

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020612.D
 Acq On : 13 Jun 2024 14:58
 Operator : MA/JU
 Sample : PB161479BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161479BS

Quant Time: Jun 13 15:27:46 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	7.752	152	252860	20.000	ng	-0.02
21) Naphthalene-d8	10.528	136	943831	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	549671	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1084189	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	1001107	20.000	ng	-0.04
86) Perylene-d12	24.992	264	1193791	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1855197	131.363	ng	0.00
7) Phenol-d6	6.940	99	2287790	114.869	ng	0.00
23) Nitrobenzene-d5	8.899	82	1398797	81.127	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	891810	156.334	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	3097757	84.012	ng	-0.02
79) Terphenyl-d14	19.910	244	4475188	74.417	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	191083	33.486	ng	95
3) Pyridine	3.717	79	470428	29.321	ng	95
4) n-Nitrosodimethylamine	3.628	42	288693	37.046	ng	91
6) Aniline	7.093	93	450058	22.301	ng	98
8) 2-Chlorophenol	7.328	128	699385	44.177	ng	96
9) Benzaldehyde	6.916	77	342560	26.814	ng	98
10) Phenol	6.963	94	836749	41.015	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	639895	38.034	ng	98
12) 1,3-Dichlorobenzene	7.646	146	758274	40.653	ng	98
13) 1,4-Dichlorobenzene	7.787	146	767904	40.506	ng	99
14) 1,2-Dichlorobenzene	8.099	146	737113	40.288	ng	98
15) Benzyl Alcohol	7.999	79	592679	40.287	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	864407	34.414	ng	98
17) 2-Methylphenol	8.193	107	553669	39.993	ng	99
18) Hexachloroethane	8.816	117	277115	40.031	ng	96
19) n-Nitroso-di-n-propyla...	8.552	70	475057	34.940	ng	95
20) 3+4-Methylphenols	8.516	107	742026	39.406	ng	99
22) Acetophenone	8.569	105	974010	41.575	ng	# 97
24) Nitrobenzene	8.946	77	710332	40.594	ng	98
25) Isophorone	9.463	82	1294665	38.646	ng	100
26) 2-Nitrophenol	9.640	139	353754	50.859	ng	97
27) 2,4-Dimethylphenol	9.699	122	447792	44.245	ng	96
28) bis(2-Chloroethoxy)met...	9.934	93	782062	37.982	ng	100
29) 2,4-Dichlorophenol	10.175	162	625837	46.093	ng	98
30) 1,2,4-Trichlorobenzene	10.381	180	691780	42.916	ng	99
31) Naphthalene	10.569	128	1959636	40.614	ng	99
32) Benzoic acid	9.863	122	436948	45.809	ng	97
33) 4-Chloroaniline	10.681	127	405375	21.718	ng	97
34) Hexachlorobutadiene	10.846	225	434109	42.753	ng	99
35) Caprolactam	11.481	113	191425	38.471	ng	91
36) 4-Chloro-3-methylphenol	11.798	107	654424	41.166	ng	99
37) 2-Methylnaphthalene	12.169	142	1336393	38.653	ng	100
38) 1-Methylnaphthalene	12.398	142	1239805	36.174	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	762158	47.923	ng	99
41) Hexachlorocyclopentadiene	12.510	237	714240	127.786	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	487163	50.676	ng	100

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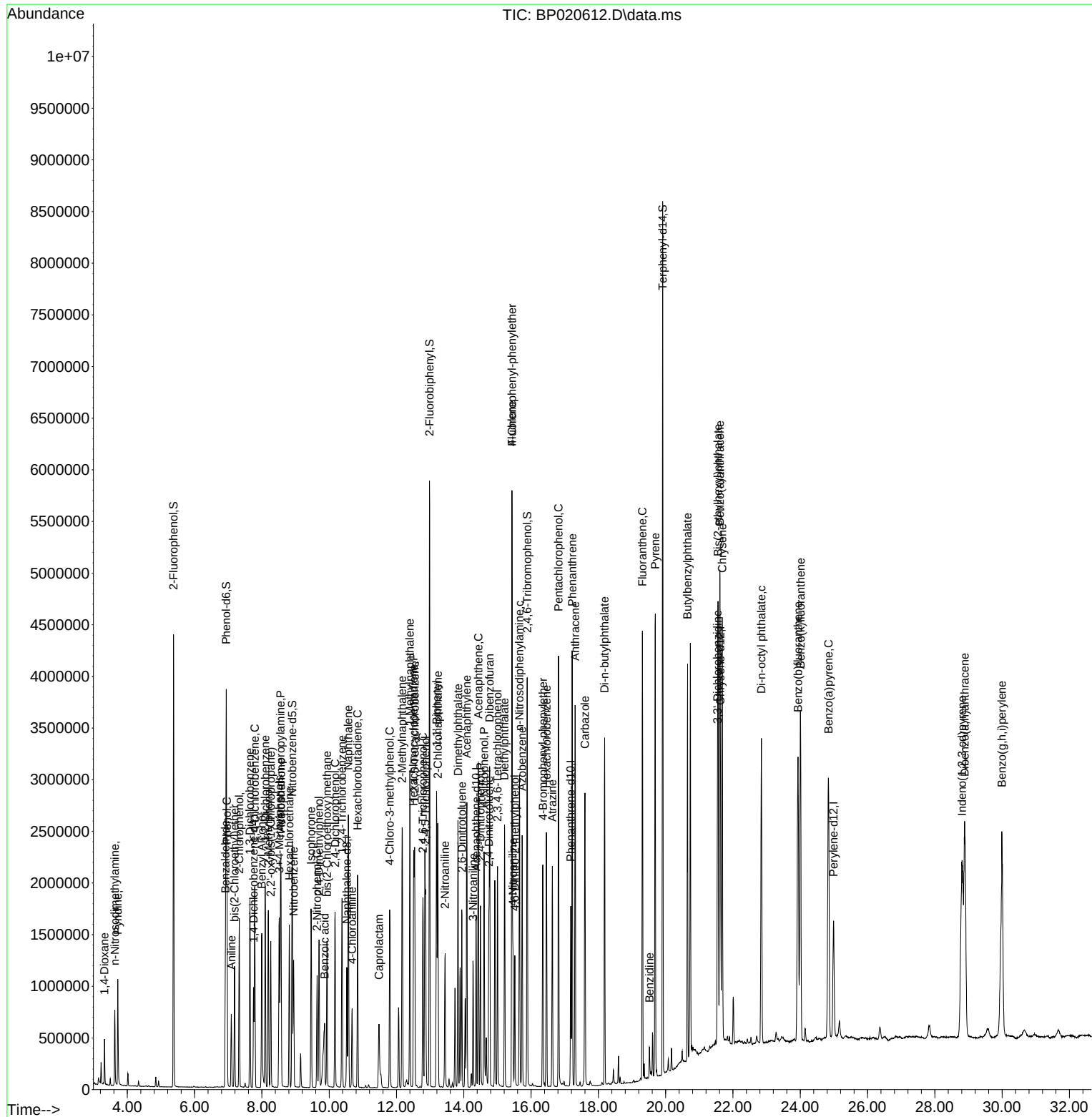
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44) 2,4,5-Trichlorophenol	12.863	196	529132	47.709	ng	98
46) 1,1'-Biphenyl	13.193	154	1695253	43.701	ng	99
47) 2-Chloronaphthalene	13.228	162	1333462	43.240	ng	100
48) 2-Nitroaniline	13.445	65	398822	47.727	ng	95
49) Acenaphthylene	14.092	152	2121594	46.364	ng	99
50) Dimethylphthalate	13.828	163	1602385	41.356	ng	100
51) 2,6-Dinitrotoluene	13.945	165	358032	43.231	ng	90
52) Acenaphthene	14.434	154	1194549	41.385	ng	100
53) 3-Nitroaniline	14.281	138	289407	34.838	ng	96
54) 2,4-Dinitrophenol	14.498	184	406380	100.170	ng	90
55) Dibenzofuran	14.769	168	1968750	43.057	ng	98
56) 4-Nitrophenol	14.604	139	618043	96.178	ng	98
57) 2,4-Dinitrotoluene	14.745	165	484241	44.492	ng	97
58) Fluorene	15.434	166	1536696	41.864	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	444750	49.002	ng	98
60) Diethylphthalate	15.210	149	1557097	39.534	ng	100
61) 4-Chlorophenyl-phenyle...	15.434	204	779507	41.152	ng	99
62) 4-Nitroaniline	15.463	138	343395	40.129	ng	98
63) Azobenzene	15.734	77	1441076	39.184	ng	97
65) 4,6-Dinitro-2-methylph...	15.516	198	278791	56.406	ng	95
66) n-Nitrosodiphenylamine	15.657	169	1342989	45.055	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	504652	45.497	ng	99
68) Hexachlorobenzene	16.457	284	585669	44.864	ng	99
69) Atrazine	16.634	200	470037	44.822	ng	100
70) Pentachlorophenol	16.816	266	754161	95.121	ng	99
71) Phenanthrene	17.222	178	2345719	44.013	ng	100
72) Anthracene	17.310	178	2331932	44.590	ng	100
73) Carbazole	17.604	167	2167972	42.857	ng	99
74) Di-n-butylphthalate	18.186	149	2553269	41.680	ng	99
75) Fluoranthene	19.310	202	2718193	43.111	ng	99
77) Benzidine	19.522	184	216560	11.298	ng	97
78) Pyrene	19.692	202	2813396	37.362	ng	99
80) Butylbenzylphthalate	20.651	149	1174055	39.186	ng	92
81) Benzo(a)anthracene	21.610	228	2850893	43.250	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	838871	42.811	ng	100
83) Chrysene	21.680	228	2785636	44.848	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	1691634	39.473	ng	99
85) Di-n-octyl phthalate	22.845	149	3135366	50.336	ng	96
87) Indeno(1,2,3-cd)pyrene	28.809	276	4202662	57.893	ng	98
88) Benzo(b)fluoranthene	23.933	252	3214591	43.224	ng	100
89) Benzo(k)fluoranthene	24.010	252	3211514	44.275	ng	99
90) Benzo(a)pyrene	24.839	252	3061801	49.711	ng	99
91) Dibenzo(a,h)anthracene	28.886	278	3497459	57.762	ng	99
92) Benzo(g,h,i)perylene	29.992	276	3396195	56.115	ng	96

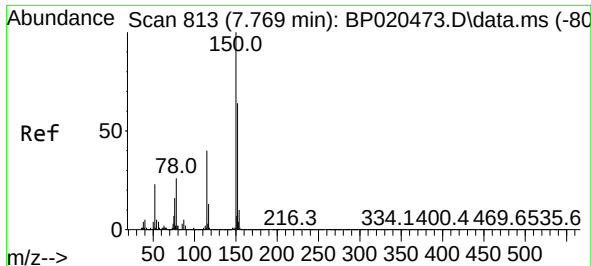
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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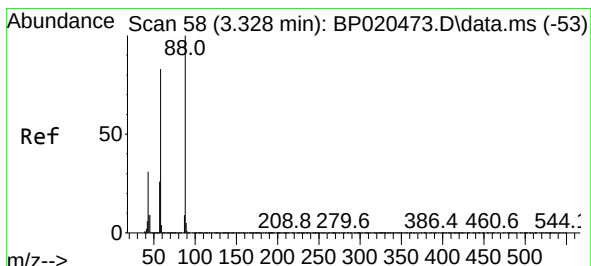
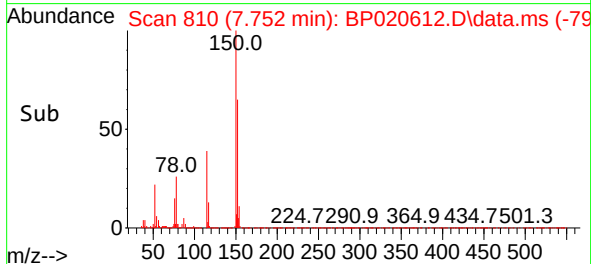
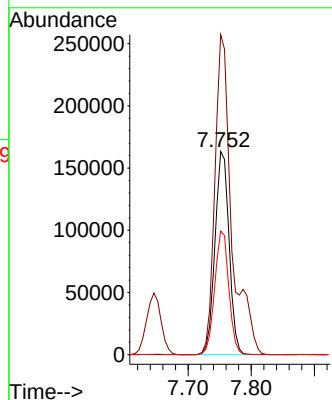
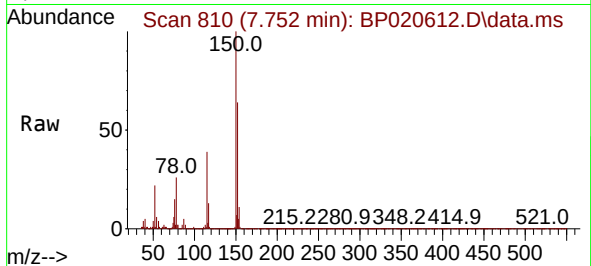




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.752 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP020612.D
 Acq: 13 Jun 2024 14:58

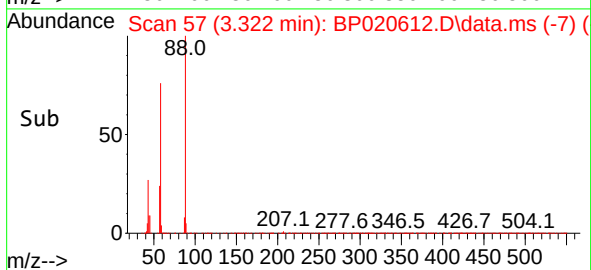
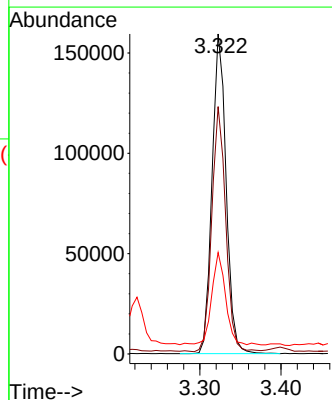
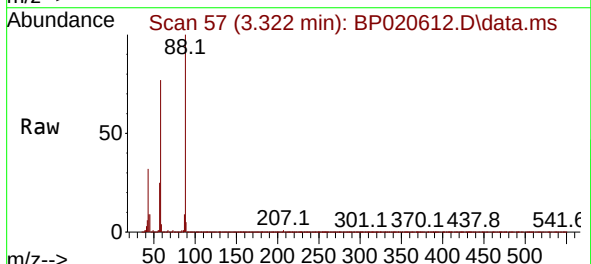
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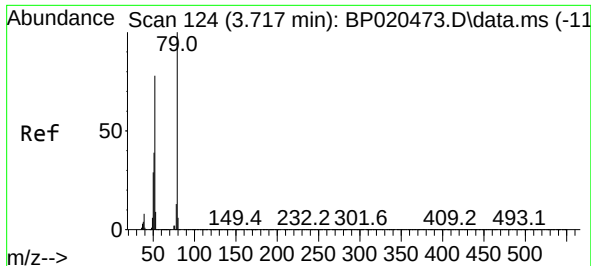
Tgt Ion:152 Resp: 252860
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.2 186.2
 115 60.9 49.5 74.3



#2
 1,4-Dioxane
 Concen: 33.486 ng
 RT: 3.322 min Scan# 57
 Delta R.T. -0.006 min
 Lab File: BP020612.D
 Acq: 13 Jun 2024 14:58

Tgt Ion: 88 Resp: 191083
 Ion Ratio Lower Upper
 88 100
 58 76.0 64.6 97.0
 43 28.1 24.5 36.7

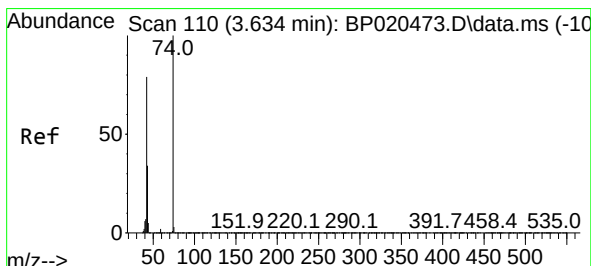
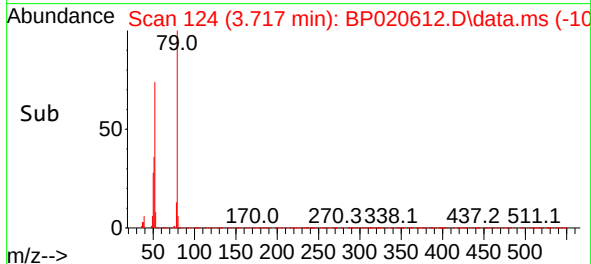
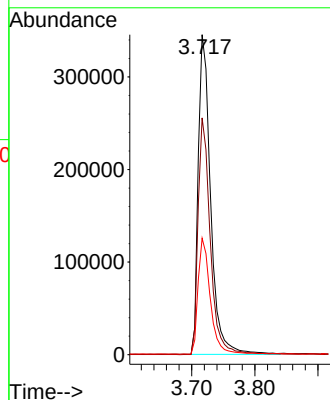
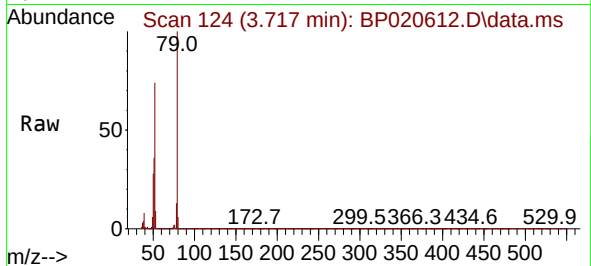




#3
Pyridine
Concen: 29.321 ng
RT: 3.717 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

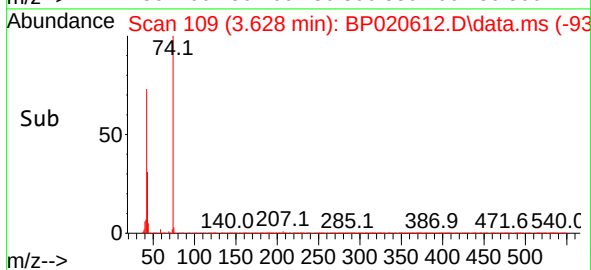
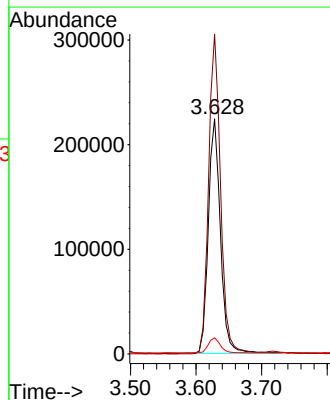
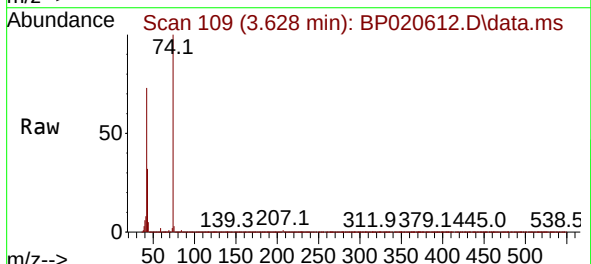
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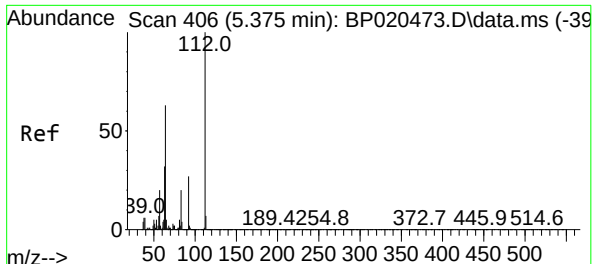
Tgt Ion: 79 Resp: 470428
Ion Ratio Lower Upper
79 100
52 74.0 62.6 94.0
51 36.4 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 37.046 ng
RT: 3.628 min Scan# 109
Delta R.T. -0.006 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion: 42 Resp: 288693
Ion Ratio Lower Upper
42 100
74 136.1 100.6 151.0
44 6.9 5.8 8.8

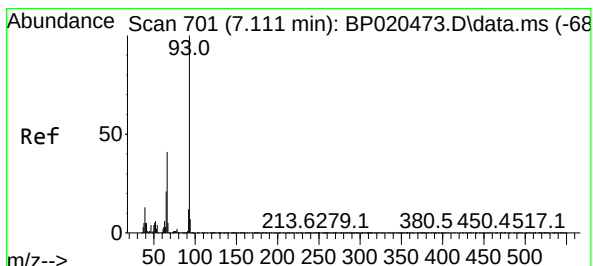
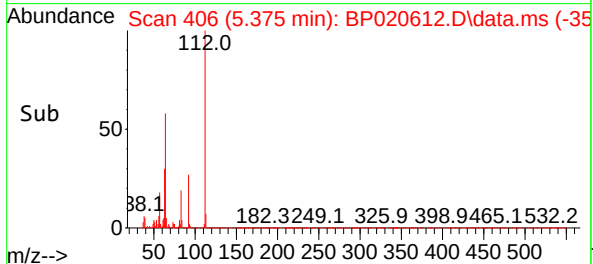
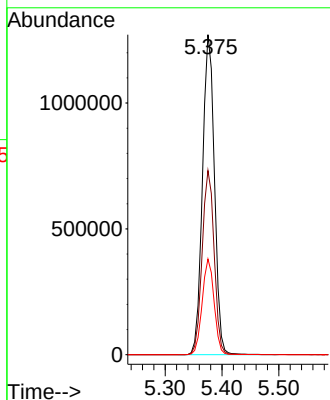
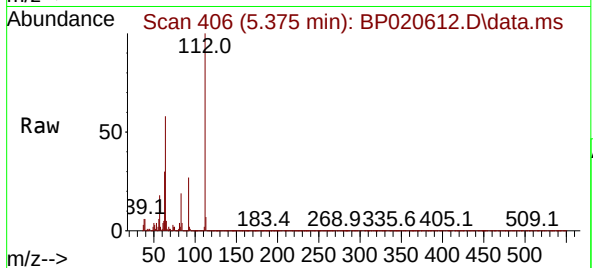




#5
2-Fluorophenol
Concen: 131.363 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

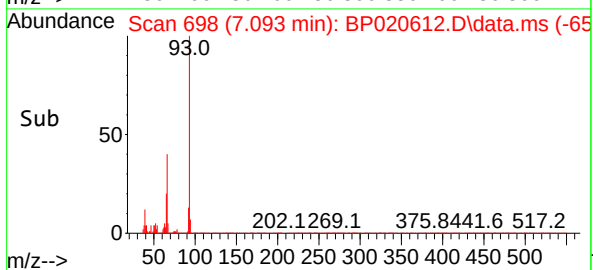
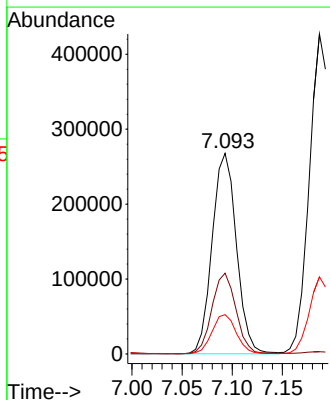
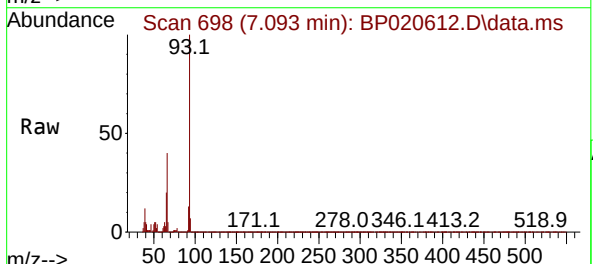
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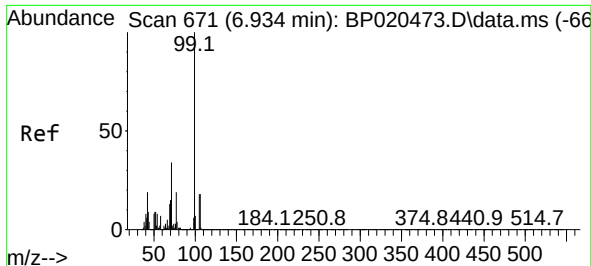
Tgt Ion:112 Resp: 1855197
Ion Ratio Lower Upper
112 100
64 57.6 50.1 75.1
63 29.9 25.7 38.5



#6
Aniline
Concen: 22.301 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion: 93 Resp: 450058
Ion Ratio Lower Upper
93 100
66 40.3 32.8 49.2
65 19.6 16.9 25.3

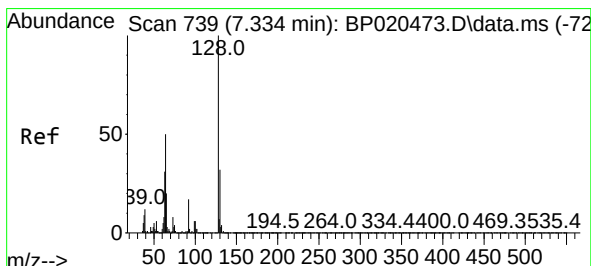
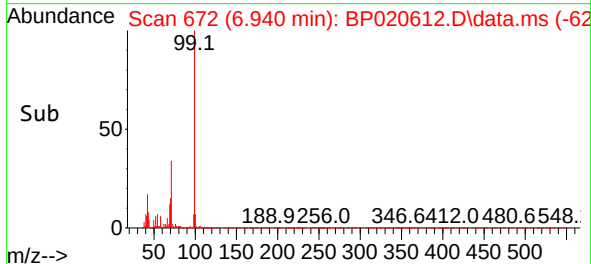
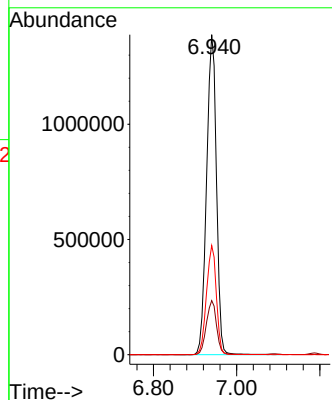
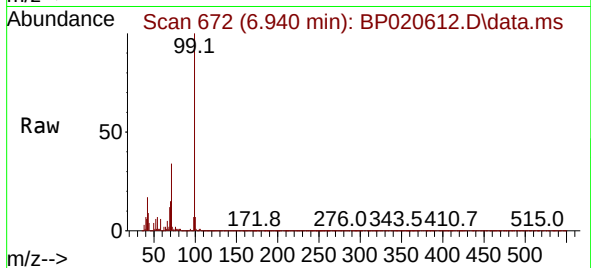




