

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024307.D
 Acq On : 16 Apr 2025 11:45
 Operator : RC/JU
 Sample : PB167599BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167599BS

Quant Time: Apr 16 13:04:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	301982	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1205511	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	692603	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1235309	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1127025	20.000	ng	0.00
86) Perylene-d12	24.980	264	1273745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2790519	152.790	ng	0.00
7) Phenol-d6	6.916	99	3463864	138.510	ng	0.00
23) Nitrobenzene-d5	8.881	82	2066999	97.770	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1363074	142.246	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	4423000	97.778	ng	-0.01
79) Terphenyl-d14	19.898	244	5784419	103.452	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	314221	40.675	ng	99
3) Pyridine	3.687	79	812316	39.822	ng	99
4) n-Nitrosodimethylamine	3.593	42	312427	46.149	ng	97
6) Aniline	7.069	93	840608	37.616	ng	99
8) 2-Chlorophenol	7.305	128	1000170	49.049	ng	100
9) Benzaldehyde	6.881	77	378861	30.626	ng	98
10) Phenol	6.940	94	1217414	48.528	ng	98
11) bis(2-Chloroethyl)ether	7.158	93	923542	45.691	ng	99
12) 1,3-Dichlorobenzene	7.616	146	1032022	47.011	ng	99
13) 1,4-Dichlorobenzene	7.763	146	1044131	46.878	ng	100
14) 1,2-Dichlorobenzene	8.075	146	1004865	46.721	ng	99
15) Benzyl Alcohol	7.969	79	779685	48.210	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	1035014	47.374	ng	99
17) 2-Methylphenol	8.175	107	820700	50.571	ng	100
18) Hexachloroethane	8.799	117	385506	47.892	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	674711	43.610	ng	99
20) 3+4-Methylphenols	8.499	107	1098508	48.783	ng	100
22) Acetophenone	8.546	105	1384168	46.391	ng	# 100
24) Nitrobenzene	8.922	77	997269	47.684	ng	100
25) Isophorone	9.440	82	1860875	48.628	ng	100
26) 2-Nitrophenol	9.622	139	509876	49.817	ng	99
27) 2,4-Dimethylphenol	9.687	122	891789	69.393	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	1212188	46.891	ng	100
29) 2,4-Dichlorophenol	10.157	162	867673	49.517	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	897647	47.813	ng	98
31) Naphthalene	10.552	128	2845867	44.816	ng	99
32) Benzoic acid	9.846	122	625565	41.775	ng	99
33) 4-Chloroaniline	10.663	127	299999	13.415	ng	98
34) Hexachlorobutadiene	10.840	225	536427	48.624	ng	99
35) Caprolactam	11.457	113	270008	41.761	ng	99
36) 4-Chloro-3-methylphenol	11.798	107	928778	45.507	ng	99
37) 2-Methylnaphthalene	12.163	142	1777803	40.368	ng	100
38) 1-Methylnaphthalene	12.381	142	1865879	43.309	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	958484	50.323	ng	# 98
41) Hexachlorocyclopentadiene	12.522	237	1429111	212.151	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	659069	52.046	ng	97

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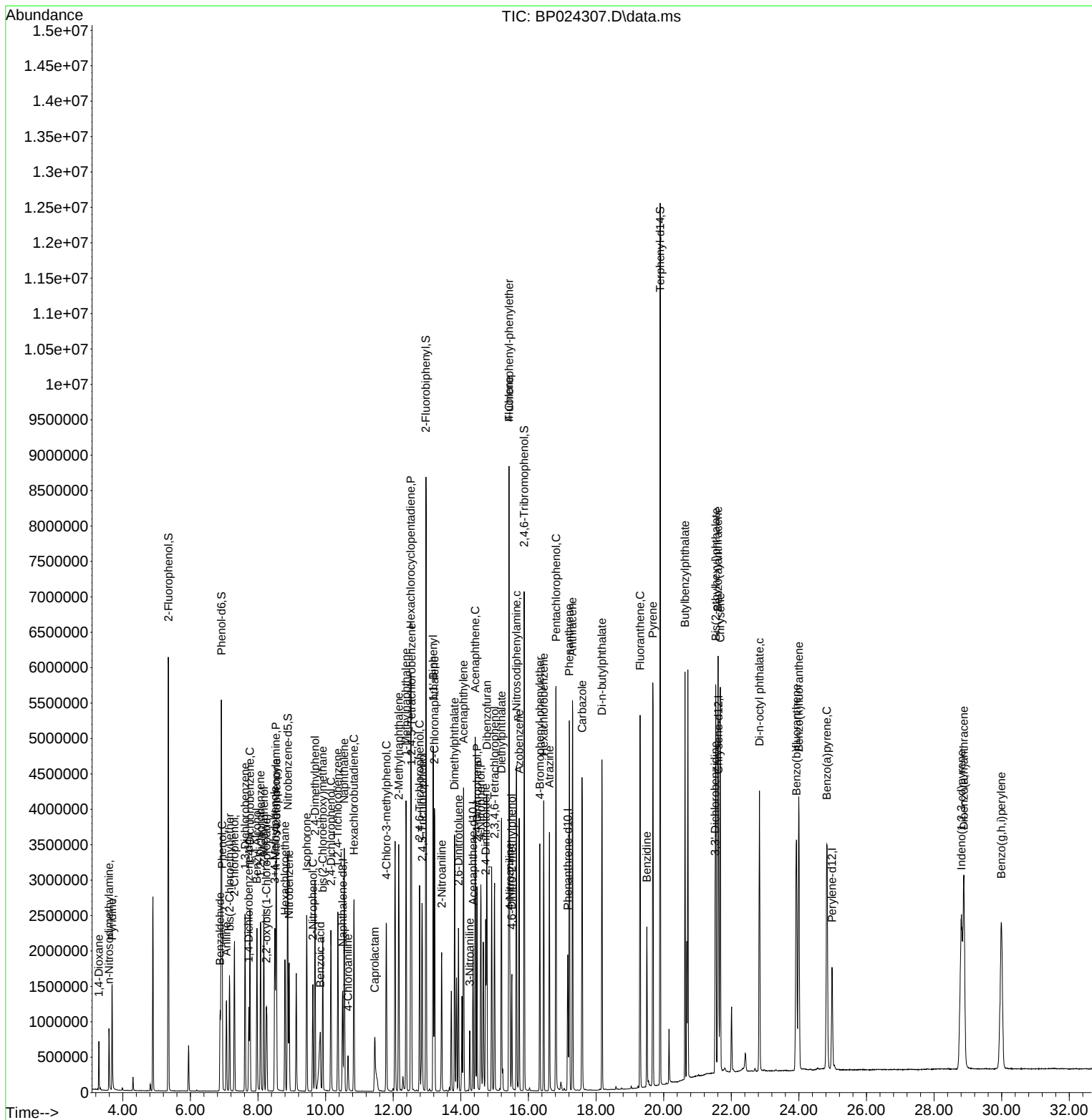
Instrument :
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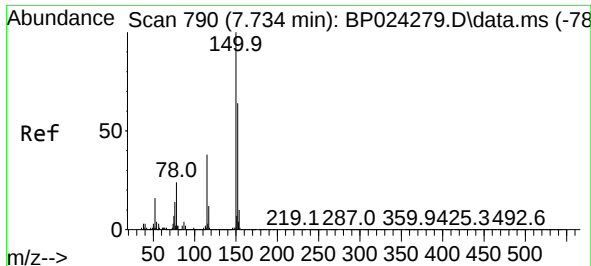
Quant Time: Apr 16 13:04:26 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	718643	51.248	ng	99
46) 1,1'-Biphenyl	13.181	154	2461557	48.351	ng	100
47) 2-Chloronaphthalene	13.222	162	1854265	48.733	ng	99
48) 2-Nitroaniline	13.434	65	529997	49.658	ng	98
49) Acenaphthylene	14.081	152	3059129	51.065	ng	100
50) Dimethylphthalate	13.816	163	2293991	45.545	ng	99
51) 2,6-Dinitrotoluene	13.934	165	501003	46.843	ng	98
52) Acenaphthene	14.428	154	1737493	45.749	ng	100
53) 3-Nitroaniline	14.263	138	225208	20.035	ng	98
54) 2,4-Dinitrophenol	14.481	184	616619	97.875	ng	97
55) Dibenzofuran	14.769	168	2753340	44.352	ng	99
56) 4-Nitrophenol	14.592	139	933046	96.107	ng	98
57) 2,4-Dinitrotoluene	14.734	165	703152	48.195	ng	99
58) Fluorene	15.428	166	2168790	45.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	596270	46.103	ng	99
60) Diethylphthalate	15.204	149	2261118	43.563	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	1064188	45.602	ng	99
62) 4-Nitroaniline	15.451	138	495024	41.599	ng	95
63) Azobenzene	15.728	77	2108466	44.197	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	380553	48.863	ng	94
66) n-Nitrosodiphenylamine	15.645	169	1876900	50.904	ng	99
67) 4-Bromophenyl-phenylether	16.339	248	681582	50.449	ng	98
68) Hexachlorobenzene	16.451	284	812194	50.591	ng	99
69) Atrazine	16.622	200	630691	67.161	ng	99
70) Pentachlorophenol	16.816	266	1091811	97.486	ng	99
71) Phenanthrene	17.210	178	3213132	47.680	ng	100
72) Anthracene	17.304	178	3294916	50.730	ng	99
73) Carbazole	17.586	167	2968495	46.776	ng	100
74) Di-n-butylphthalate	18.175	149	3652140	46.192	ng	100
75) Fluoranthene	19.304	202	3504610	43.726	ng	100
77) Benzidine	19.504	184	1221501	85.503	ng	99
78) Pyrene	19.680	202	3619177	50.530	ng	99
80) Butylbenzylphthalate	20.633	149	1553494	50.638	ng	97
81) Benzo(a)anthracene	21.610	228	3434274	49.025	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	754810	30.699	ng	99
83) Chrysene	21.674	228	3183239	47.431	ng	100
84) Bis(2-ethylhexyl)phtha...	21.545	149	2239743	49.802	ng	99
85) Di-n-octyl phthalate	22.833	149	3728987	51.003	ng	99
87) Indeno(1,2,3-cd)pyrene	28.809	276	4867750	55.047	ng	94
88) Benzo(b)fluoranthene	23.927	252	3594046	47.074	ng	99
89) Benzo(k)fluoranthene	23.998	252	3572284	48.438	ng	99
90) Benzo(a)pyrene	24.827	252	3490438	52.999	ng	99
91) Dibenzo(a,h)anthracene	28.880	278	3983698	54.275	ng	98
92) Benzo(g,h,i)perylene	29.986	276	3943803	52.789	ng	99

