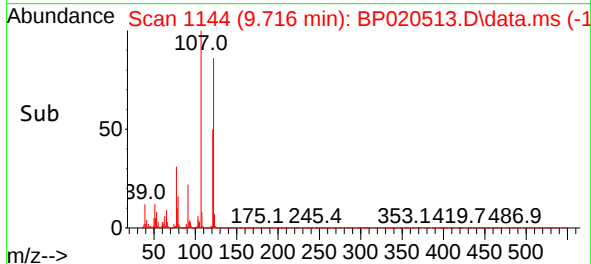
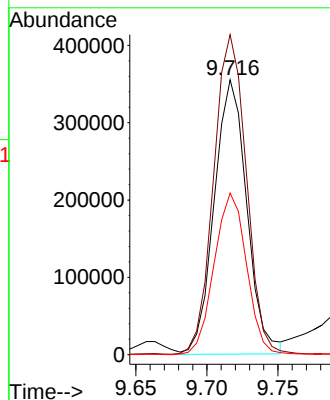
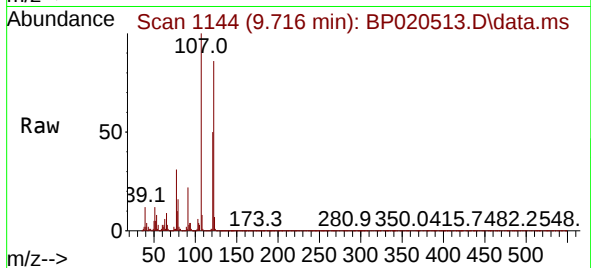
Tgt Ion:122 Resp: 565753

Ion Ratio Lower Upper

122 100

107 116.4 95.0 142.4

121 58.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.326 ng

RT: 9.957 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

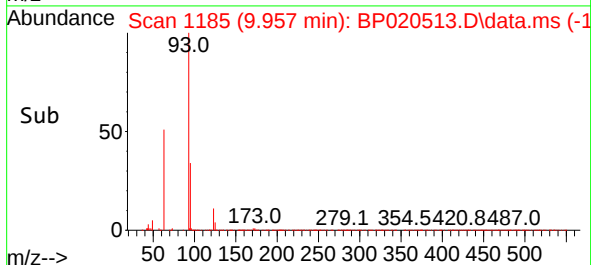
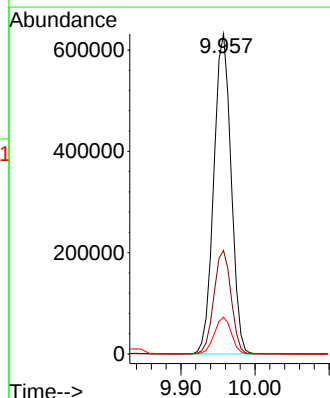
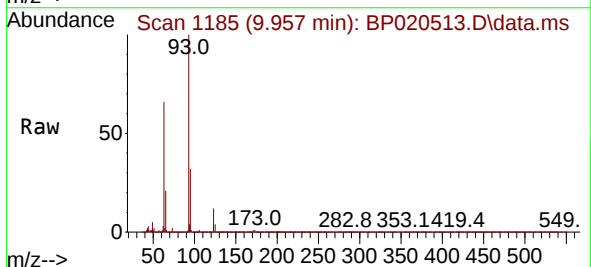
Tgt Ion: 93 Resp: 1022888

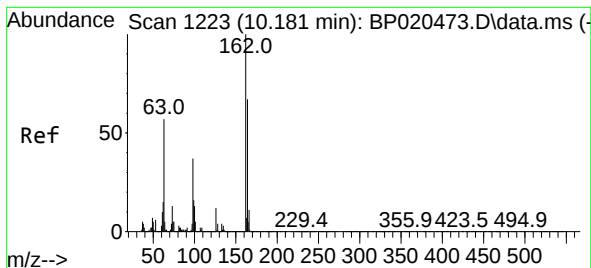
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 43.742 ng

RT: 10.181 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

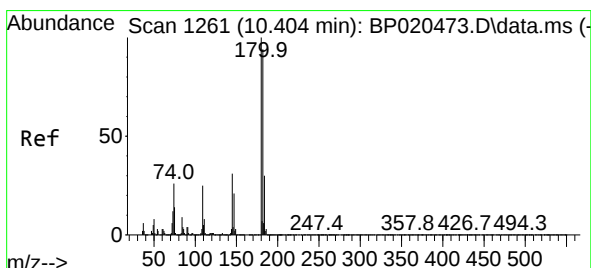
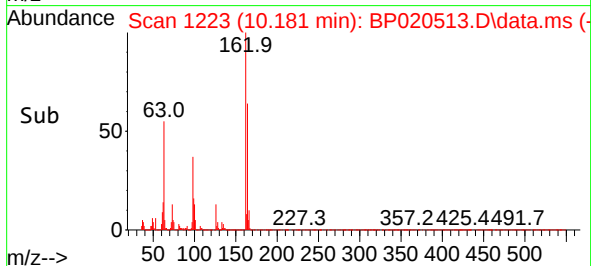
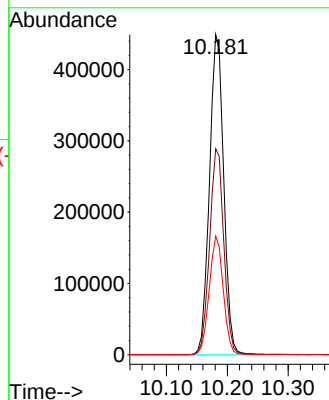
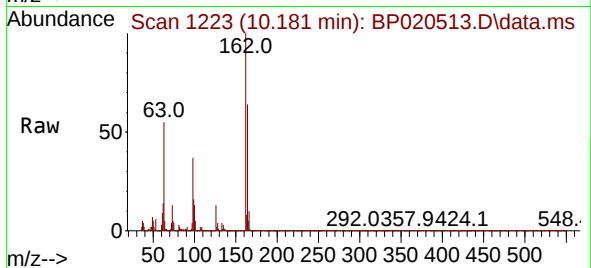
Tgt Ion:162 Resp: 731650

Ion Ratio Lower Upper

162 100

164 64.4 46.5 86.5

98 37.0 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 45.588 ng

RT: 10.404 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

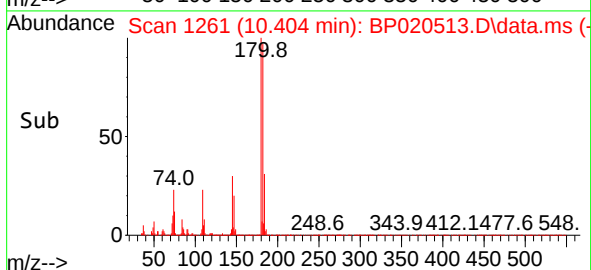
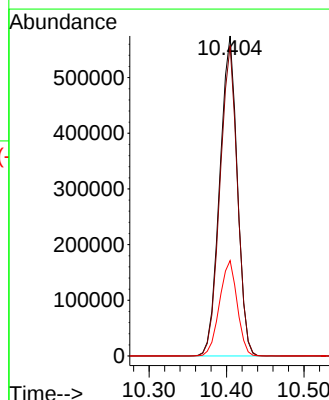
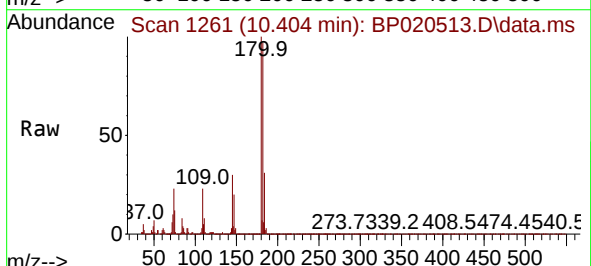
Tgt Ion:180 Resp: 905257

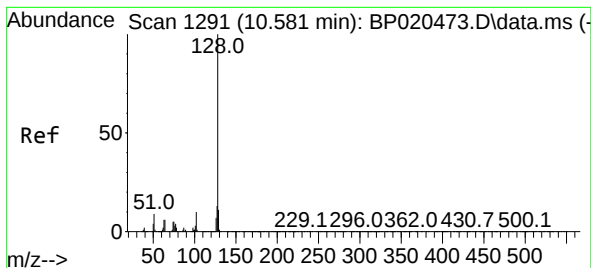
Ion Ratio Lower Upper

180 100

182 97.1 75.2 112.8

145 29.8 24.9 37.3

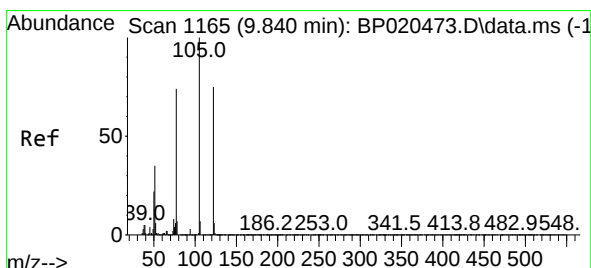
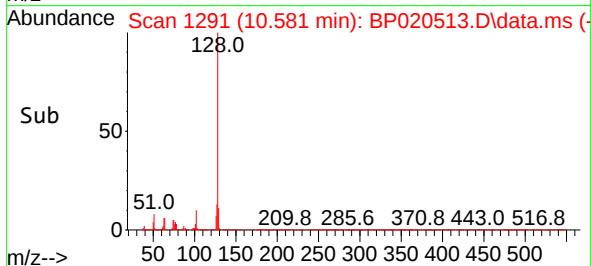
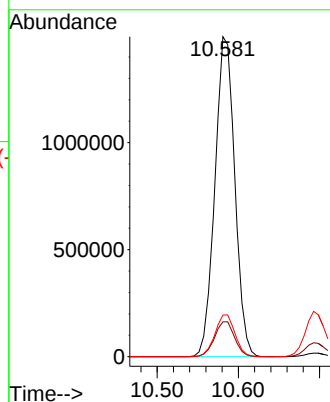
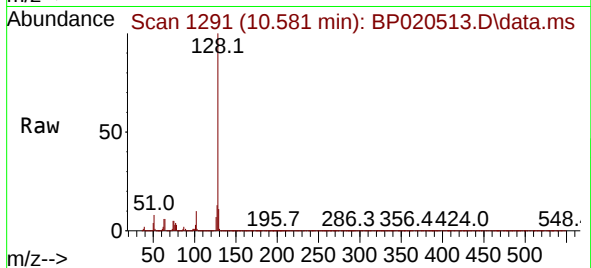




#31
Naphthalene
Concen: 42.853 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

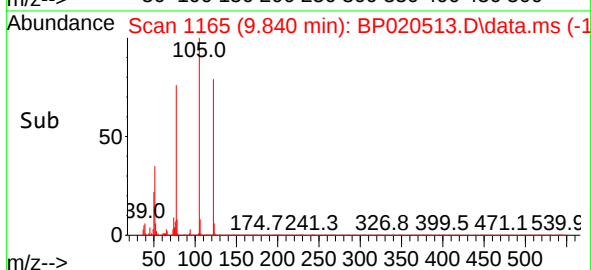
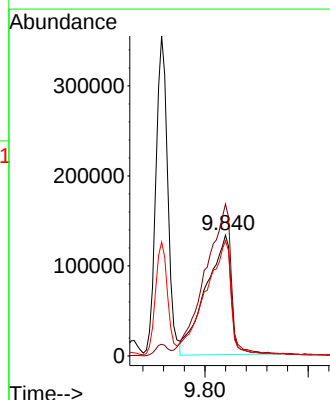
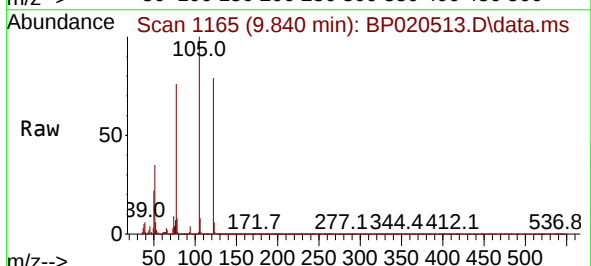
Instrument :
BNA_P
ClientSampleId :
PB161311BS

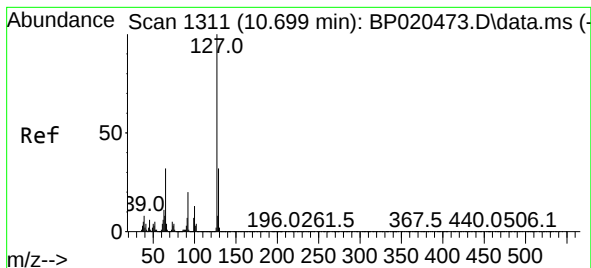
Tgt Ion:128 Resp: 2547146
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 39.553 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:122 Resp: 451854
Ion Ratio Lower Upper
122 100
105 125.8 107.5 147.5
77 95.4 76.1 116.1





#33

4-Chloroaniline

Concen: 16.347 ng

RT: 10.693 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

Tgt Ion:127 Resp: 375884

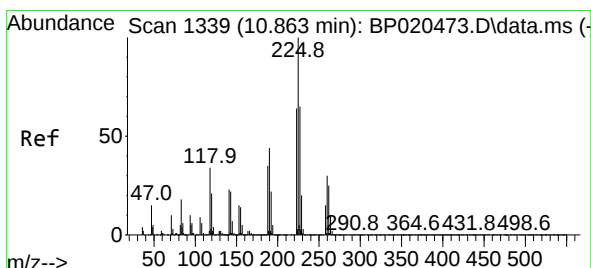
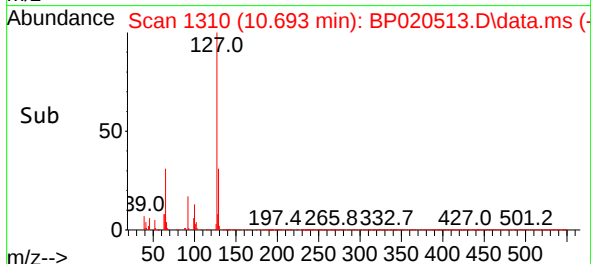
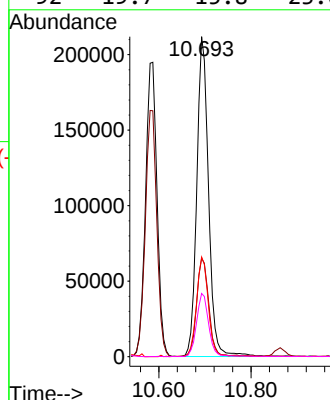
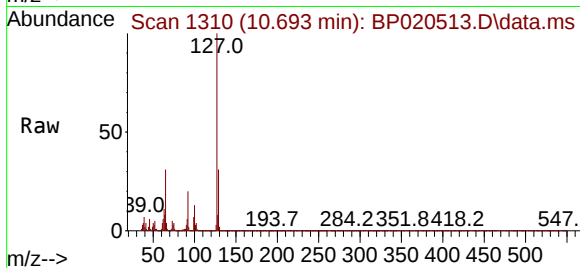
Ion Ratio Lower Upper

127 100

129 30.8 26.0 39.0

65 31.1 25.4 38.2

92 19.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 45.573 ng

RT: 10.863 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

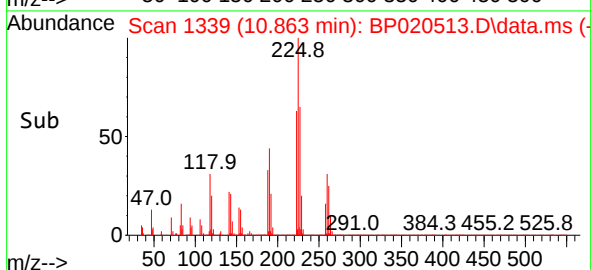
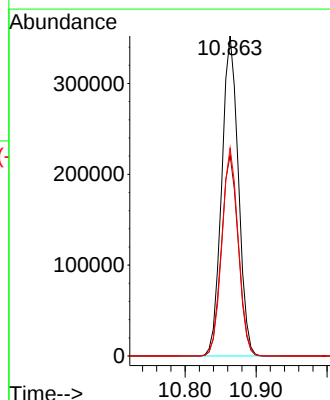
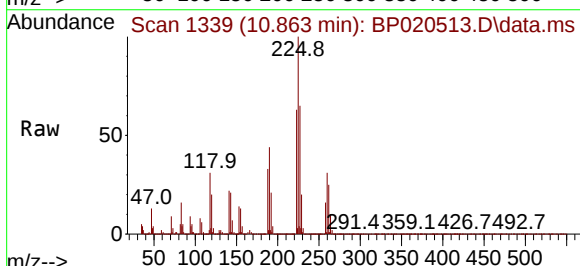
Tgt Ion:225 Resp: 570059

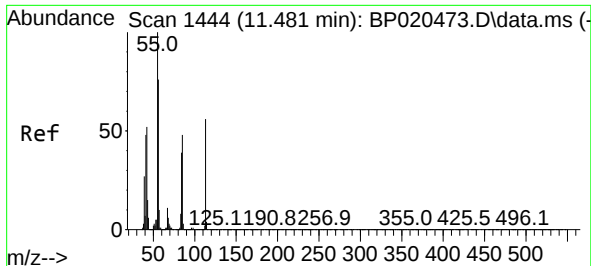
Ion Ratio Lower Upper

225 100

223 62.7 51.3 76.9

227 65.0 51.6 77.4

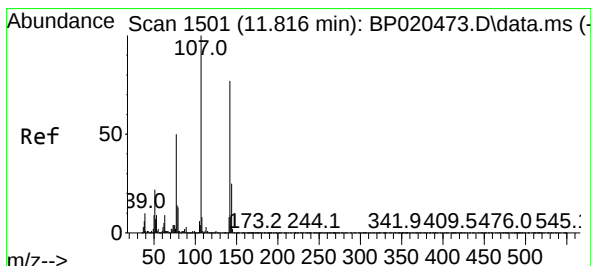
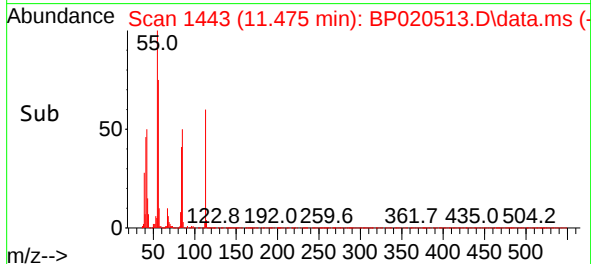
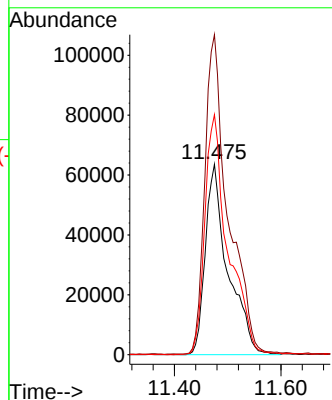
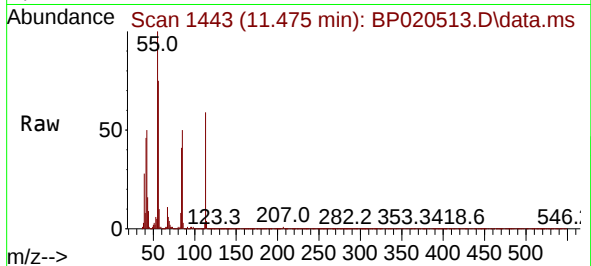