#7
Phenol-d6
Concen: 114.869 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020612.D
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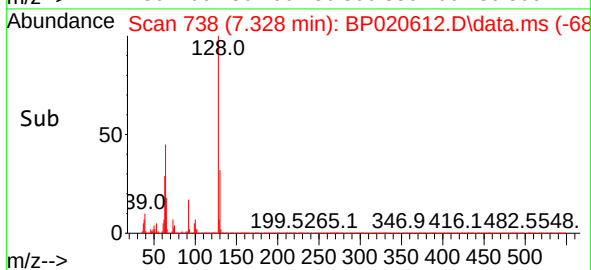
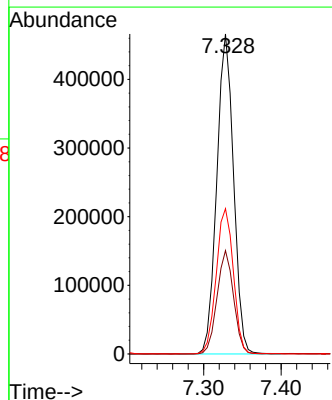
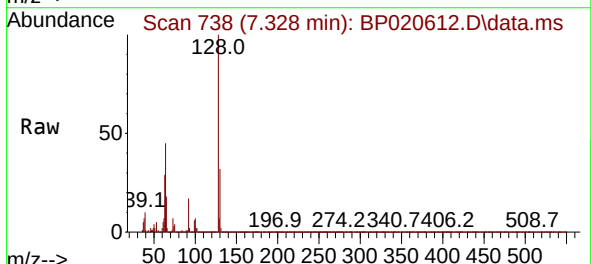
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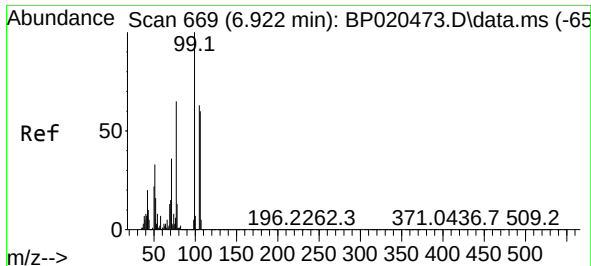
Tgt Ion: 99 Resp: 2287790
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 34.1 27.3 40.9



#8
2-Chlorophenol
Concen: 44.177 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion: 128 Resp: 699385
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 45.4 29.6 69.6

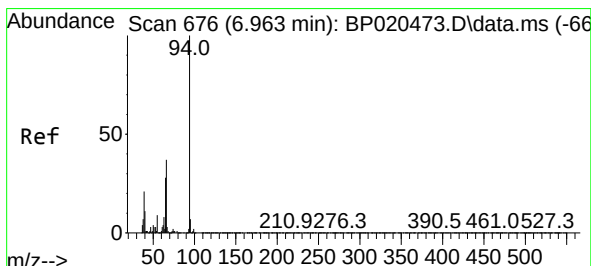
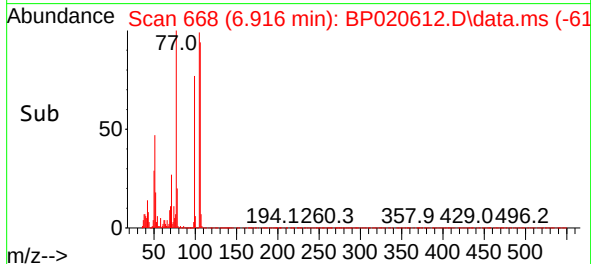
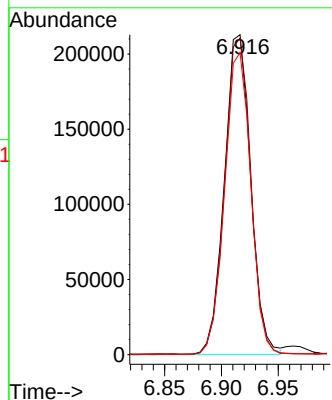
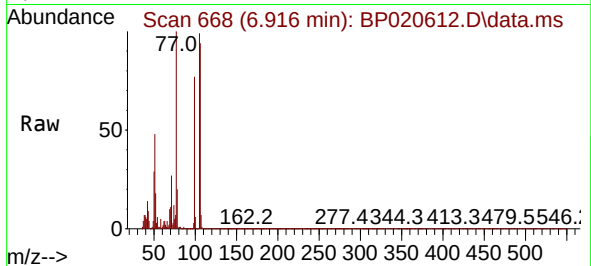




#9
Benzaldehyde
Concen: 26.814 ng
RT: 6.916 min Scan# 609
Delta R.T. -0.006 min
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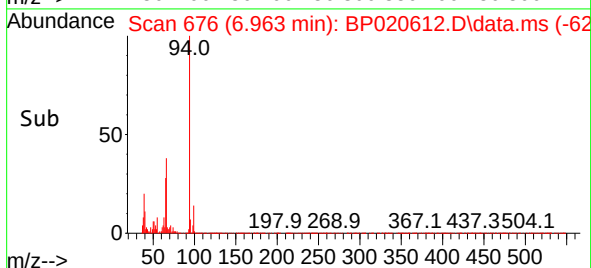
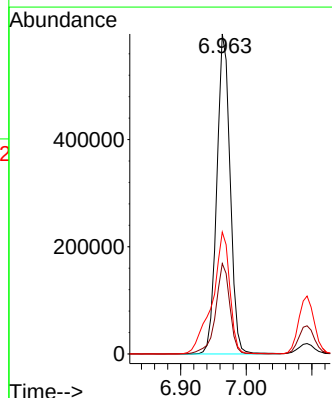
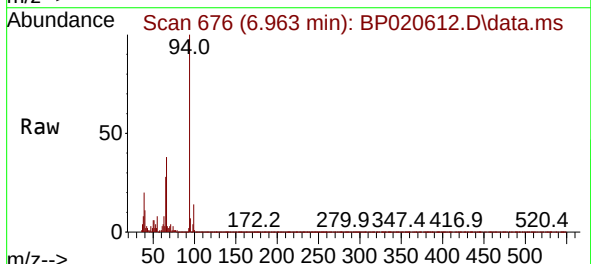
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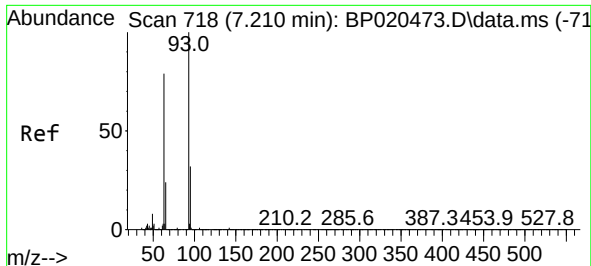
Tgt Ion: 77 Resp: 342560
Ion Ratio Lower Upper
77 100
105 98.9 76.8 116.8
106 94.4 72.0 112.0



#10
Phenol
Concen: 41.015 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP020612.D
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Tgt Ion: 94 Resp: 836749
Ion Ratio Lower Upper
94 100
65 28.2 8.2 48.2
66 38.1 17.2 57.2

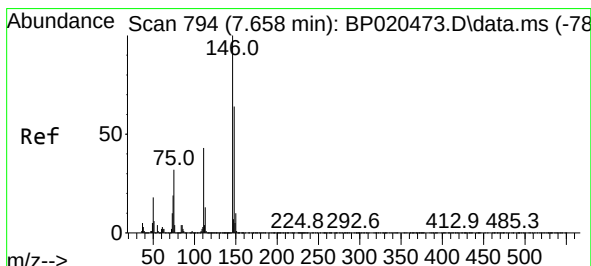
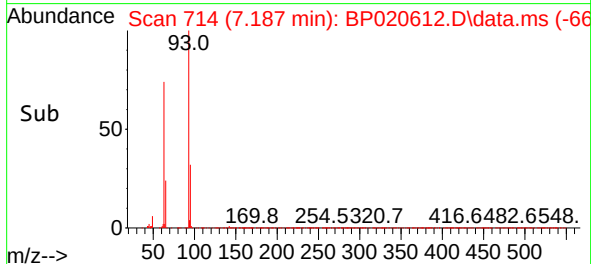
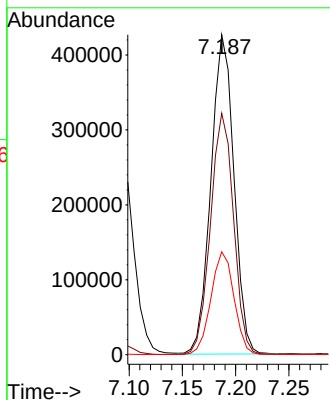
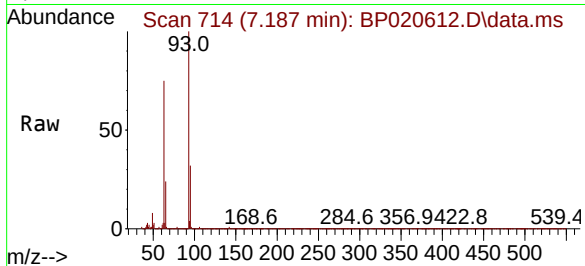




#11
bis(2-Chloroethyl)ether
Concen: 38.034 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

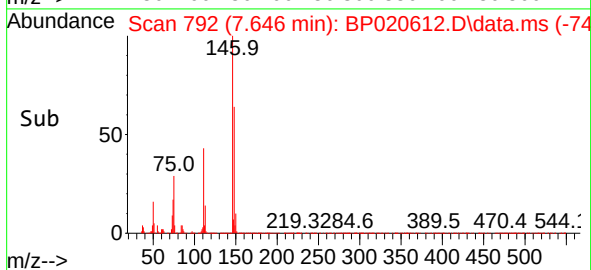
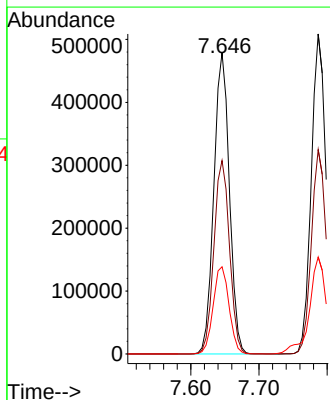
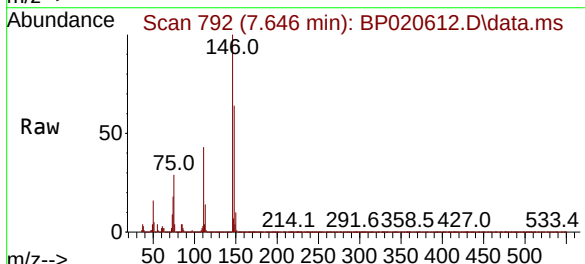
Instrument :
BNA_P
ClientSampleId :
PB161479BS

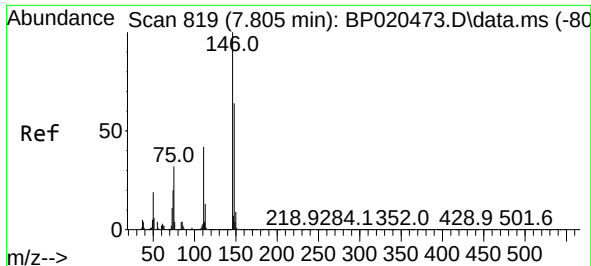
Tgt Ion: 93 Resp: 639895
Ion Ratio Lower Upper
93 100
63 75.5 58.3 98.3
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.653 ng
RT: 7.646 min Scan# 792
Delta R.T. -0.012 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion: 146 Resp: 758274
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 29.0 25.3 37.9

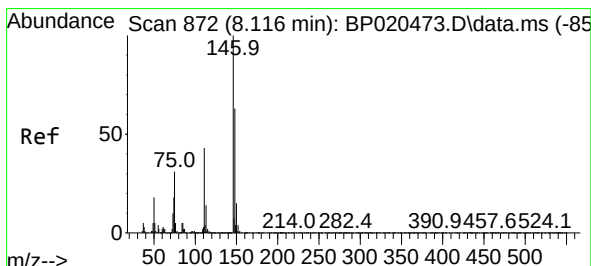
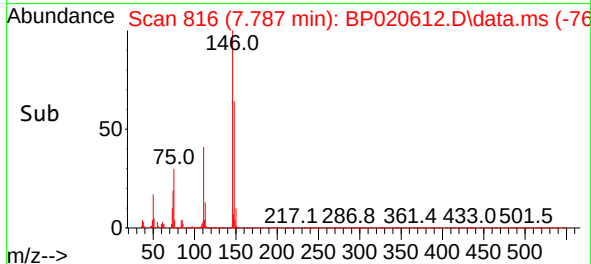
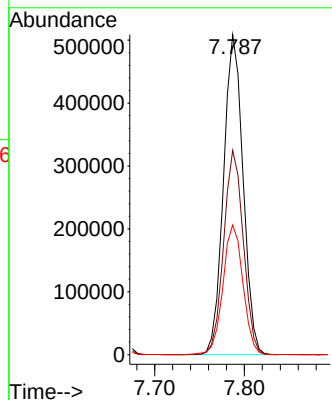
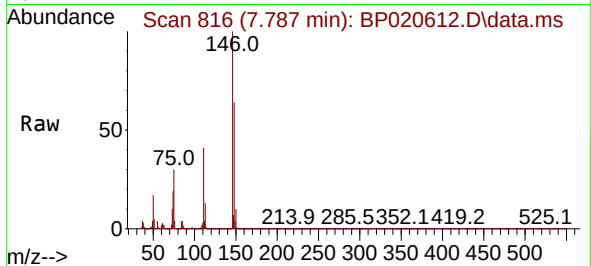




#13
1,4-Dichlorobenzene
Concen: 40.506 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

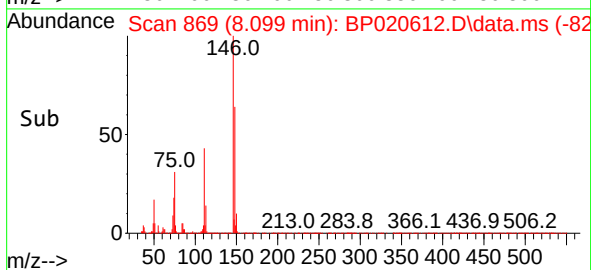
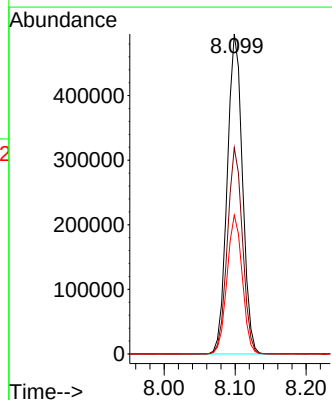
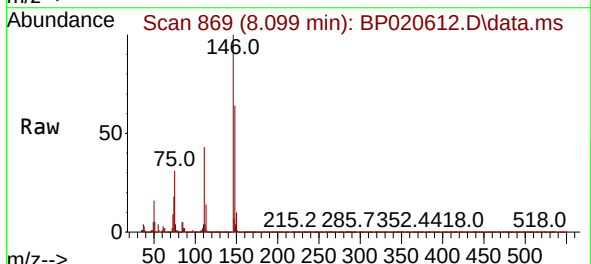
Instrument :
BNA_P
ClientSampleId :
PB161479BS

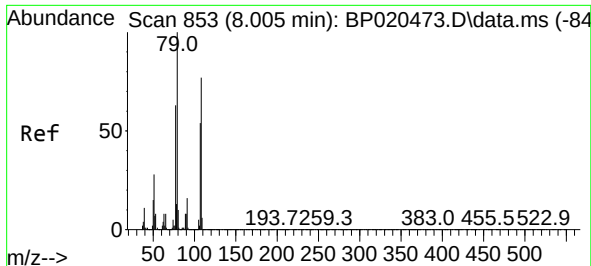
Tgt Ion:146 Resp: 767904
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 40.6 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 40.288 ng
RT: 8.099 min Scan# 869
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:146 Resp: 737113
Ion Ratio Lower Upper
146 100
148 64.4 50.1 75.1
111 43.4 34.4 51.6

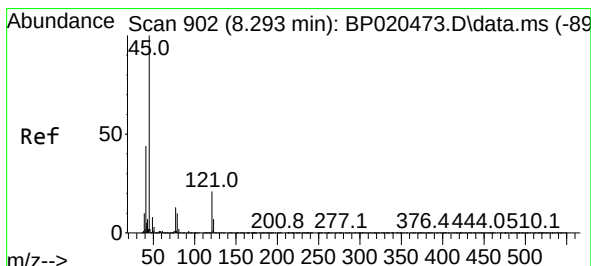
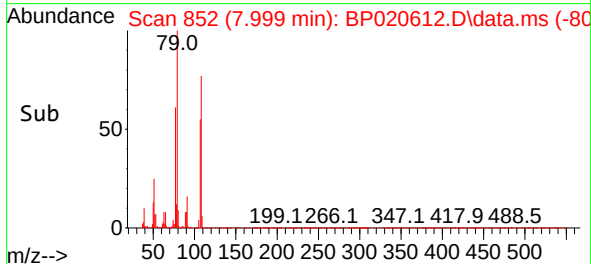
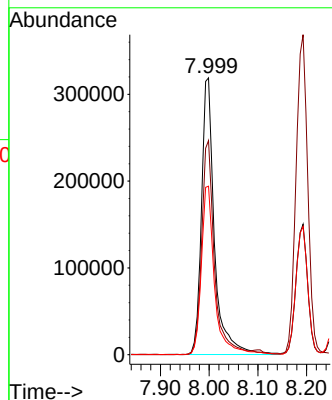
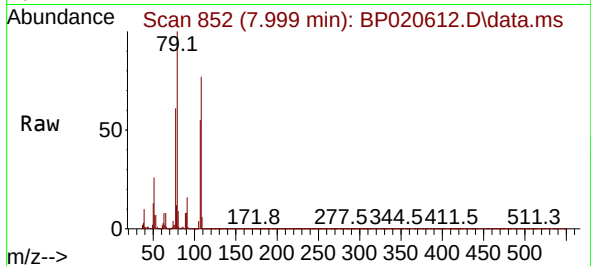




#15
Benzyl Alcohol
Concen: 40.287 ng
RT: 7.999 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

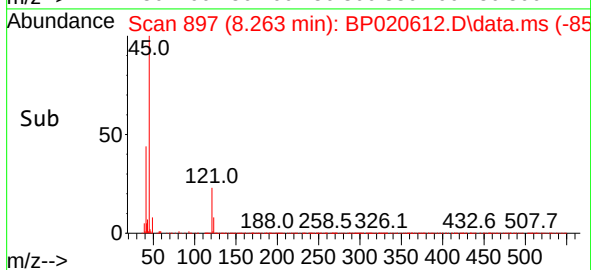
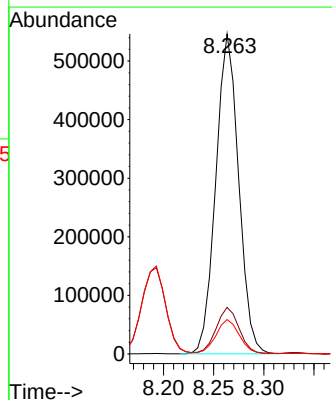
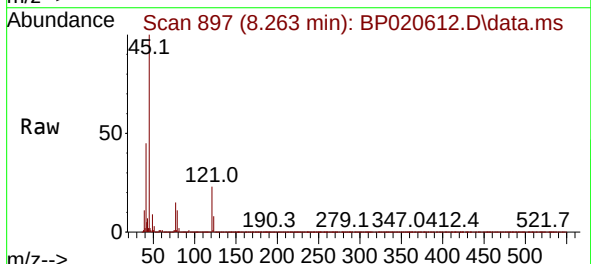
Instrument :
BNA_P
ClientSampleId :
PB161479BS

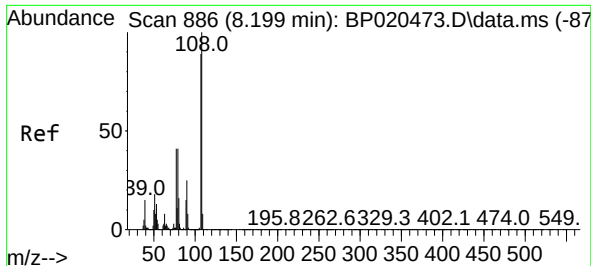
Tgt Ion: 79 Resp: 592679
Ion Ratio Lower Upper
79 100
108 77.3 61.4 92.2
77 60.9 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.414 ng
RT: 8.263 min Scan# 897
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion: 45 Resp: 864407
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.6
79 10.8 0.0 29.9

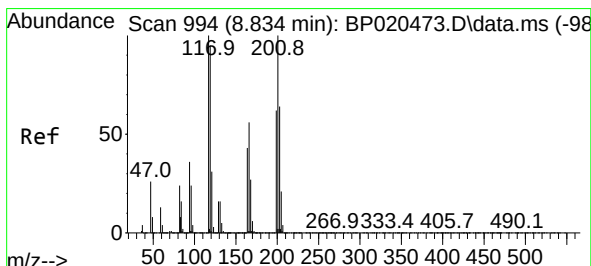
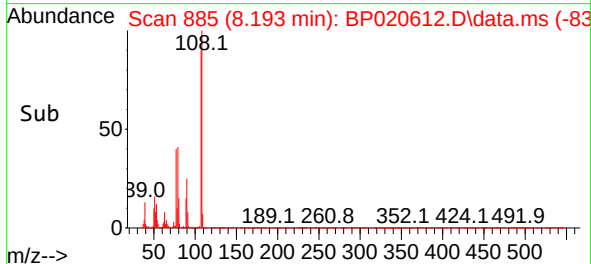
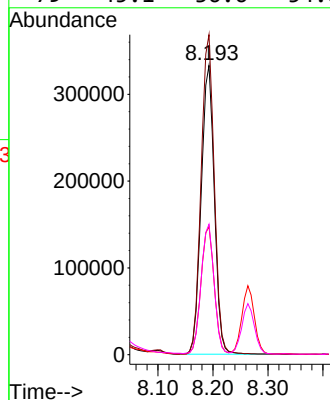
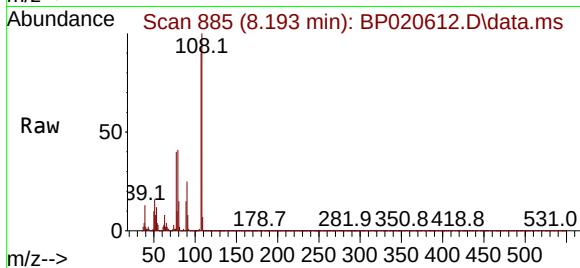




#17
2-Methylphenol
Concen: 39.993 ng
RT: 8.193 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

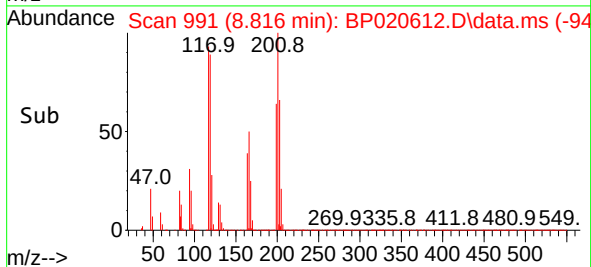
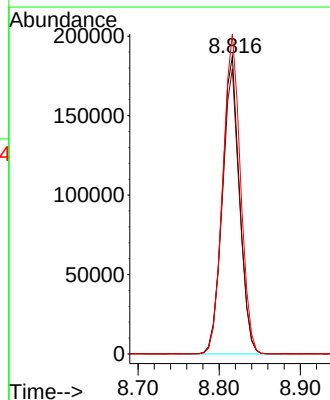
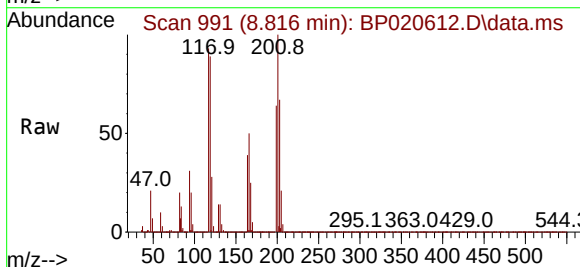
Instrument :
BNA_P
ClientSampleId :
PB161479BS

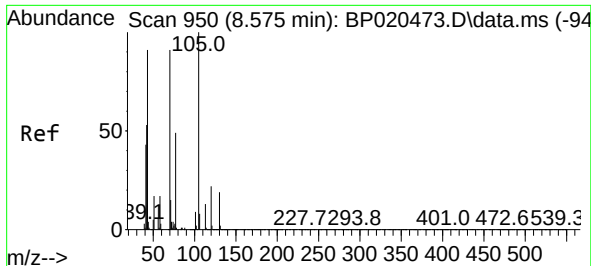
Tgt Ion:	107	Resp:	553669
Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.4	134.2
77	44.3	36.6	55.0
79	45.1	36.6	54.8



#18
Hexachloroethane
Concen: 40.031 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

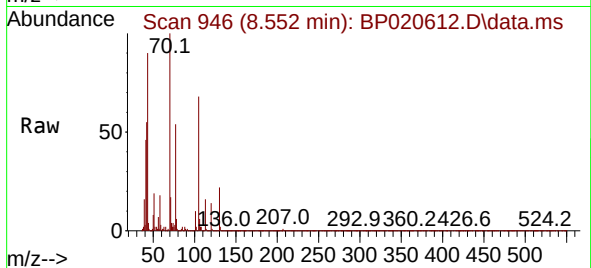
Tgt Ion:	117	Resp:	277115
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.3	114.5
201	107.6	79.9	119.9





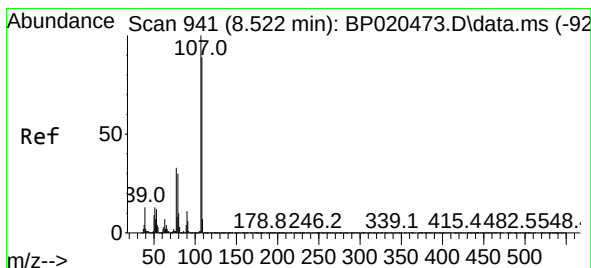
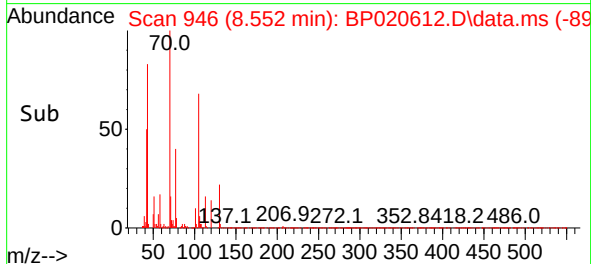
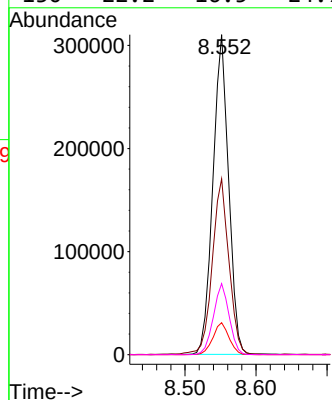
#19
n-Nitroso-di-n-propylamine
Concen: 34.940 ng
RT: 8.552 min Scan# 941
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Instrument :
BNA_P
ClientSampleId :
PB161479BS