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

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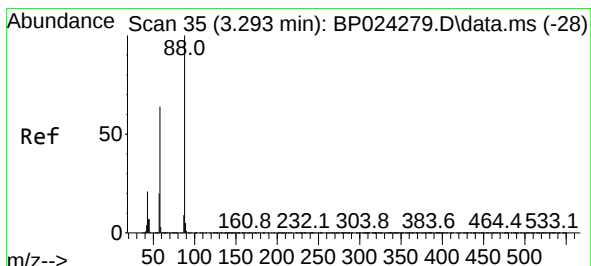
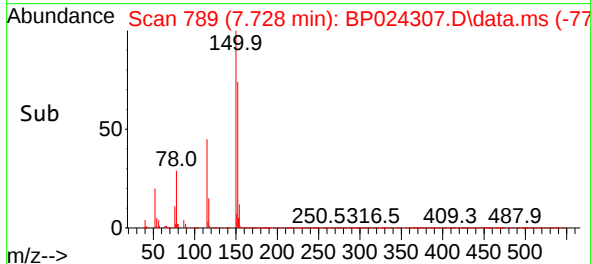
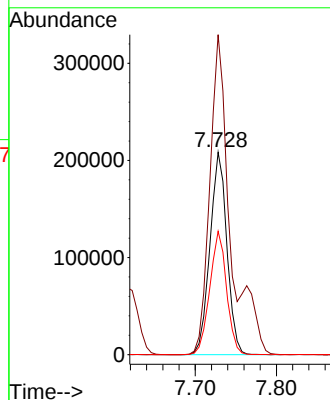
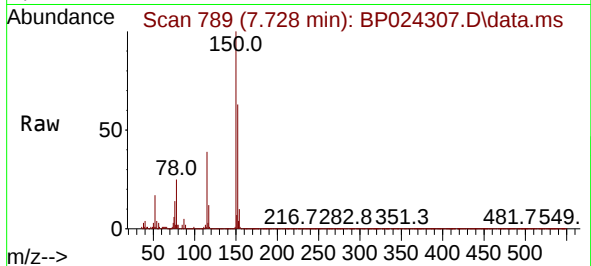




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP024307.D
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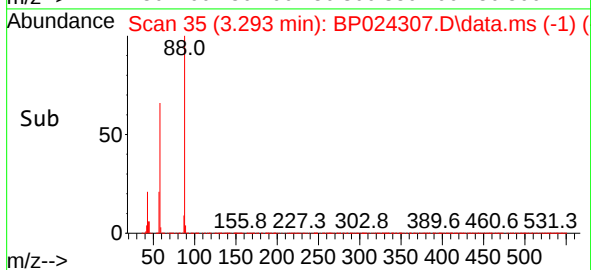
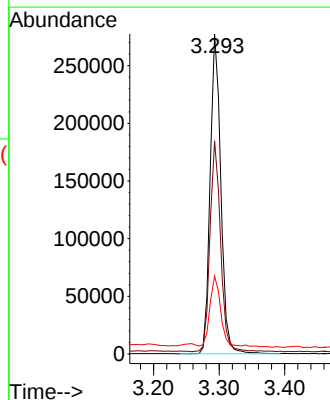
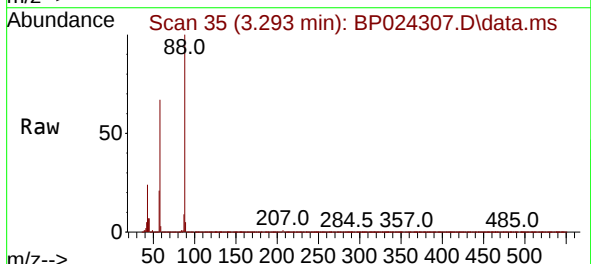
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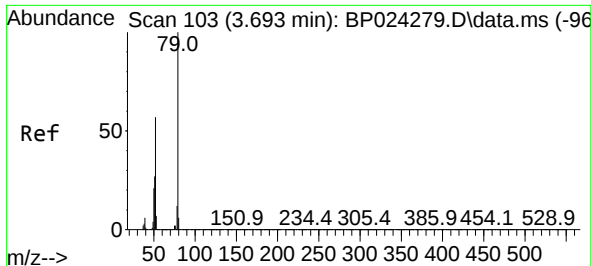
Tgt Ion:152 Resp: 301982
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.9 187.3
 115 61.0 47.7 71.5



#2
 1,4-Dioxane
 Concen: 40.675 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BP024307.D
 Acq: 16 Apr 2025 11:45

Tgt Ion: 88 Resp: 314221
 Ion Ratio Lower Upper
 88 100
 58 65.7 51.4 77.2
 43 21.3 17.1 25.7

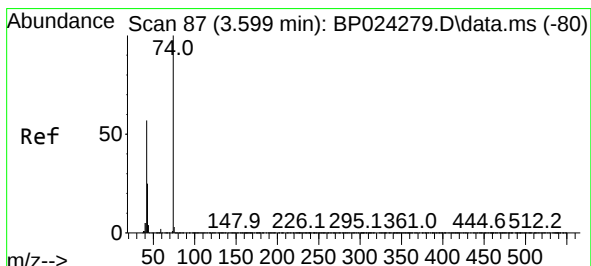
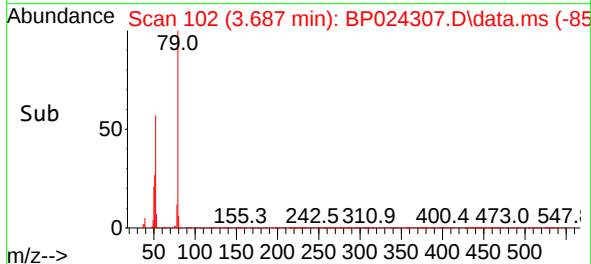
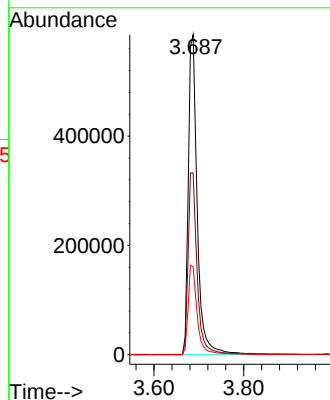
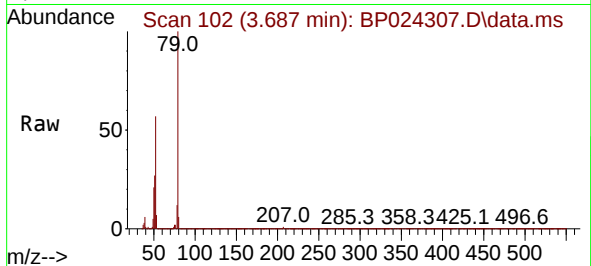