#35
Caprolactam
Concen: 30.614 ng
RT: 11.475 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

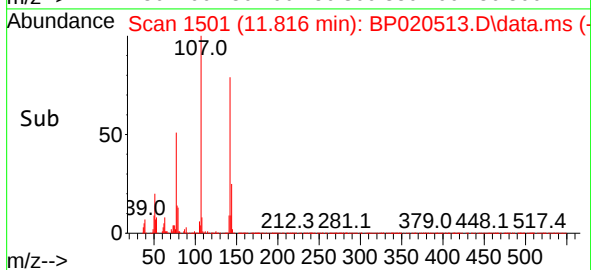
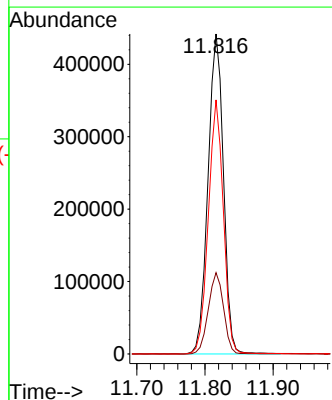
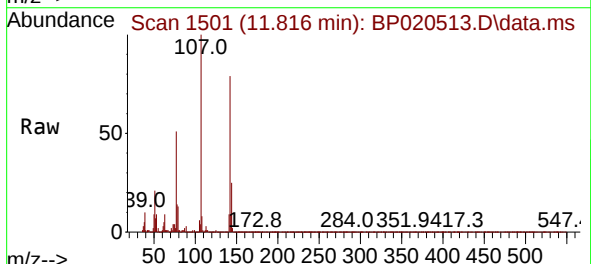
Instrument :
BNA_P
ClientSampleId :
PB161311BS

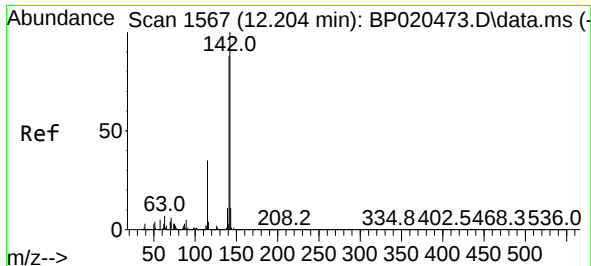
Tgt Ion:113 Resp: 187658
Ion Ratio Lower Upper
113 100
55 168.1 158.7 198.7
56 126.1 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 35.560 ng
RT: 11.816 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:107 Resp: 696408
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 79.4 61.4 92.2

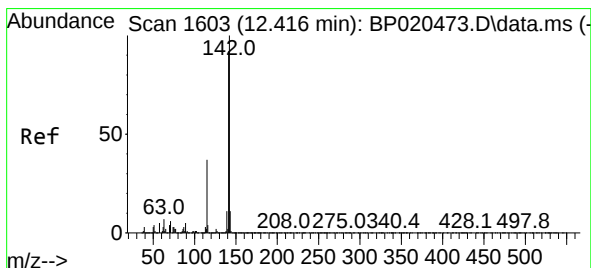
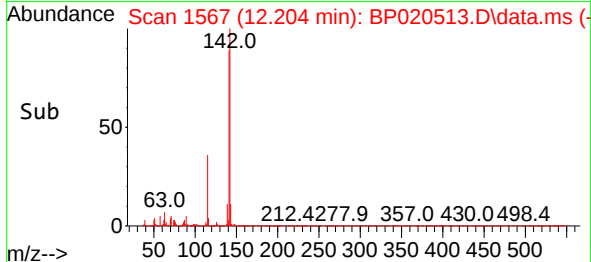
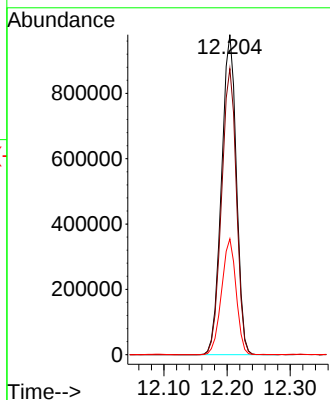
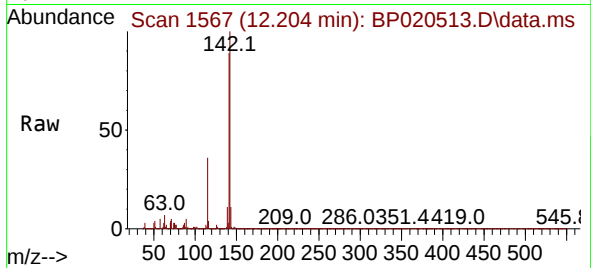




#37
2-Methylnaphthalene
Concen: 37.624 ng
RT: 12.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

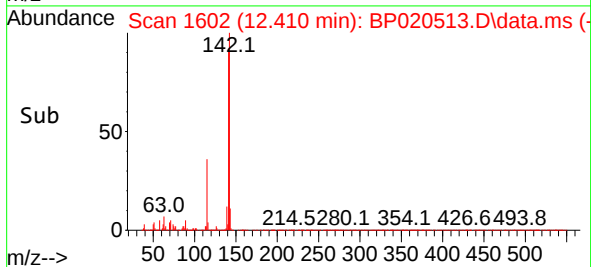
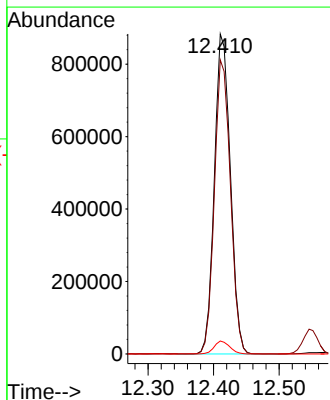
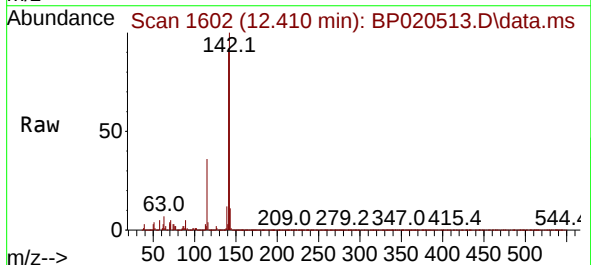
Instrument :
BNA_P
ClientSampleId :
PB161311BS

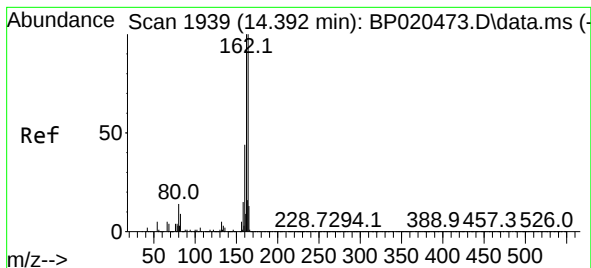
Tgt Ion:142 Resp: 1602491
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 36.2 28.0 42.0



#38
1-Methylnaphthalene
Concen: 35.263 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:142 Resp: 1488836
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

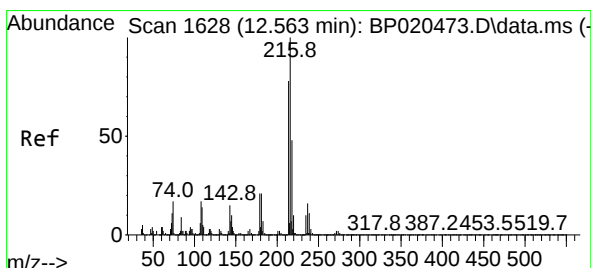
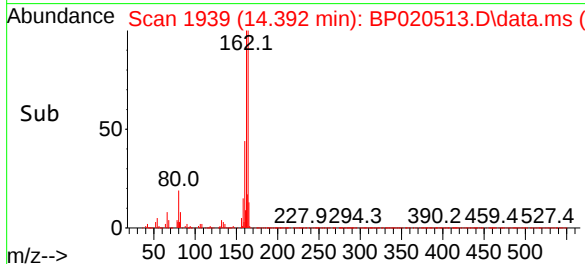
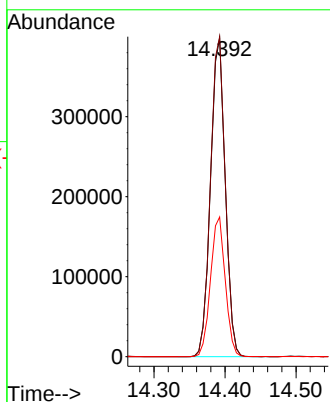
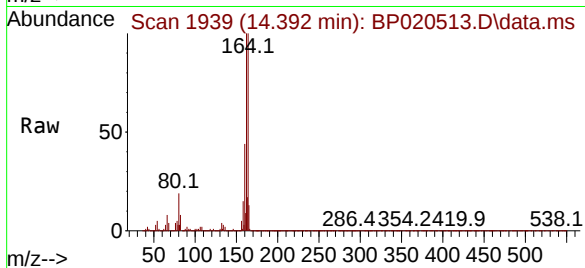
Tgt Ion:164 Resp: 571575

Ion Ratio Lower Upper

164 100

162 100.4 80.3 120.5

160 43.8 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.739 ng

RT: 12.569 min Scan# 1629

Delta R.T. 0.006 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Tgt Ion:216 Resp: 905242

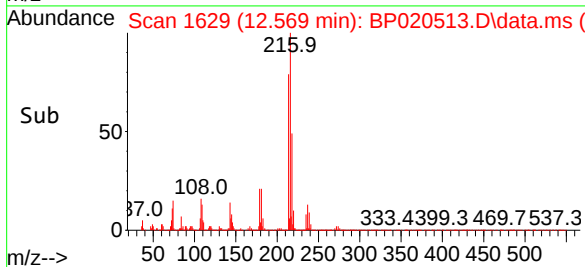
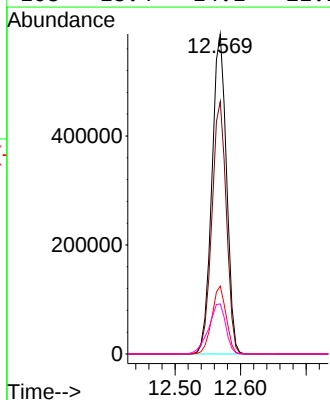
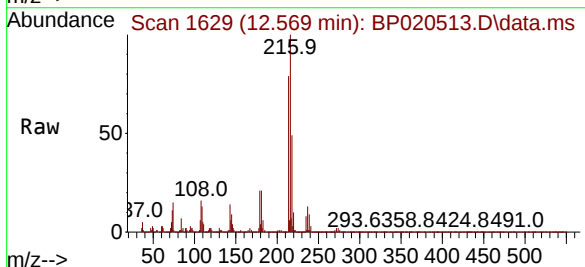
Ion Ratio Lower Upper

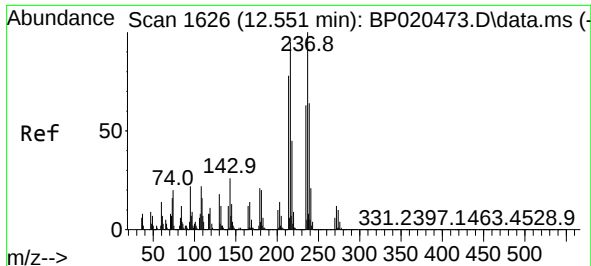
216 100

214 78.3 63.0 94.4

179 20.8 16.9 25.3

108 18.4 14.1 21.1

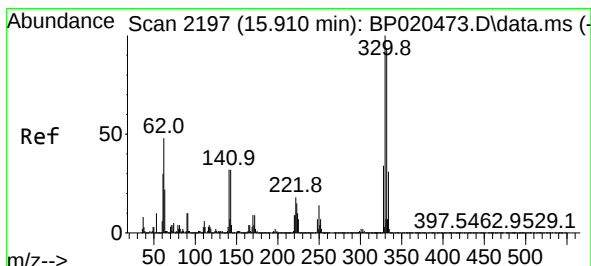
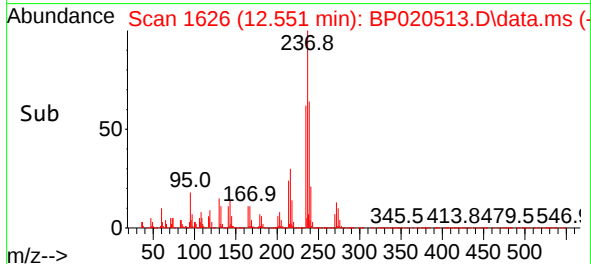
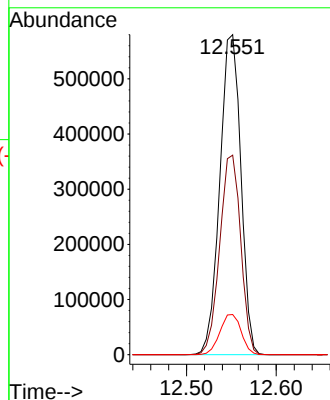
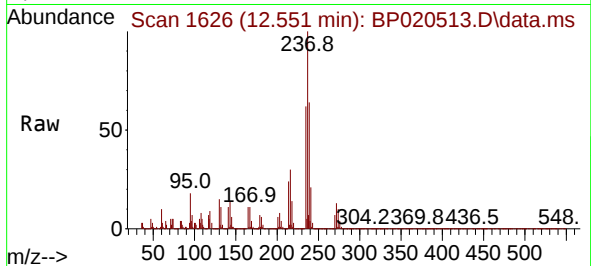




#41
Hexachlorocyclopentadiene
Concen: 162.483 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

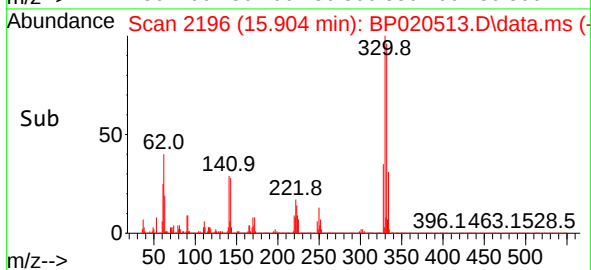
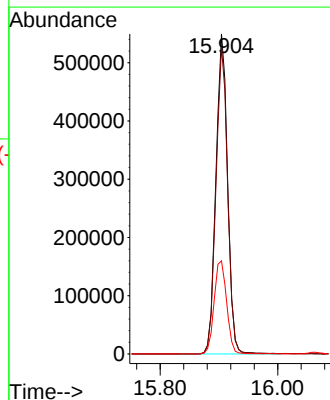
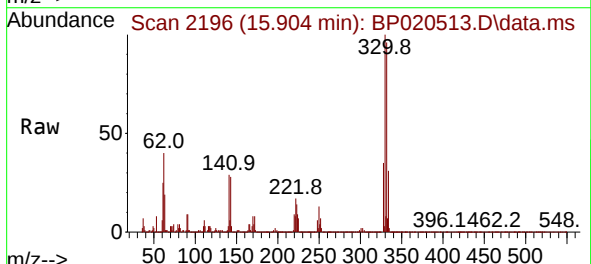
Instrument :
BNA_P
ClientSampleId :
PB161311BS

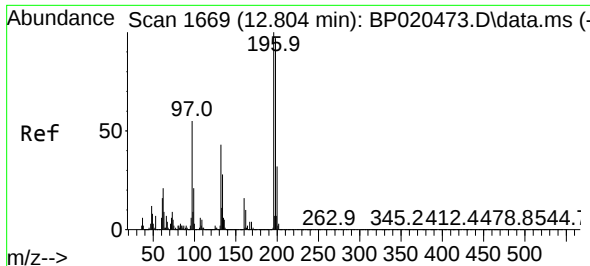
Tgt Ion:237 Resp: 944363
Ion Ratio Lower Upper
237 100
235 62.3 43.1 83.1
272 12.6 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 127.660 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:330 Resp: 757261
Ion Ratio Lower Upper
330 100
332 95.8 76.6 114.8
141 31.2 27.1 40.7

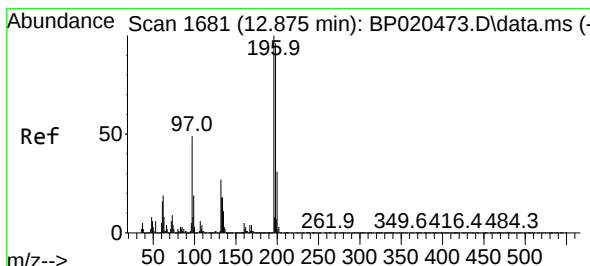
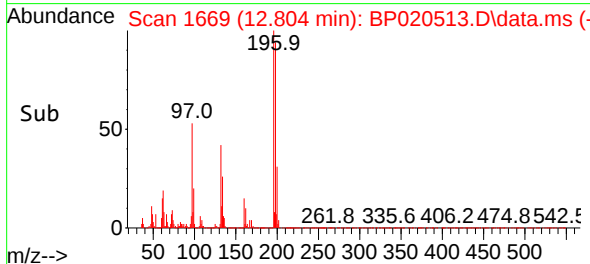
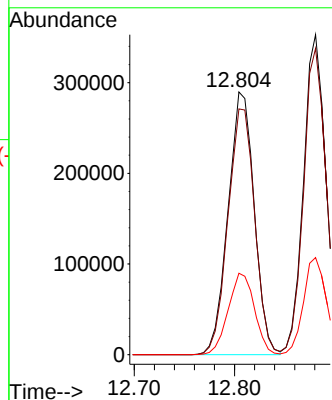
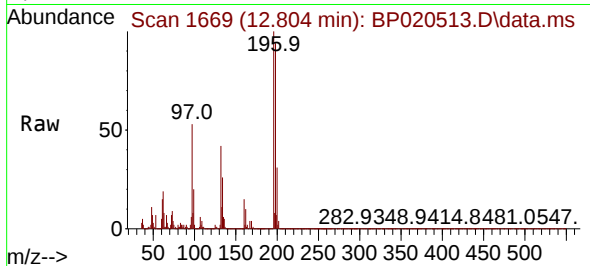