Tgt Ion: 70 Resp: 475057

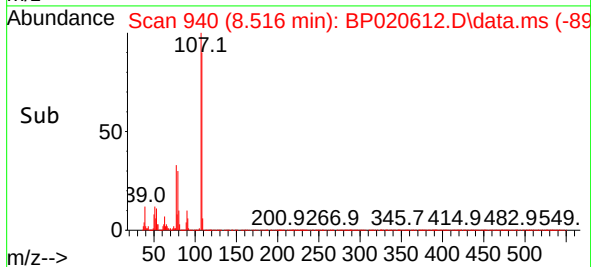
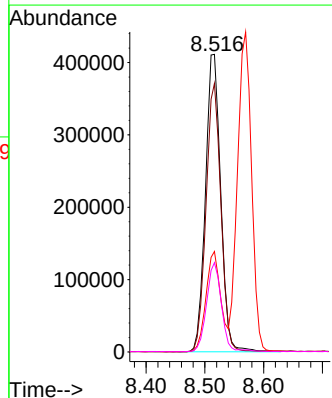
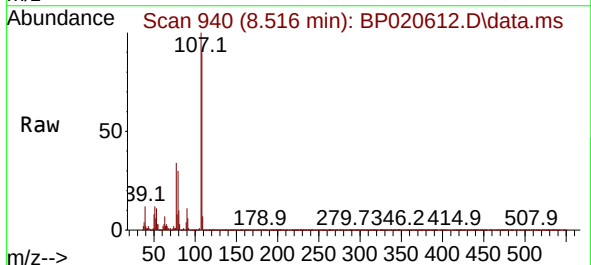
Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.4	71.0
101	10.0	7.8	11.8
130	22.2	16.5	24.7

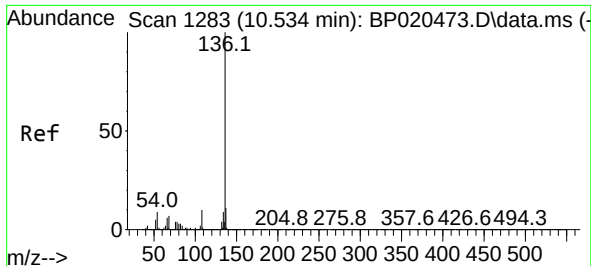


#20
3+4-Methylphenols
Concen: 39.406 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion: 107 Resp: 742026

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.2	109.2
77	33.8	13.5	53.5
79	30.0	9.8	49.8

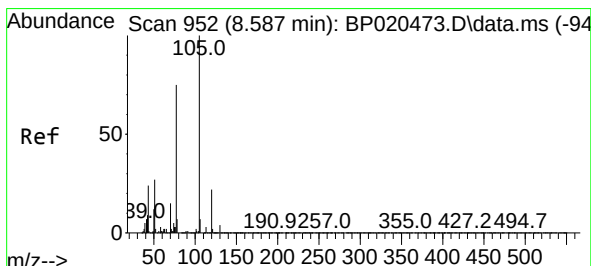
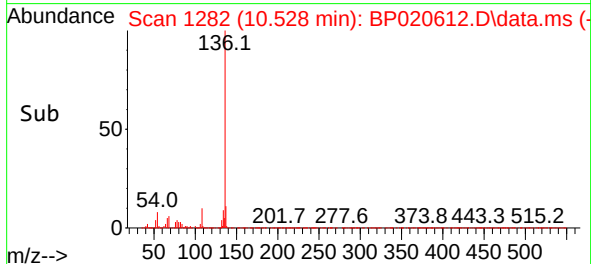
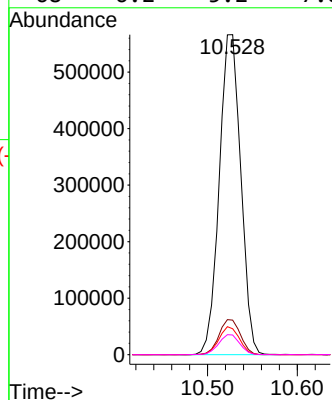
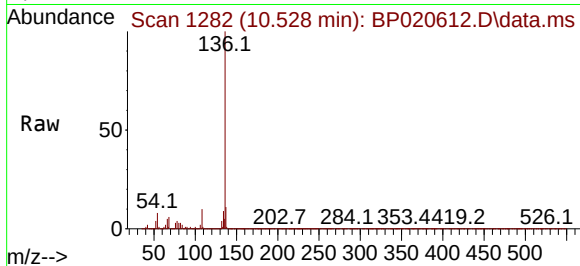




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

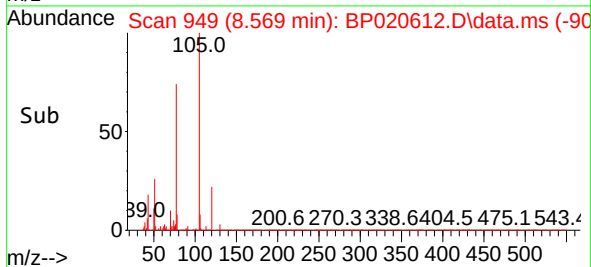
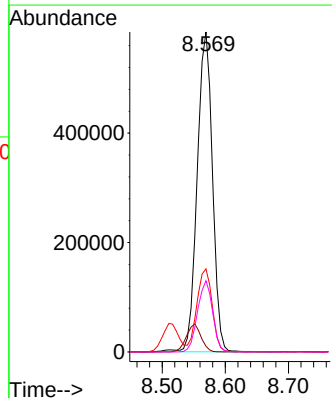
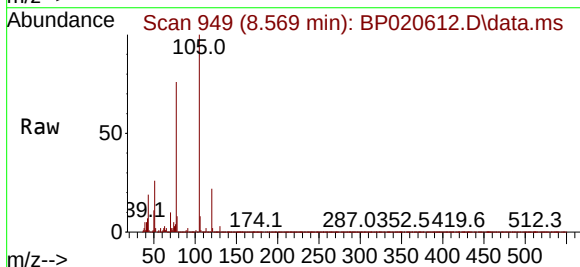
Instrument :
BNA_P
ClientSampleId :
PB161479BS

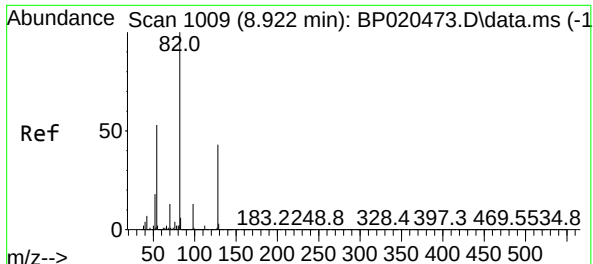
Tgt Ion:	136	Resp:	943831
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.1	7.4	11.0
68	6.2	5.2	7.8



#22
Acetophenone
Concen: 41.575 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:	105	Resp:	974010
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.3	3.5
51	26.0	22.6	33.8
120	22.3	17.7	26.5





#23

Nitrobenzene-d5

Concen: 81.127 ng

RT: 8.899 min Scan# 1005

Delta R.T. -0.024 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

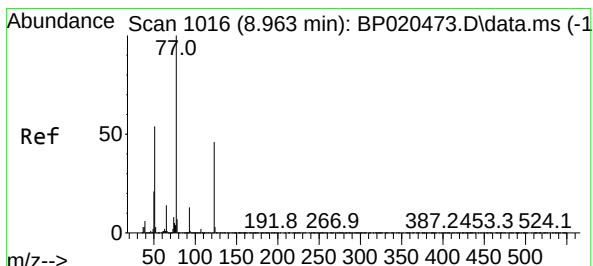
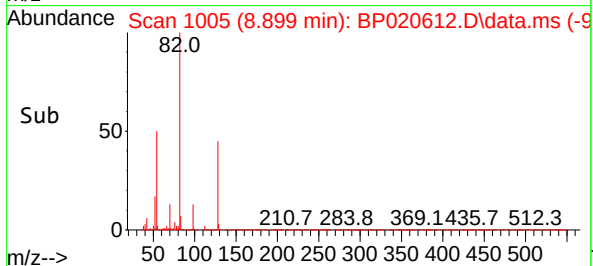
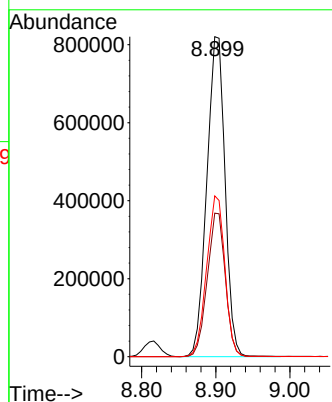
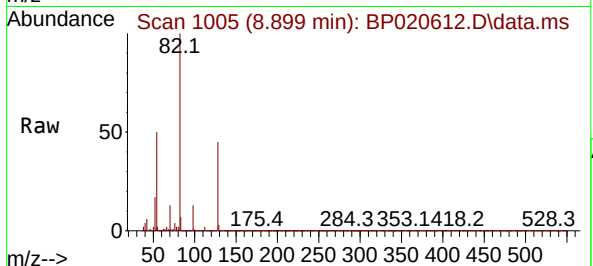
BNA_P

ClientSampleId :

PB161479BS

Tgt Ion: 82 Resp: 1398797

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.4
54	50.3	42.7	64.1



#24

Nitrobenzene

Concen: 40.594 ng

RT: 8.946 min Scan# 1013

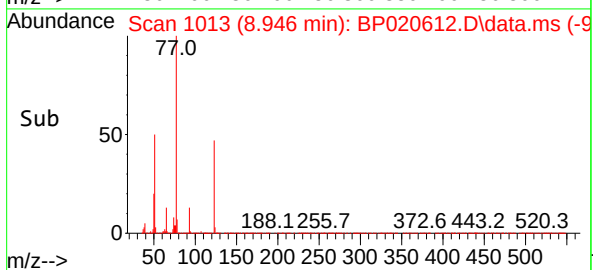
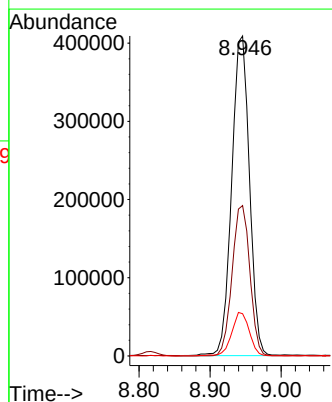
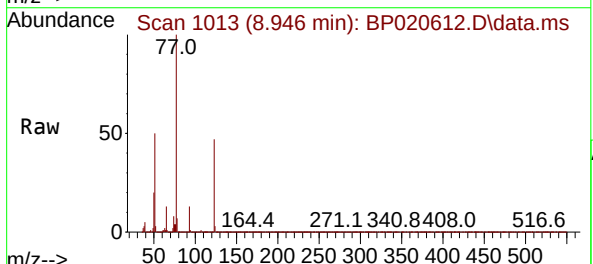
Delta R.T. -0.018 min

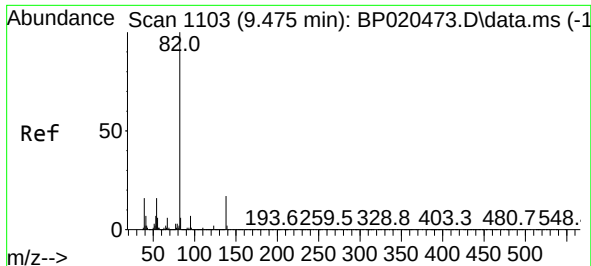
Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Tgt Ion: 77 Resp: 710332

Ion	Ratio	Lower	Upper
77	100		
123	47.0	36.6	54.8
65	13.2	11.1	16.7

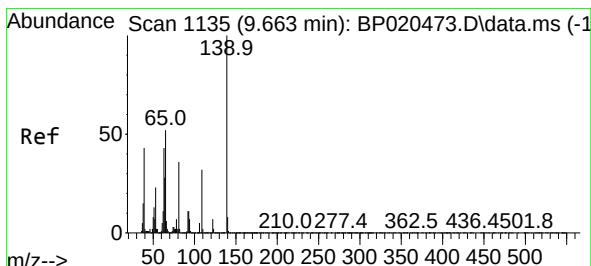
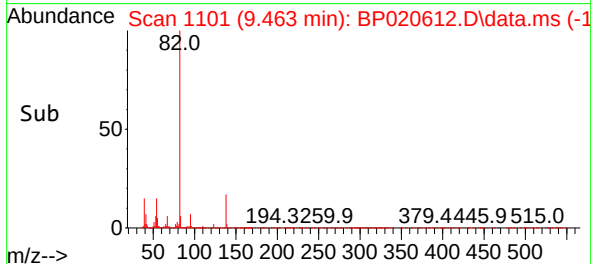
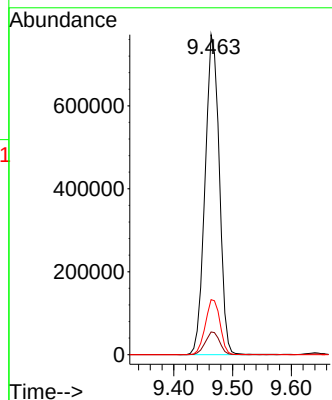
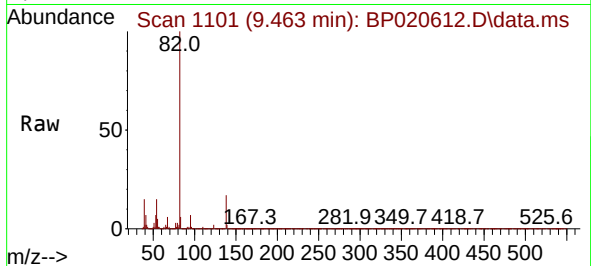




#25
Isophorone
Concen: 38.646 ng
RT: 9.463 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

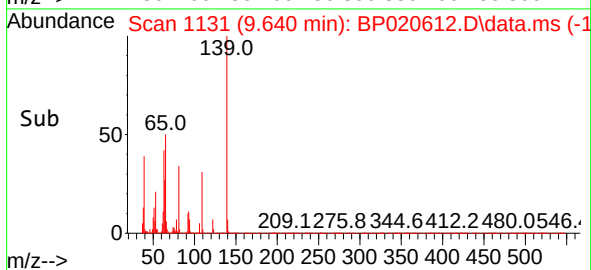
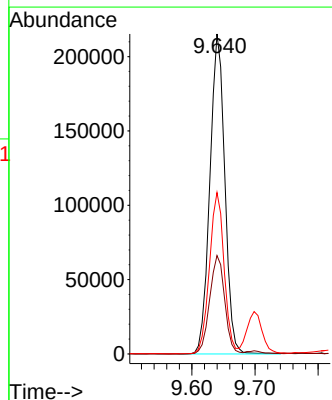
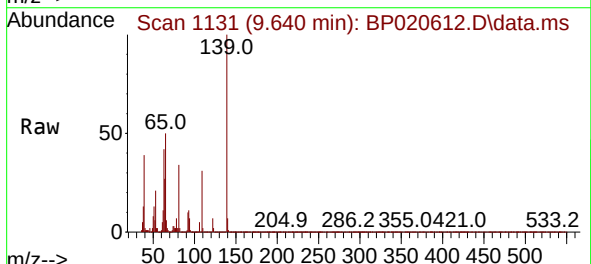
Instrument :
BNA_P
ClientSampleId :
PB161479BS

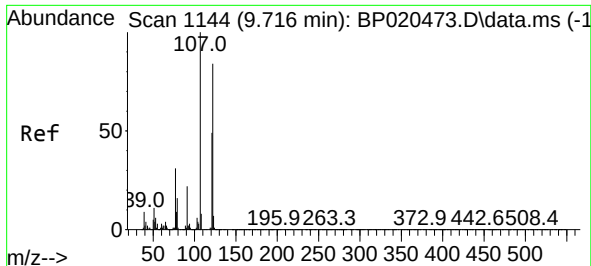
Tgt Ion: 82 Resp: 1294665
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 50.859 ng
RT: 9.640 min Scan# 1131
Delta R.T. -0.023 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion: 139 Resp: 353754
Ion Ratio Lower Upper
139 100
109 30.7 25.8 38.8
65 50.5 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 44.245 ng

RT: 9.699 min Scan# 1141

Delta R.T. -0.017 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

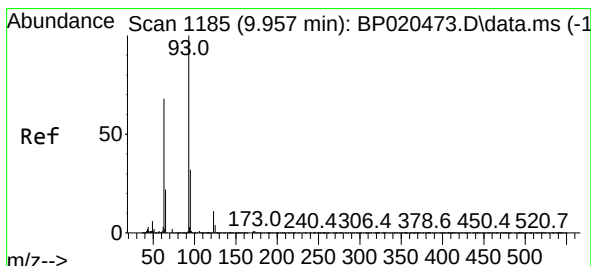
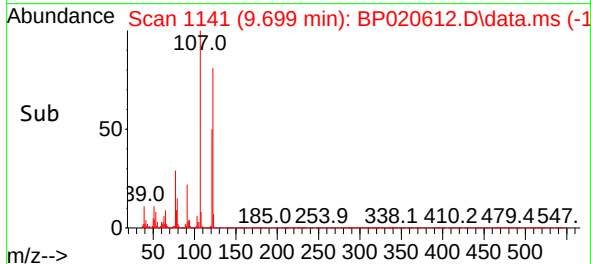
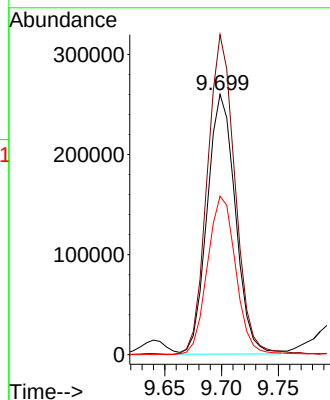
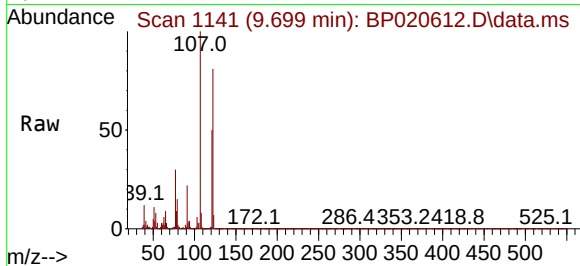
Tgt Ion:122 Resp: 447792

Ion Ratio Lower Upper

122 100

107 122.9 95.0 142.4

121 60.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.982 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.024 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

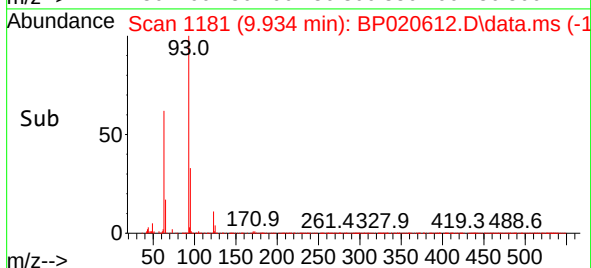
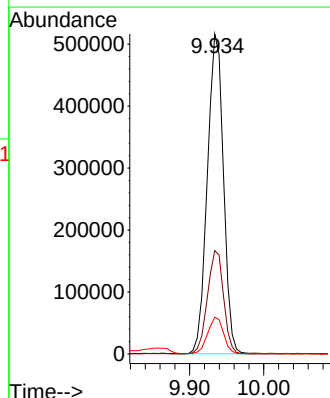
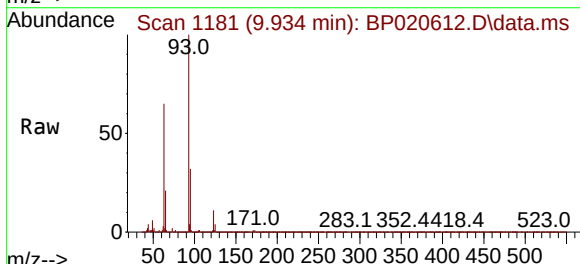
Tgt Ion: 93 Resp: 782062

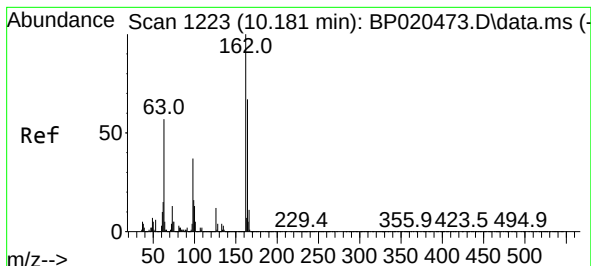
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 46.093 ng

RT: 10.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

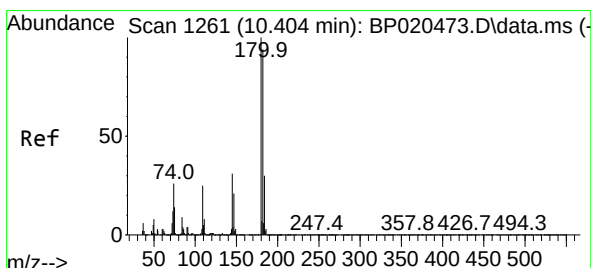
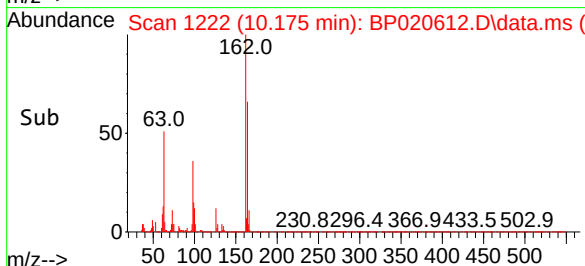
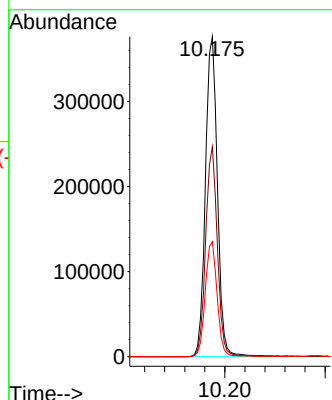
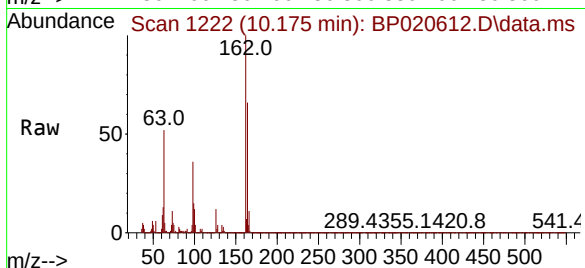
Tgt Ion:162 Resp: 625837

Ion Ratio Lower Upper

162 100

164 65.6 46.5 86.5

98 36.0 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 42.916 ng

RT: 10.381 min Scan# 1257

Delta R.T. -0.024 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

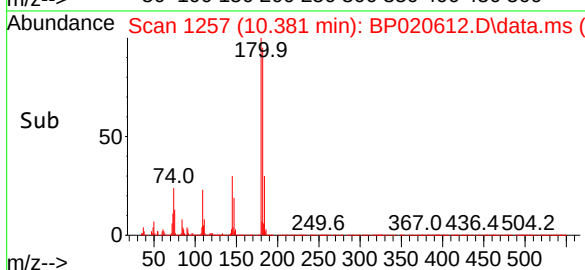
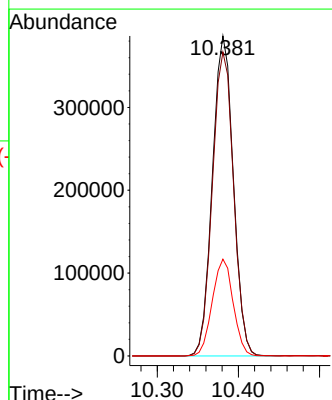
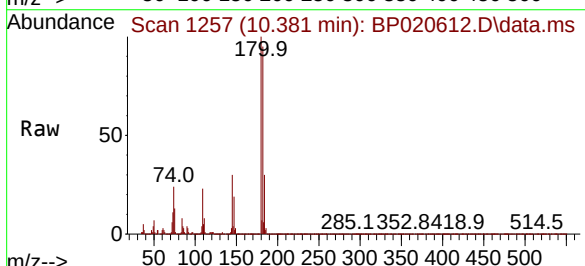
Tgt Ion:180 Resp: 691780

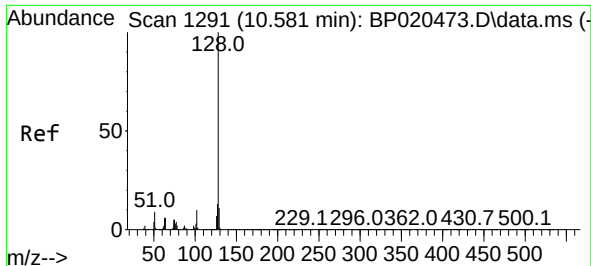
Ion Ratio Lower Upper

180 100

182 94.9 75.2 112.8

145 30.3 24.9 37.3

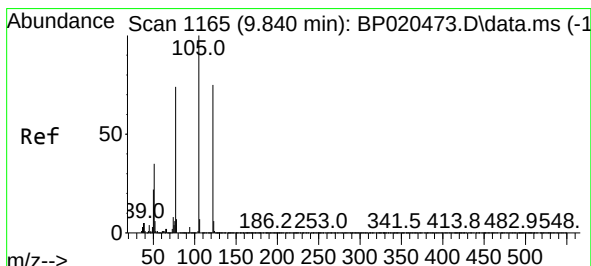
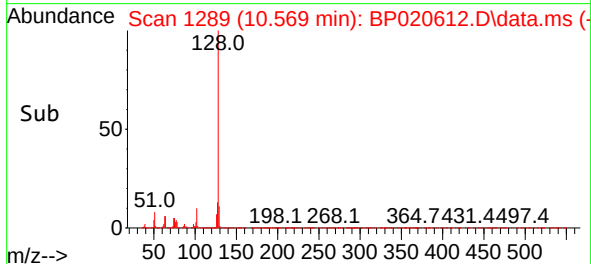
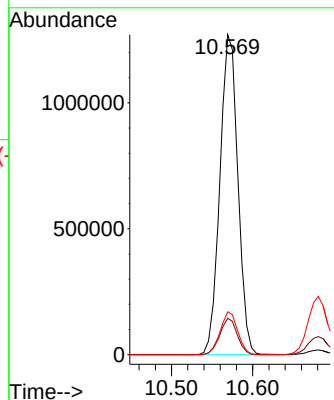
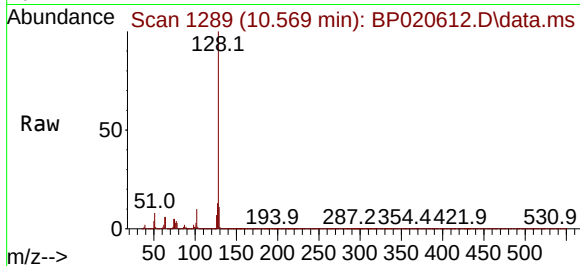




#31
Naphthalene
Concen: 40.614 ng
RT: 10.569 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