#3
Pyridine
Concen: 39.822 ng
RT: 3.687 min Scan# 103
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

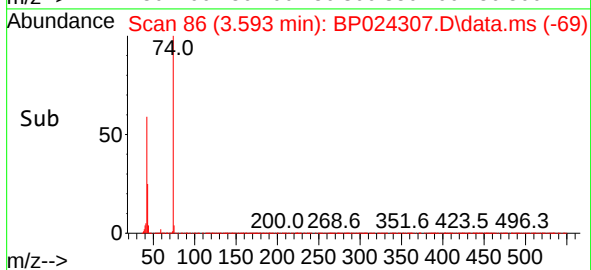
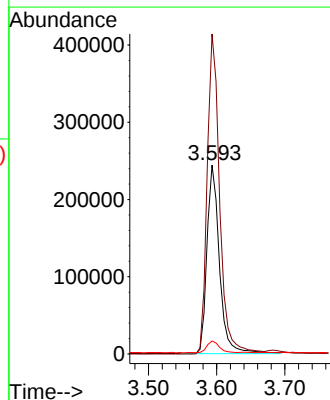
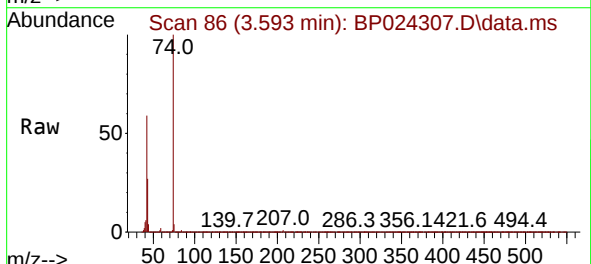
Instrument :
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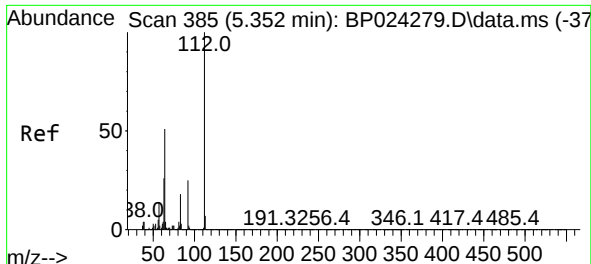
Tgt Ion: 79 Resp: 812316
Ion Ratio Lower Upper
79 100
52 56.7 45.4 68.2
51 27.5 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 46.149 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 42 Resp: 312427
Ion Ratio Lower Upper
42 100
74 169.5 139.5 209.3
44 6.9 5.8 8.8

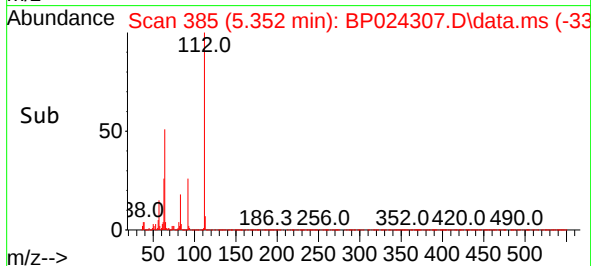
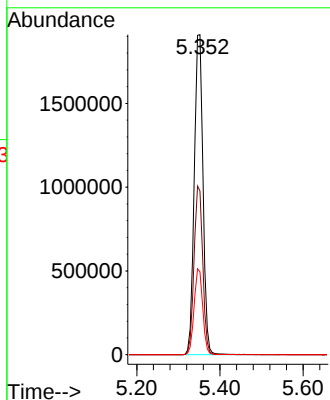
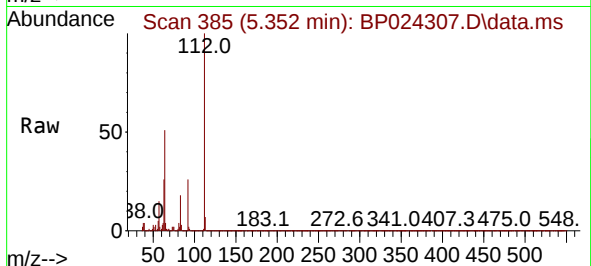




#5
2-Fluorophenol
Concen: 152.790 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

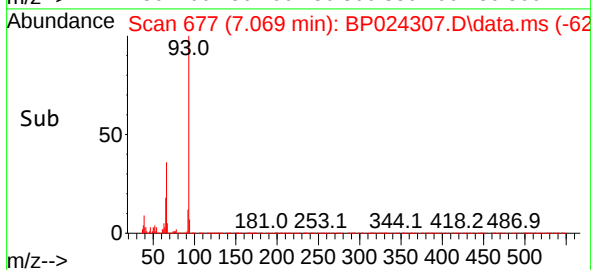
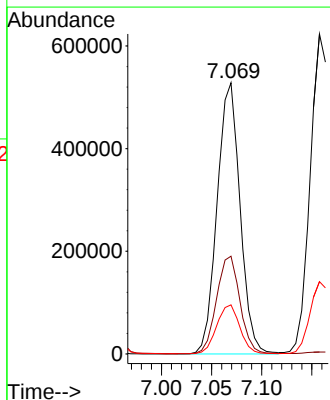
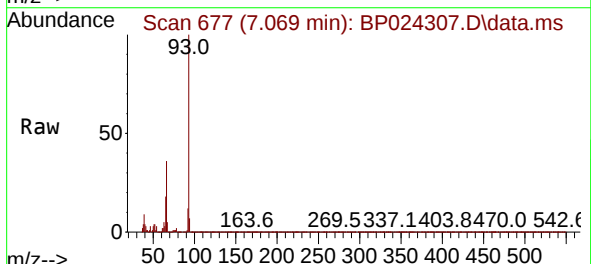
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ClientSampleId :
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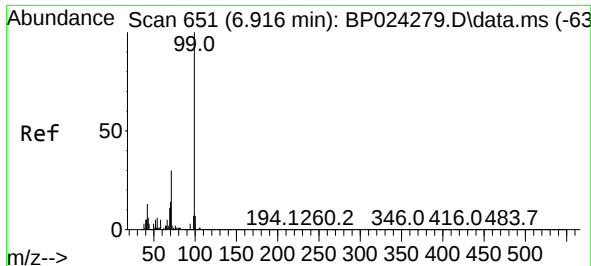
Tgt Ion:112 Resp: 2790519
Ion Ratio Lower Upper
112 100
64 51.1 41.1 61.7
63 25.9 20.6 30.8



#6
Aniline
Concen: 37.616 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 93 Resp: 840608
Ion Ratio Lower Upper
93 100
66 36.1 29.1 43.7
65 18.1 14.7 22.1

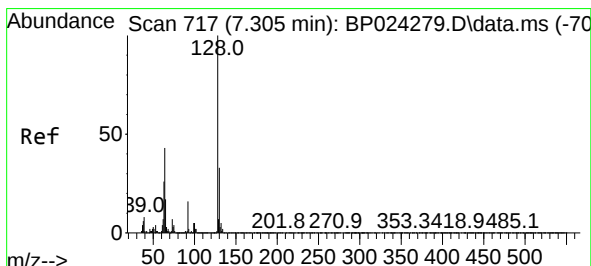
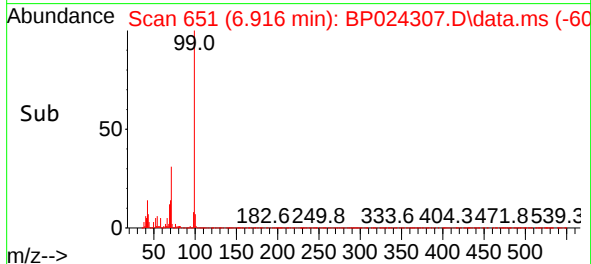
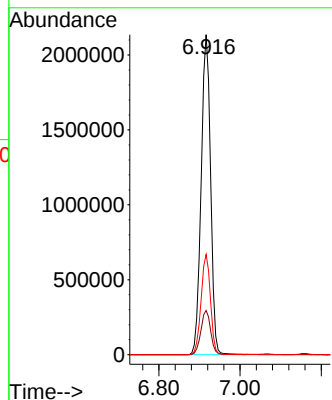
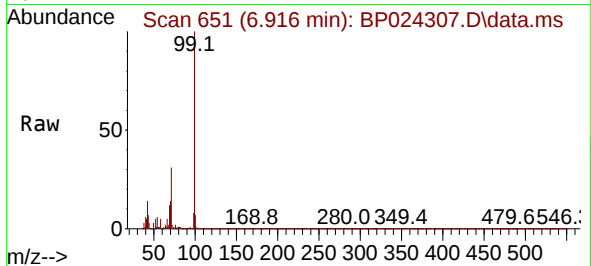