#43
2,4,6-Trichlorophenol
Concen: 52.696 ng
RT: 12.804 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

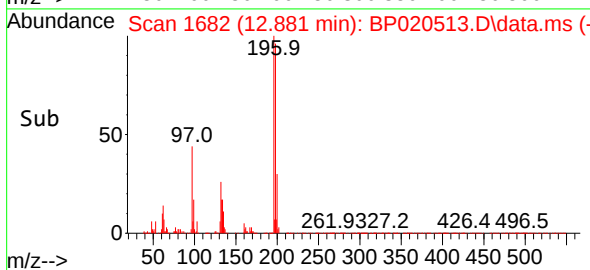
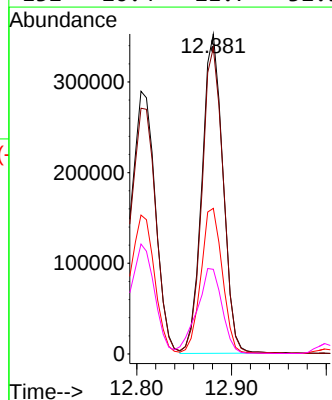
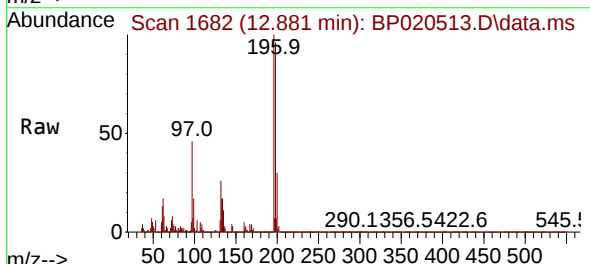
Instrument :
BNA_P
ClientSampleId :
PB161311BS

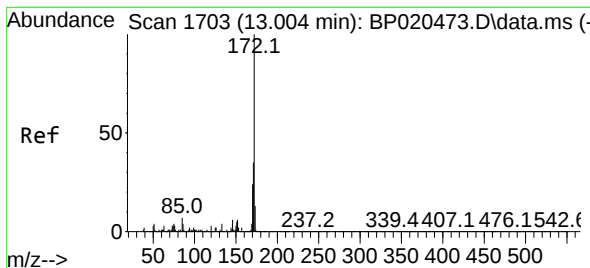
Tgt Ion:196 Resp: 526778
Ion Ratio Lower Upper
196 100
198 93.6 77.9 116.9
200 31.0 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 46.964 ng
RT: 12.881 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:196 Resp: 541622
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.4
97 45.5 38.9 58.3
132 26.4 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 91.451 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

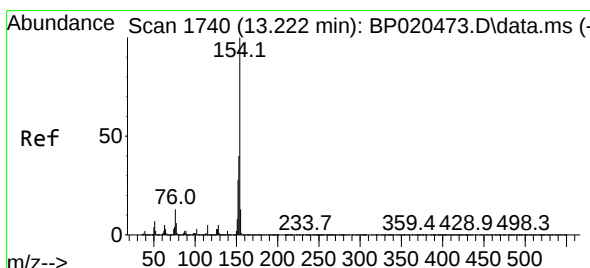
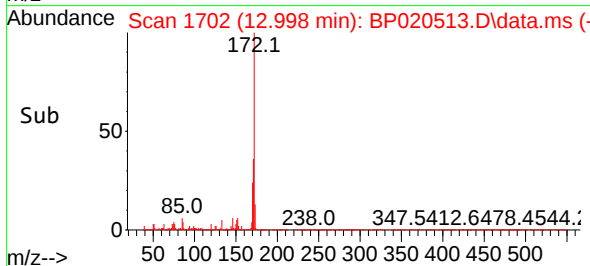
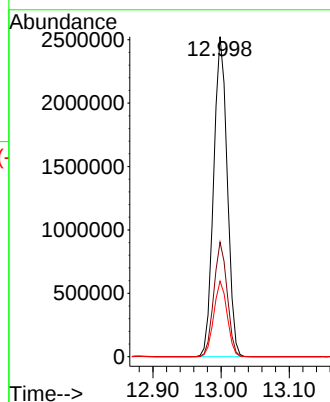
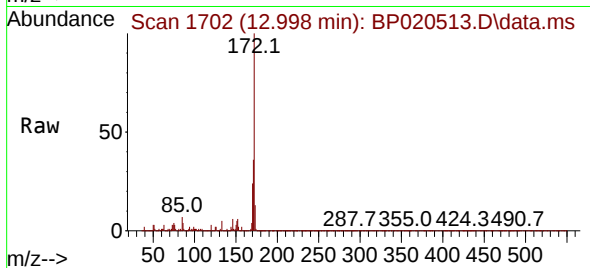
Tgt Ion:172 Resp: 3506430

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.871 ng

RT: 13.222 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

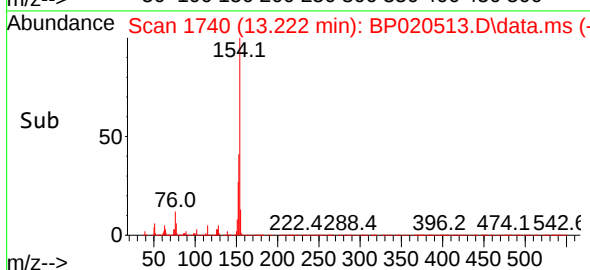
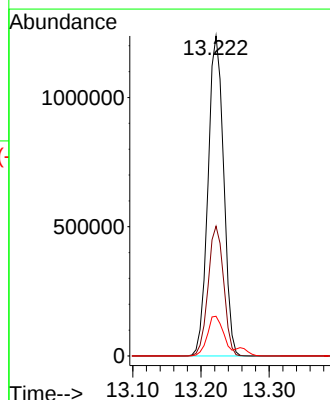
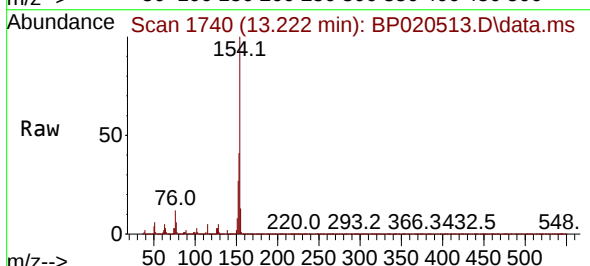
Tgt Ion:154 Resp: 1971350

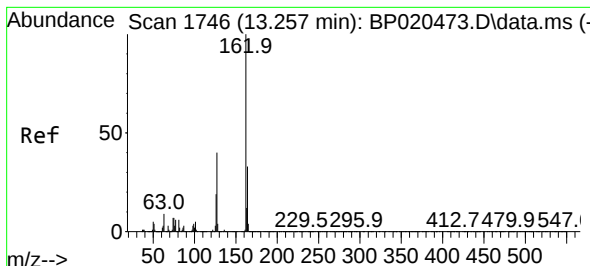
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 12.4 0.0 33.2

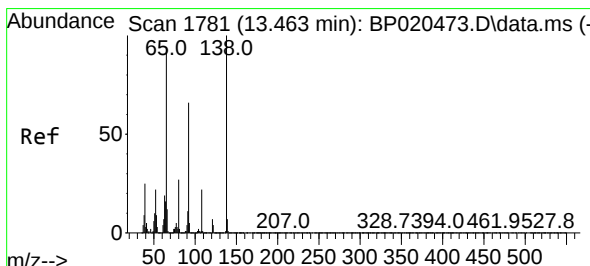
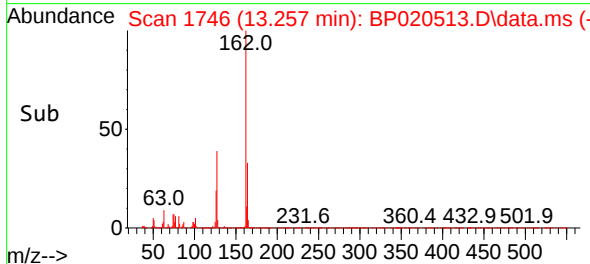
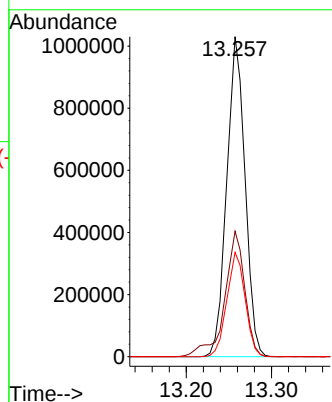
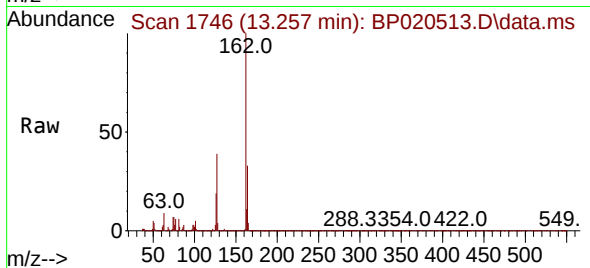




#47
2-Chloronaphthalene
Concen: 47.848 ng
RT: 13.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

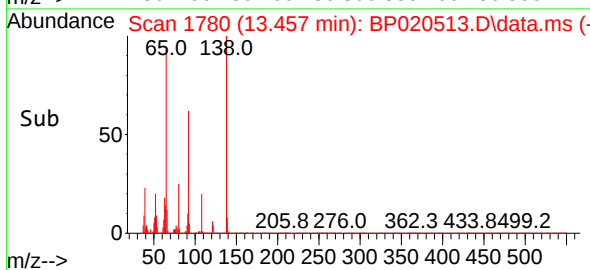
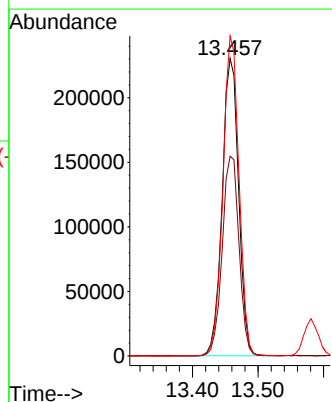
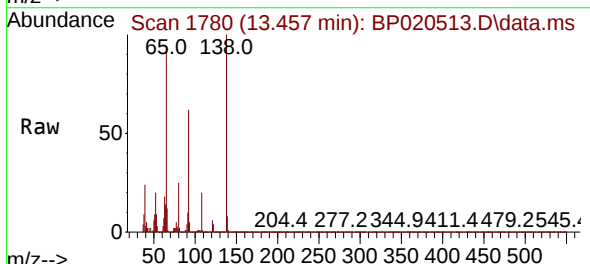
Instrument :
BNA_P
ClientSampleId :
PB161311BS

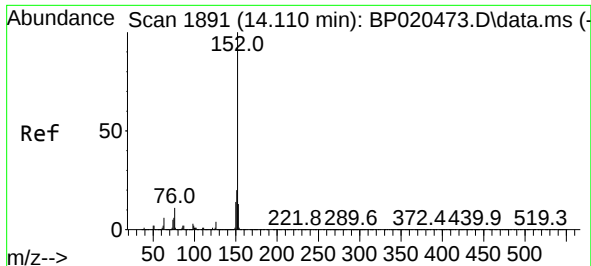
Tgt Ion:162 Resp: 1534356
Ion Ratio Lower Upper
162 100
127 39.2 32.2 48.2
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 45.985 ng
RT: 13.457 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion: 65 Resp: 399576
Ion Ratio Lower Upper
65 100
92 67.1 55.8 83.8
138 107.6 85.2 127.8

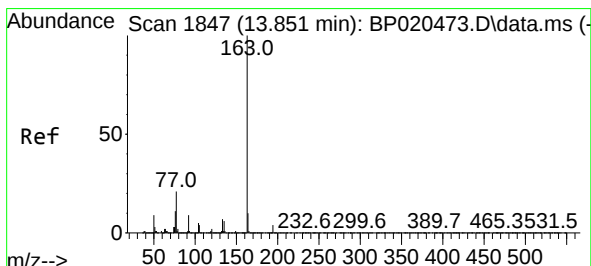
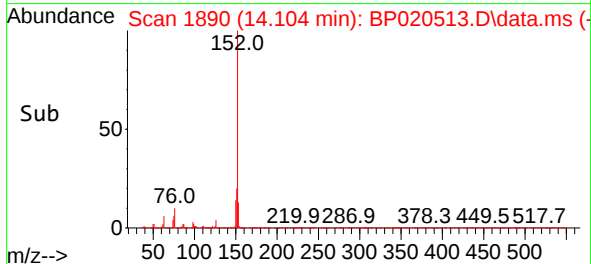
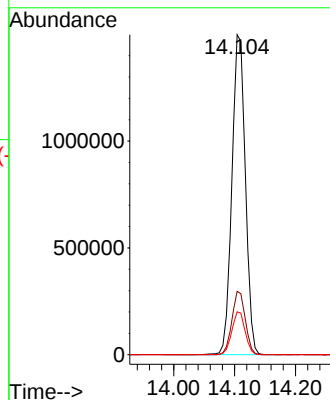
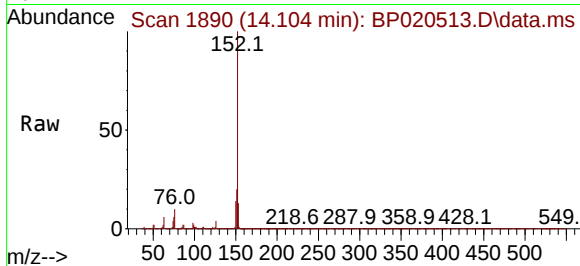




#49
Acenaphthylene
Concen: 48.375 ng
RT: 14.104 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

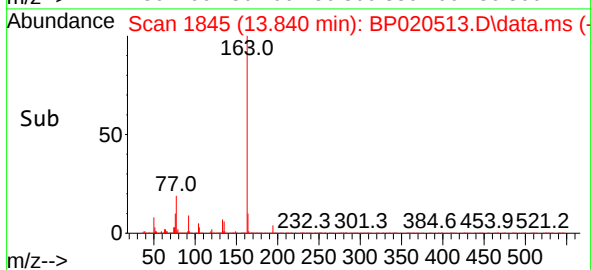
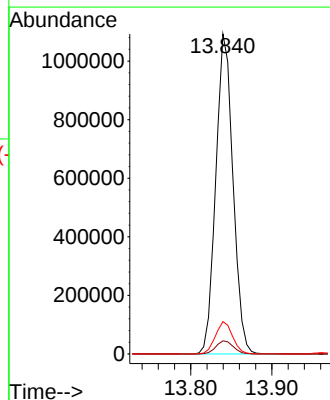
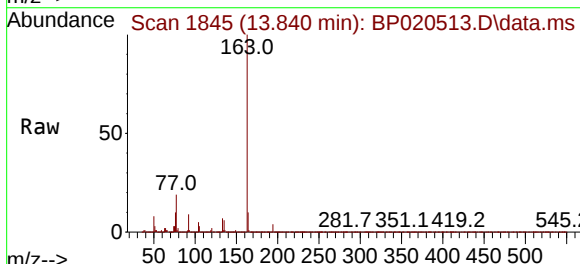
Instrument :
BNA_P
ClientSampleId :
PB161311BS

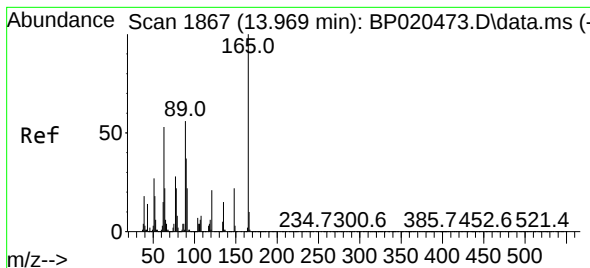
Tgt Ion:152 Resp: 2301835
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 39.910 ng
RT: 13.840 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:163 Resp: 1607965
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.3 12.5

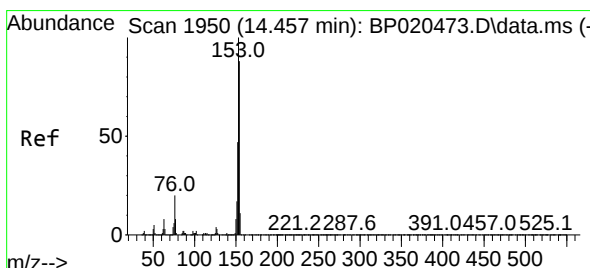
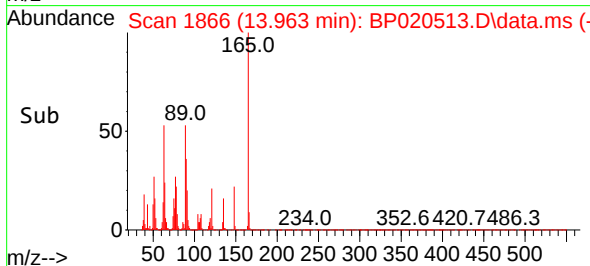
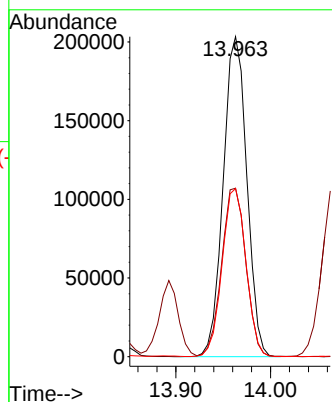
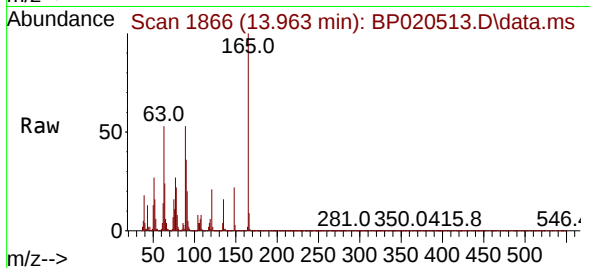