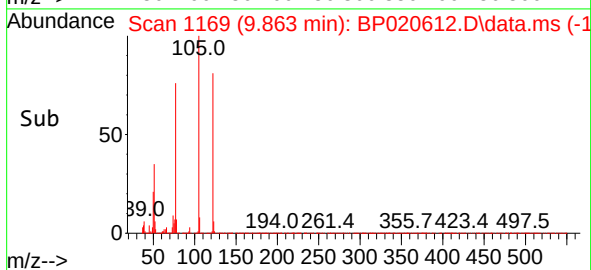
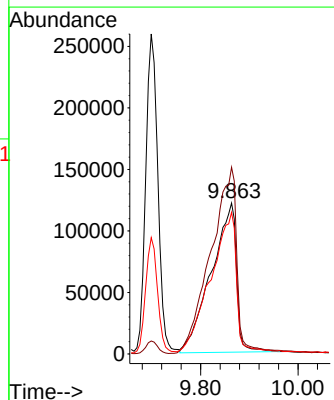
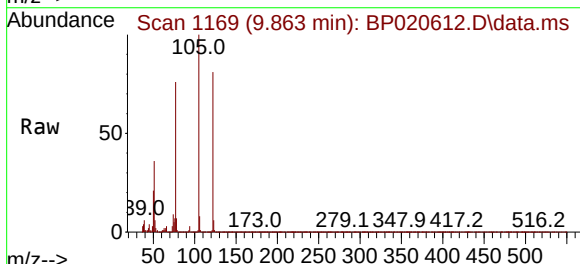
Instrument :
BNA_P
ClientSampleId :
PB161479BS

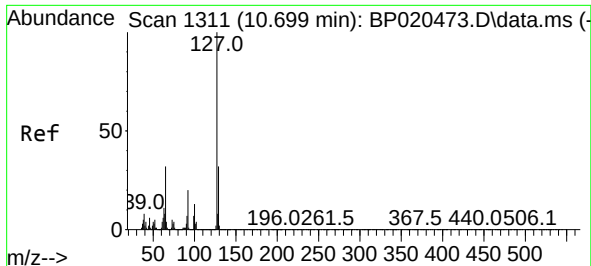
Tgt Ion:128 Resp: 1959636
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 45.809 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.023 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:122 Resp: 436948
Ion Ratio Lower Upper
122 100
105 123.8 107.5 147.5
77 93.9 76.1 116.1

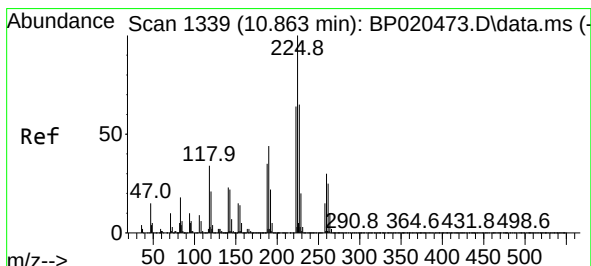
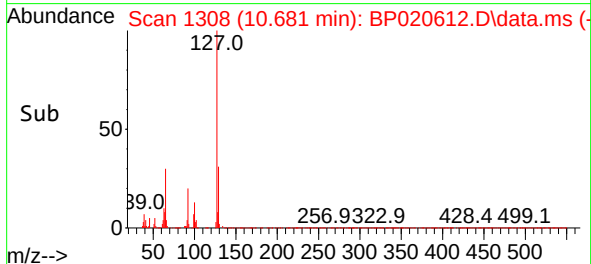
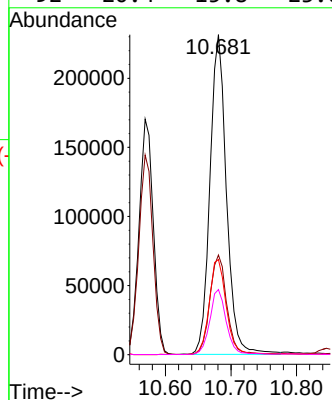
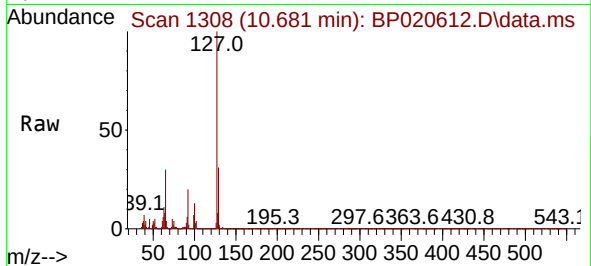




#33
4-Chloroaniline
Concen: 21.718 ng
RT: 10.681 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

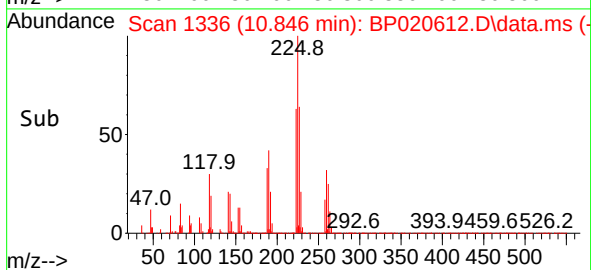
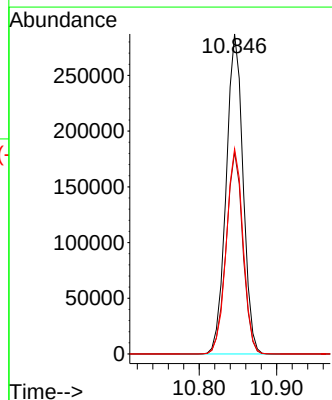
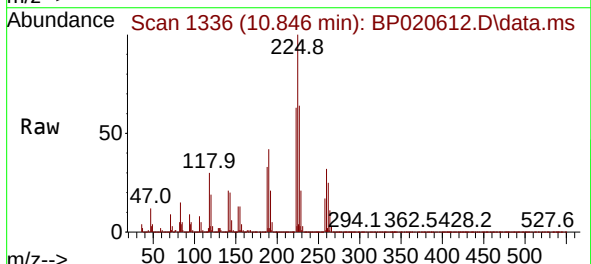
Instrument :
BNA_P
ClientSampleId :
PB161479BS

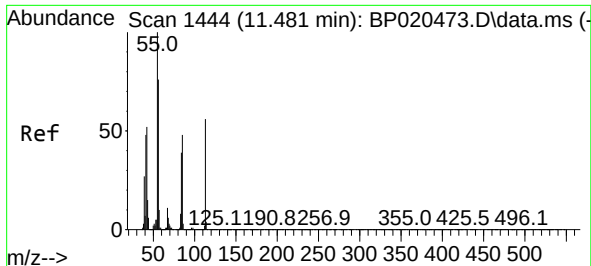
Tgt Ion:	127	Resp:	405375
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.0	39.0
65	29.7	25.4	38.2
92	20.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 42.753 ng
RT: 10.846 min Scan# 1336
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:	225	Resp:	434109
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.3	76.9
227	64.2	51.6	77.4

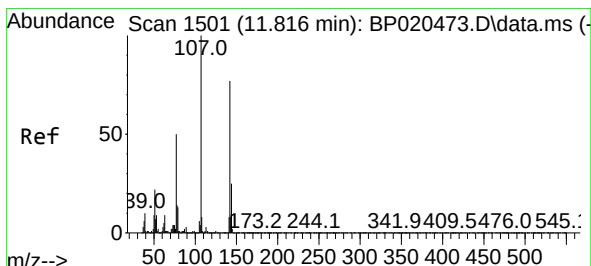
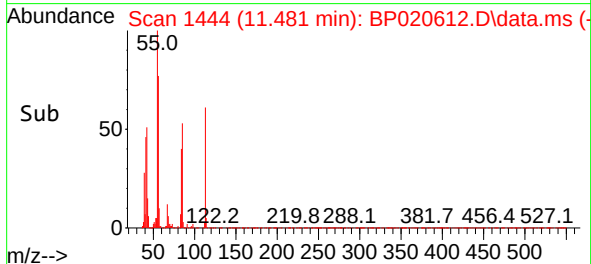
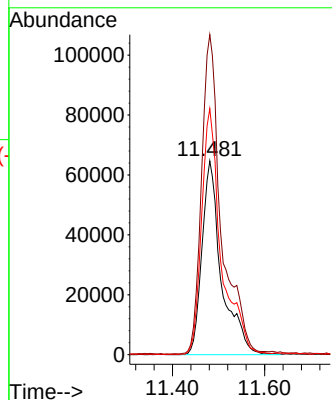
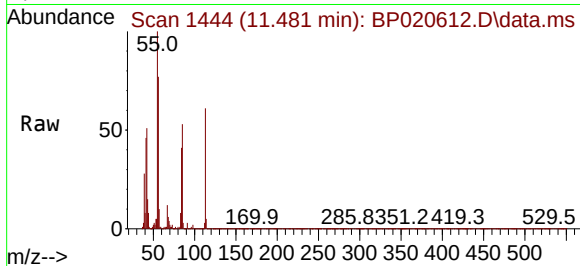




#35
Caprolactam
Concen: 38.471 ng
RT: 11.481 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

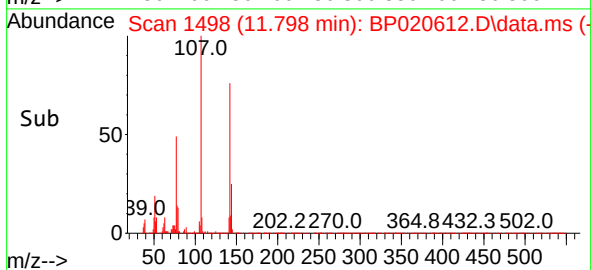
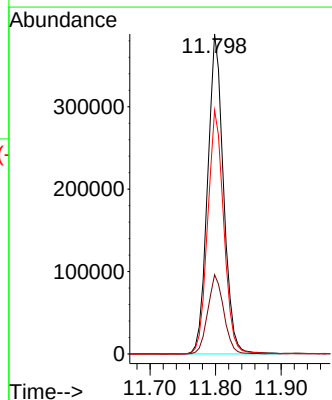
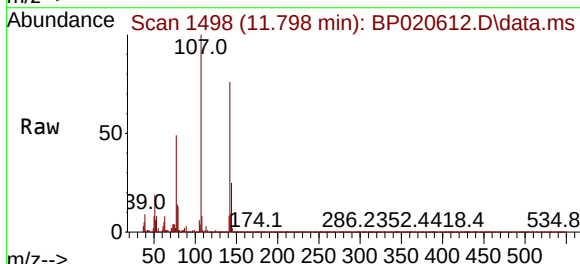
Instrument :
BNA_P
ClientSampleId :
PB161479BS

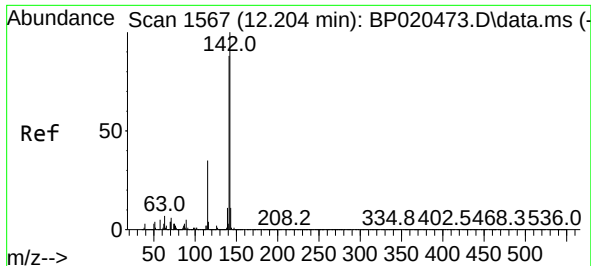
Tgt Ion:113 Resp: 191425
Ion Ratio Lower Upper
113 100
55 165.1 158.7 198.7
56 127.0 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 41.166 ng
RT: 11.798 min Scan# 1498
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:107 Resp: 654424
Ion Ratio Lower Upper
107 100
144 24.8 20.0 30.0
142 76.2 61.4 92.2

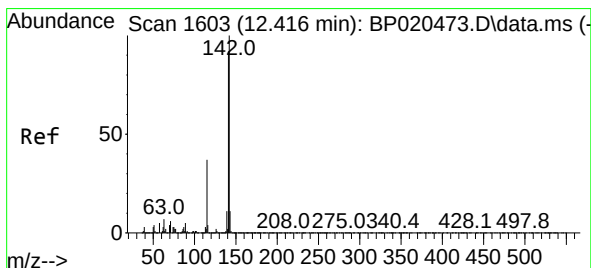
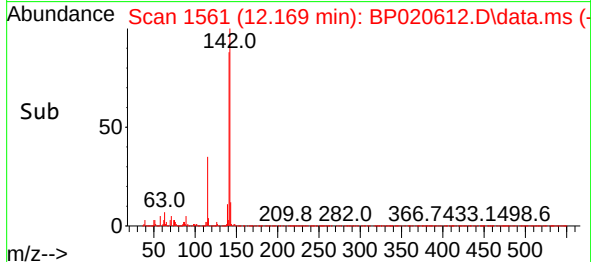
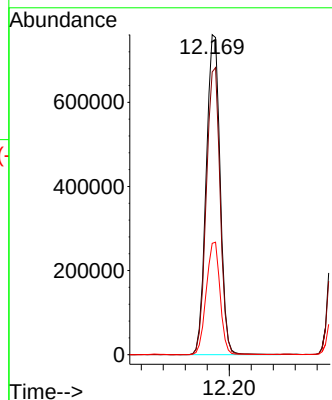
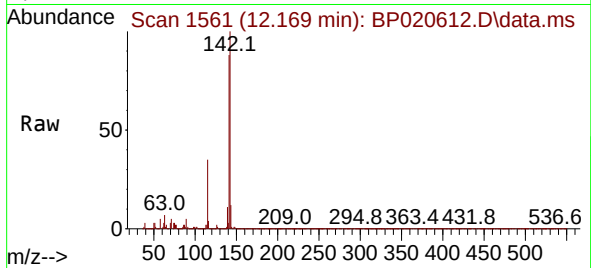




#37
2-Methylnaphthalene
Concen: 38.653 ng
RT: 12.169 min Scan# 1561
Delta R.T. -0.035 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

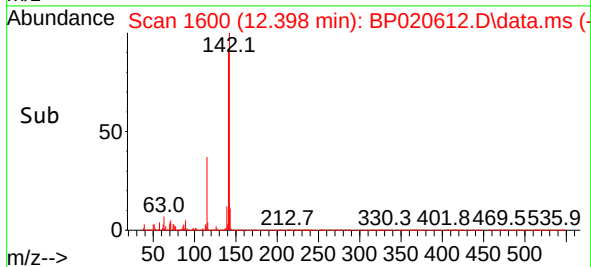
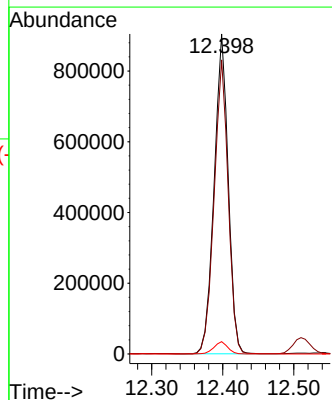
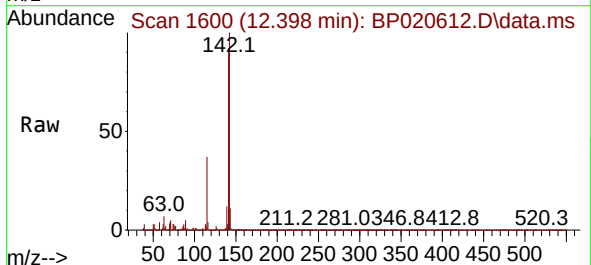
Instrument :
BNA_P
ClientSampleId :
PB161479BS

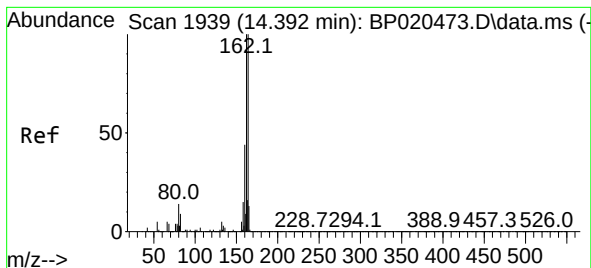
Tgt Ion:142 Resp: 1336393
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 34.8 28.0 42.0



#38
1-Methylnaphthalene
Concen: 36.174 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:142 Resp: 1239805
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.369 min Scan# 1939

Delta R.T. -0.023 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

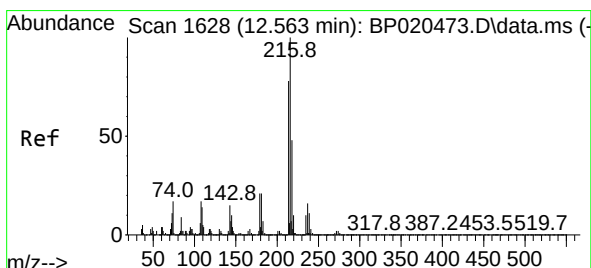
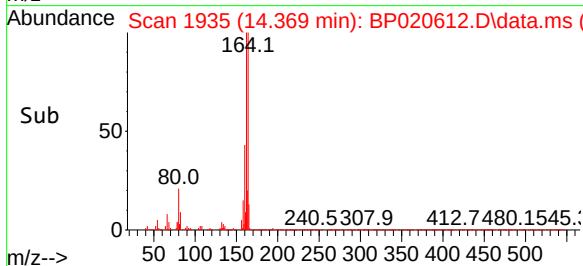
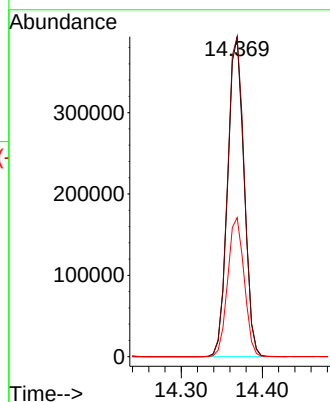
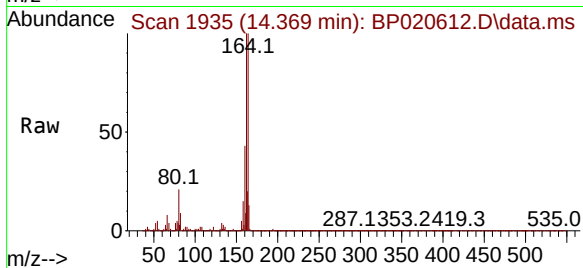
Tgt Ion:164 Resp: 549671

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 43.6 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.923 ng

RT: 12.540 min Scan# 1624

Delta R.T. -0.024 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Tgt Ion:216 Resp: 762158

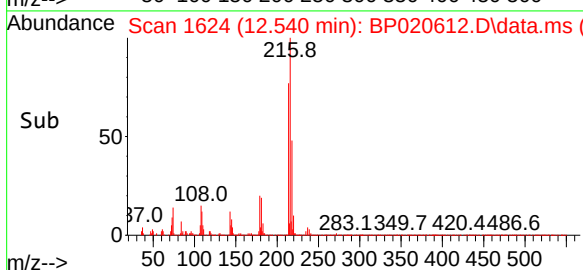
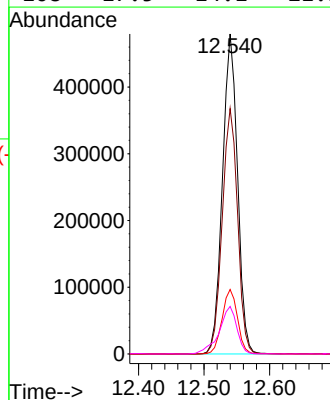
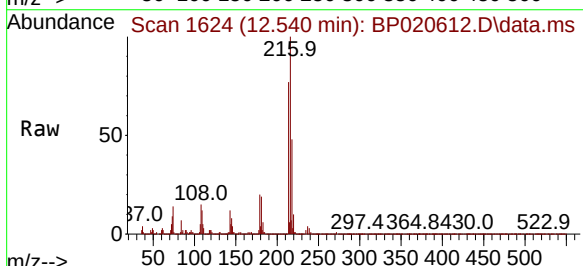
Ion Ratio Lower Upper

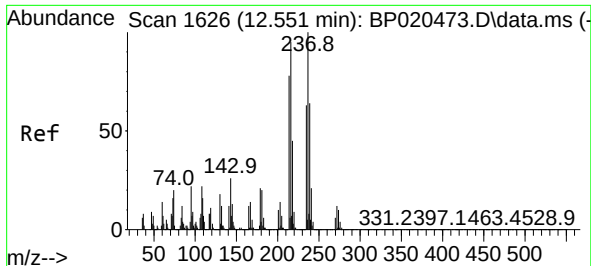
216 100

214 78.2 63.0 94.4

179 20.6 16.9 25.3

108 17.5 14.1 21.1

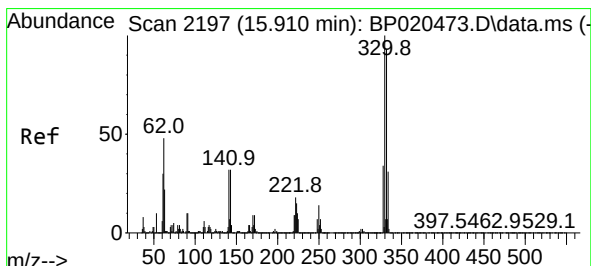
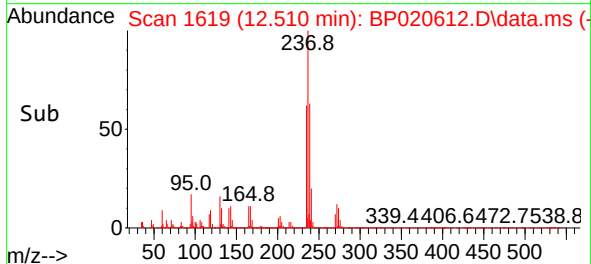
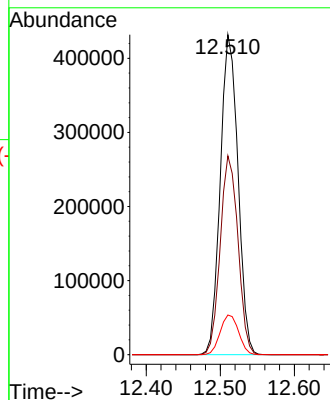
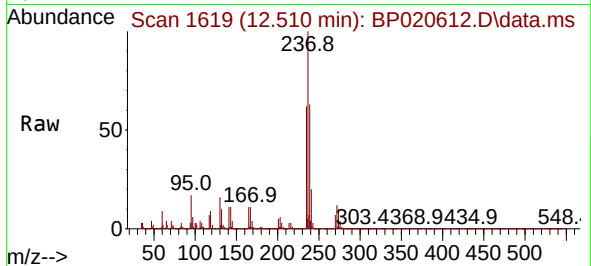




#41
Hexachlorocyclopentadiene
Concen: 127.786 ng
RT: 12.510 min Scan# 1619
Delta R.T. -0.041 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

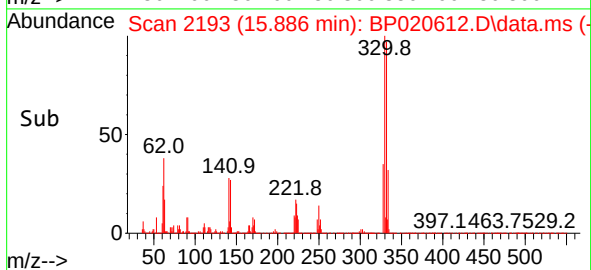
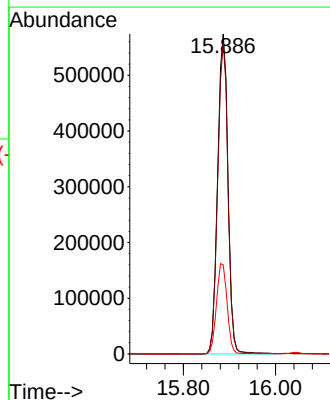
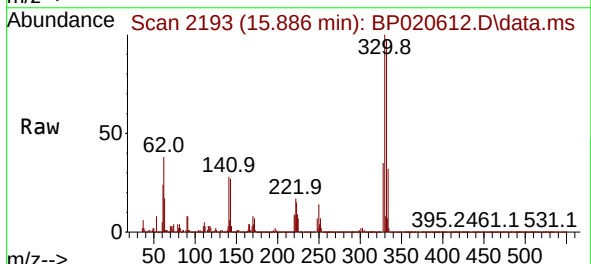
Instrument :
BNA_P
ClientSampleId :
PB161479BS

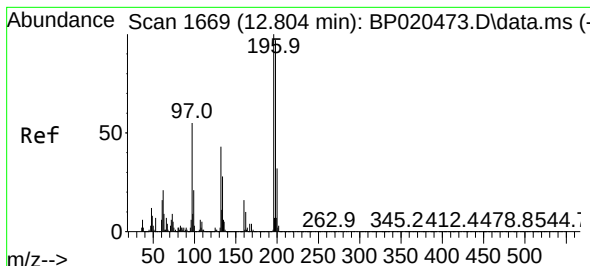
Tgt Ion:237 Resp: 714240
Ion Ratio Lower Upper
237 100
235 62.2 43.1 83.1
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 156.334 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:330 Resp: 891810
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 29.3 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 50.676 ng

RT: 12.787 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

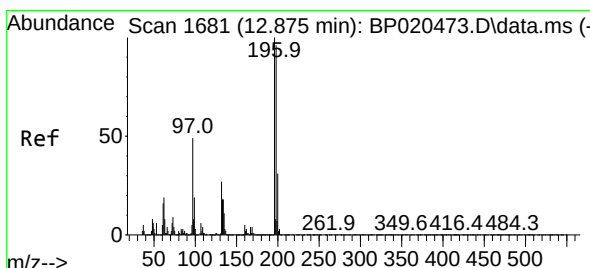
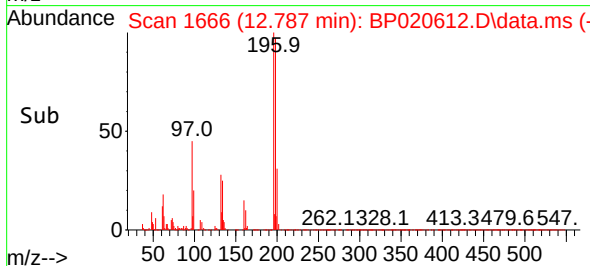
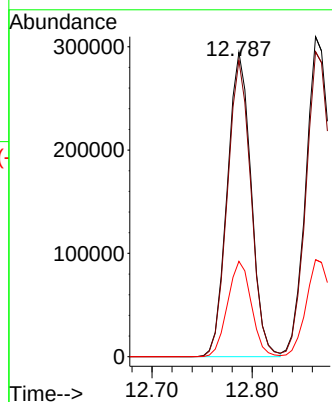
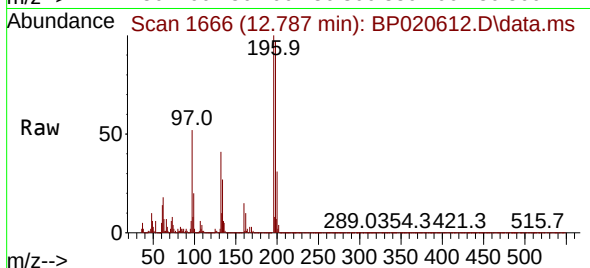
Tgt Ion:196 Resp: 487163

Ion Ratio Lower Upper

196 100

198 97.4 77.9 116.9

200 31.4 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 47.709 ng

RT: 12.863 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Tgt Ion:196 Resp: 529132