#7
Phenol-d6
Concen: 138.510 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

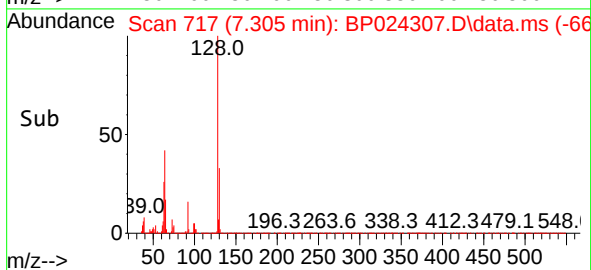
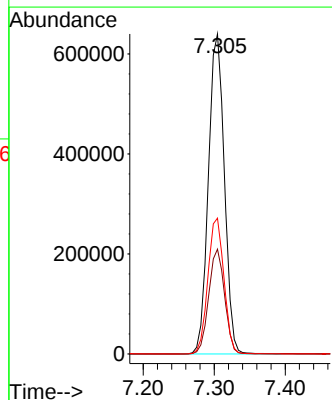
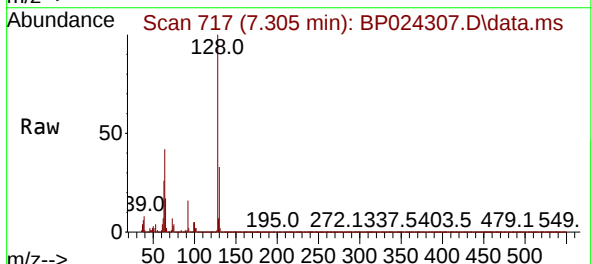
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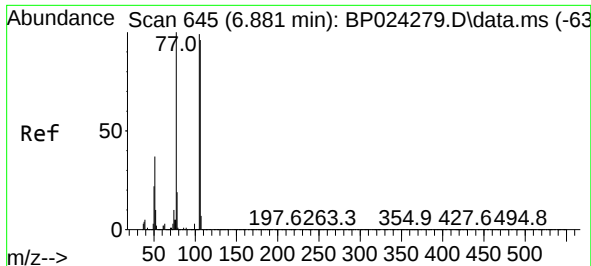
Tgt Ion: 99 Resp: 3463864
Ion Ratio Lower Upper
99 100
42 13.8 10.6 16.0
71 31.3 23.7 35.5



#8
2-Chlorophenol
Concen: 49.049 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 128 Resp: 1000170
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 42.5 22.7 62.7

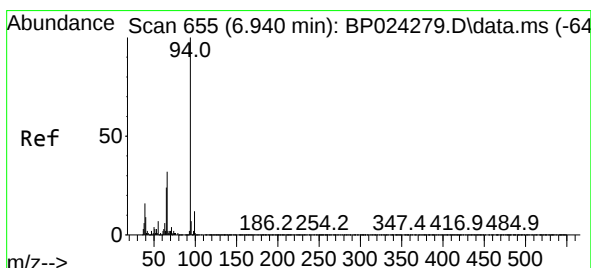
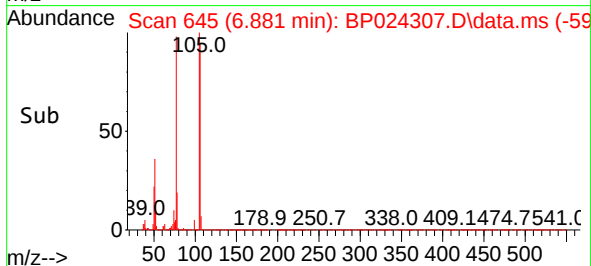
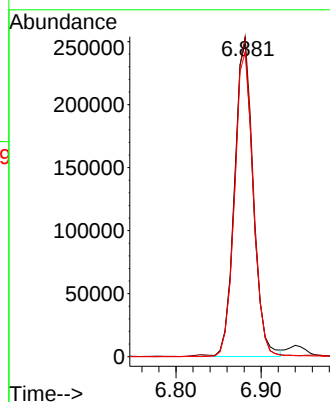
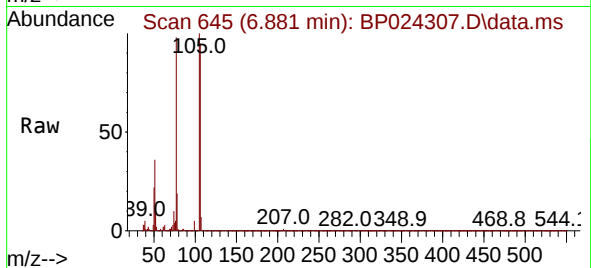




#9
Benzaldehyde
Concen: 30.626 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

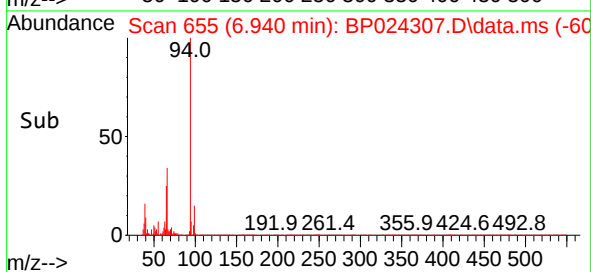
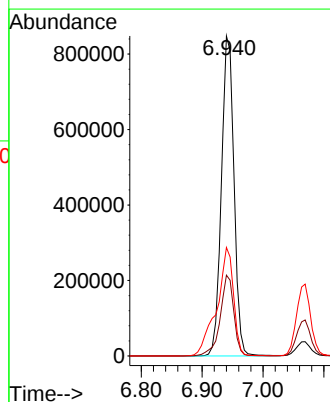
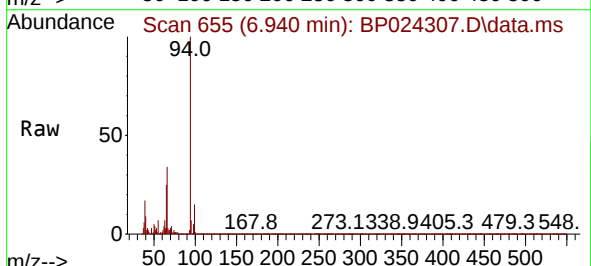
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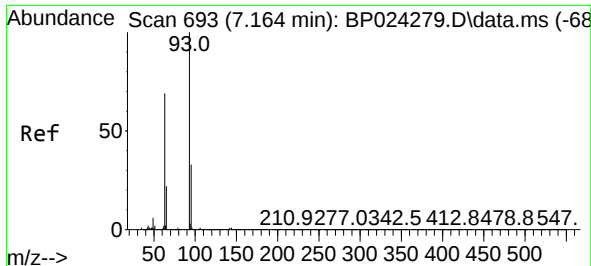
Tgt Ion: 77 Resp: 378861
Ion Ratio Lower Upper
77 100
105 102.1 79.2 119.2
106 97.2 76.2 116.2



#10
Phenol
Concen: 48.528 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BP024307.D
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Tgt Ion: 94 Resp: 1217414
Ion Ratio Lower Upper
94 100
65 25.3 4.5 44.5
66 33.9 12.4 52.4