#51
2,6-Dinitrotoluene
Concen: 40.861 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

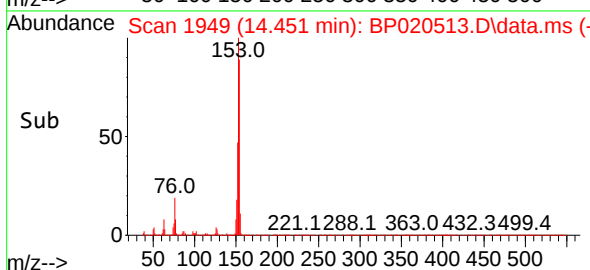
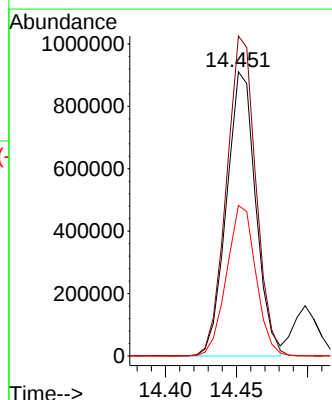
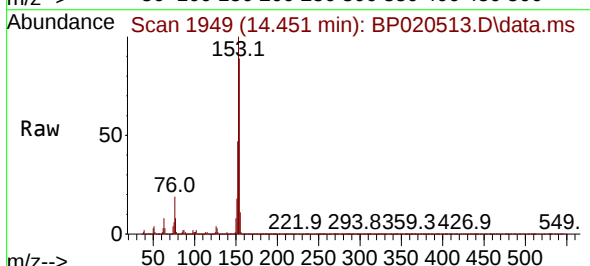
Instrument :
BNA_P
ClientSampleId :
PB161311BS

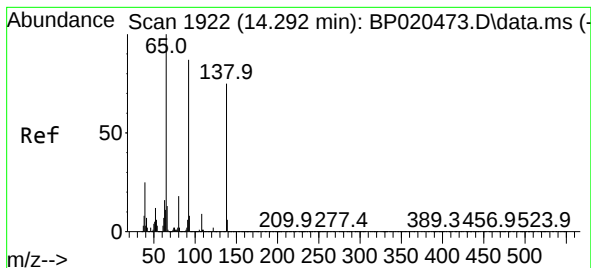
Tgt Ion:165 Resp: 351883
Ion Ratio Lower Upper
165 100
63 52.6 45.6 68.4
89 52.6 44.9 67.3



#52
Acenaphthene
Concen: 43.423 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:154 Resp: 1303340
Ion Ratio Lower Upper
154 100
153 112.6 90.6 136.0
152 53.0 42.6 63.8

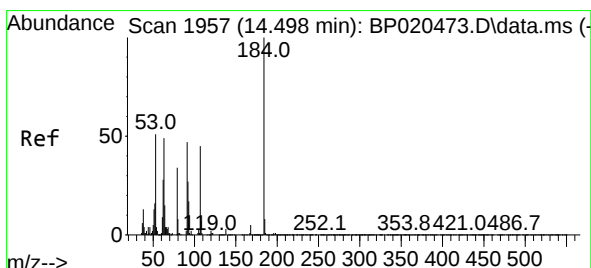
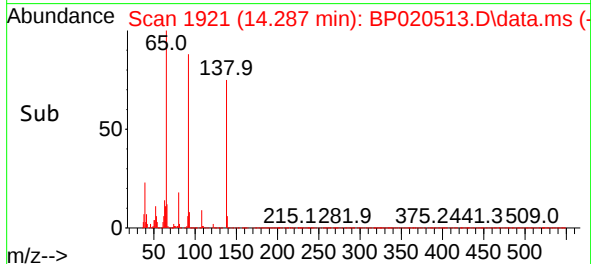
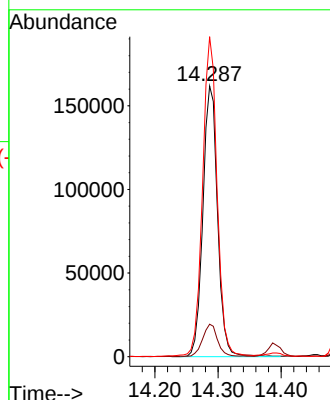
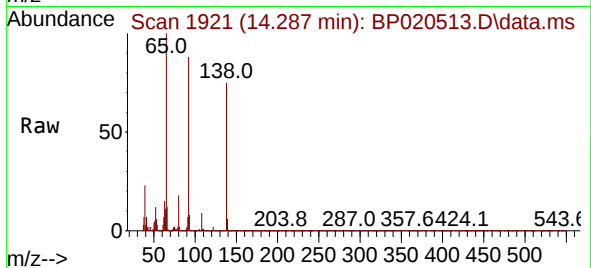




#53
3-Nitroaniline
Concen: 30.230 ng
RT: 14.287 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

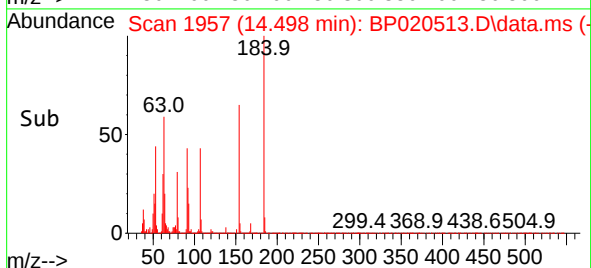
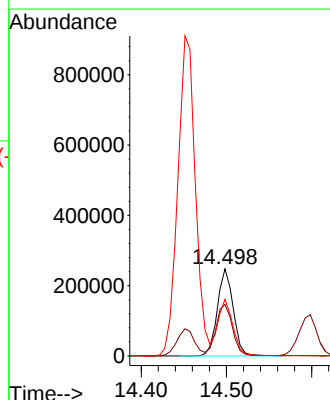
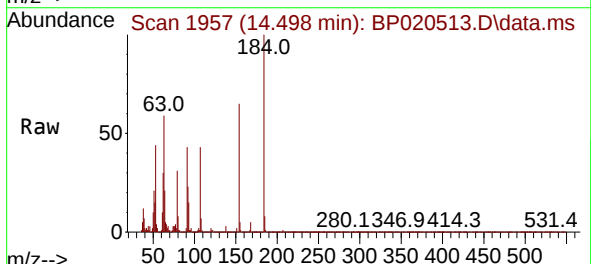
Instrument :
BNA_P
ClientSampleId :
PB161311BS

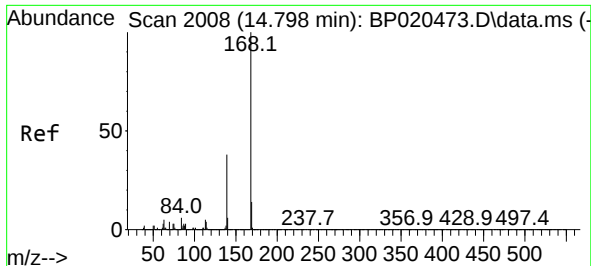
Tgt Ion:138 Resp: 261136
Ion Ratio Lower Upper
138 100
108 12.0 9.8 14.6
92 118.2 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 82.026 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:184 Resp: 320595
Ion Ratio Lower Upper
184 100
63 59.2 54.2 81.4
154 65.0 51.0 76.6

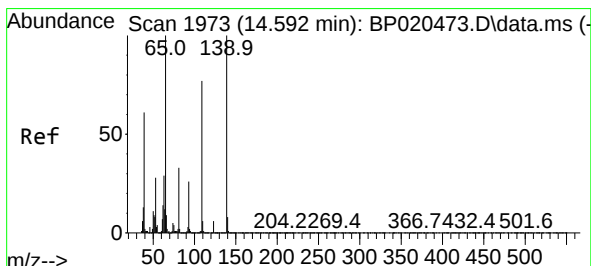
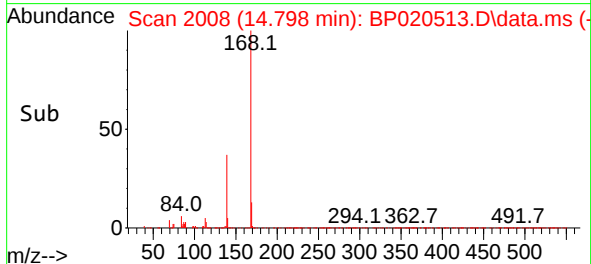
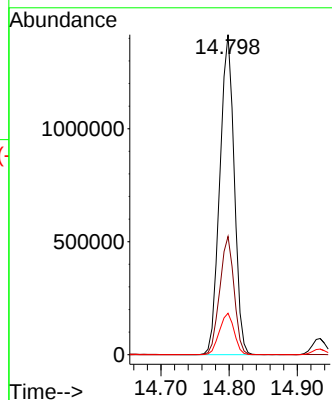
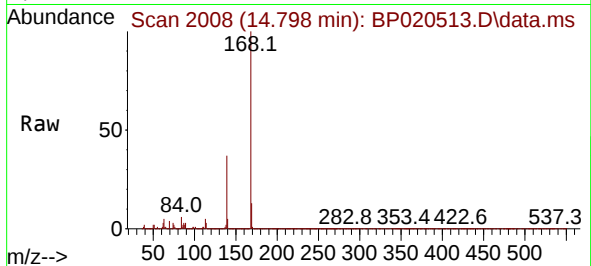




#55
Dibenzenofuran
Concen: 43.852 ng
RT: 14.798 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

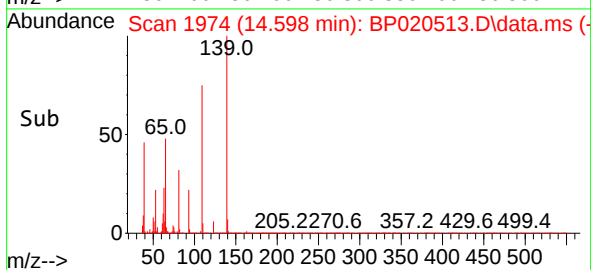
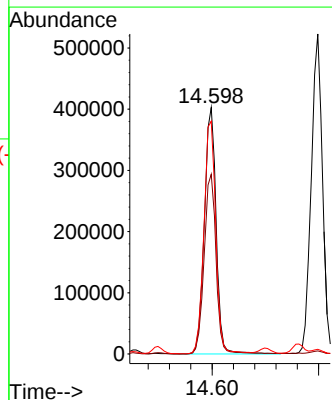
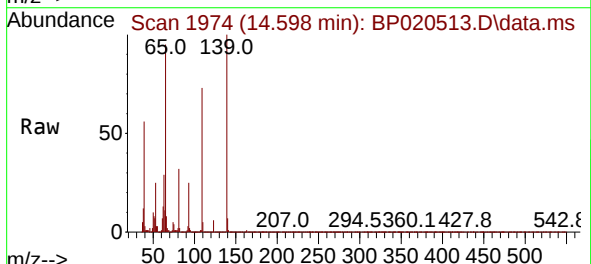
Instrument :
BNA_P
ClientSampleId :
PB161311BS

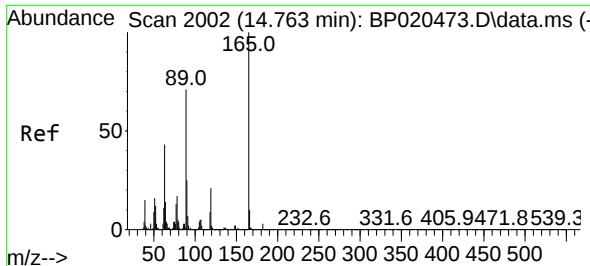
Tgt Ion:168 Resp: 2085032
Ion Ratio Lower Upper
168 100
139 36.9 30.4 45.6
169 12.9 11.0 16.4



#56
4-Nitrophenol
Concen: 92.008 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:139 Resp: 614803
Ion Ratio Lower Upper
139 100
109 72.9 57.4 97.4
65 94.5 80.4 120.4

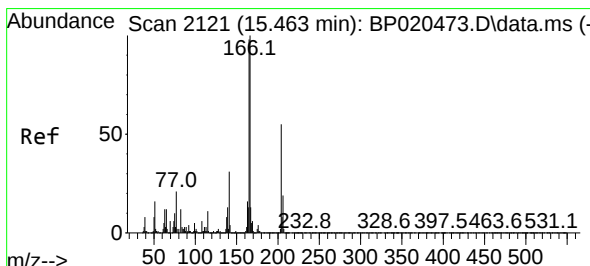
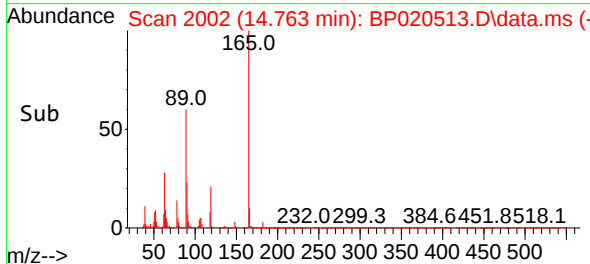
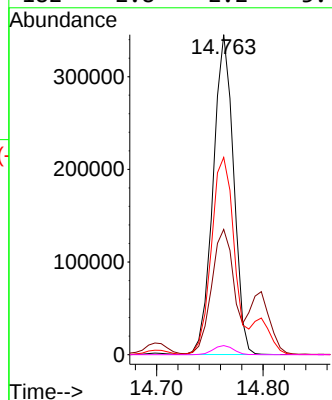
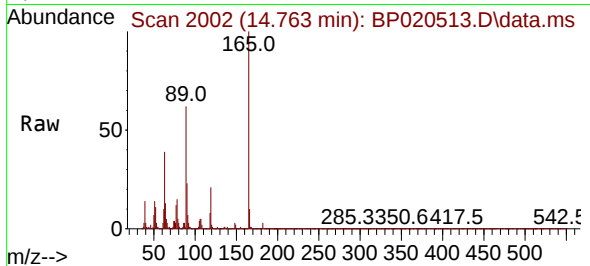




#57
2,4-Dinitrotoluene
Concen: 40.728 ng
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

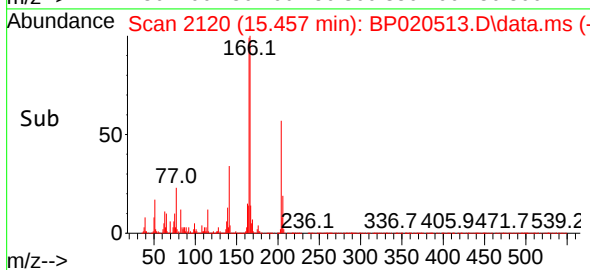
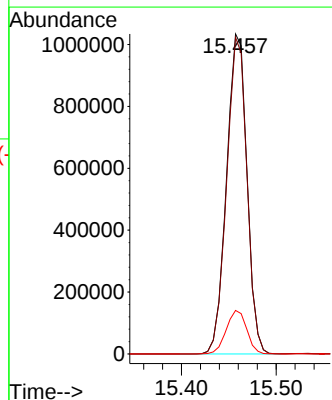
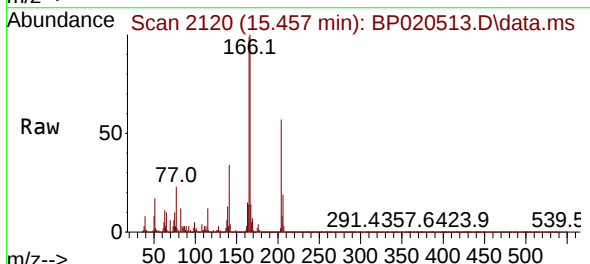
Instrument :
BNA_P
ClientSampleId :
PB161311BS

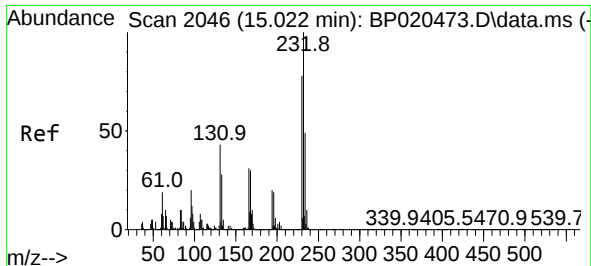
Tgt Ion:165 Resp: 460937
Ion Ratio Lower Upper
165 100
63 39.2 34.9 52.3
89 61.7 56.6 85.0
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.629 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:166 Resp: 1550814
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.4
167 13.6 10.7 16.1

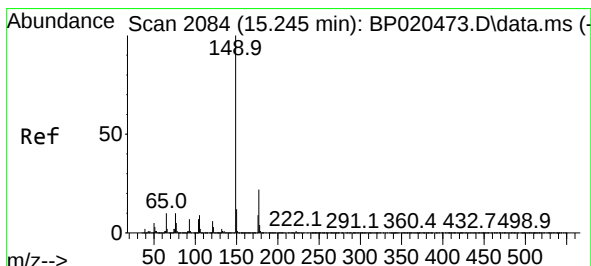
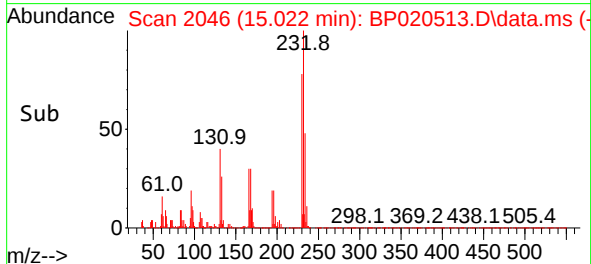
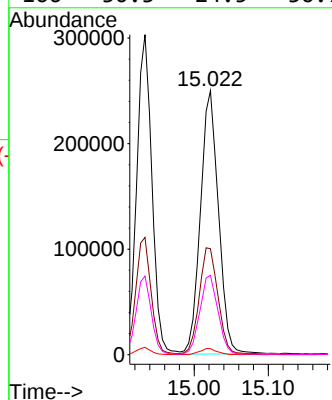
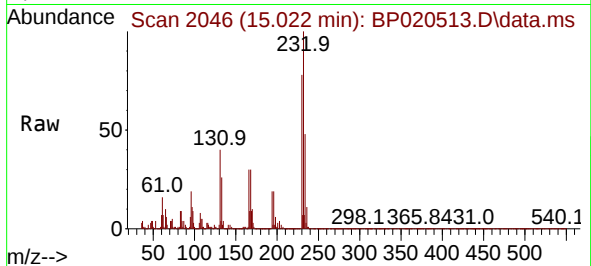