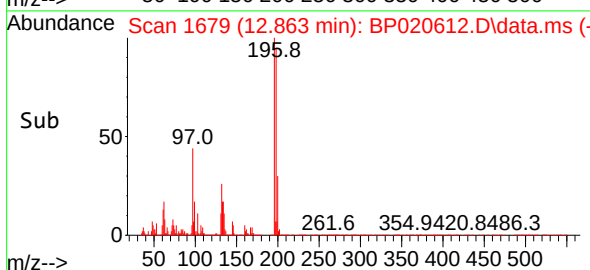
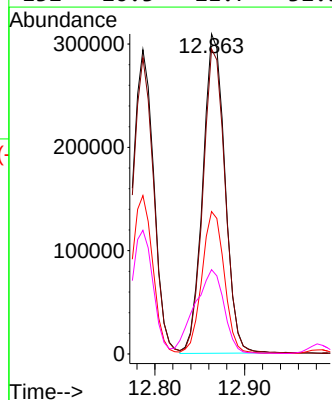
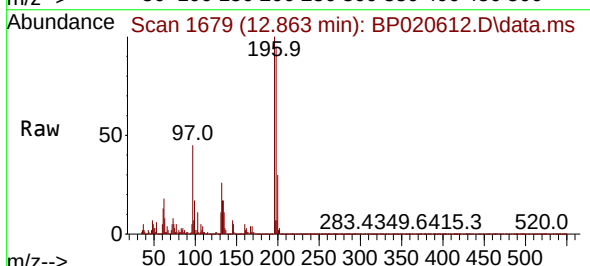
Ion Ratio Lower Upper

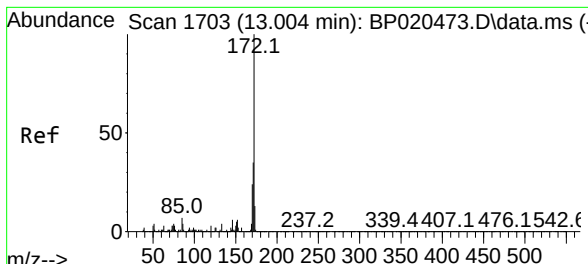
196 100

198 95.3 77.0 115.4

97 44.5 38.9 58.3

132 26.3 21.7 32.5

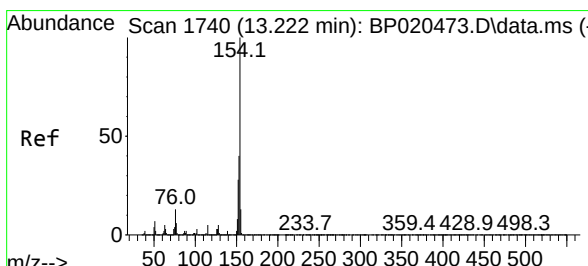
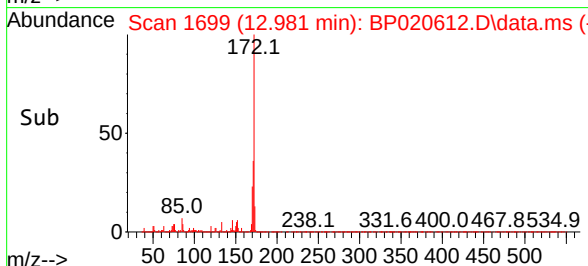
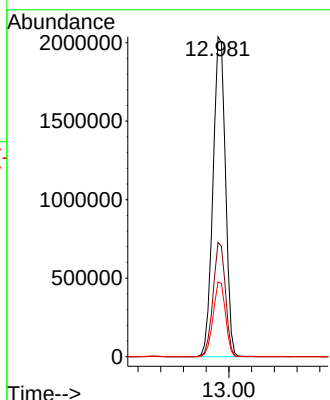
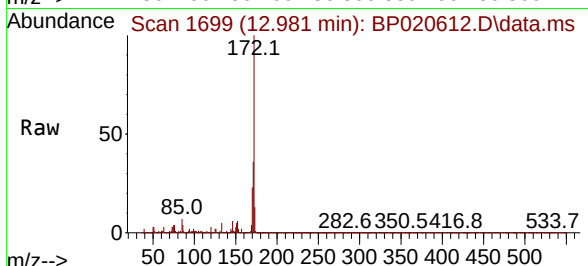




#45
2-Fluorobiphenyl
Concen: 84.012 ng
RT: 12.981 min Scan# 1703
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

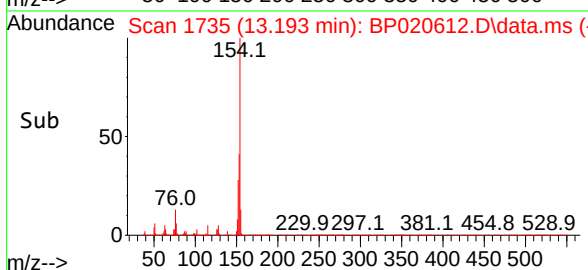
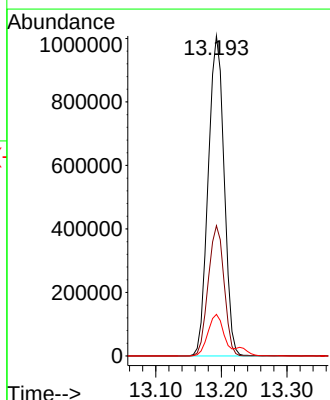
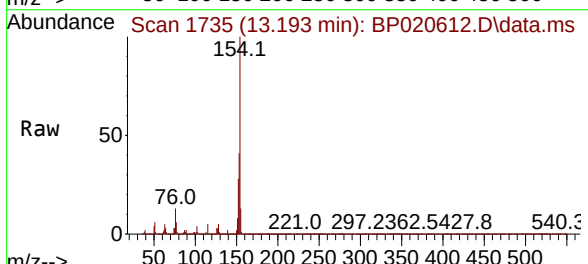
Instrument :
BNA_P
ClientSampleId :
PB161479BS

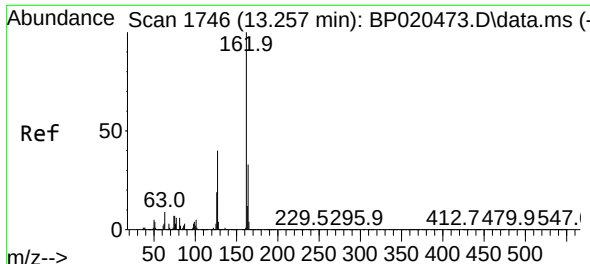
Tgt Ion:172 Resp: 3097757
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 43.701 ng
RT: 13.193 min Scan# 1735
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:154 Resp: 1695253
Ion Ratio Lower Upper
154 100
153 40.7 19.9 59.9
76 13.0 0.0 33.2

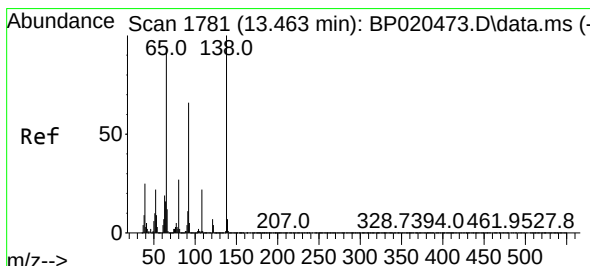
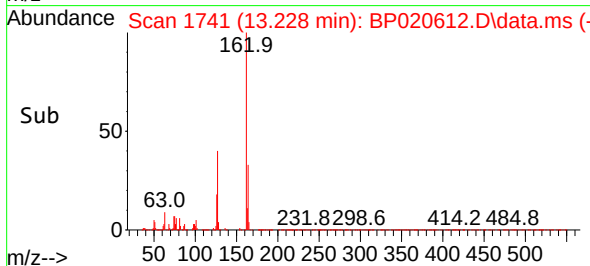
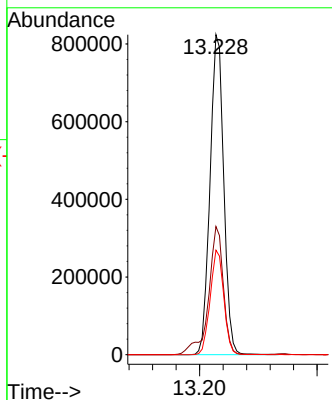
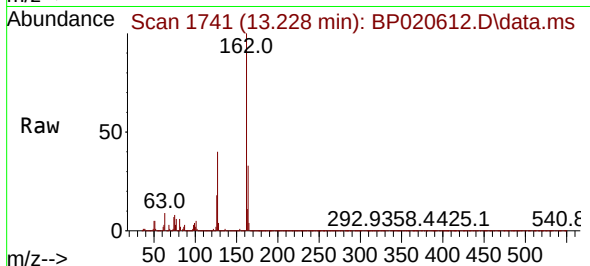




#47
2-Chloronaphthalene
Concen: 43.240 ng
RT: 13.228 min Scan# 1741
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

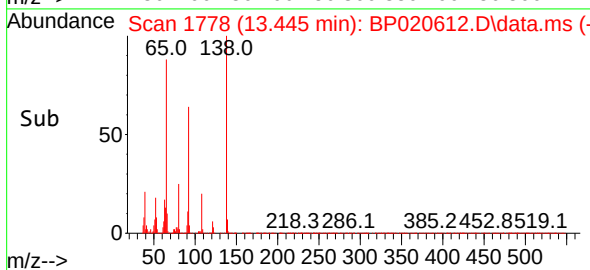
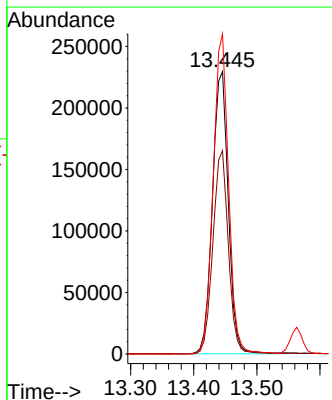
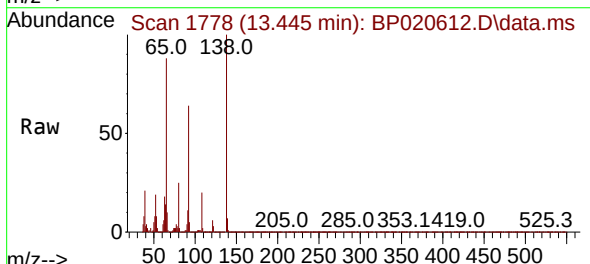
Instrument :
BNA_P
ClientSampleId :
PB161479BS

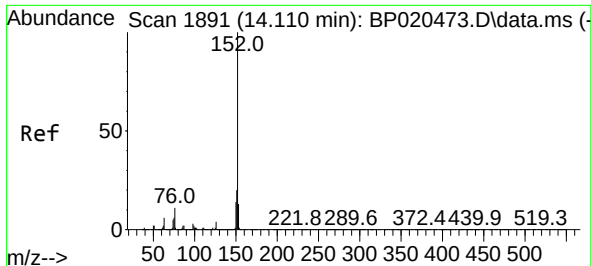
Tgt Ion:162 Resp: 1333462
Ion Ratio Lower Upper
162 100
127 40.0 32.2 48.2
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 47.727 ng
RT: 13.445 min Scan# 1778
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion: 65 Resp: 398822
Ion Ratio Lower Upper
65 100
92 72.0 55.8 83.8
138 113.3 85.2 127.8

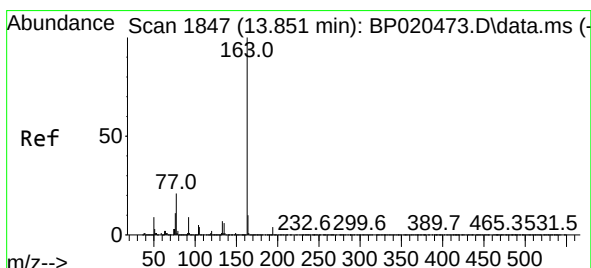
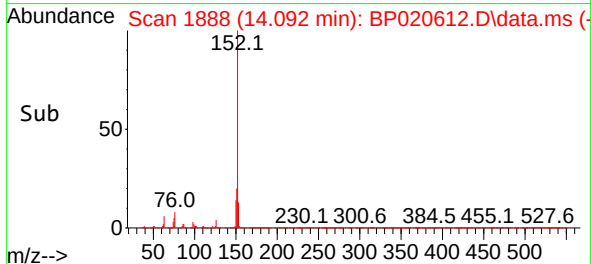
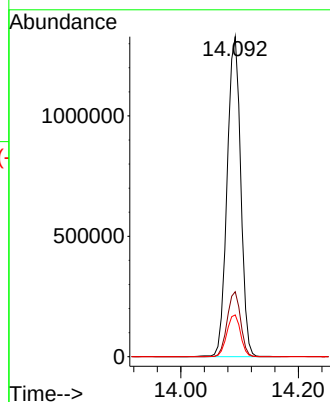
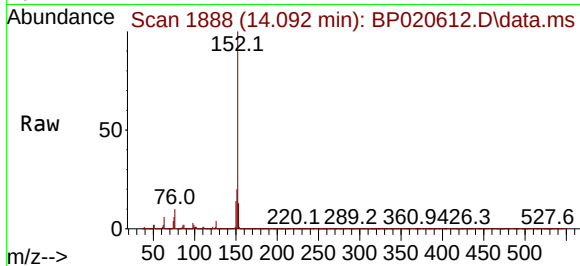




#49
Acenaphthylene
Concen: 46.364 ng
RT: 14.092 min Scan# 1888
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

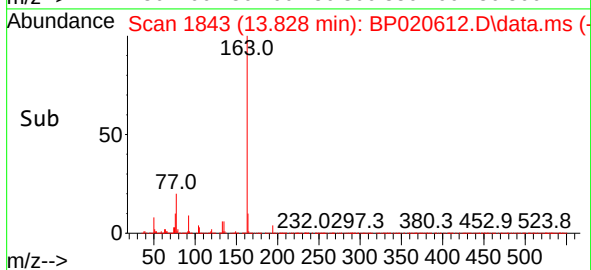
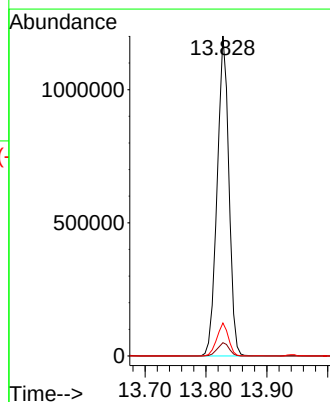
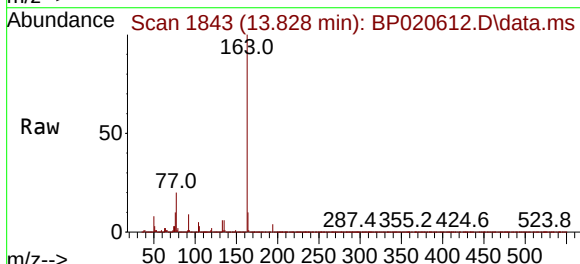
Instrument :
BNA_P
ClientSampleId :
PB161479BS

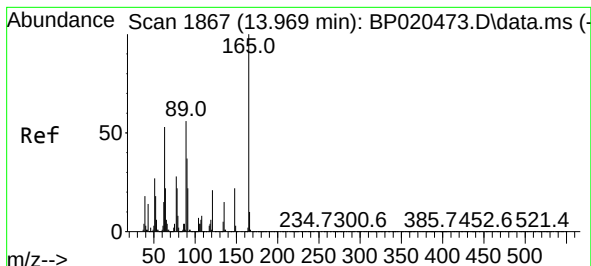
Tgt Ion:152 Resp: 2121594
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 41.356 ng
RT: 13.828 min Scan# 1843
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:163 Resp: 1602385
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.3 12.5

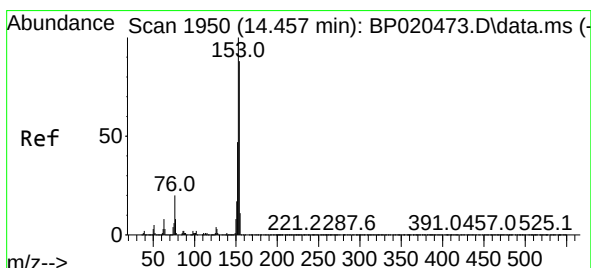
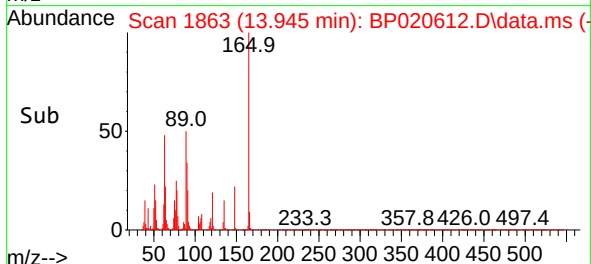
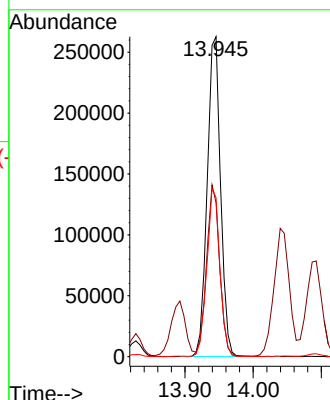
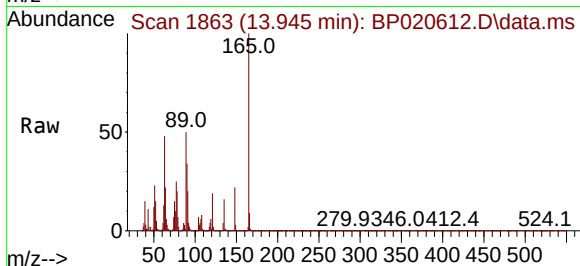




#51
2,6-Dinitrotoluene
Concen: 43.231 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

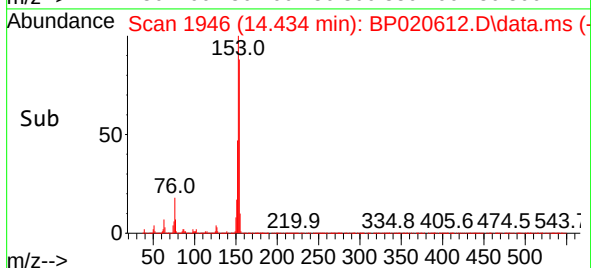
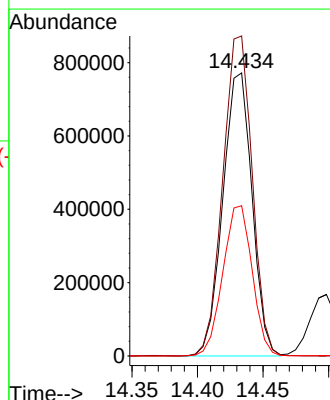
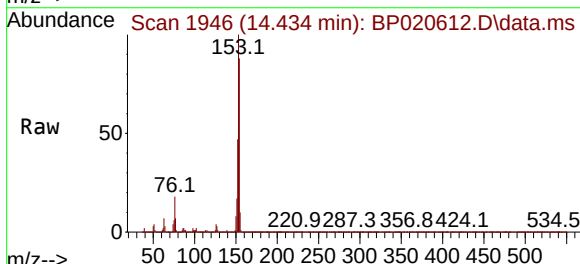
Instrument :
BNA_P
ClientSampleId :
PB161479BS

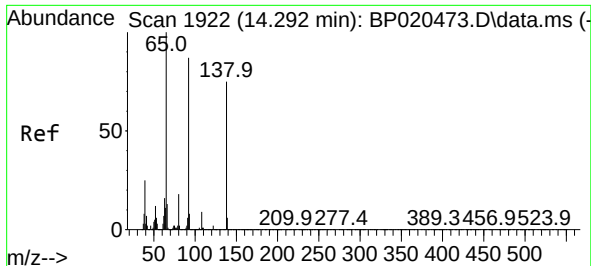
Tgt Ion:165 Resp: 358032
Ion Ratio Lower Upper
165 100
63 48.1 45.6 68.4
89 49.7 44.9 67.3



#52
Acenaphthene
Concen: 41.385 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:154 Resp: 1194549
Ion Ratio Lower Upper
154 100
153 113.1 90.6 136.0
152 53.1 42.6 63.8

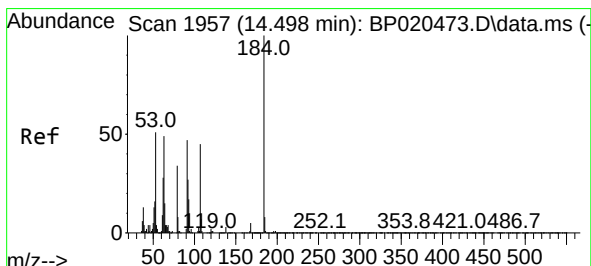
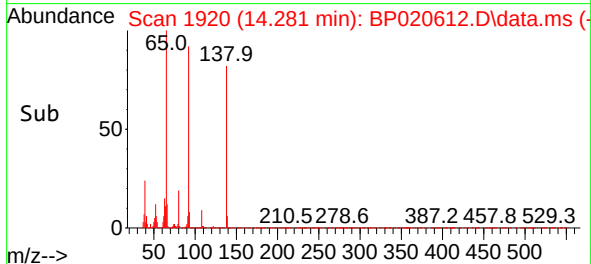
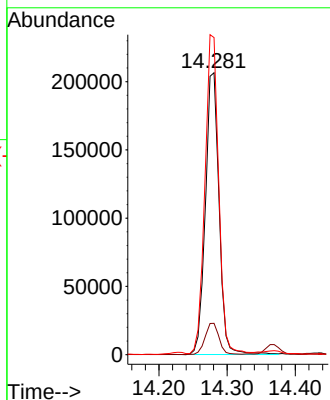
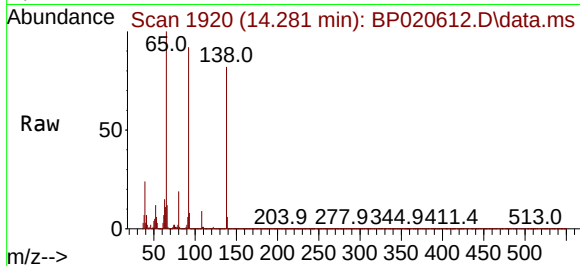




#53
3-Nitroaniline
Concen: 34.838 ng
RT: 14.281 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

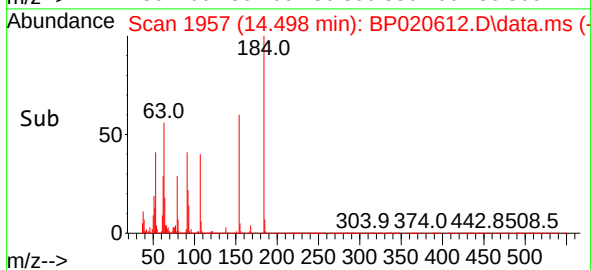
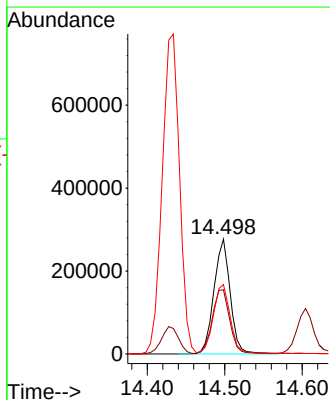
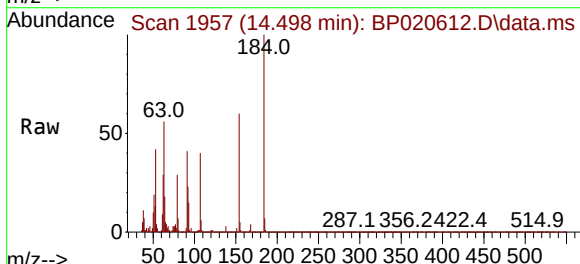
Instrument :
BNA_P
ClientSampleId :
PB161479BS

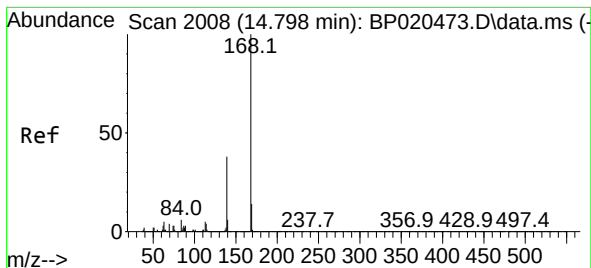
Tgt Ion:138 Resp: 289407
Ion Ratio Lower Upper
138 100
108 11.1 9.8 14.6
92 112.5 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 100.170 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:184 Resp: 406380
Ion Ratio Lower Upper
184 100
63 55.9 54.2 81.4
154 60.4 51.0 76.6

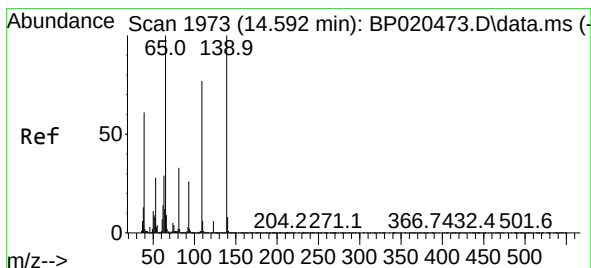
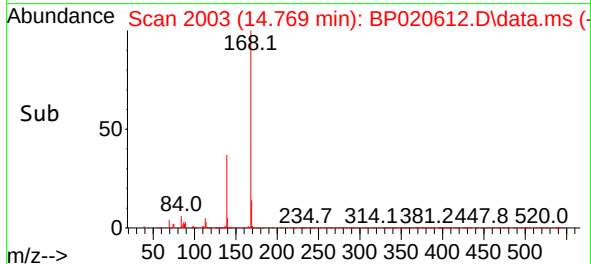
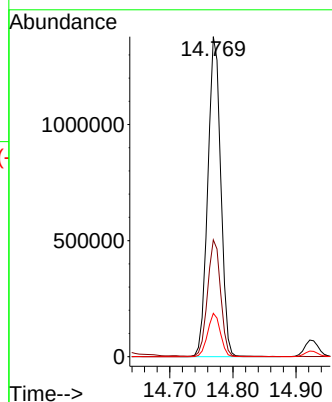
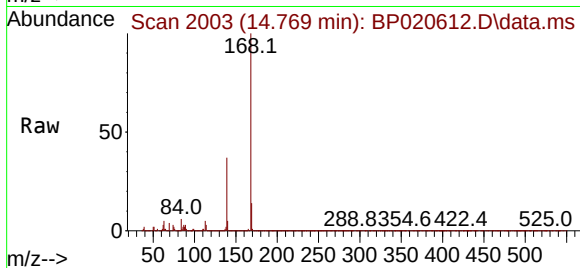




#55
Dibenzenofuran
Concen: 43.057 ng
RT: 14.769 min Scan# 2008
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