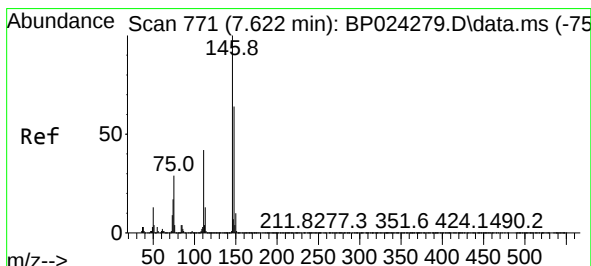
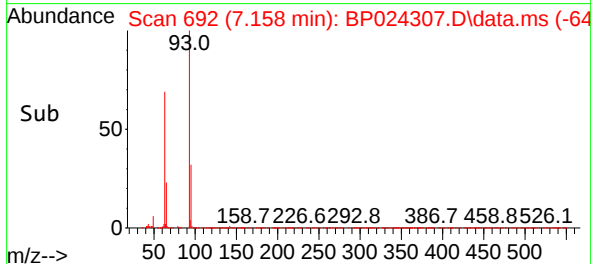
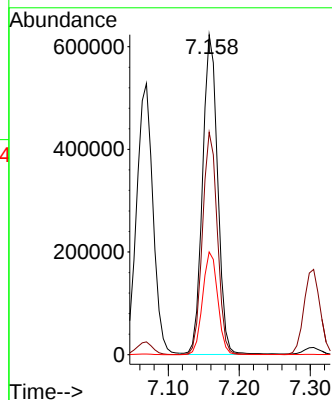
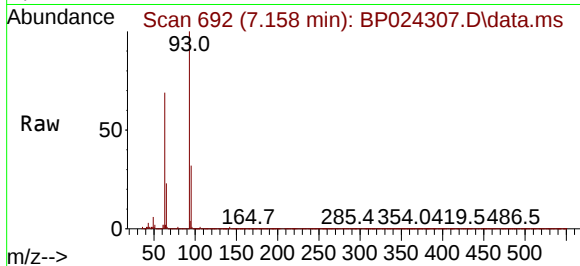




#11
bis(2-Chloroethyl)ether
Concen: 45.691 ng
RT: 7.158 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

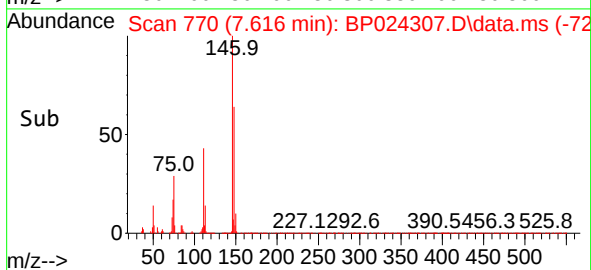
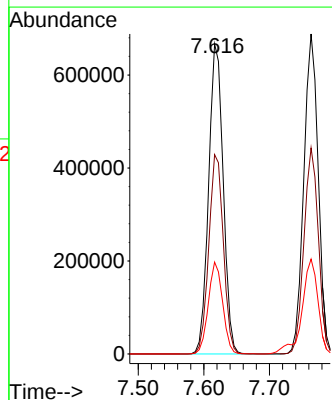
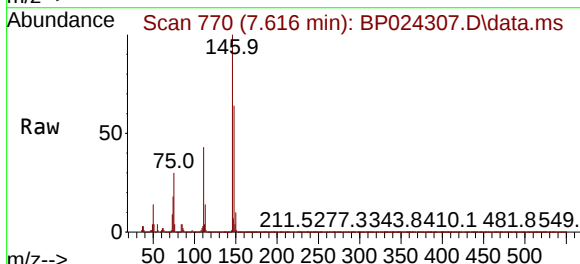
Instrument :
BNA_P
ClientSampleId :
PB167599BS

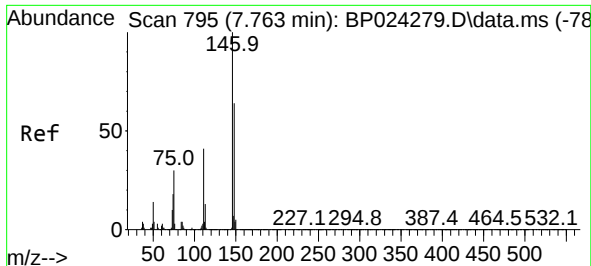
Tgt Ion: 93 Resp: 923542
Ion Ratio Lower Upper
93 100
63 69.5 48.6 88.6
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.011 ng
RT: 7.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 146 Resp: 1032022
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 29.6 22.9 34.3

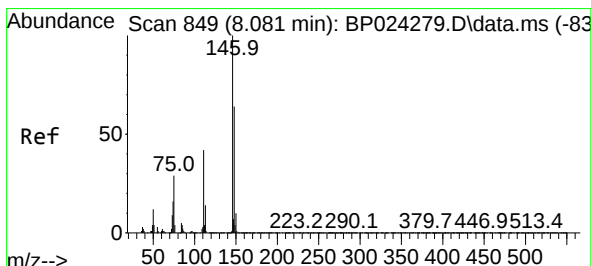
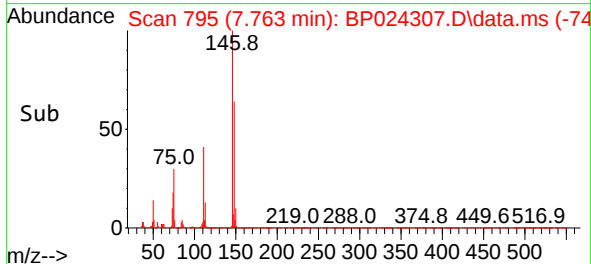
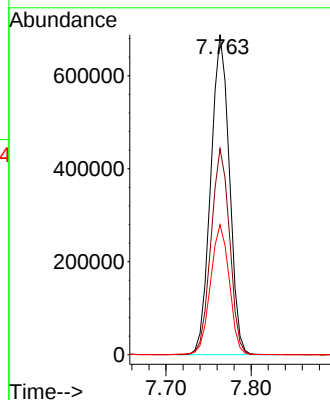
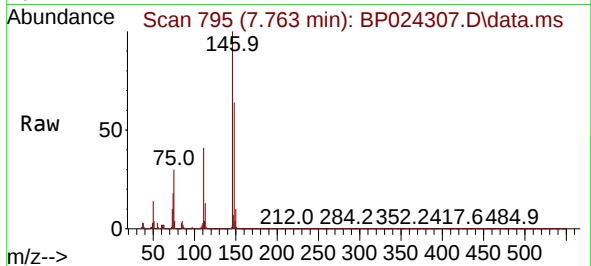




#13
1,4-Dichlorobenzene
Concen: 46.878 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

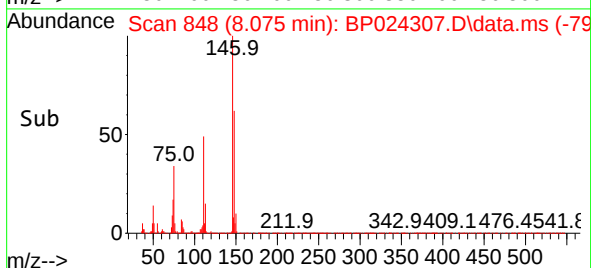
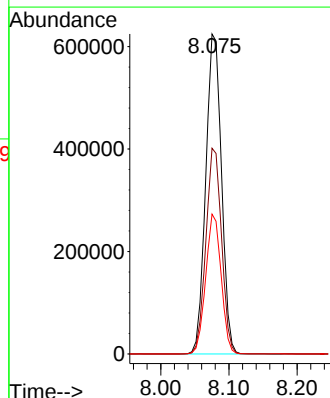
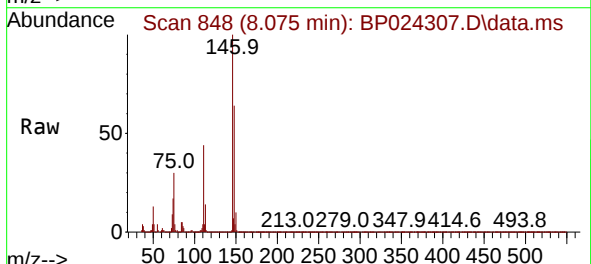
Instrument :
BNA_P
ClientSampleId :
PB167599BS