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.706 ng
RT: 15.022 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

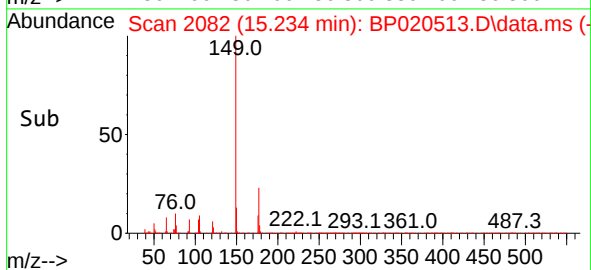
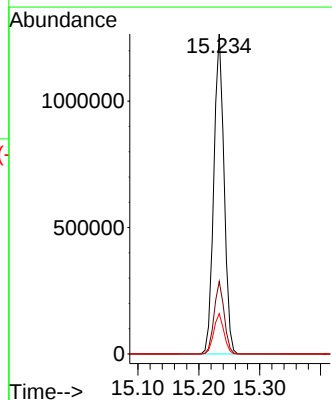
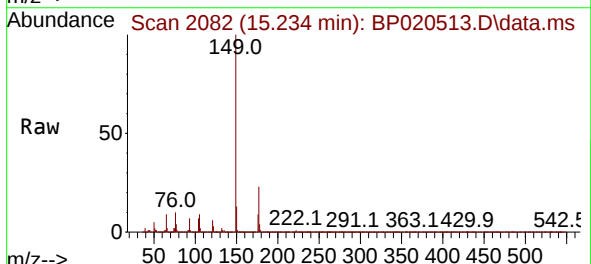
Instrument :
BNA_P
ClientSampleId :
PB161311BS

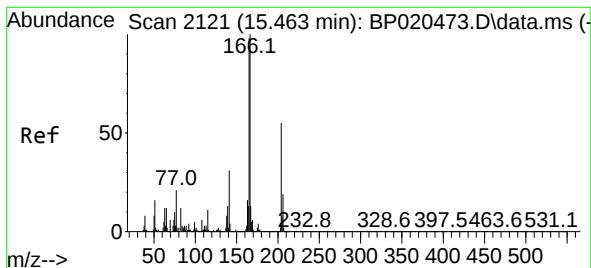
Tgt Ion:232	Resp:	421929
Ion Ratio	Lower	Upper
232	100	
131	42.2	34.8 52.2
130	2.2	1.9 2.9
166	30.3	24.5 36.7



#60
Diethylphthalate
Concen: 36.090 ng
RT: 15.234 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:149	Resp:	1478124
Ion Ratio	Lower	Upper
149	100	
177	22.7	17.8 26.8
150	12.6	9.8 14.8

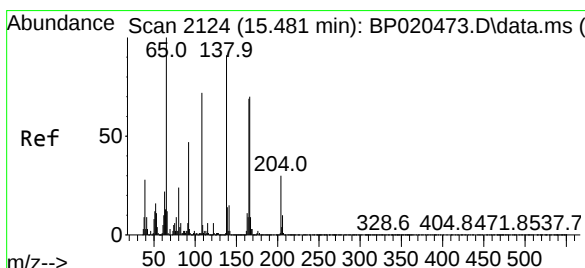
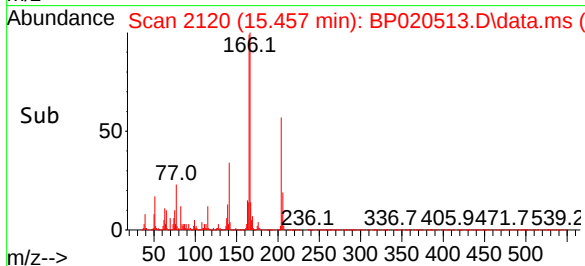
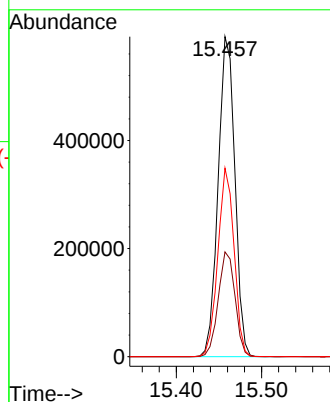
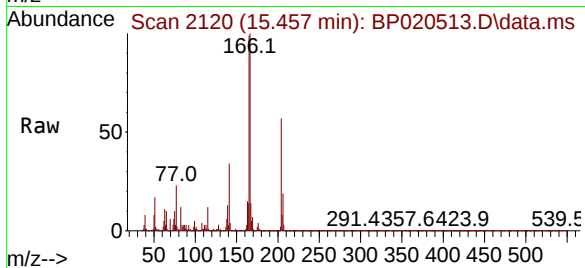




#61
4-Chlorophenyl-phenylether
Concen: 41.019 ng
RT: 15.457 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

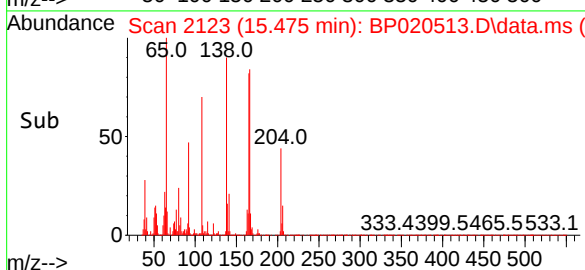
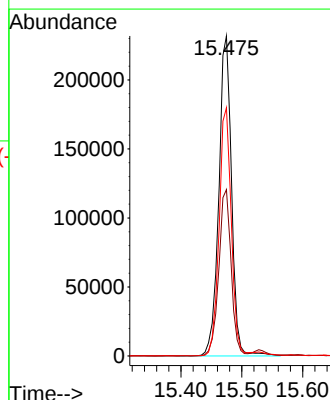
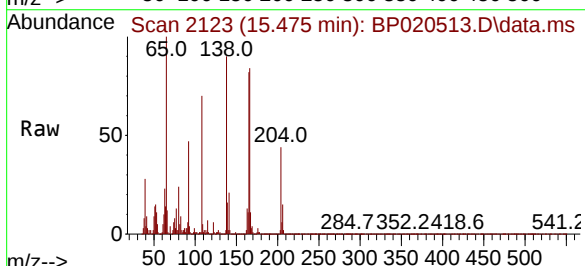
Instrument :
BNA_P
ClientSampleId :
PB161311BS

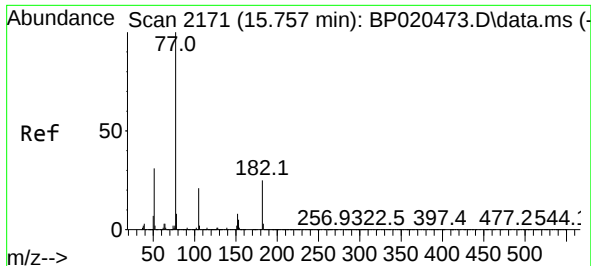
Tgt Ion:204 Resp: 807954
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 58.9 45.0 67.6



#62
4-Nitroaniline
Concen: 37.748 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:138 Resp: 335890
Ion Ratio Lower Upper
138 100
92 52.0 31.7 71.7
108 77.5 59.9 99.9

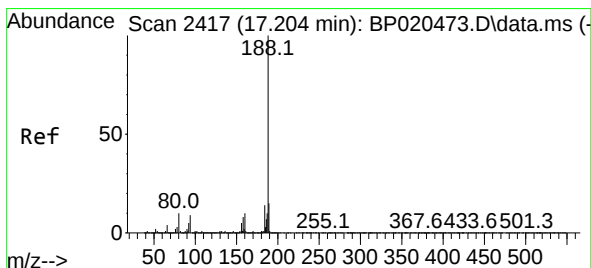
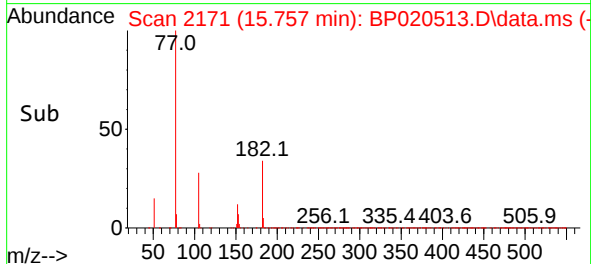
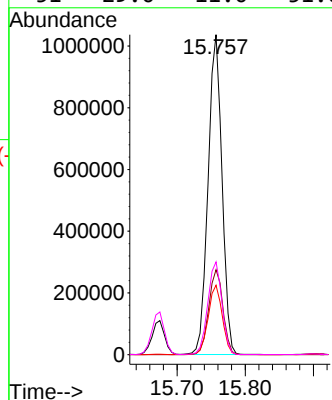
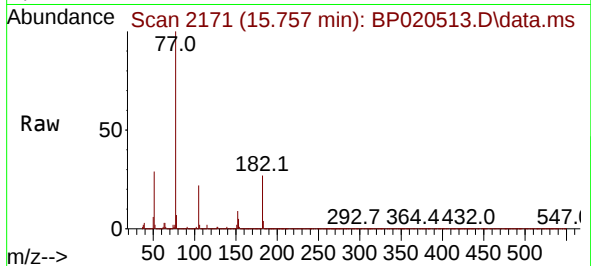




#63
Azobenzene
Concen: 38.523 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

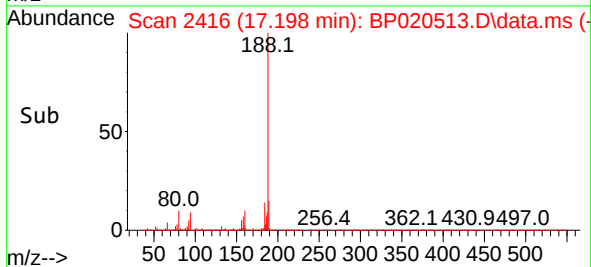
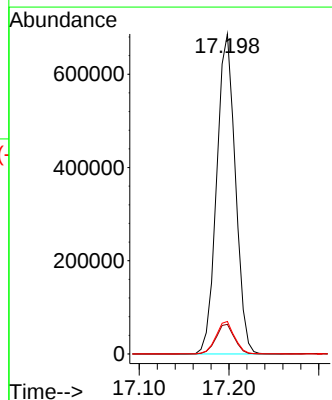
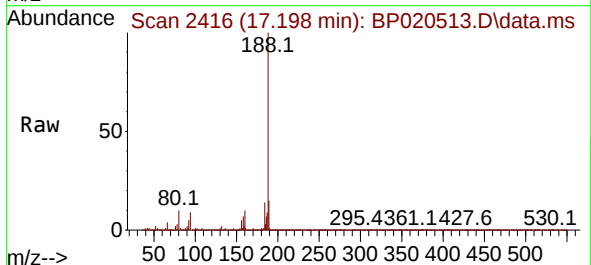
Instrument :
BNA_P
ClientSampleId :
PB161311BS

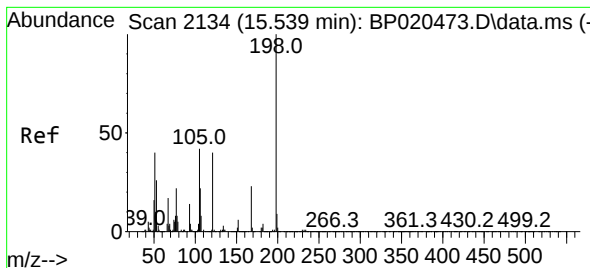
Tgt Ion: 77 Resp: 1473212
Ion Ratio Lower Upper
77 100
182 26.5 4.6 44.6
105 21.7 1.2 41.2
51 29.0 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:188 Resp: 990697
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 8.1 12.1

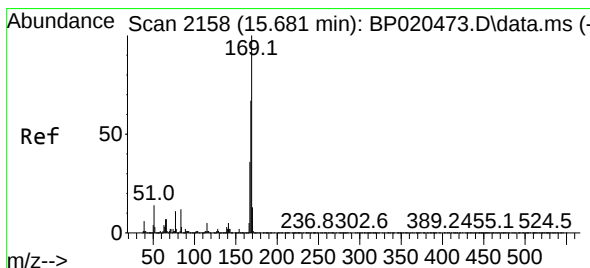
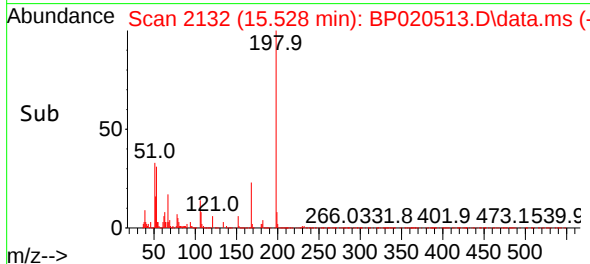
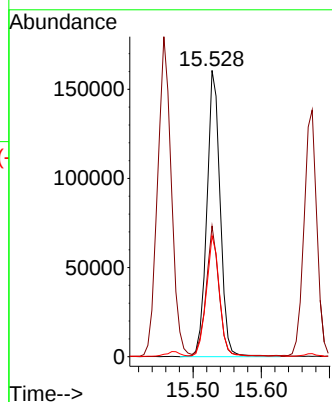
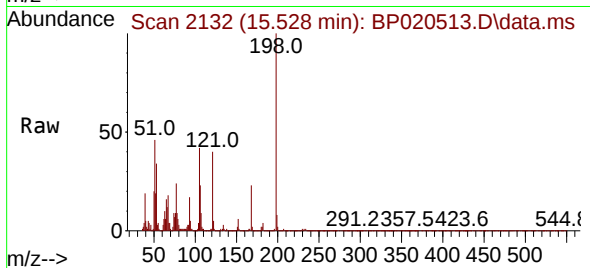




#65
4,6-Dinitro-2-methylphenol
Concen: 49.225 ng
RT: 15.528 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

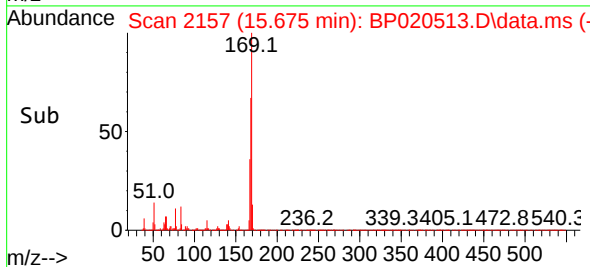
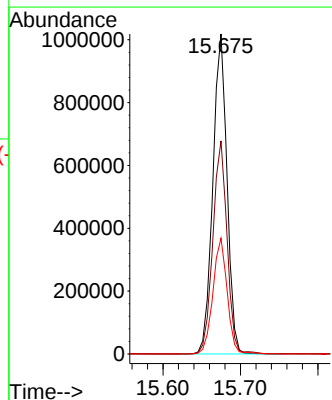
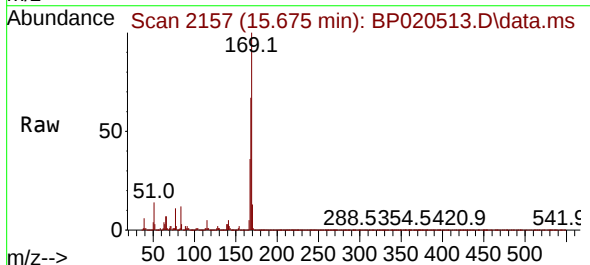
Instrument :
BNA_P
ClientSampleId :
PB161311BS

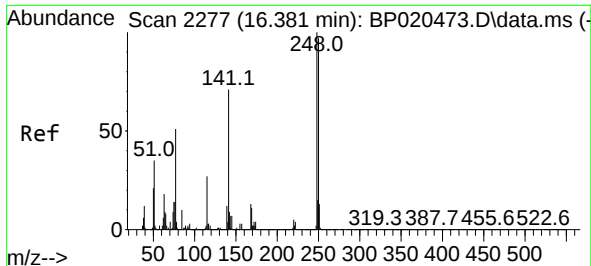
Tgt Ion:198 Resp: 217229
Ion Ratio Lower Upper
198 100
51 45.6 24.8 64.8
105 42.3 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 47.353 ng
RT: 15.675 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:169 Resp: 1289775
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.2 28.7 43.1

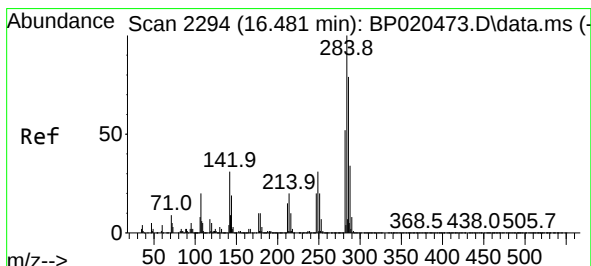
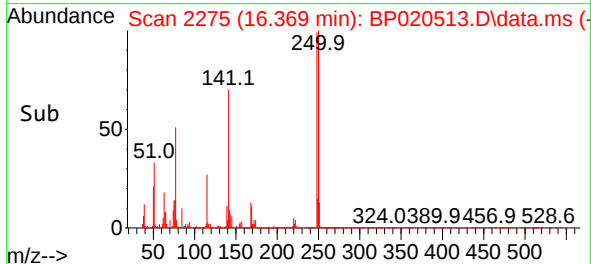
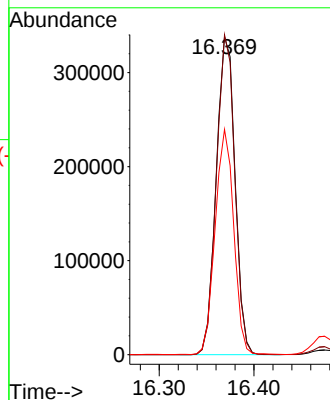
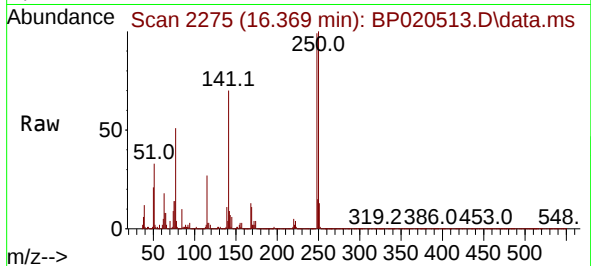