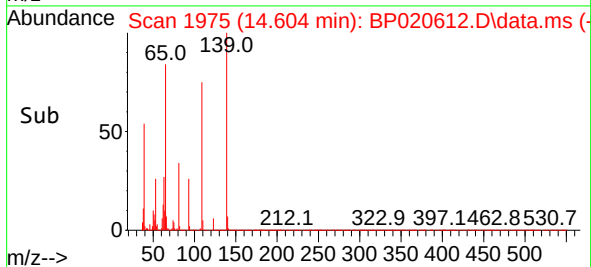
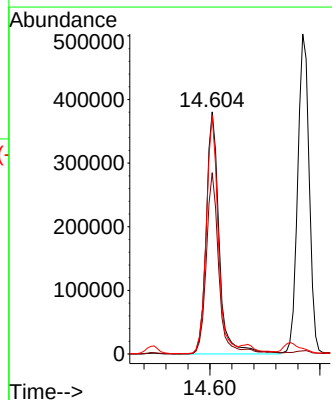
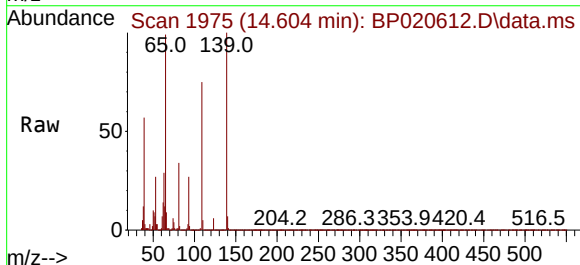
Instrument :
BNA_P
ClientSampleId :
PB161479BS

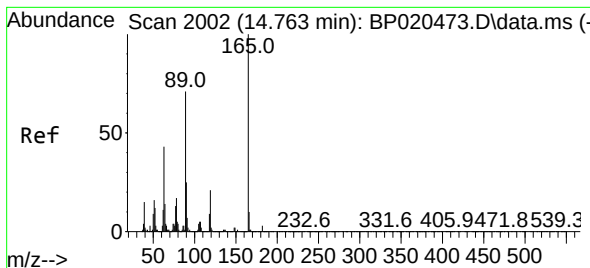
Tgt Ion:168 Resp: 1968750
Ion Ratio Lower Upper
168 100
139 36.5 30.4 45.6
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 96.178 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.012 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:139 Resp: 618043
Ion Ratio Lower Upper
139 100
109 74.9 57.4 97.4
65 98.6 80.4 120.4

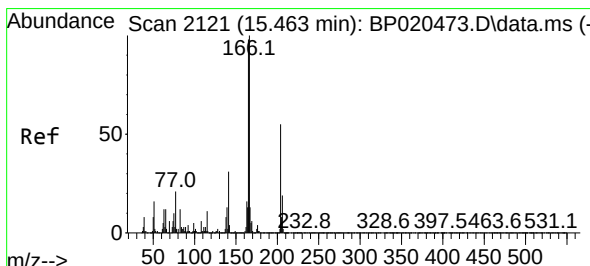
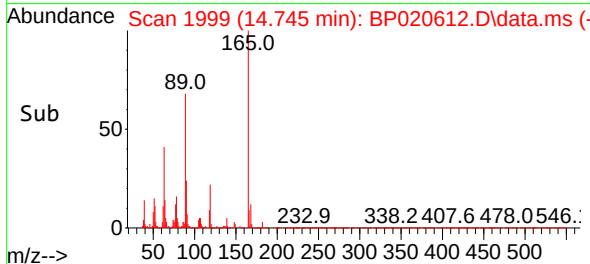
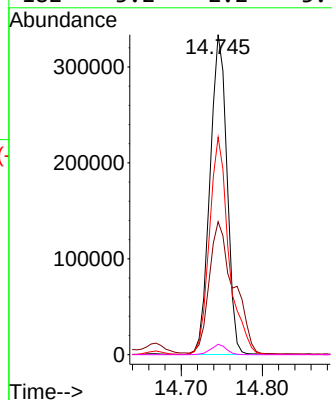
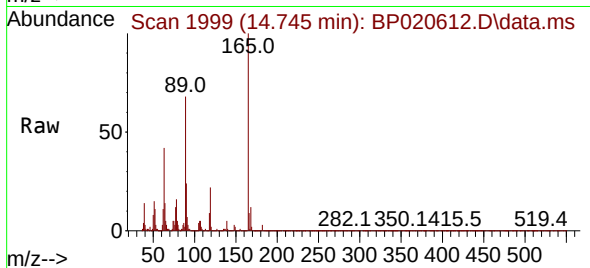




#57
2,4-Dinitrotoluene
Concen: 44.492 ng
RT: 14.745 min Scan# 1999
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

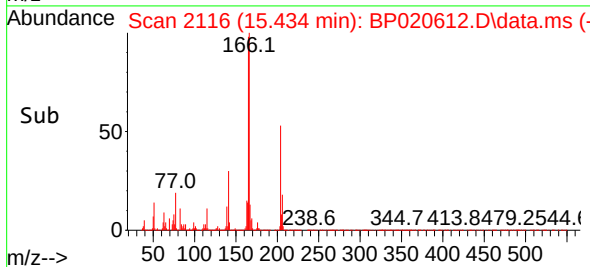
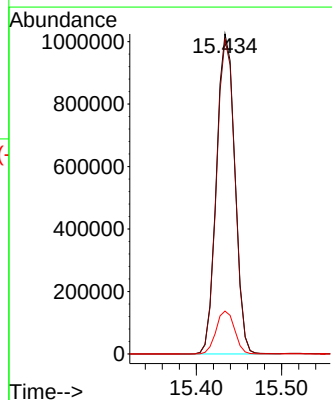
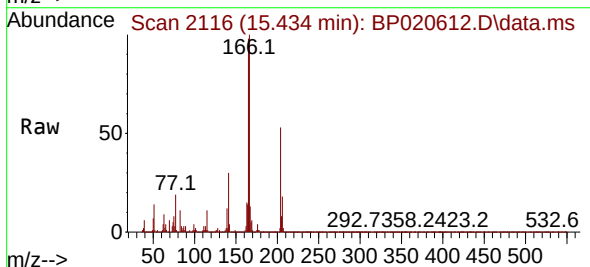
Instrument :
BNA_P
ClientSampleId :
PB161479BS

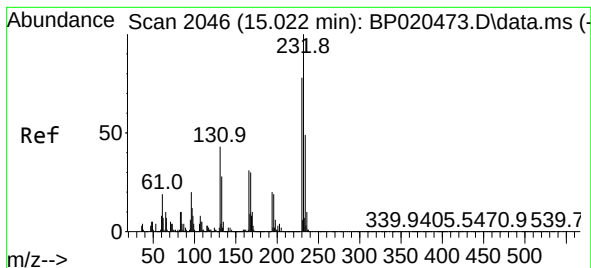
Tgt Ion:165 Resp: 484241
Ion Ratio Lower Upper
165 100
63 41.5 34.9 52.3
89 68.0 56.6 85.0
182 3.2 2.2 3.4



#58
Fluorene
Concen: 41.864 ng
RT: 15.434 min Scan# 2116
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:166 Resp: 1536696
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.4
167 13.4 10.7 16.1



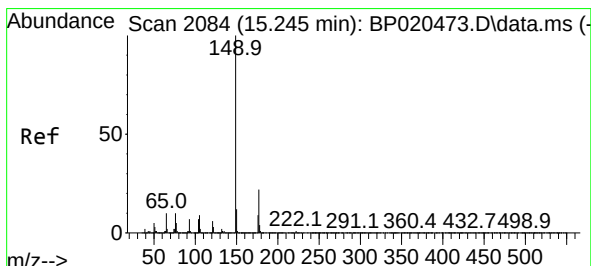
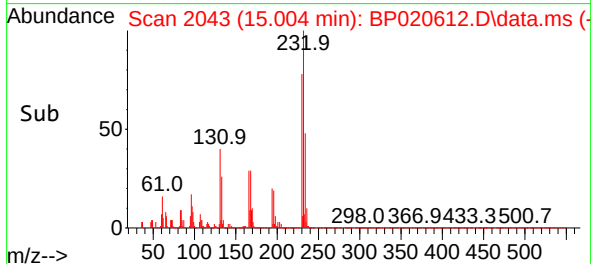
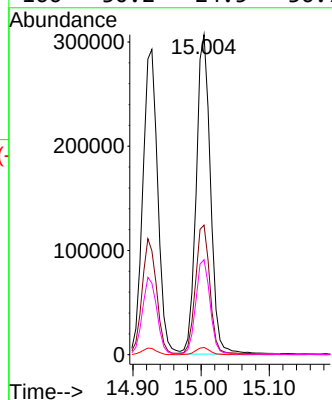
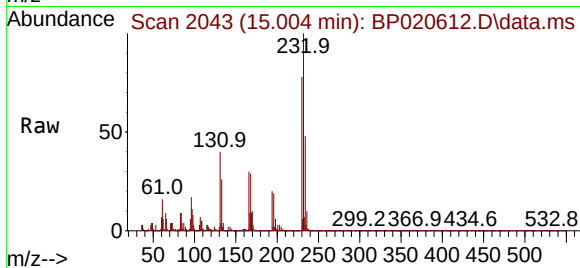


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.002 ng
RT: 15.004 min Scan# 2043
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Instrument :
BNA_P
ClientSampleId :
PB161479BS

Tgt Ion:232 Resp: 444750

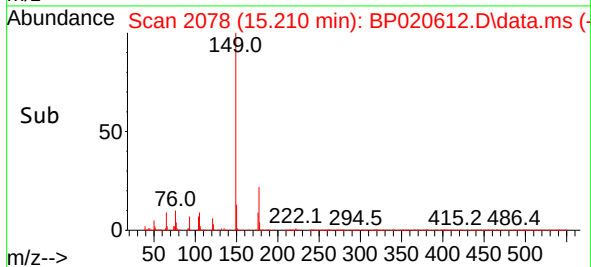
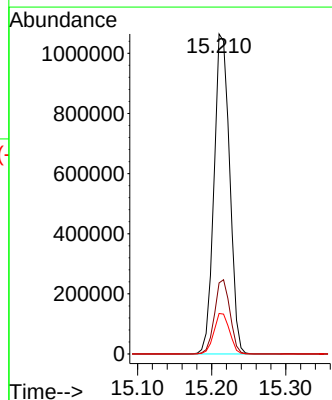
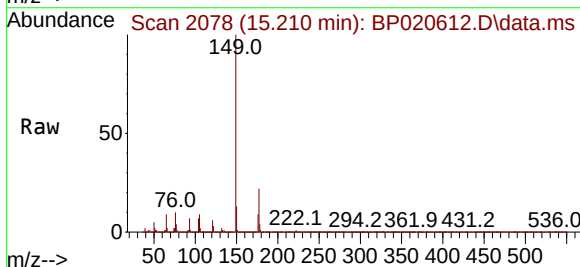
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.8	52.2
130	2.3	1.9	2.9
166	30.2	24.5	36.7

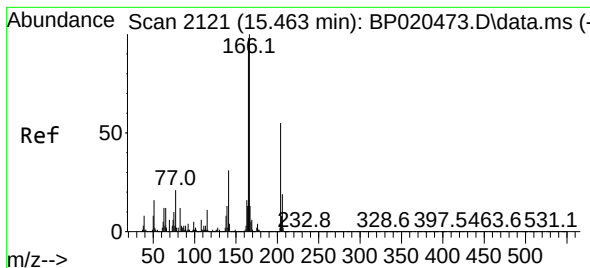


#60
Diethylphthalate
Concen: 39.534 ng
RT: 15.210 min Scan# 2078
Delta R.T. -0.035 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:149 Resp: 1557097

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.8
150	12.7	9.8	14.8

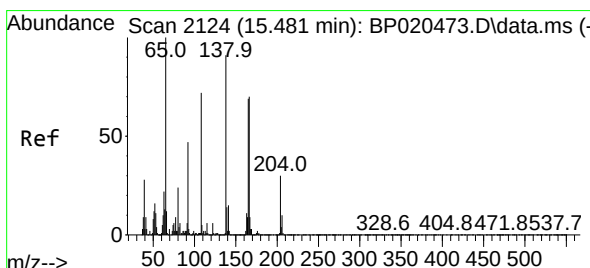
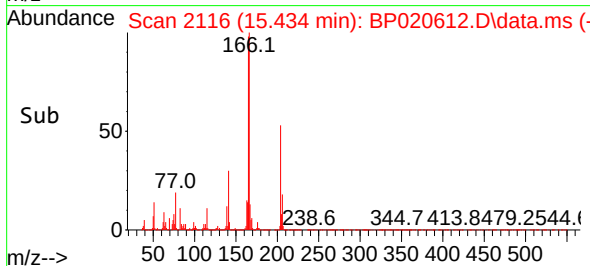
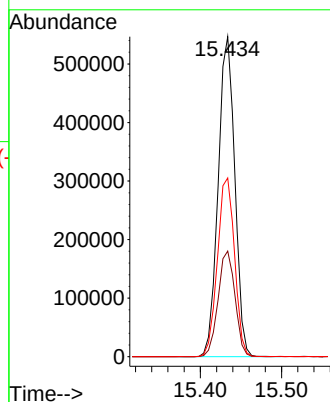
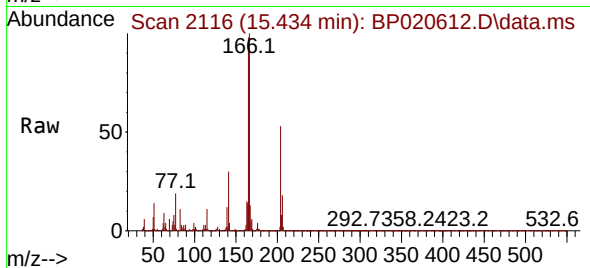




#61
4-Chlorophenyl-phenylether
Concen: 41.152 ng
RT: 15.434 min Scan# 2116
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

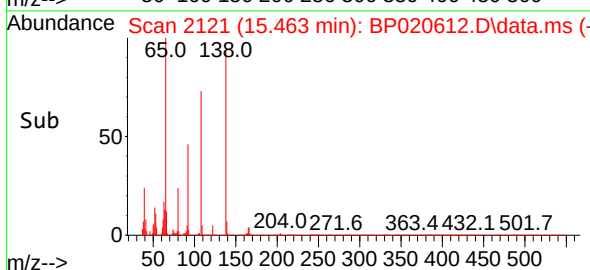
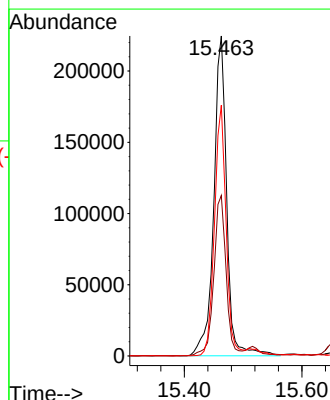
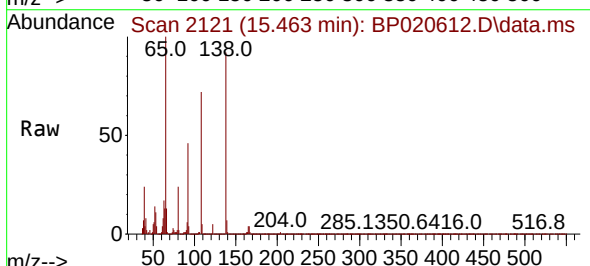
Instrument :
BNA_P
ClientSampleId :
PB161479BS

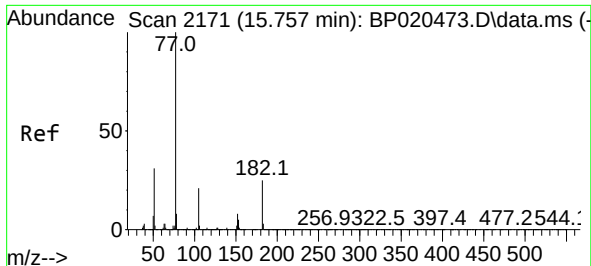
Tgt Ion:204 Resp: 779507
Ion Ratio Lower Upper
204 100
206 33.0 27.0 40.4
141 55.9 45.0 67.6



#62
4-Nitroaniline
Concen: 40.129 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:138 Resp: 343395
Ion Ratio Lower Upper
138 100
92 50.2 31.7 71.7
108 78.4 59.9 99.9



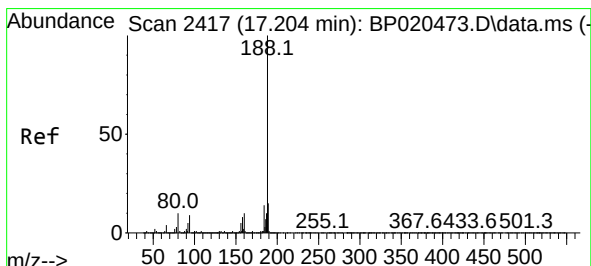
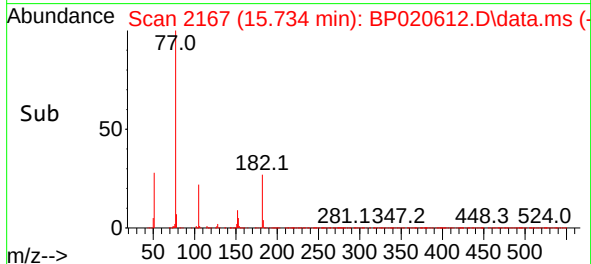
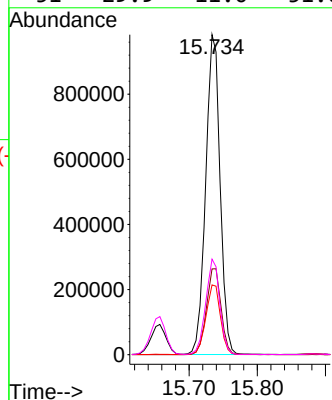
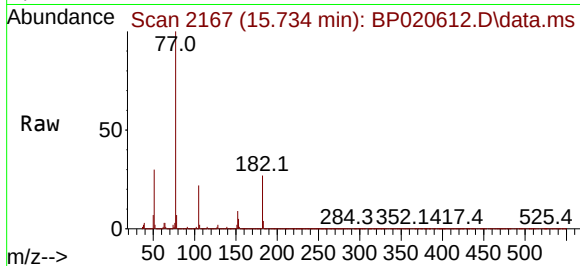


#63
Azobenzene
Concen: 39.184 ng
RT: 15.734 min Scan# 2171
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Instrument :
BNA_P
ClientSampleId :
PB161479BS

Tgt Ion: 77 Resp: 1441076

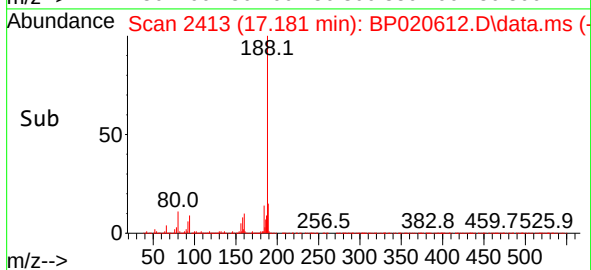
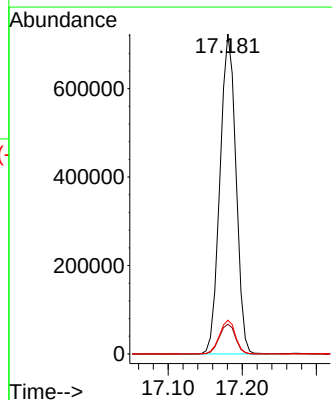
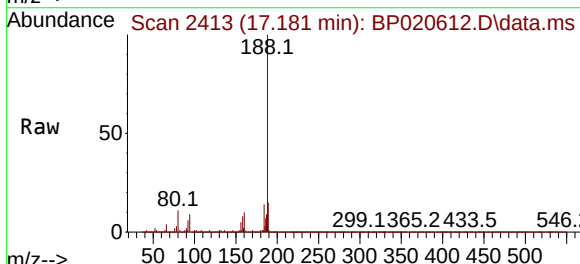
Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.6	44.6
105	21.8	1.2	41.2
51	29.9	11.0	51.0

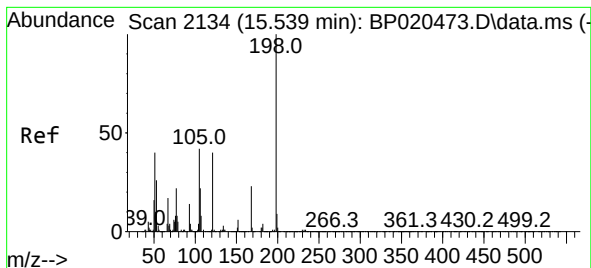


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:188 Resp: 1084189

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.6	8.1	12.1

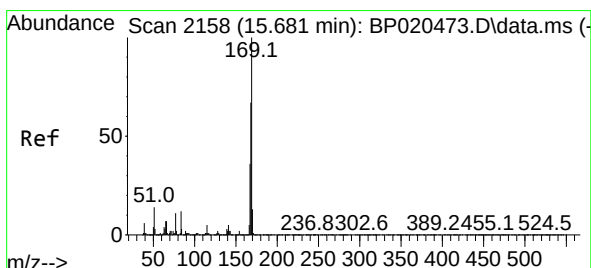
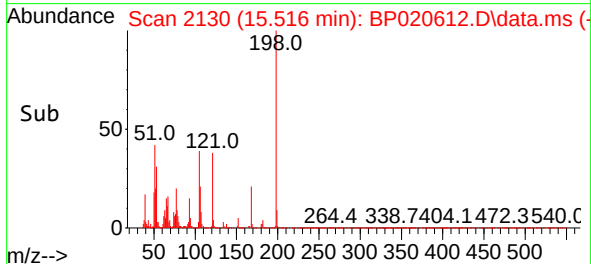
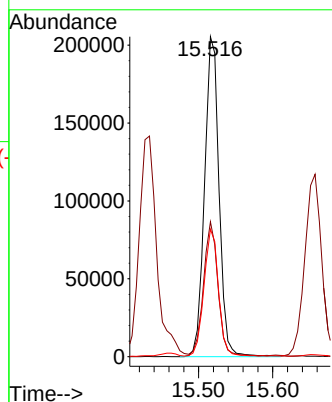
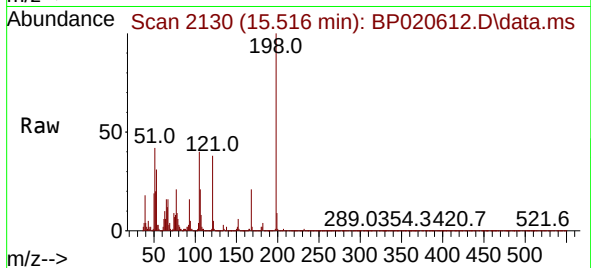




#65
4,6-Dinitro-2-methylphenol
Concen: 56.406 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.023 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

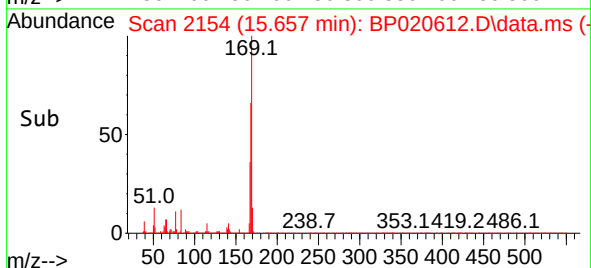
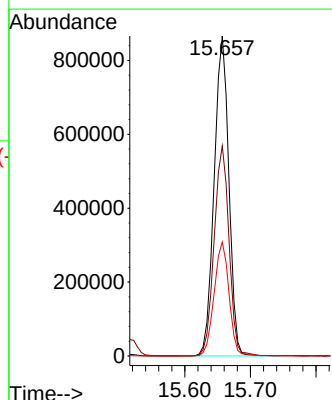
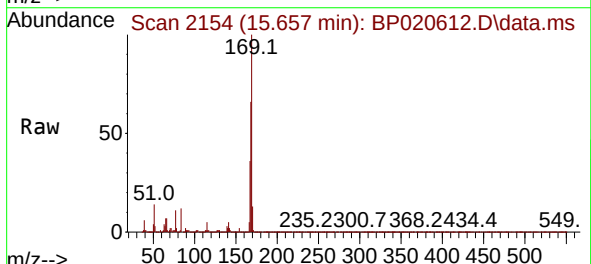
Instrument :
BNA_P
ClientSampleId :
PB161479BS

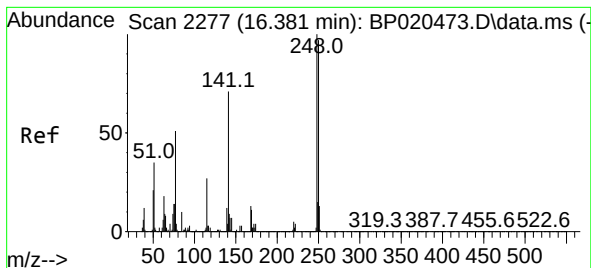
Tgt Ion:198 Resp: 278791
Ion Ratio Lower Upper
198 100
51 42.1 24.8 64.8
105 39.8 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 45.055 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:169 Resp: 1342989
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.0
167 35.6 28.7 43.1

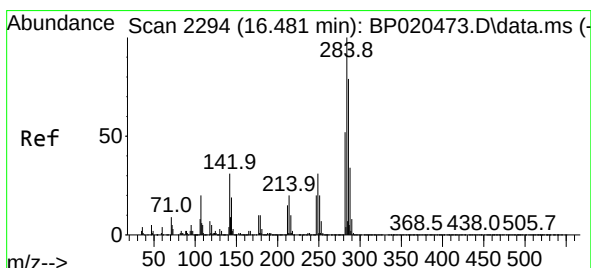
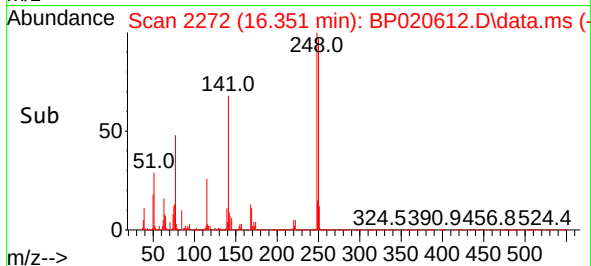
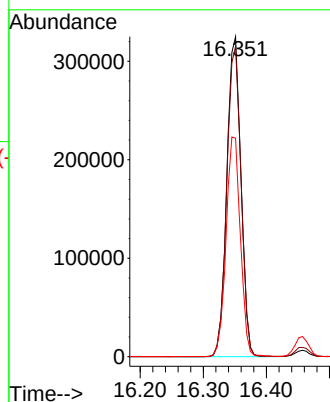
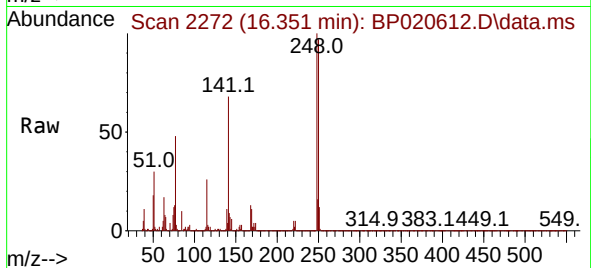




#67
4-Bromophenyl-phenylether
Concen: 45.497 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