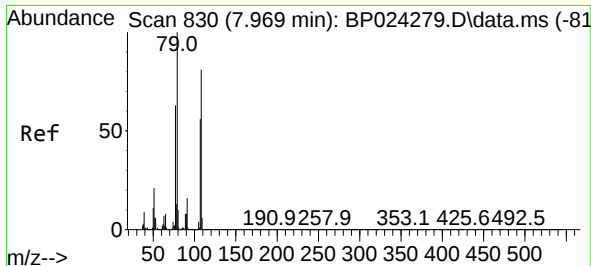
Tgt Ion:146 Resp: 1044131
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 40.6 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 46.721 ng
RT: 8.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:146 Resp: 1004865
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 43.7 33.8 50.8

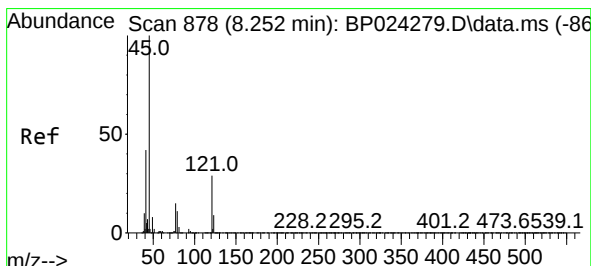
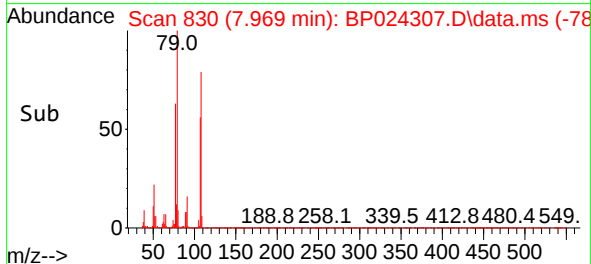
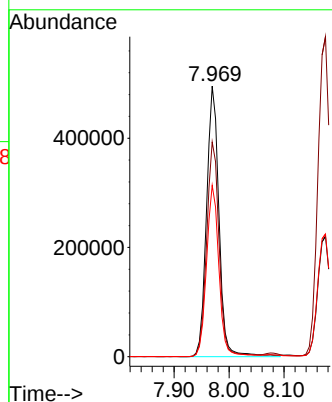
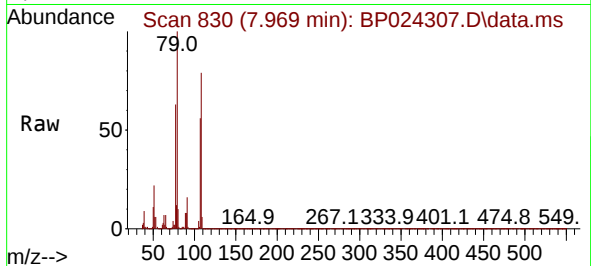




#15
Benzyl Alcohol
Concen: 48.210 ng
RT: 7.969 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

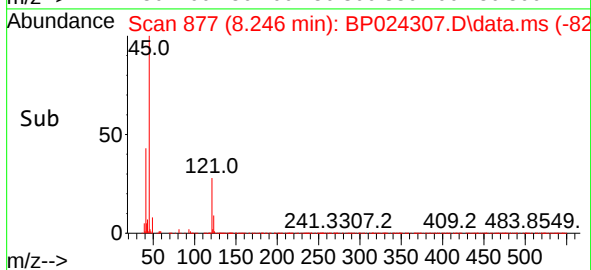
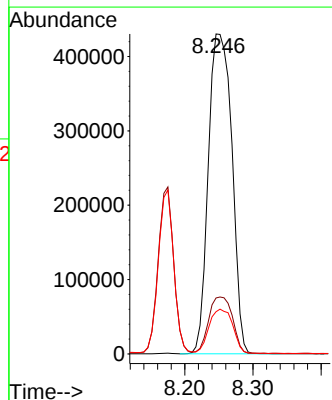
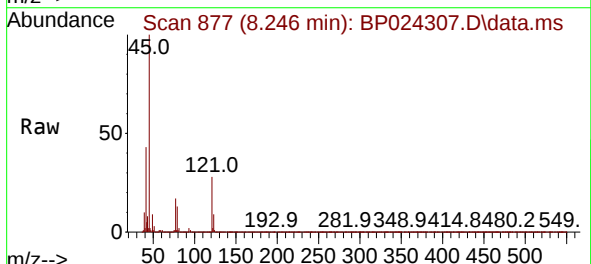
Instrument :
BNA_P
ClientSampleId :
PB167599BS

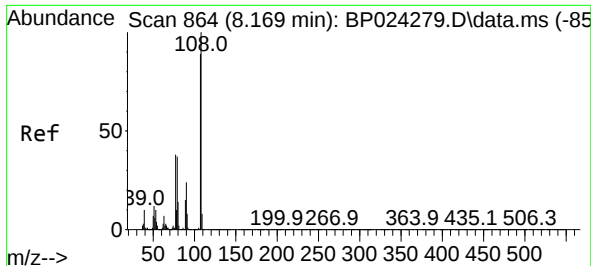
Tgt Ion: 79 Resp: 779685
Ion Ratio Lower Upper
79 100
108 79.4 65.1 97.7
77 63.3 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.374 ng
RT: 8.246 min Scan# 877
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 45 Resp: 1035014
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 13.2 0.0 33.5

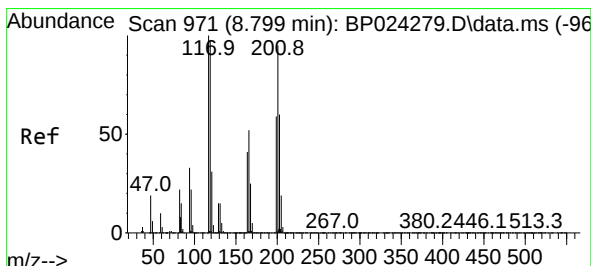
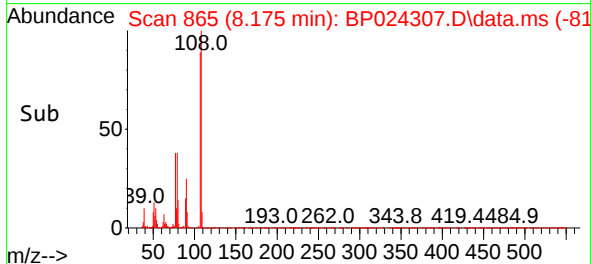
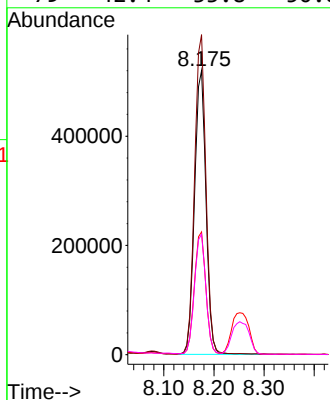
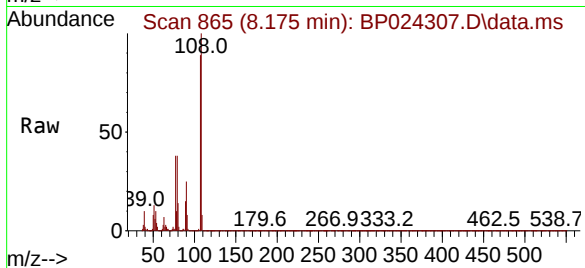




#17
2-Methylphenol
Concen: 50.571 ng
RT: 8.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

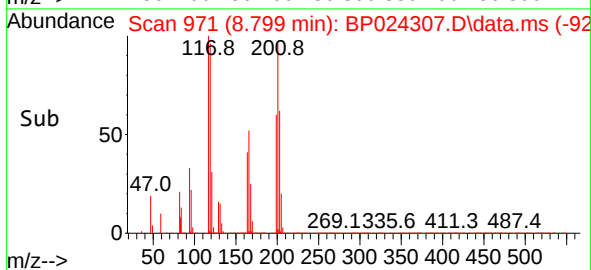
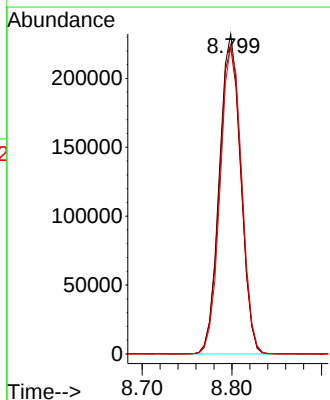
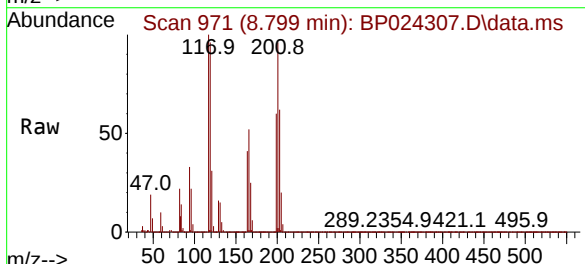
Instrument :
BNA_P
ClientSampleId :
PB167599BS