#67
4-Bromophenyl-phenylether
Concen: 46.094 ng
RT: 16.369 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

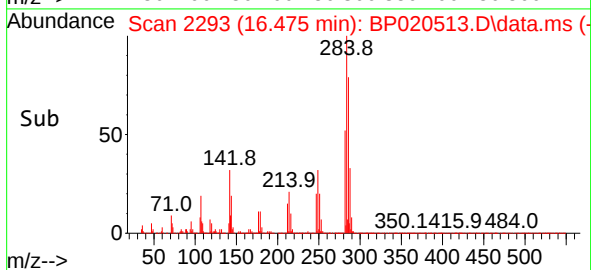
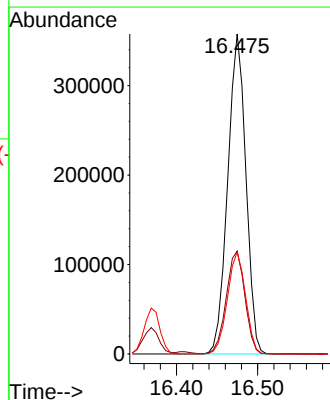
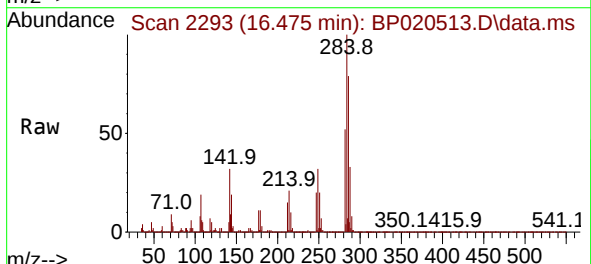
Instrument :
BNA_P
ClientSampleId :
PB161311BS

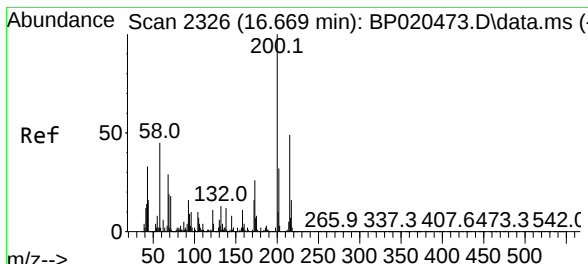
Tgt Ion:248 Resp: 467185
Ion Ratio Lower Upper
248 100
250 100.6 77.4 116.0
141 70.8 56.5 84.7



#68
Hexachlorobenzene
Concen: 46.581 ng
RT: 16.475 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:284 Resp: 555644
Ion Ratio Lower Upper
284 100
142 32.2 24.5 36.7
249 31.9 25.3 37.9

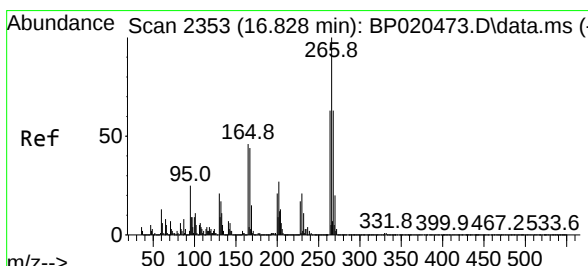
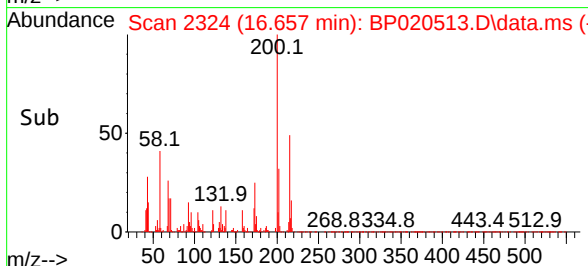
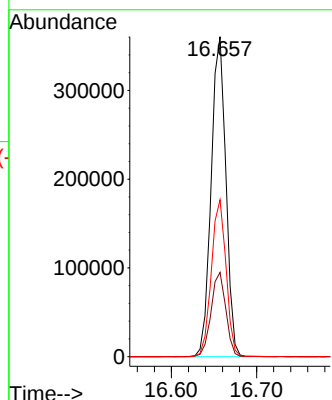
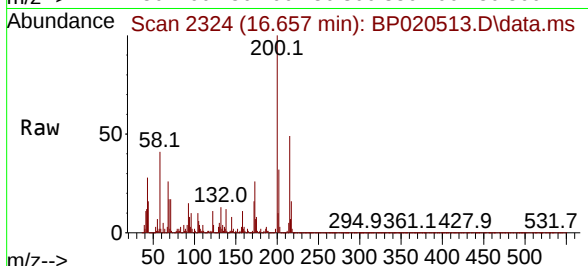




#69
 Atrazine
 Concen: 45.166 ng
 RT: 16.657 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP020513.D
 Acq: 05 Jun 2024 11:26

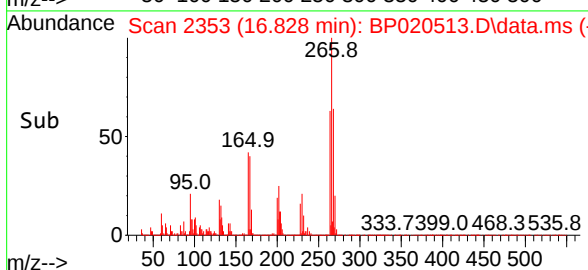
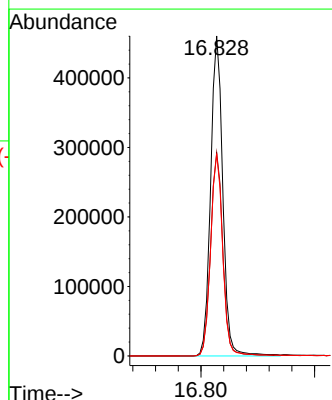
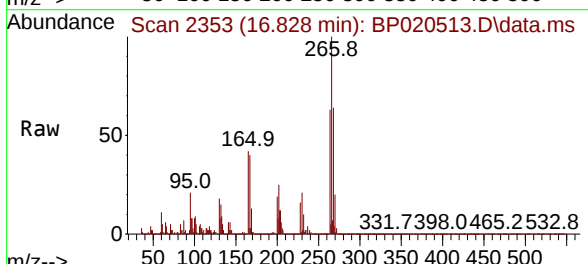
Instrument :
 BNA_P
 ClientSampleId :
 PB161311BS

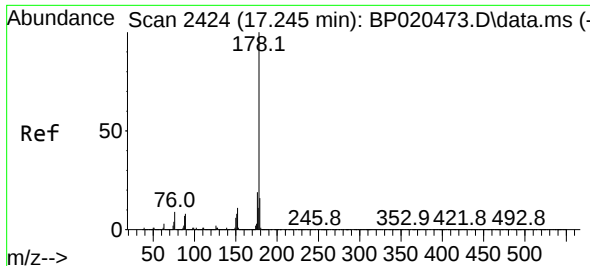
Tgt Ion:200 Resp: 432799
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.1 46.1
 215 49.0 28.7 68.7



#70
 Pentachlorophenol
 Concen: 93.953 ng
 RT: 16.828 min Scan# 2353
 Delta R.T. -0.000 min
 Lab File: BP020513.D
 Acq: 05 Jun 2024 11:26

Tgt Ion:266 Resp: 680663
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.1 75.1
 264 63.2 50.6 76.0

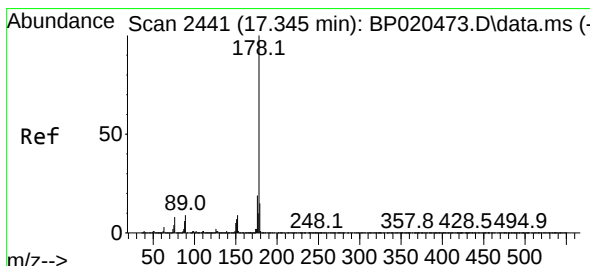
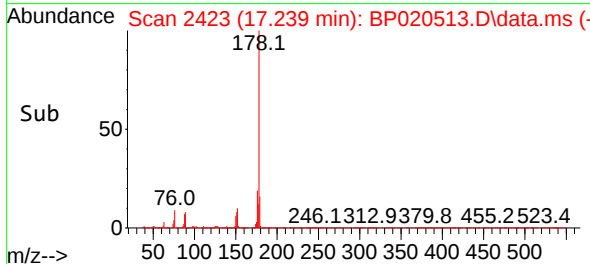
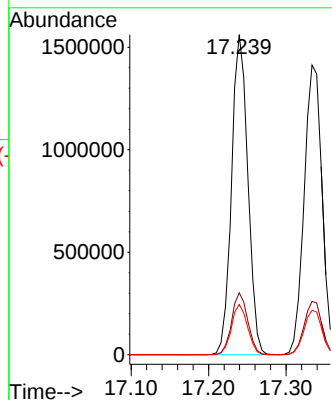
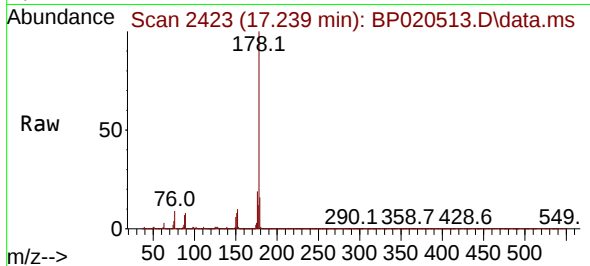




#71
Phenanthrene
Concen: 46.926 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

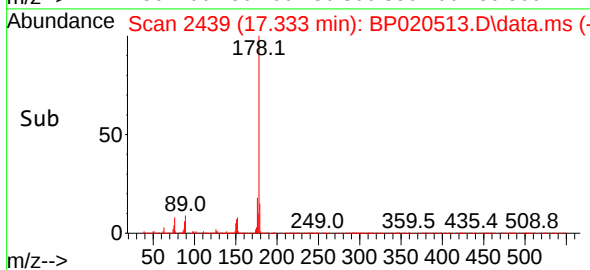
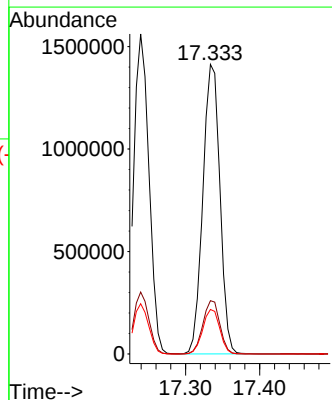
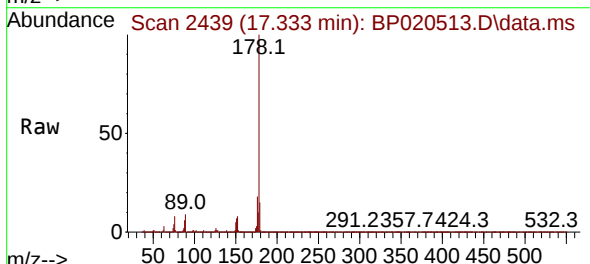
Instrument :
BNA_P
ClientSampleId :
PB161311BS

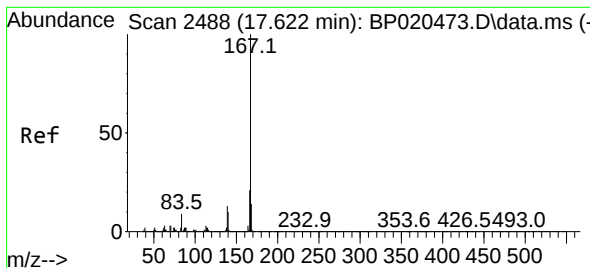
Tgt Ion:178 Resp: 2285309
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.5 18.7



#72
Anthracene
Concen: 47.301 ng
RT: 17.333 min Scan# 2439
Delta R.T. -0.012 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:178 Resp: 2260401
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.2 18.4





#73

Carbazole

Concen: 46.905 ng

RT: 17.610 min Scan# 2486

Delta R.T. -0.012 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

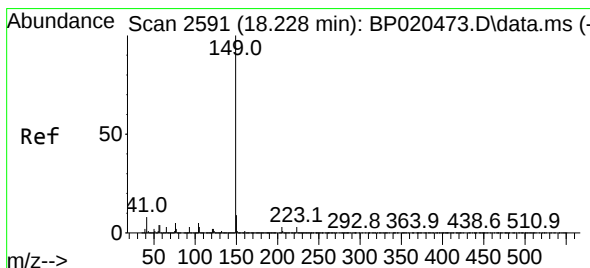
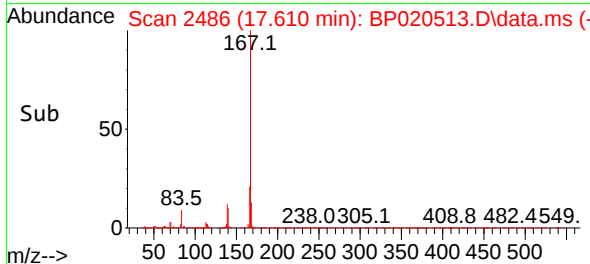
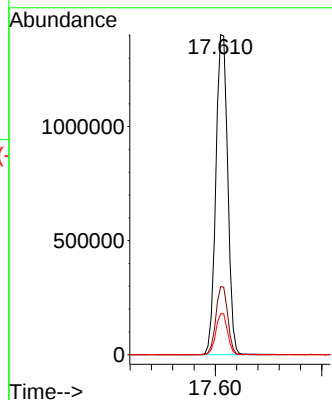
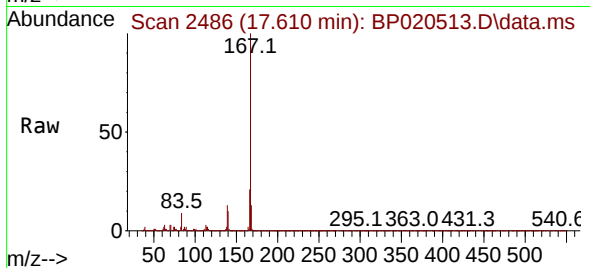
Tgt Ion:167 Resp: 2168138

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.406 ng

RT: 18.216 min Scan# 2589

Delta R.T. -0.012 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

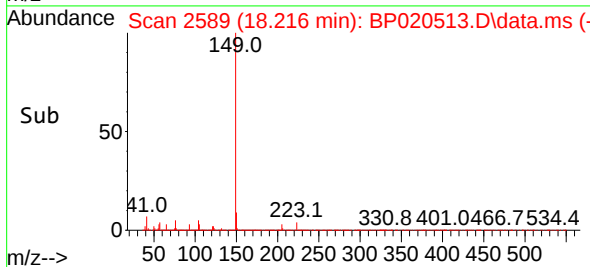
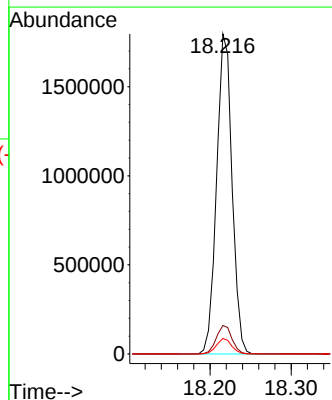
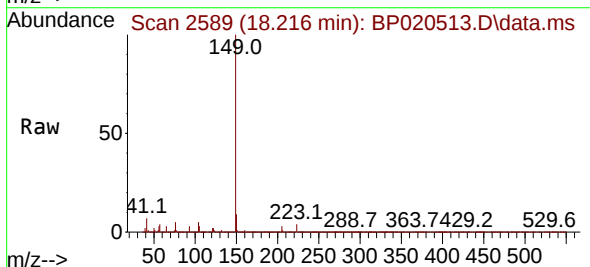
Tgt Ion:149 Resp: 2373784

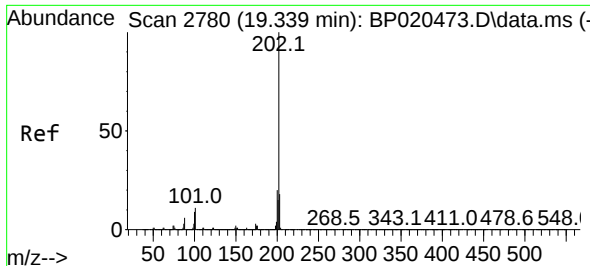
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.9 4.2 6.2

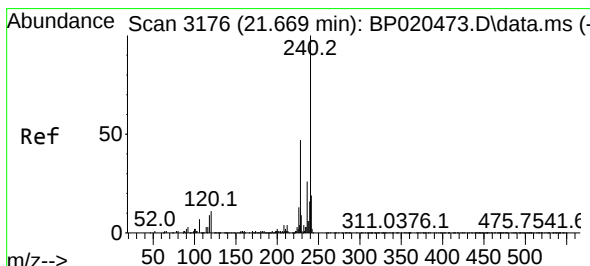
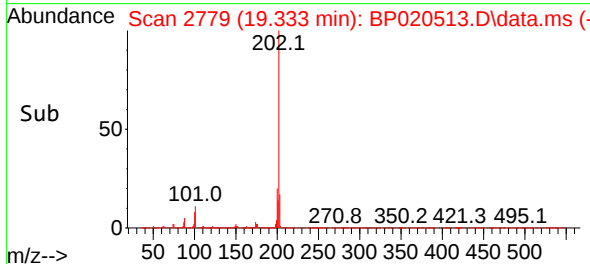
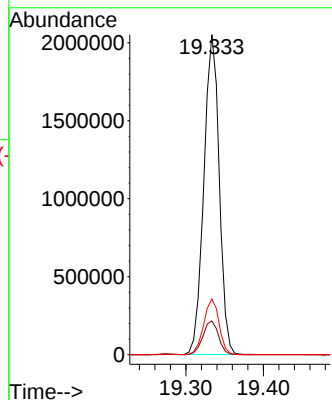
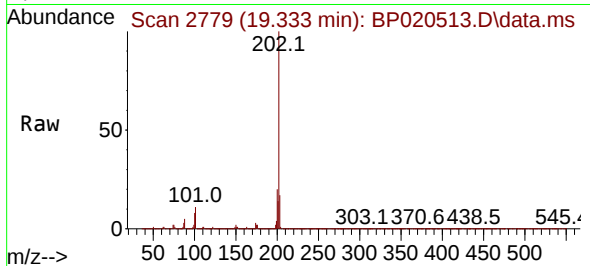