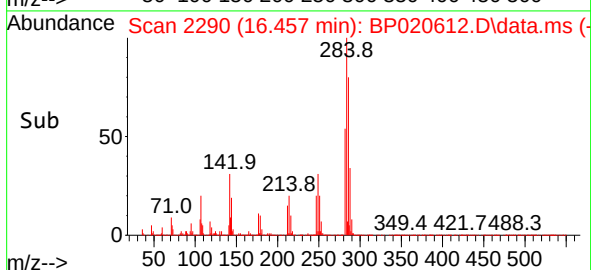
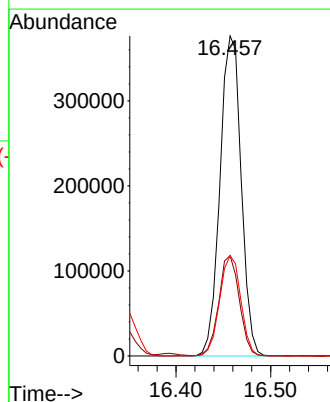
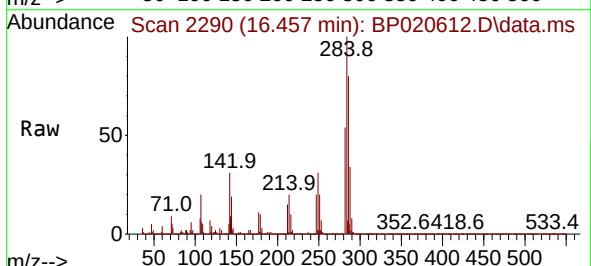
Instrument :
BNA_P
ClientSampleId :
PB161479BS

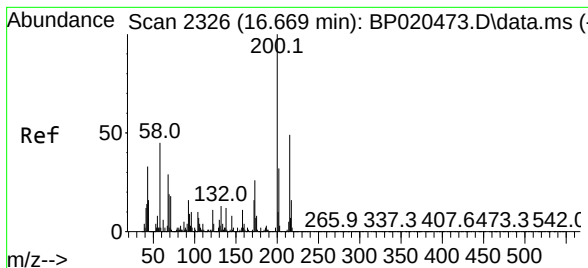
Tgt Ion:248 Resp: 504652
Ion Ratio Lower Upper
248 100
250 96.9 77.4 116.0
141 68.3 56.5 84.7



#68
Hexachlorobenzene
Concen: 44.864 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:284 Resp: 585669
Ion Ratio Lower Upper
284 100
142 31.3 24.5 36.7
249 31.4 25.3 37.9





#69

Atrazine

Concen: 44.822 ng

RT: 16.634 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

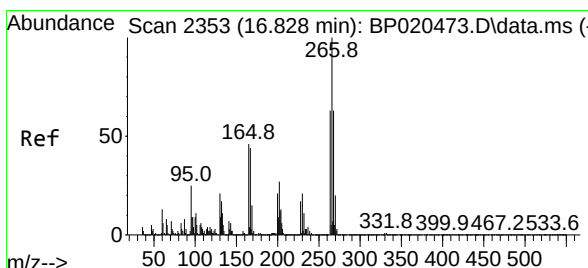
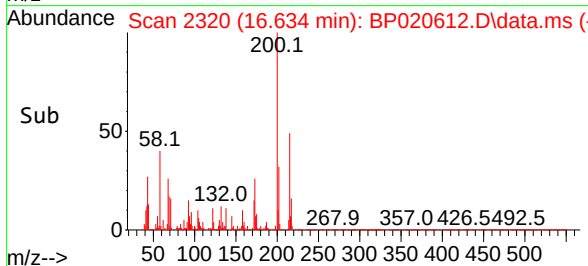
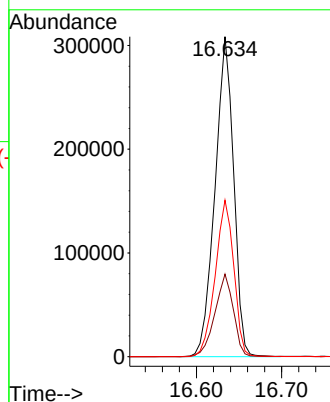
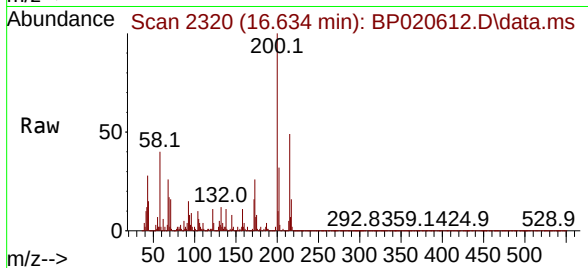
Tgt Ion:200 Resp: 470037

Ion Ratio Lower Upper

200 100

173 25.8 6.1 46.1

215 48.9 28.7 68.7



#70

Pentachlorophenol

Concen: 95.121 ng

RT: 16.816 min Scan# 2351

Delta R.T. -0.012 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

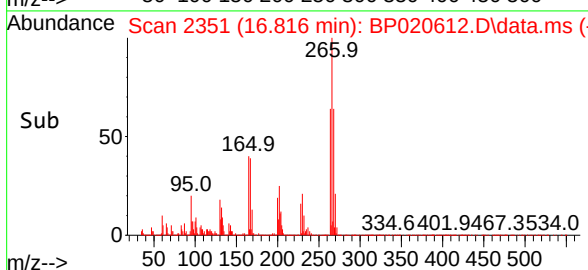
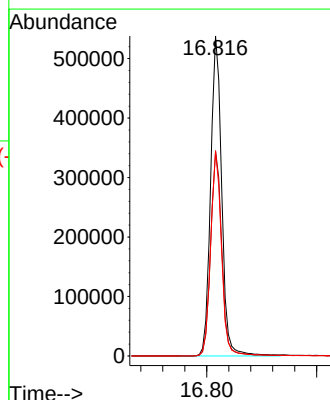
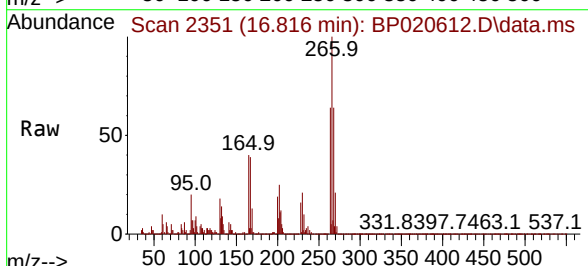
Tgt Ion:266 Resp: 754161

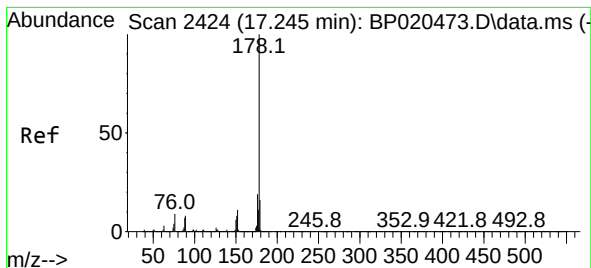
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

264 63.9 50.6 76.0





#71

Phenanthrene

Concen: 44.013 ng

RT: 17.222 min Scan# 2420

Delta R.T. -0.024 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

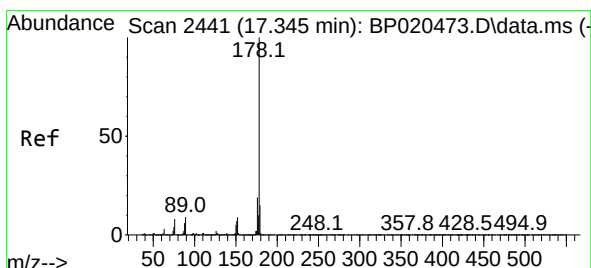
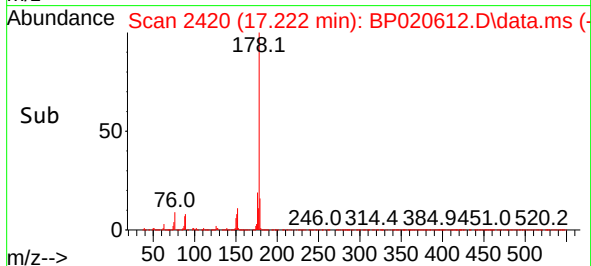
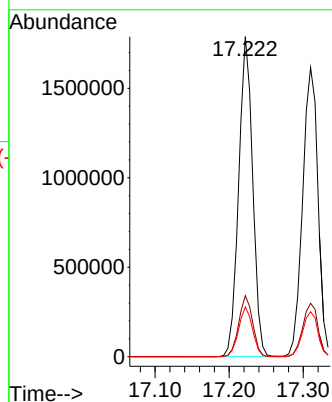
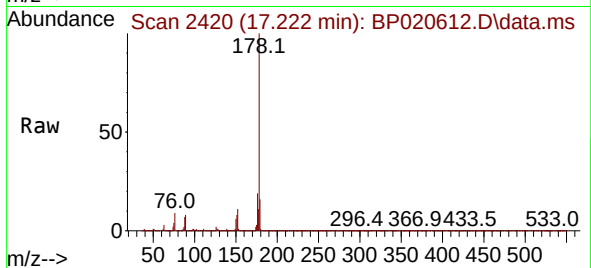
Tgt Ion:178 Resp: 2345719

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.5 18.7



#72

Anthracene

Concen: 44.590 ng

RT: 17.310 min Scan# 2435

Delta R.T. -0.035 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

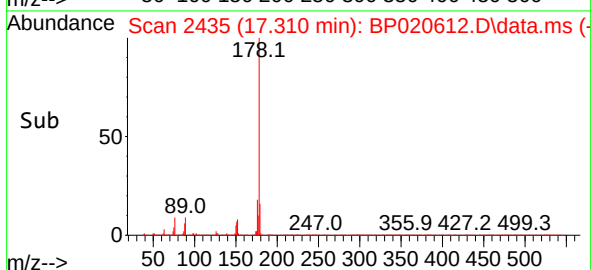
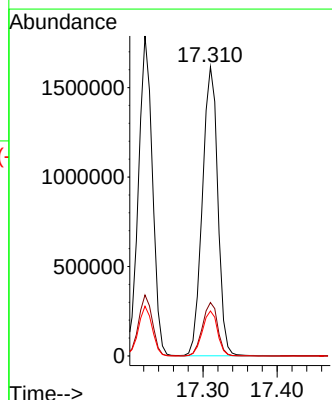
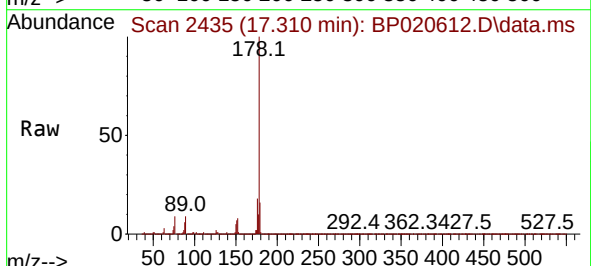
Tgt Ion:178 Resp: 2331932

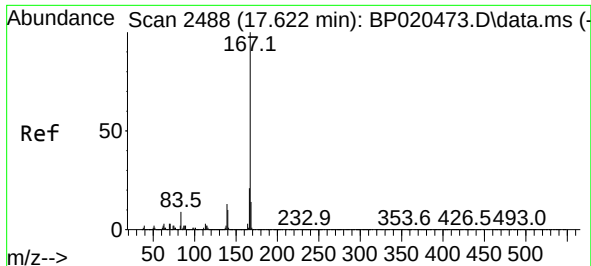
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.5 12.2 18.4

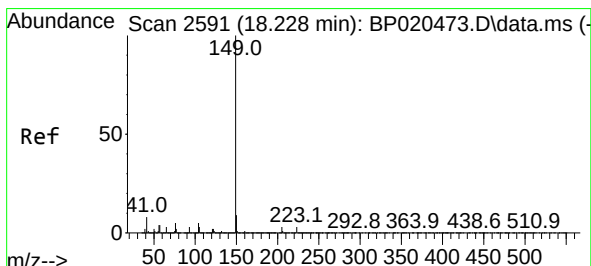
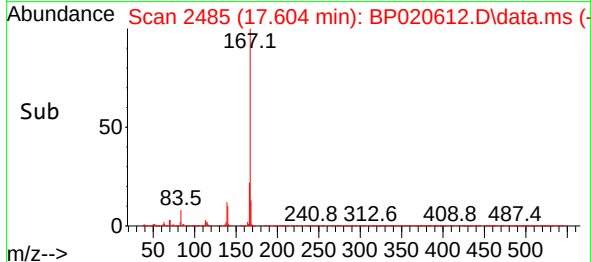
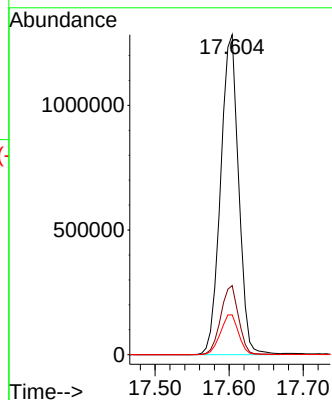
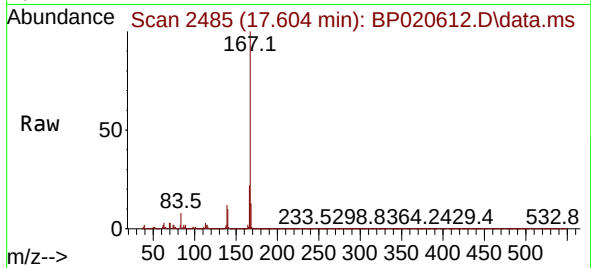




#73
 Carbazole
 Concen: 42.857 ng
 RT: 17.604 min Scan# 2485
 Delta R.T. -0.018 min
 Lab File: BP020612.D
 Acq: 13 Jun 2024 14:58

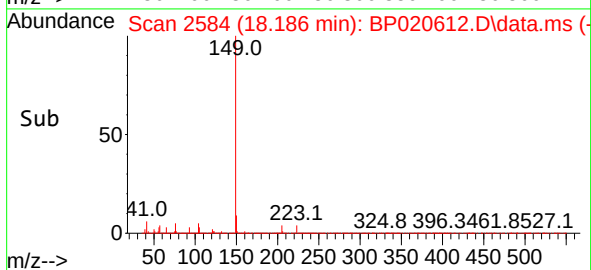
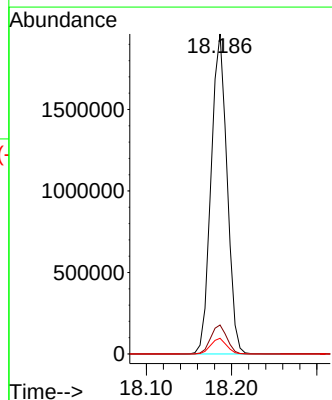
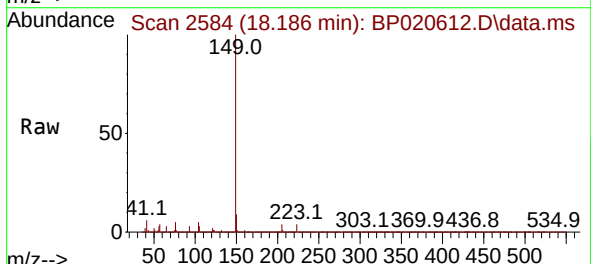
Instrument :
 BNA_P
 ClientSampleId :
 PB161479BS

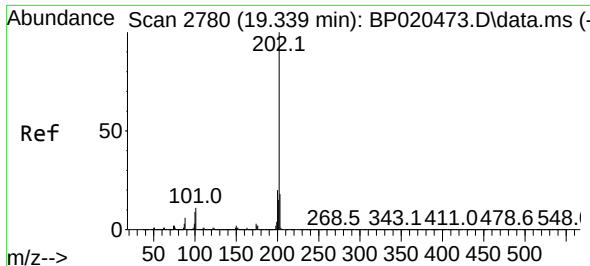
Tgt Ion:167 Resp: 2167972
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.680 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.041 min
 Lab File: BP020612.D
 Acq: 13 Jun 2024 14:58

Tgt Ion:149 Resp: 2553269
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 4.2 6.2

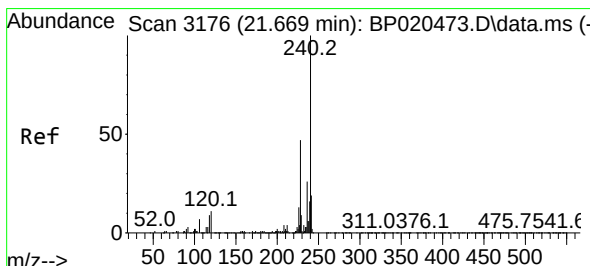
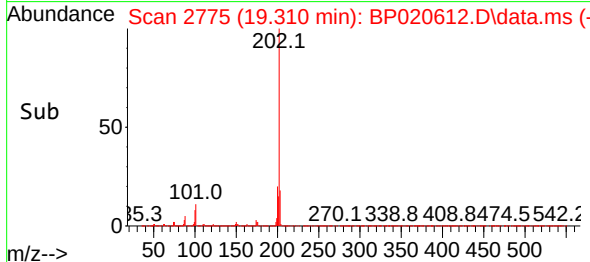
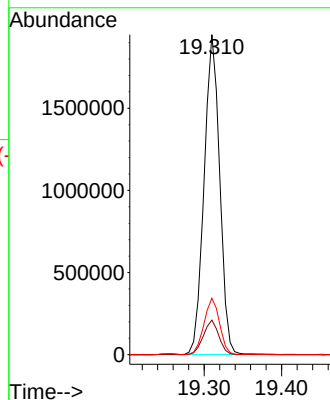
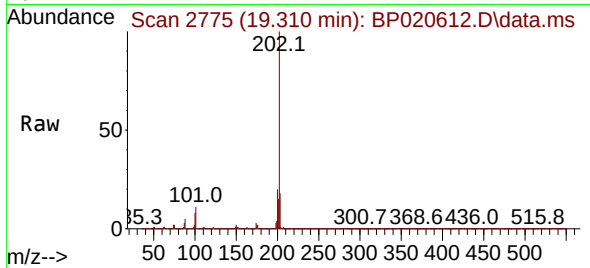




#75
Fluoranthene
Concen: 43.111 ng
RT: 19.310 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

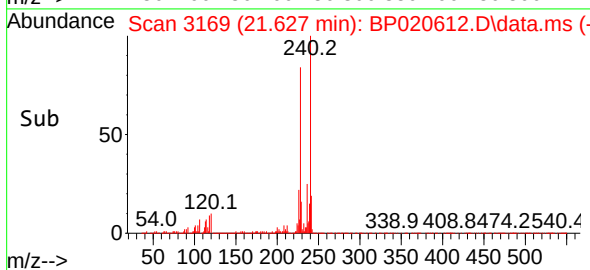
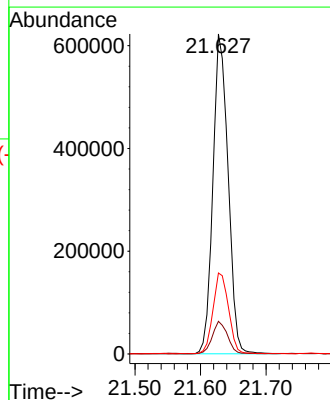
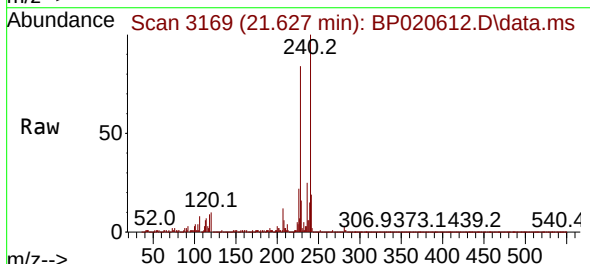
Instrument :
BNA_P
ClientSampleId :
PB161479BS

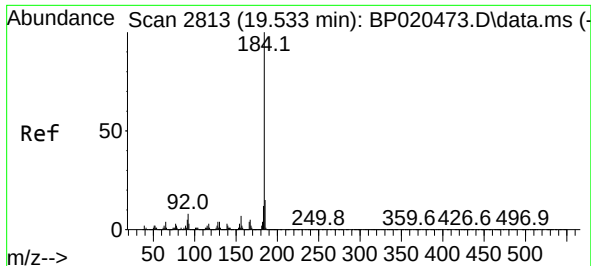
Tgt Ion:202 Resp: 2718193
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 3169
Delta R.T. -0.041 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:240 Resp: 1001107
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 25.3 20.5 30.7

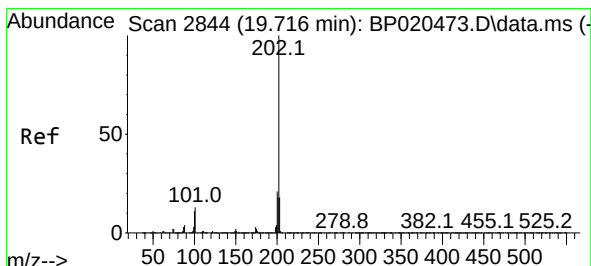
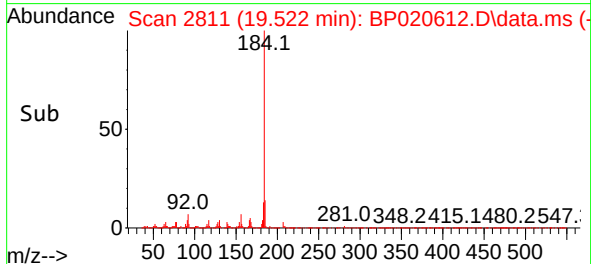
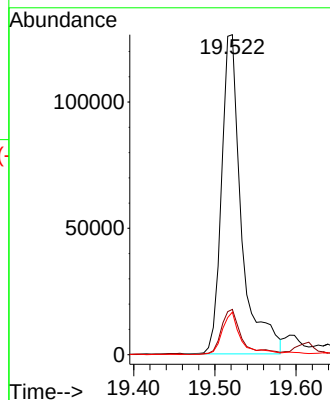
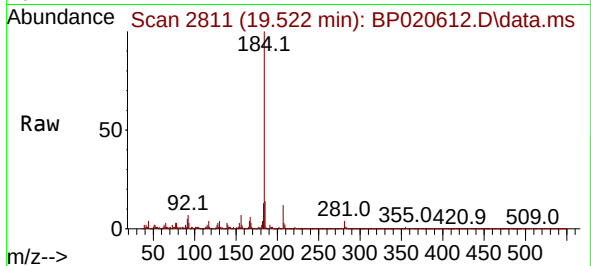




#77
Benzidine
Concen: 11.298 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.011 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

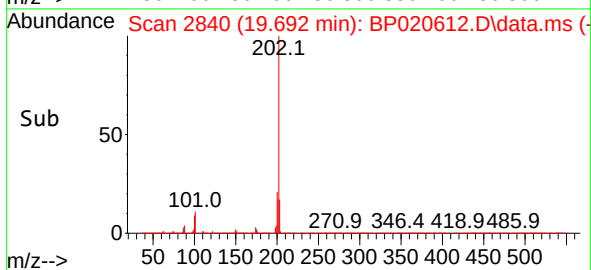
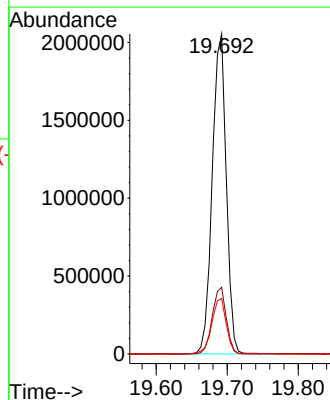
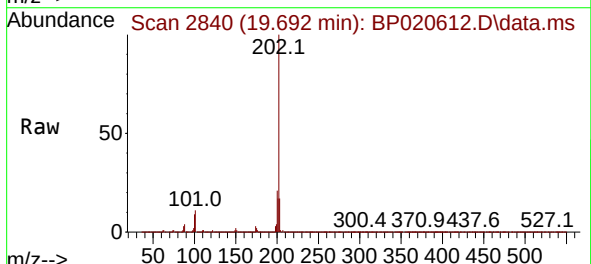
Instrument :
BNA_P
ClientSampleId :
PB161479BS

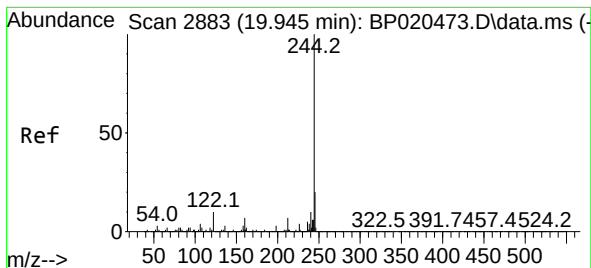
Tgt Ion:184 Resp: 216560
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 13.3 9.4 14.0



#78
Pyrene
Concen: 37.362 ng
RT: 19.692 min Scan# 2840
Delta R.T. -0.024 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:202 Resp: 2813396
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 74.417 ng

RT: 19.910 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

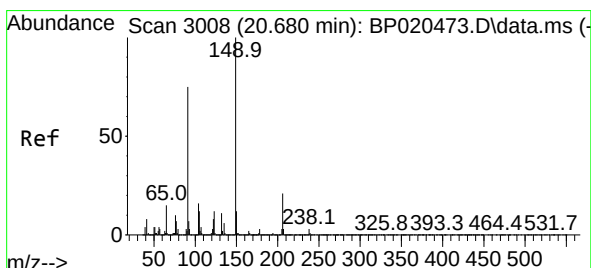
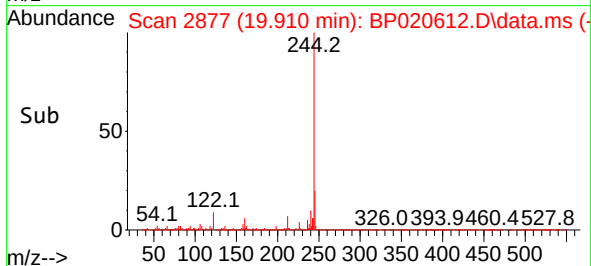
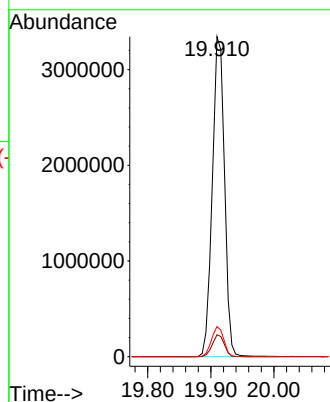
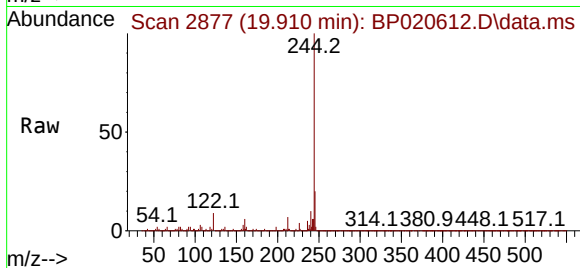
Tgt Ion:244 Resp: 4475188