Tgt Ion:	107	Resp:	820700
Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.8	134.6
77	43.2	34.2	51.4
79	42.4	33.8	50.8



#18
Hexachloroethane
Concen: 47.892 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:	117	Resp:	385506
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.6
201	96.5	75.9	113.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.610 ng

RT: 8.528 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024307.D

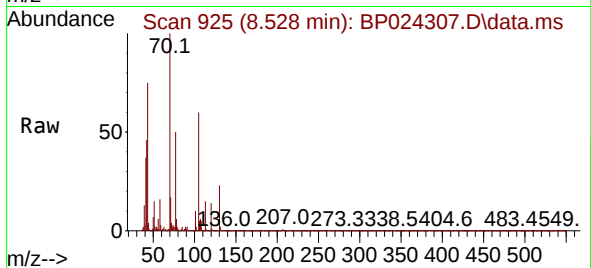
Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

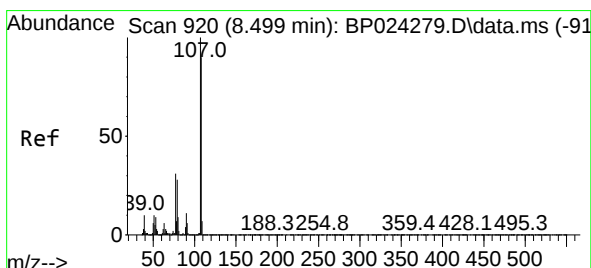
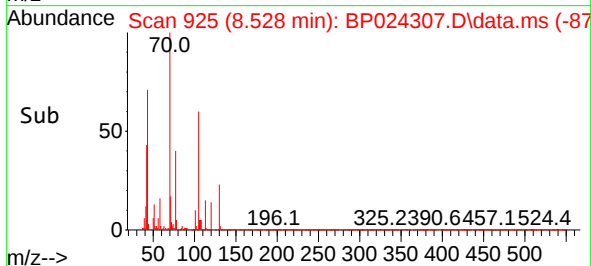
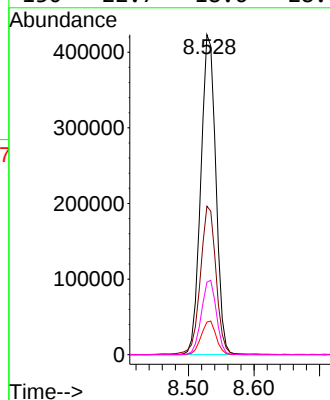
ClientSampleId :

PB167599BS



Tgt Ion: 70 Resp: 674711

Ion	Ratio	Lower	Upper
70	100		
42	46.4	37.3	55.9
101	10.2	8.2	12.4
130	22.7	18.6	28.0



#20

3+4-Methylphenols

Concen: 48.783 ng

RT: 8.499 min Scan# 920

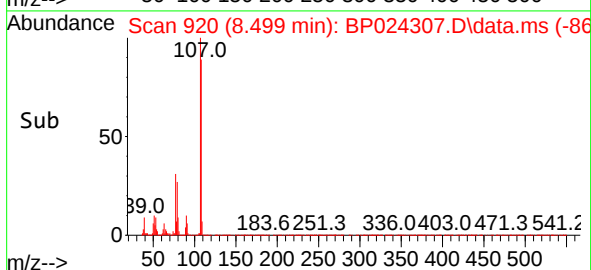
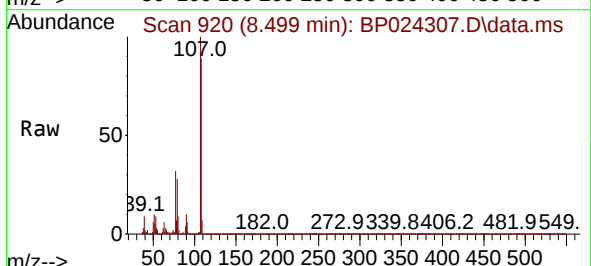
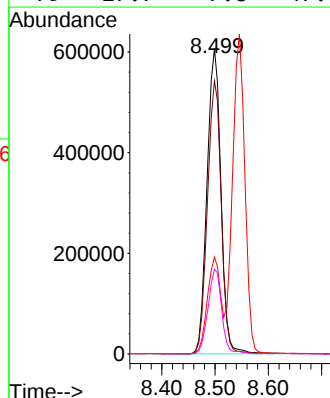
Delta R.T. 0.000 min

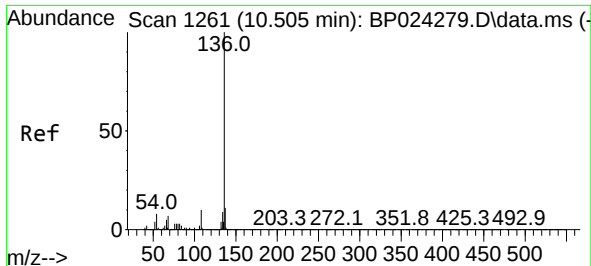
Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Tgt Ion: 107 Resp: 1098508

Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.8	109.8
77	31.7	11.5	51.5
79	27.7	7.8	47.8



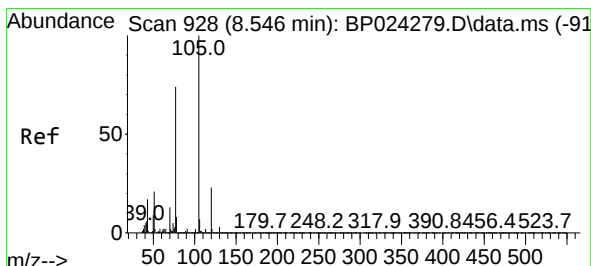
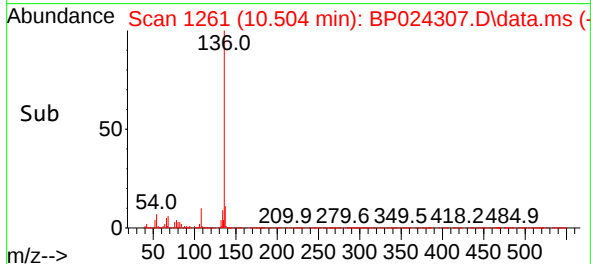
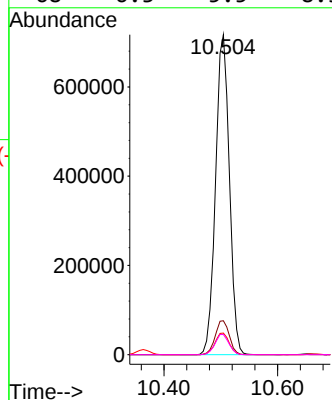
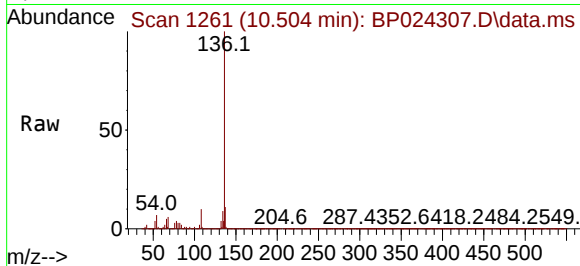


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Instrument :
BNA_P
ClientSampleId :
PB167599BS

Tgt Ion:136 Resp: 1205511

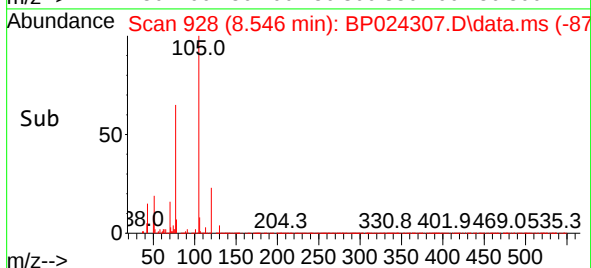
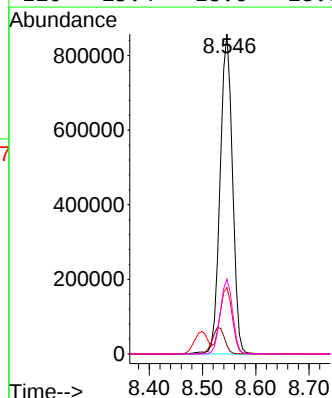
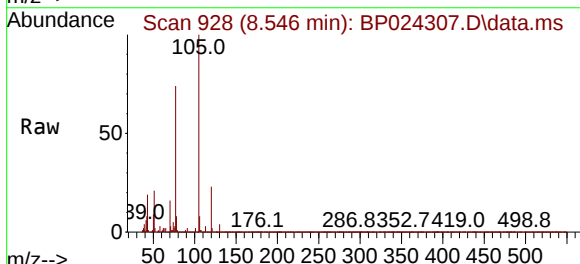
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.8	6.0	9.0
68	6.3	5.5	8.3