#75
Fluoranthene
Concen: 49.005 ng
RT: 19.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

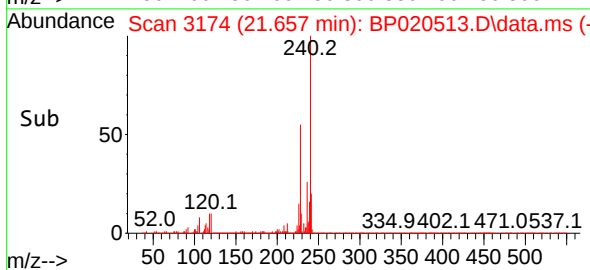
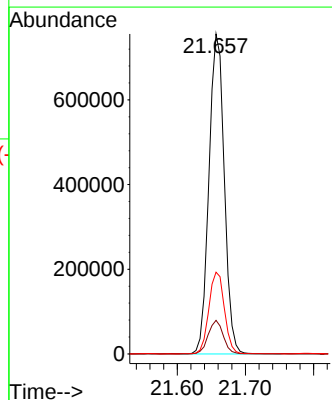
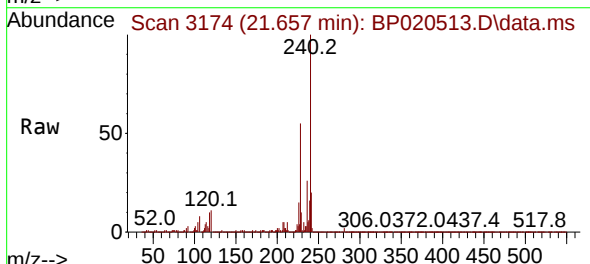
Instrument :
BNA_P
ClientSampleId :
PB161311BS

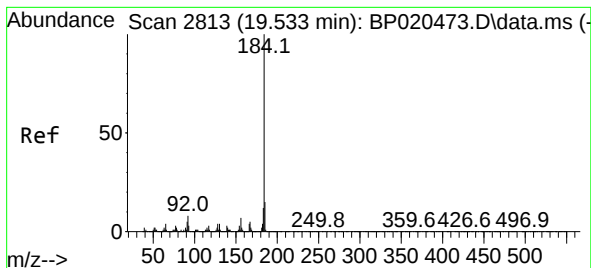
Tgt Ion:202 Resp: 2823349
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:240 Resp: 1184114
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 25.6 20.5 30.7





#77

Benzidine

Concen: 15.170 ng

RT: 19.533 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

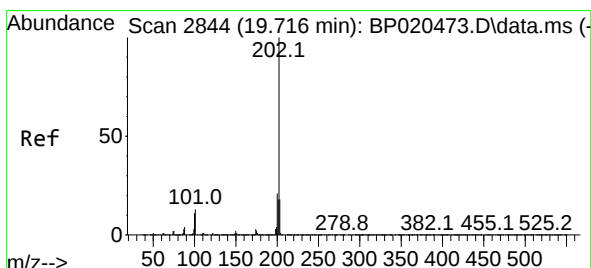
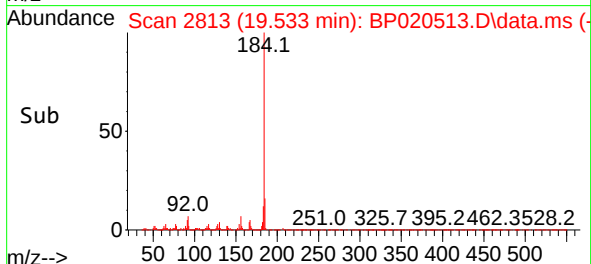
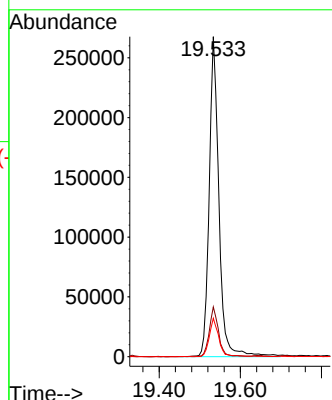
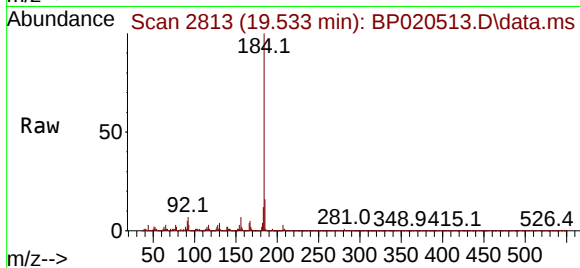
Tgt Ion:184 Resp: 442292

Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

183 12.0 9.4 14.0



#78

Pyrene

Concen: 33.407 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

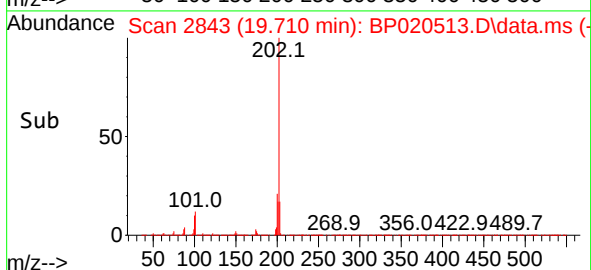
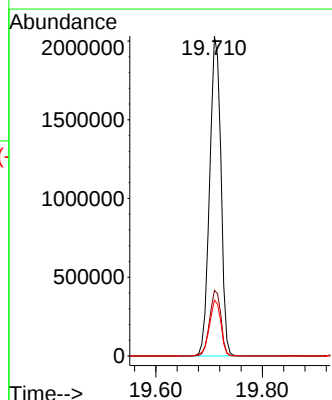
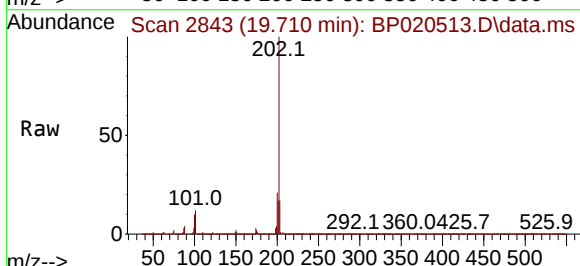
Tgt Ion:202 Resp: 2975504

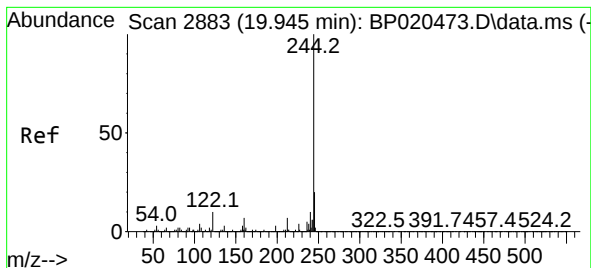
Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 63.786 ng

RT: 19.939 min Scan# 2882

Delta R.T. -0.006 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

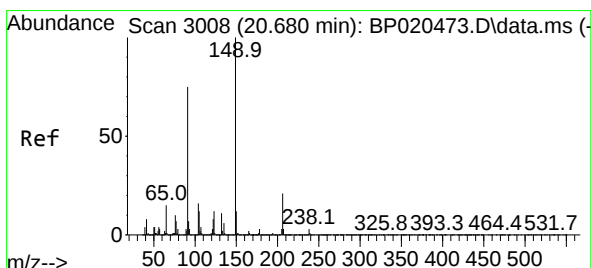
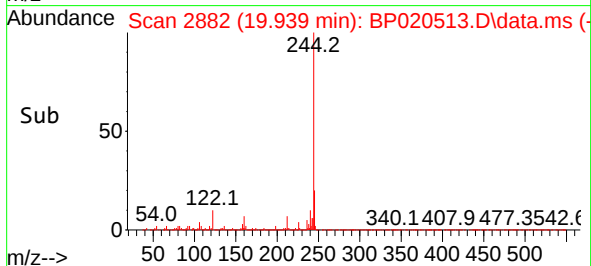
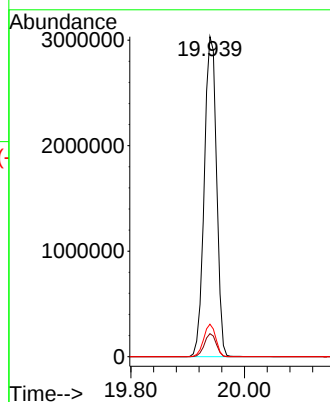
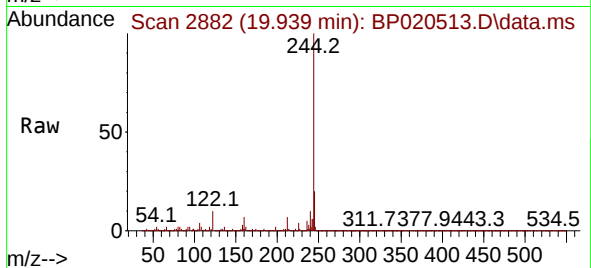
Tgt Ion:244 Resp: 4537064

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 37.186 ng

RT: 20.674 min Scan# 3007

Delta R.T. -0.006 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

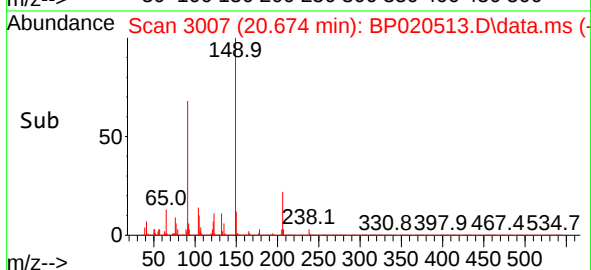
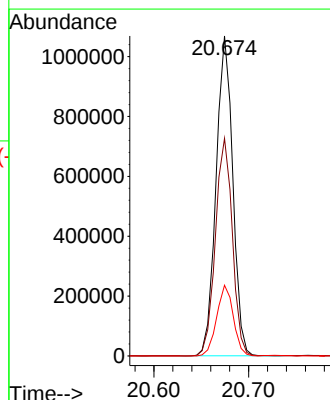
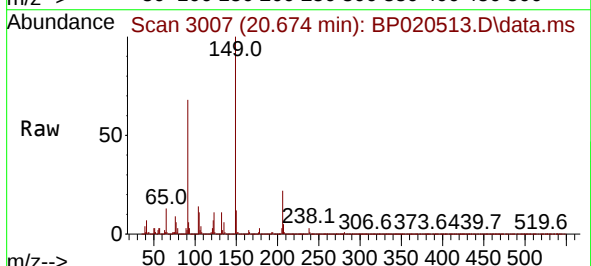
Tgt Ion:149 Resp: 1313139

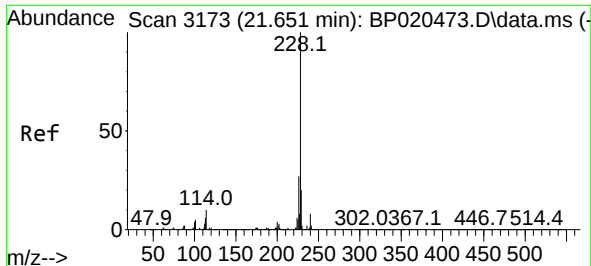
Ion Ratio Lower Upper

149 100

91 68.0 60.0 90.0

206 22.1 16.6 25.0

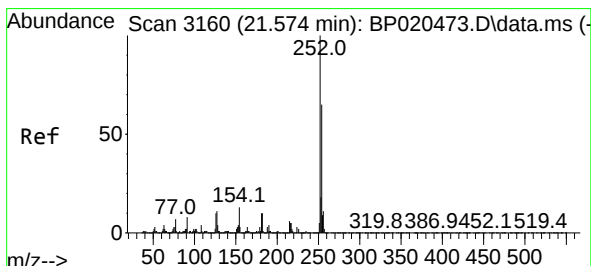
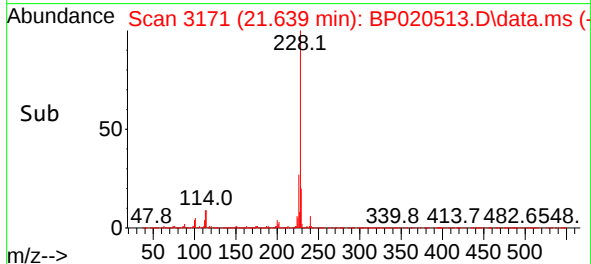
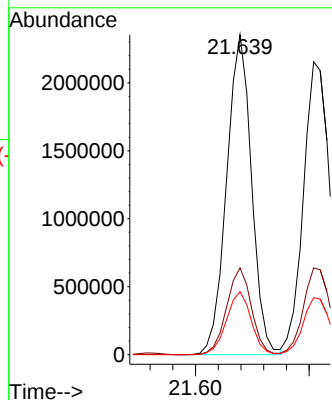
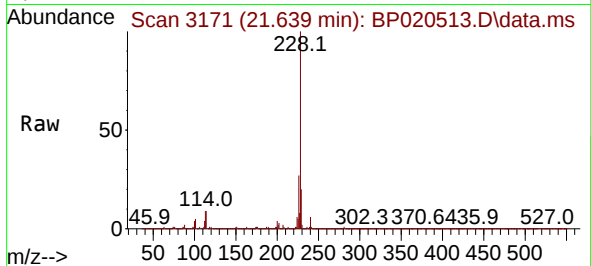




#81
Benzo(a)anthracene
Concen: 45.999 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

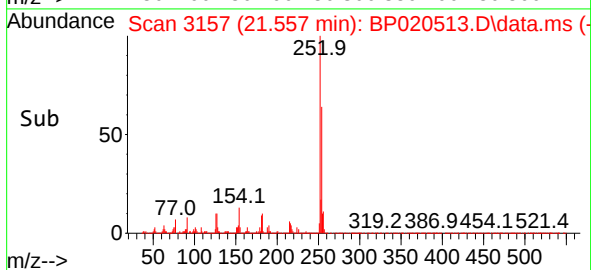
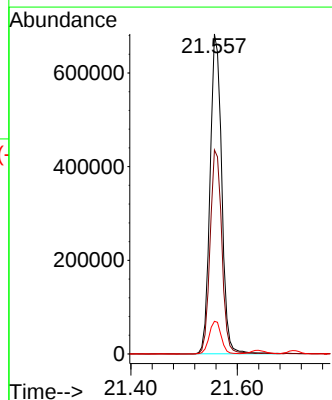
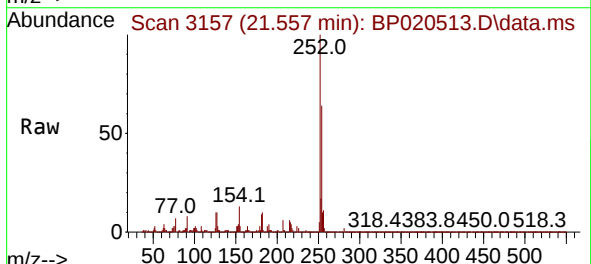
Instrument :
BNA_P
ClientSampleId :
PB161311BS

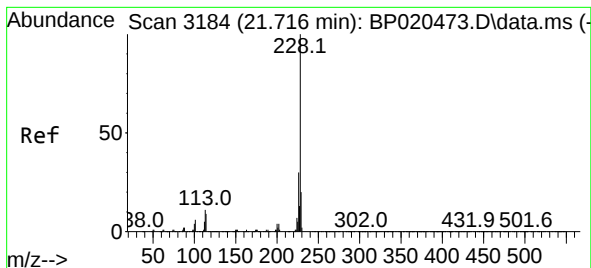
Tgt Ion:228 Resp: 3586408
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 44.629 ng
RT: 21.557 min Scan# 3157
Delta R.T. -0.017 min
Lab File: BP020513.D
Acq: 05 Jun 2024 11:26

Tgt Ion:252 Resp: 1034355
Ion Ratio Lower Upper
252 100
254 63.7 51.7 77.5
126 10.2 8.3 12.5





#83

Chrysene

Concen: 46.715 ng

RT: 21.704 min Scan# 3184

Delta R.T. -0.012 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

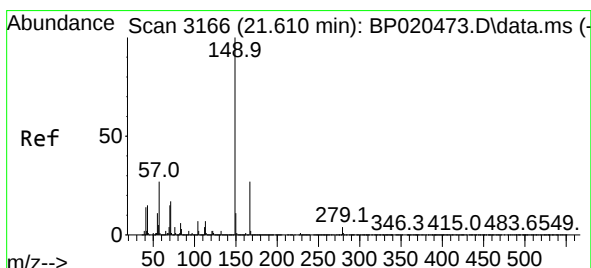
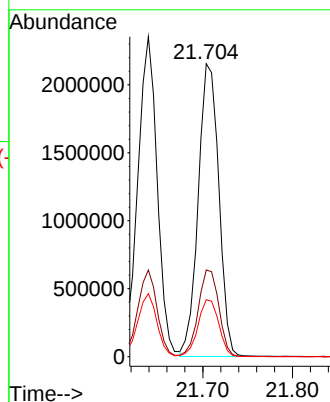
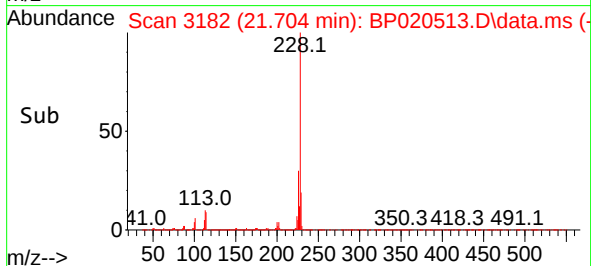
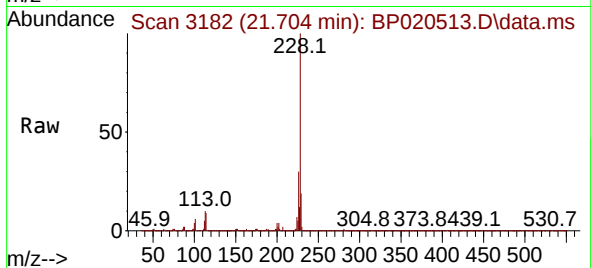
Tgt Ion:228 Resp: 3432001