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 39.186 ng

RT: 20.651 min Scan# 3003

Delta R.T. -0.029 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

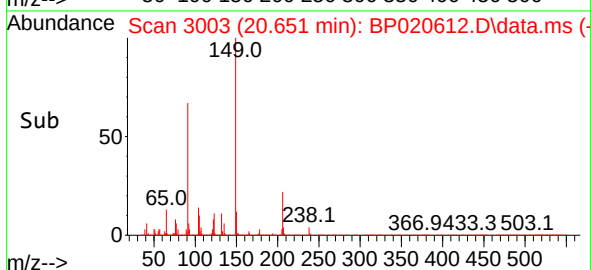
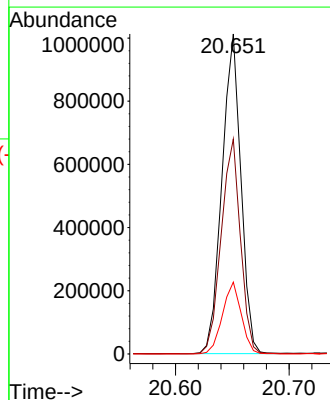
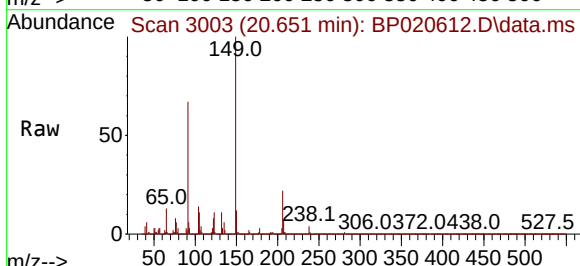
Tgt Ion:149 Resp: 1174055

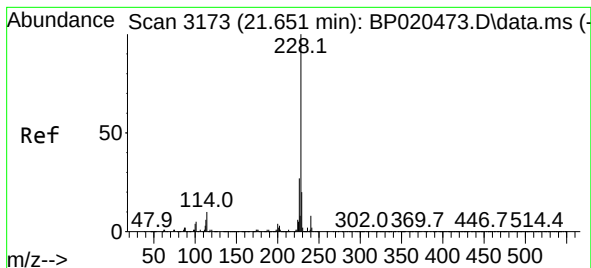
Ion Ratio Lower Upper

149 100

91 67.1 60.0 90.0

206 22.5 16.6 25.0





#81

Benzo(a)anthracene

Concen: 43.250 ng

RT: 21.610 min Scan# 3166

Delta R.T. -0.041 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

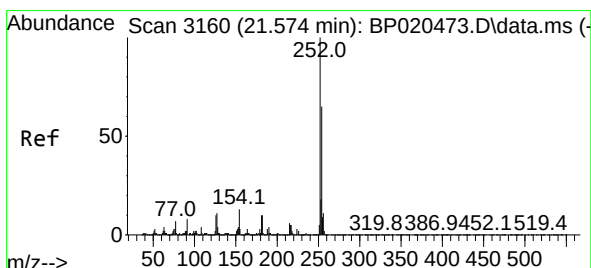
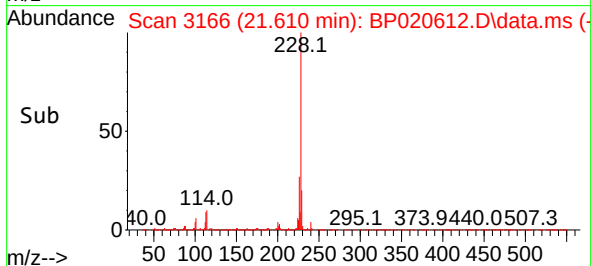
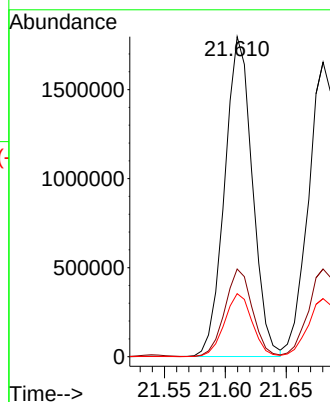
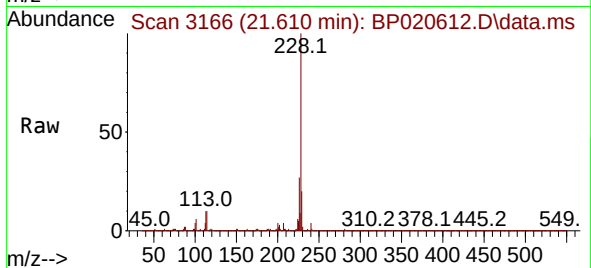
Tgt Ion:228 Resp: 2850893

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.811 ng

RT: 21.539 min Scan# 3154

Delta R.T. -0.035 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

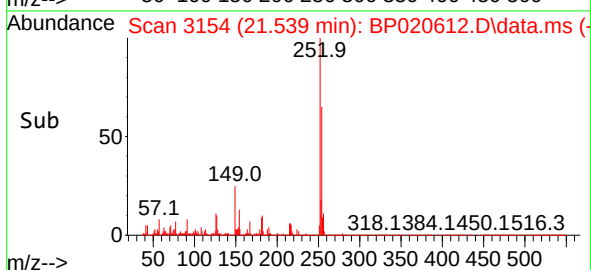
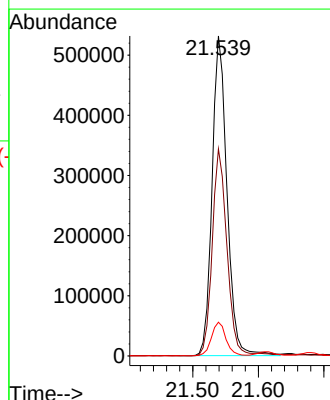
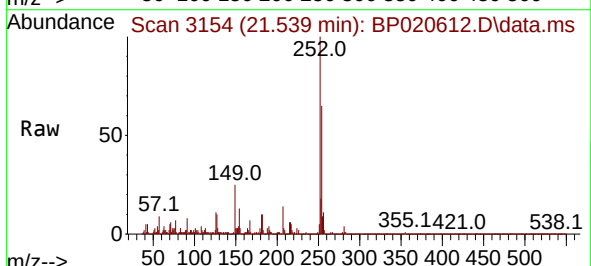
Tgt Ion:252 Resp: 838871

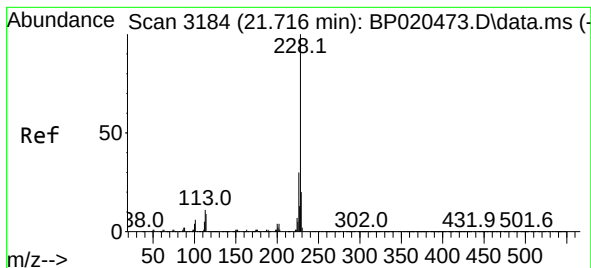
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 10.6 8.3 12.5





#83

Chrysene

Concen: 44.848 ng

RT: 21.680 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

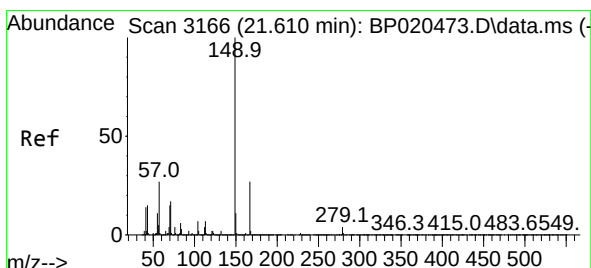
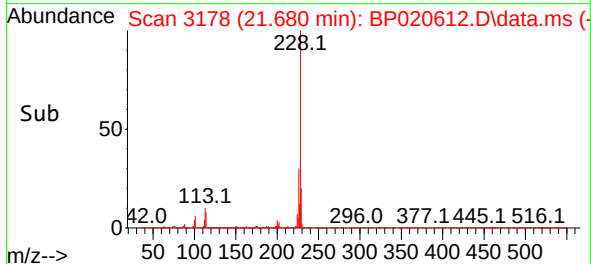
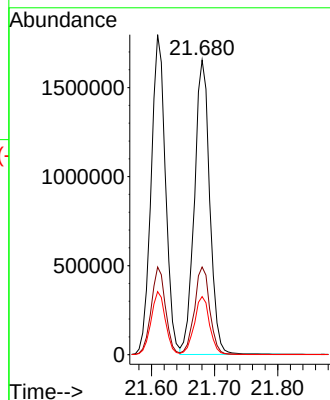
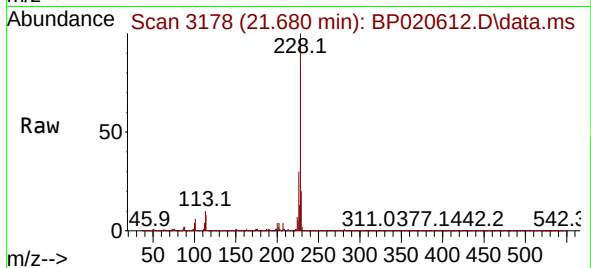
Tgt Ion:228 Resp: 2785636

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.473 ng

RT: 21.557 min Scan# 3157

Delta R.T. -0.053 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

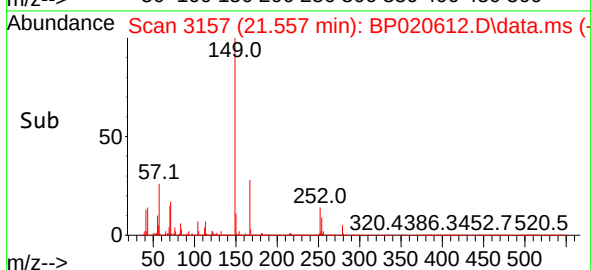
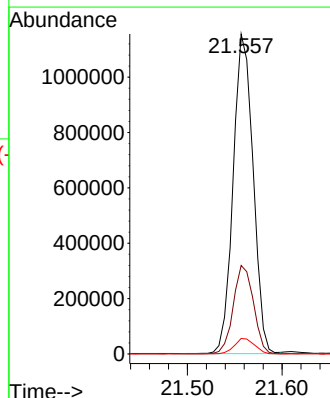
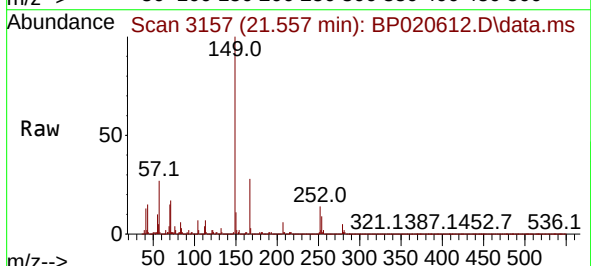
Tgt Ion:149 Resp: 1691634

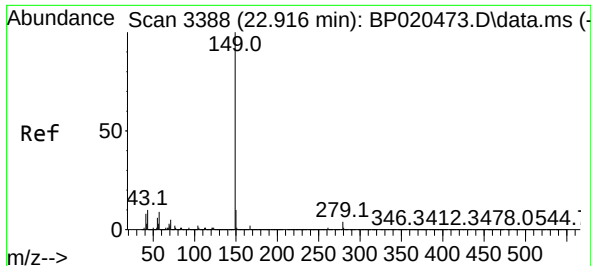
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.8 3.4 5.0

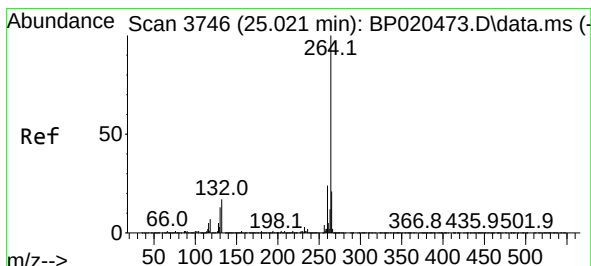
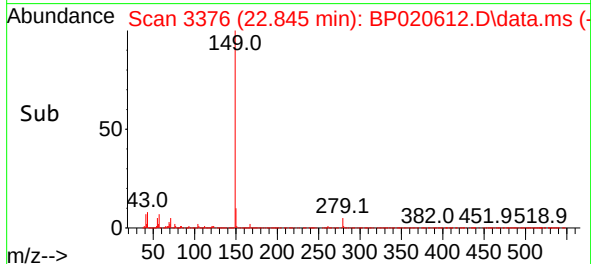
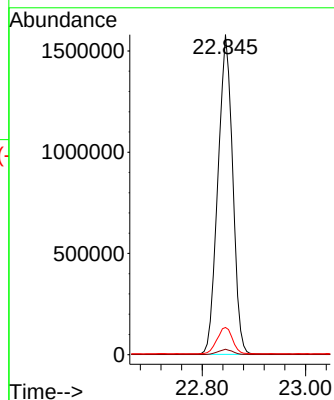
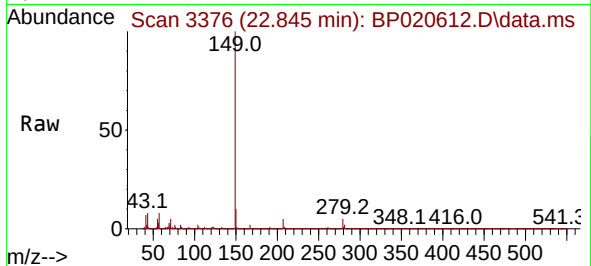




#85
Di-n-octyl phthalate
Concen: 50.336 ng
RT: 22.845 min Scan# 31
Delta R.T. -0.071 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

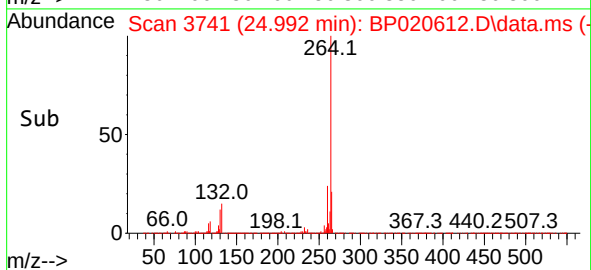
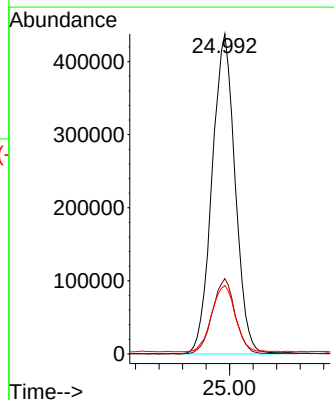
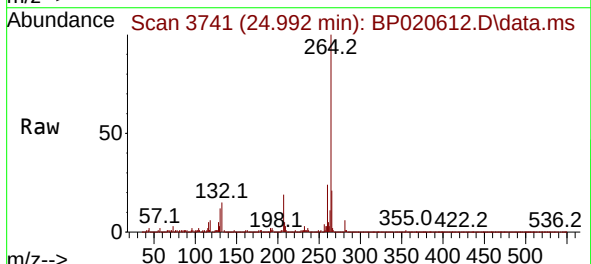
Instrument :
BNA_P
ClientSampleId :
PB161479BS

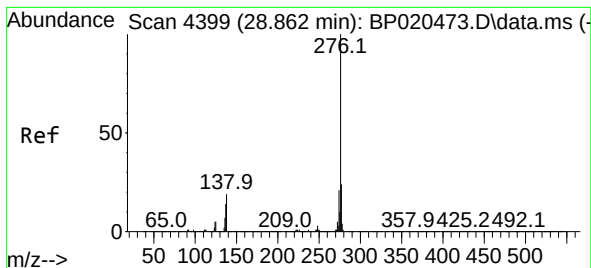
Tgt Ion:149 Resp: 3135366
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 3741
Delta R.T. -0.029 min
Lab File: BP020612.D
Acq: 13 Jun 2024 14:58

Tgt Ion:264 Resp: 1193791
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.893 ng

RT: 28.809 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

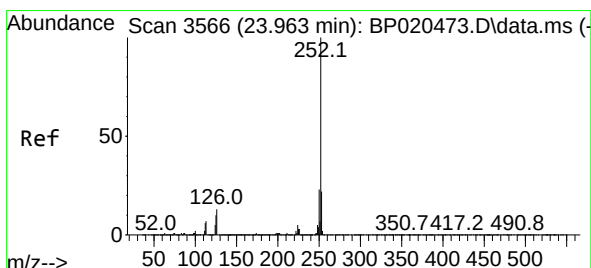
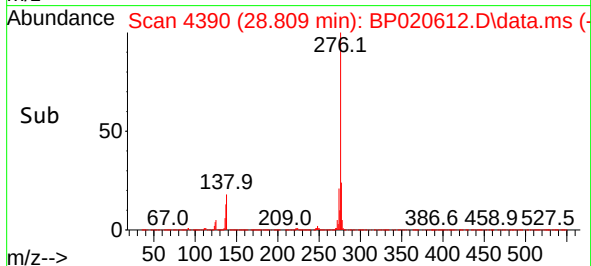
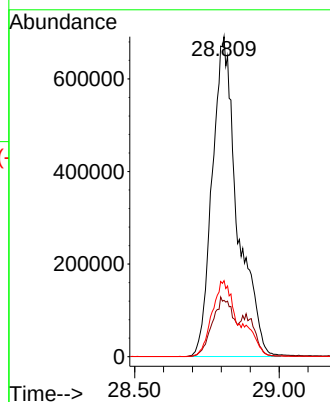
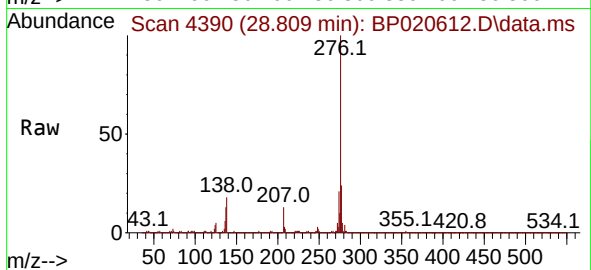
Tgt Ion:276 Resp: 4202662

Ion Ratio Lower Upper

276 100

138 15.3 12.8 19.2

277 20.5 15.6 23.4



#88

Benzo(b)fluoranthene

Concen: 43.224 ng

RT: 23.933 min Scan# 3561

Delta R.T. -0.029 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

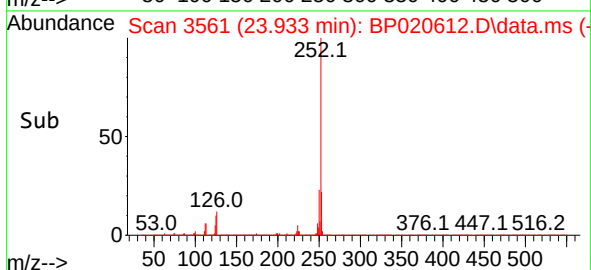
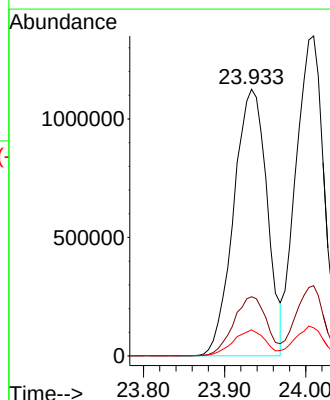
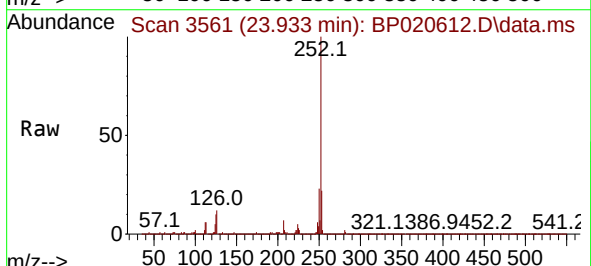
Tgt Ion:252 Resp: 3214591

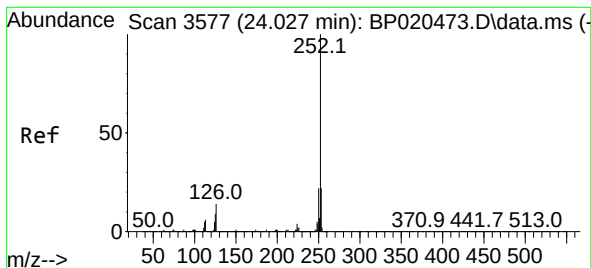
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 44.275 ng

RT: 24.010 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

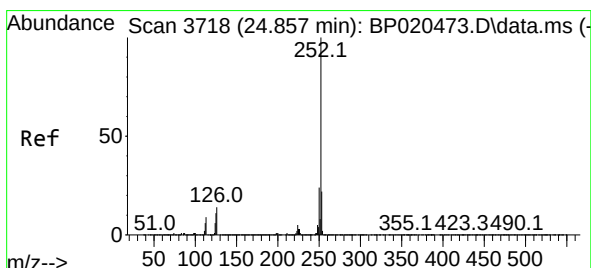
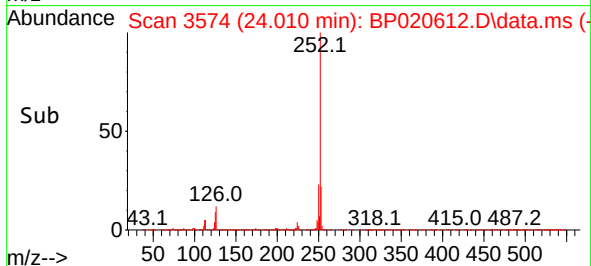
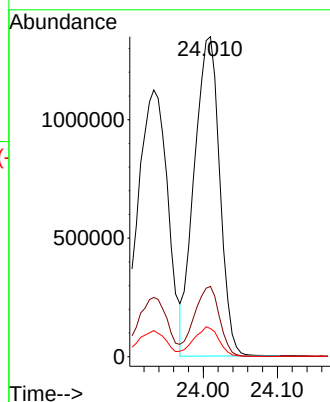
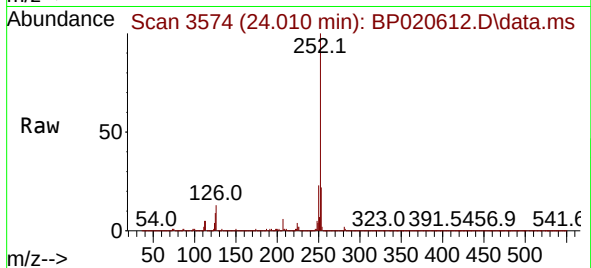
Tgt Ion:252 Resp: 3211514

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.8 7.8 11.6



#90

Benzo(a)pyrene

Concen: 49.711 ng

RT: 24.839 min Scan# 3715

Delta R.T. -0.018 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

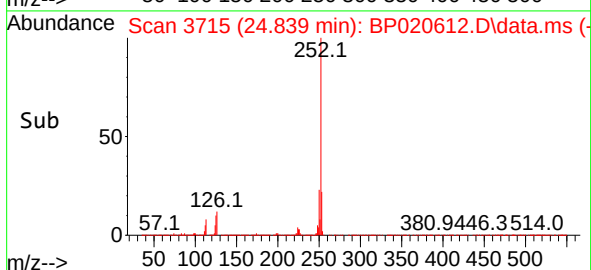
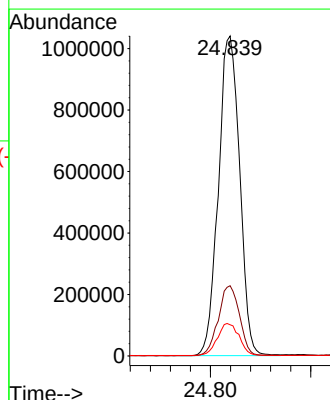
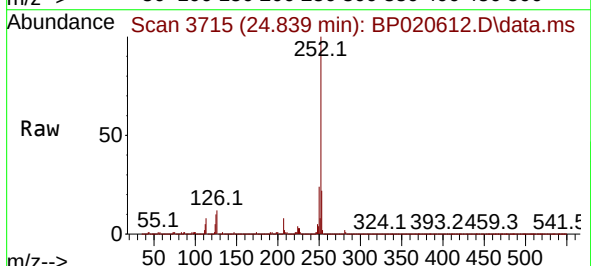
Tgt Ion:252 Resp: 3061801

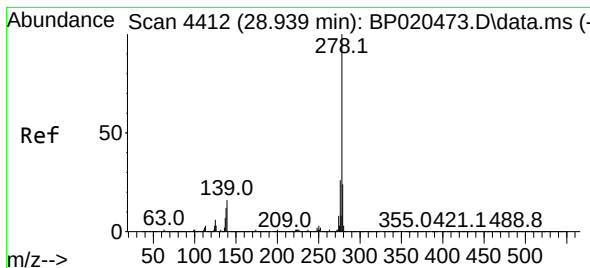
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.7 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 57.762 ng

RT: 28.886 min Scan# 4412

Delta R.T. -0.053 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Instrument :

BNA_P

ClientSampleId :

PB161479BS

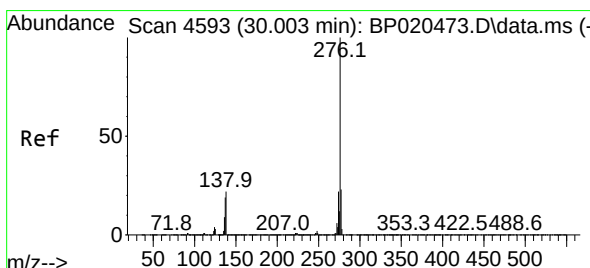
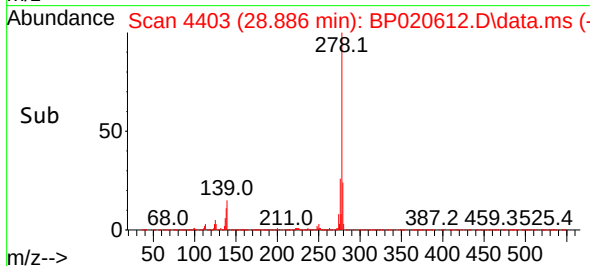
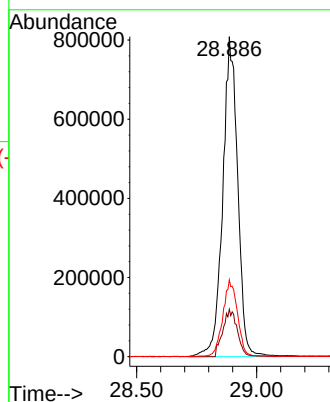
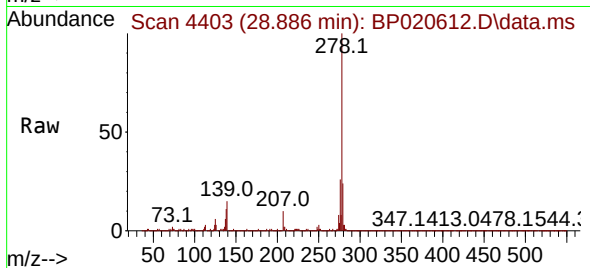
Tgt Ion:278 Resp: 3497459

Ion Ratio Lower Upper

278 100

139 14.8 13.0 19.4

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 56.115 ng

RT: 29.992 min Scan# 4591

Delta R.T. -0.012 min

Lab File: BP020612.D

Acq: 13 Jun 2024 14:58

Tgt Ion:276 Resp: 3396195

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 18.5 17.7 26.5