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.113 ng

RT: 21.598 min Scan# 3164

Delta R.T. -0.012 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

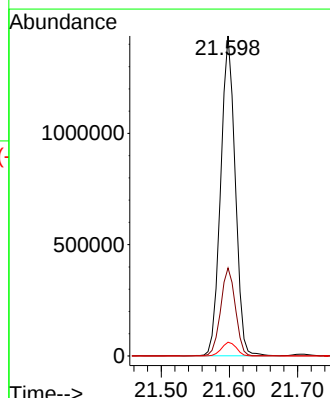
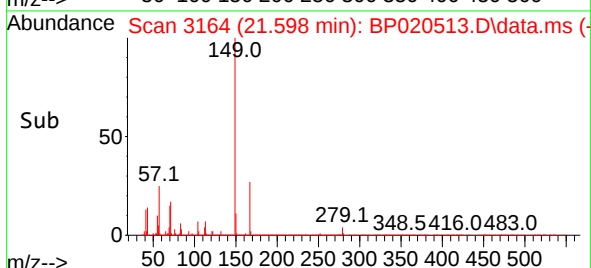
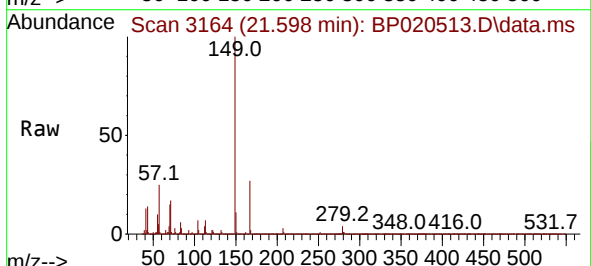
Tgt Ion:149 Resp: 2134731

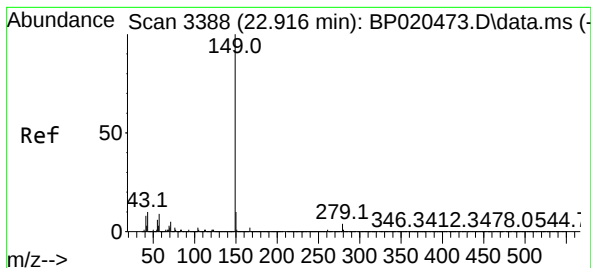
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 55.834 ng

RT: 22.898 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

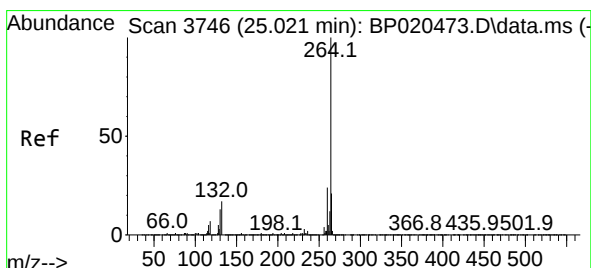
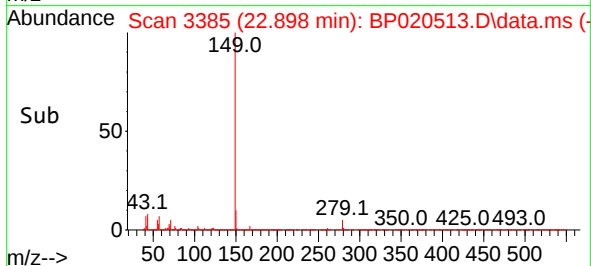
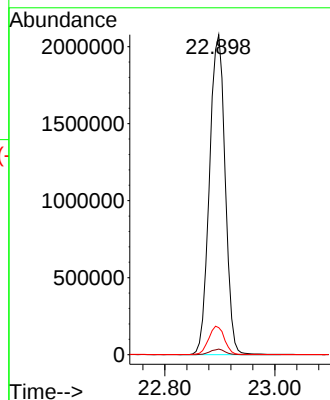
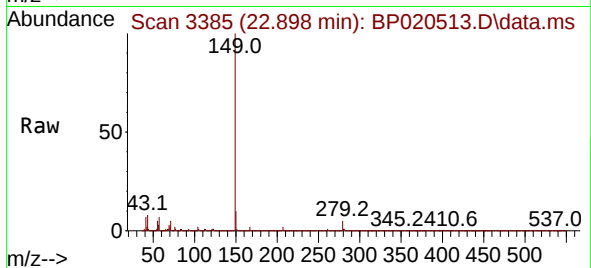
Tgt Ion:149 Resp: 4113614

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 3746

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

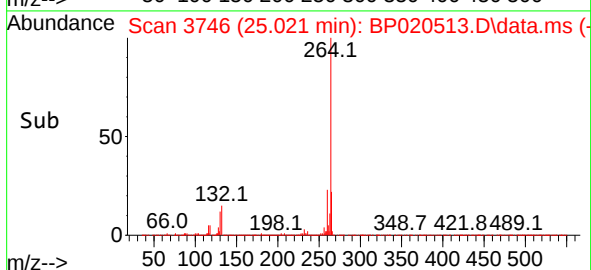
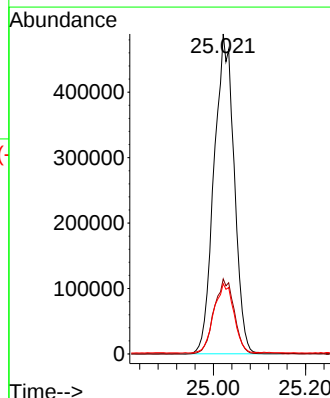
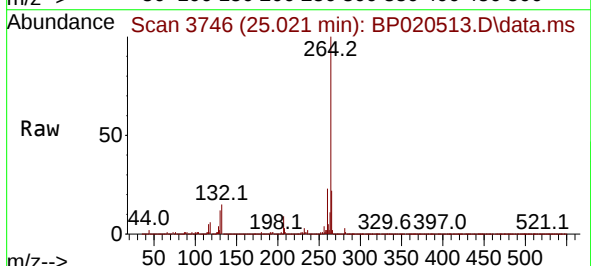
Tgt Ion:264 Resp: 1479484

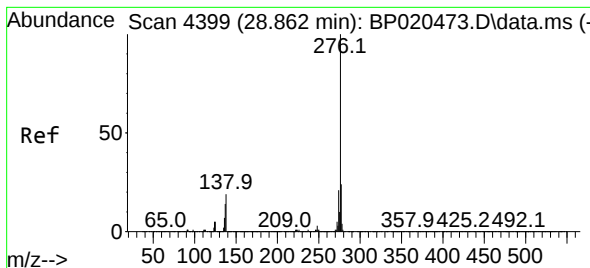
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.269 ng

RT: 28.845 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

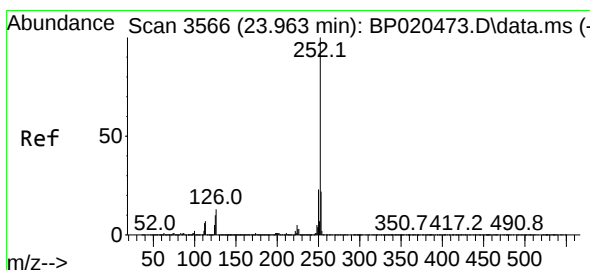
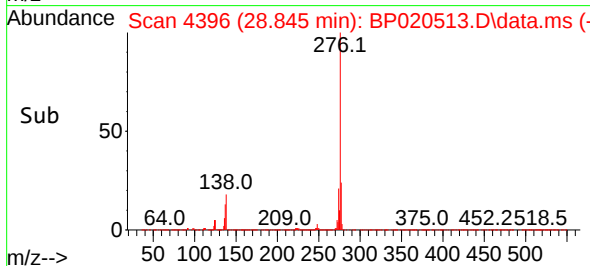
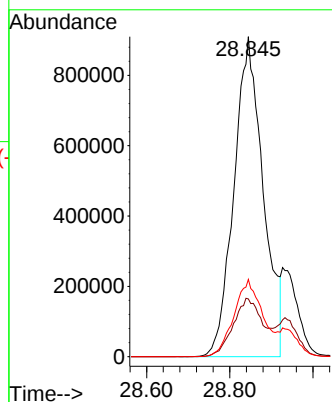
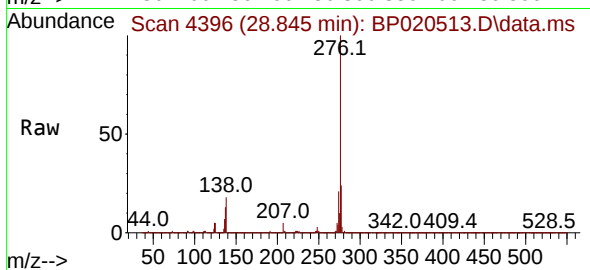
Tgt Ion:276 Resp: 4432526

Ion Ratio Lower Upper

276 100

138 18.7 12.8 19.2

277 23.5 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 45.322 ng

RT: 23.957 min Scan# 3565

Delta R.T. -0.006 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

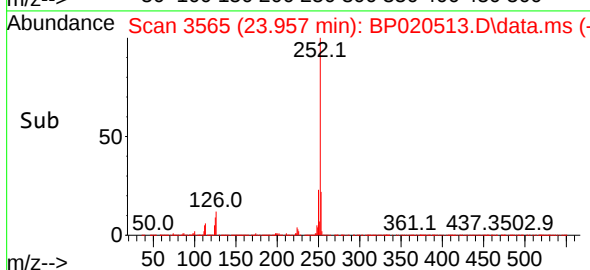
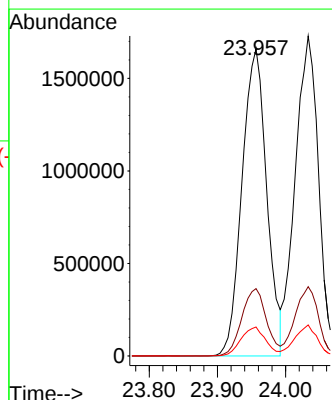
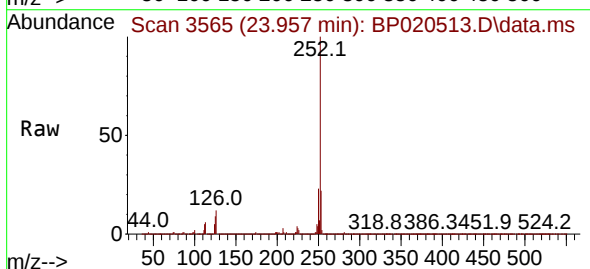
Tgt Ion:252 Resp: 4177282

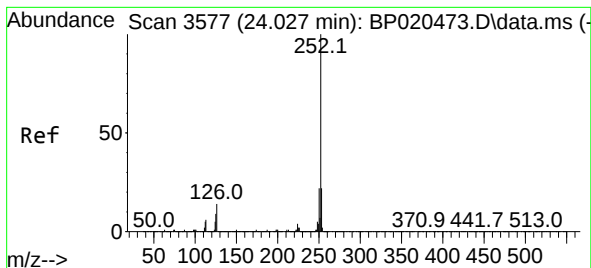
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 45.763 ng

RT: 24.033 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

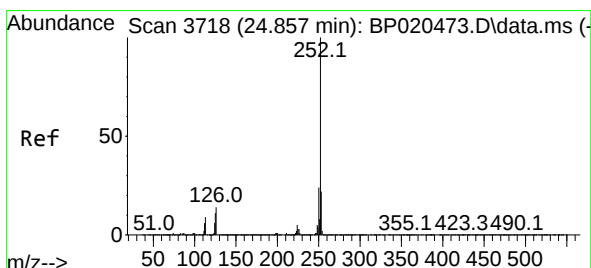
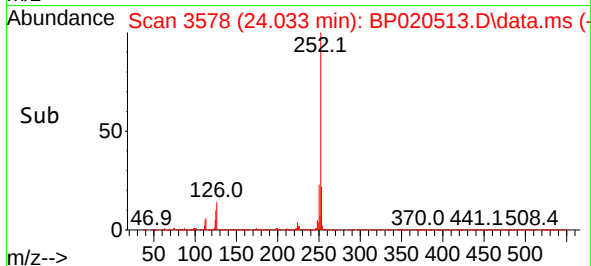
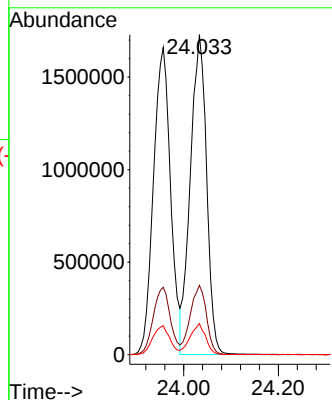
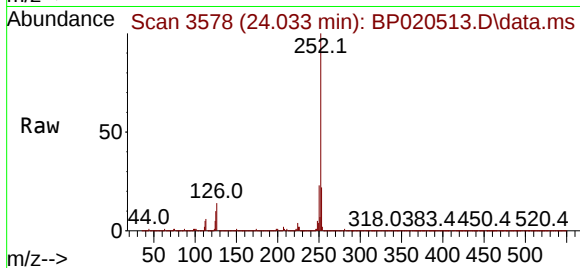
Tgt Ion:252 Resp: 4113867

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.7 7.8 11.6



#90

Benzo(a)pyrene

Concen: 51.576 ng

RT: 24.857 min Scan# 3718

Delta R.T. 0.000 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

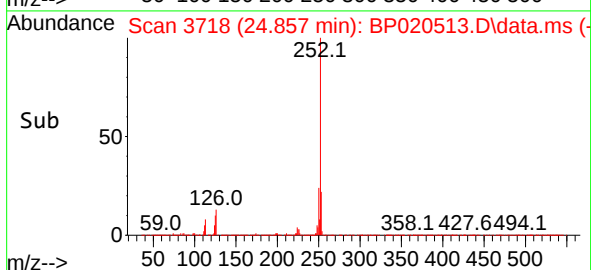
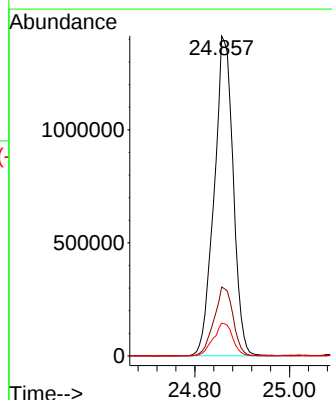
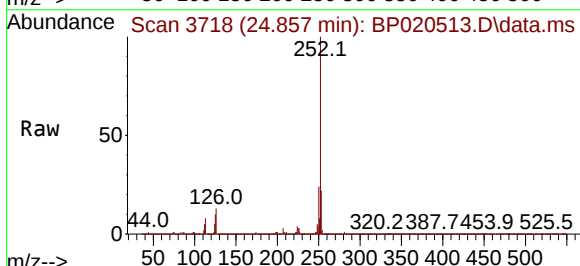
Tgt Ion:252 Resp: 3936924

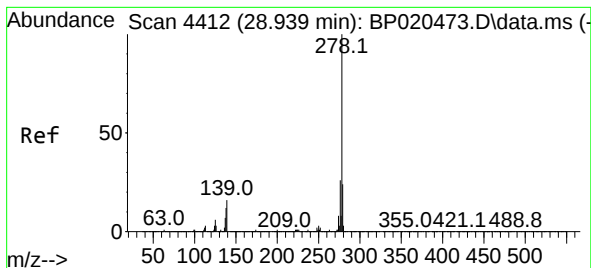
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 10.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 56.205 ng

RT: 28.927 min Scan# 4412

Delta R.T. -0.012 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Instrument :

BNA_P

ClientSampleId :

PB161311BS

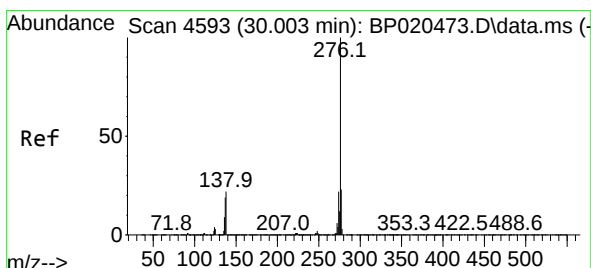
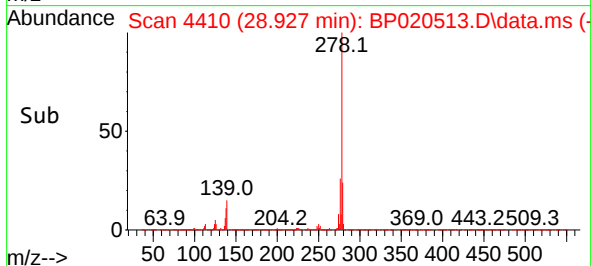
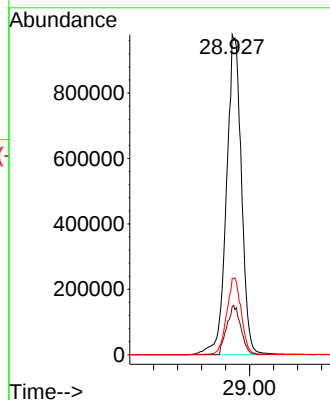
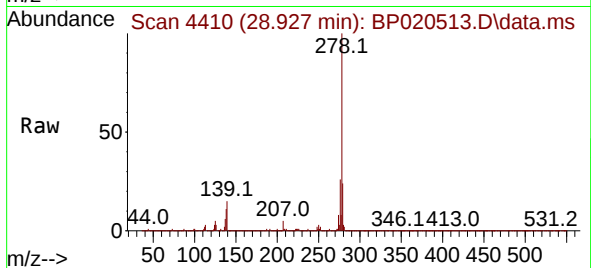
Tgt Ion:278 Resp: 4217629

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 53.186 ng

RT: 30.021 min Scan# 4596

Delta R.T. 0.018 min

Lab File: BP020513.D

Acq: 05 Jun 2024 11:26

Tgt Ion:276 Resp: 3989266

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 20.7 17.7 26.5