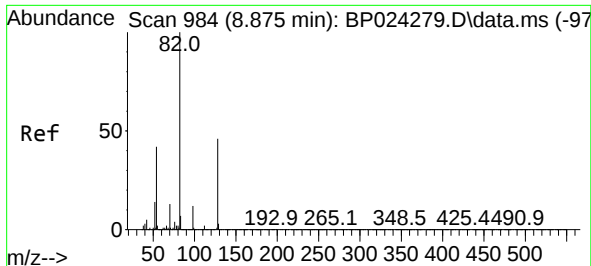


#22
Acetophenone
Concen: 46.391 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:105 Resp: 1384168

Ion	Ratio	Lower	Upper
105	100		
71	2.7	1.7	2.5#
51	20.8	16.9	25.3
120	23.4	18.6	28.0

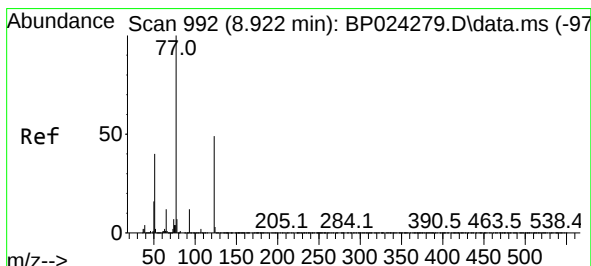
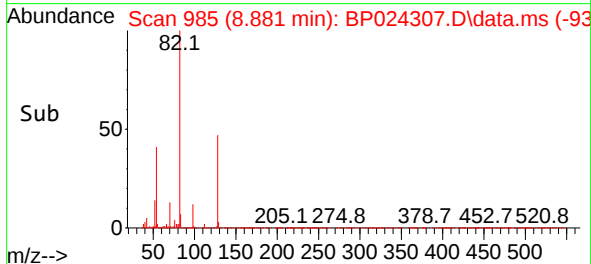
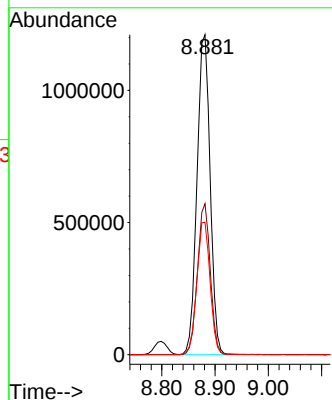
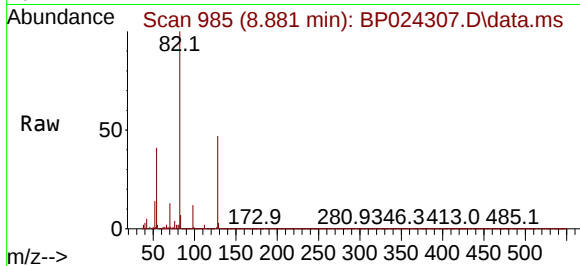




#23
Nitrobenzene-d5
Concen: 97.770 ng
RT: 8.881 min Scan# 984
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

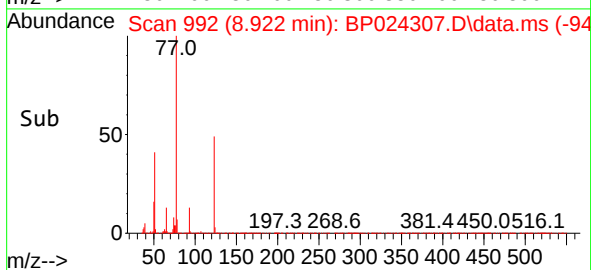
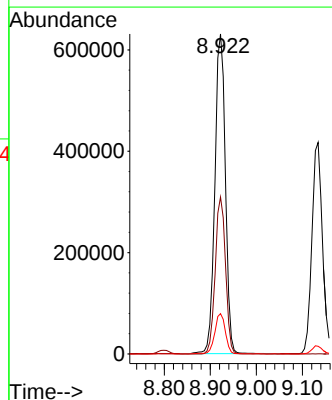
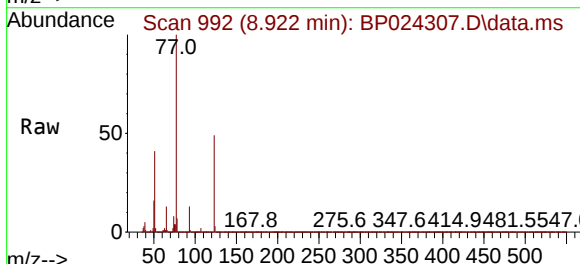
Instrument :
BNA_P
ClientSampleId :
PB167599BS

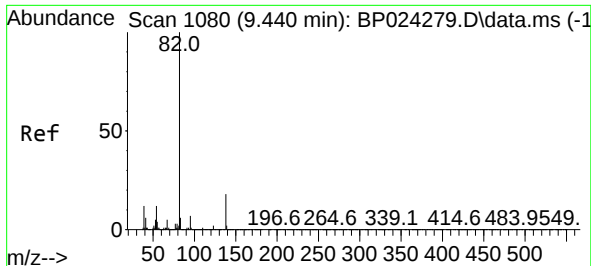
Tgt Ion: 82 Resp: 2066999
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 41.4 33.4 50.2



#24
Nitrobenzene
Concen: 47.684 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 77 Resp: 997269
Ion Ratio Lower Upper
77 100
123 49.0 39.2 58.8
65 12.6 9.8 14.6

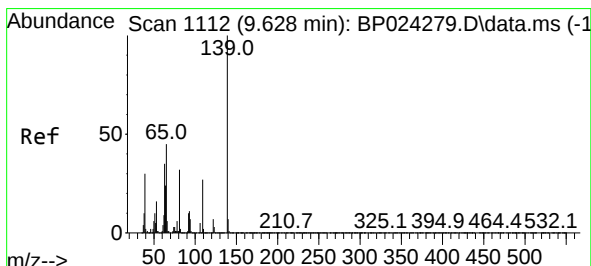
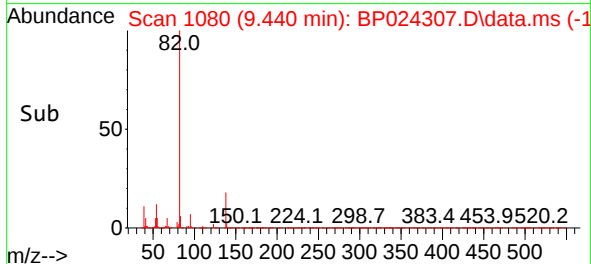
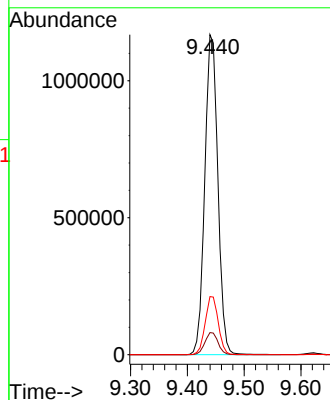
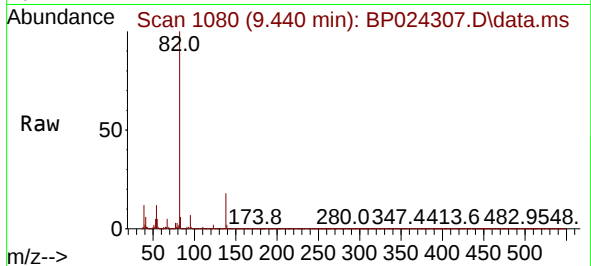




#25
Isophorone
Concen: 48.628 ng
RT: 9.440 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

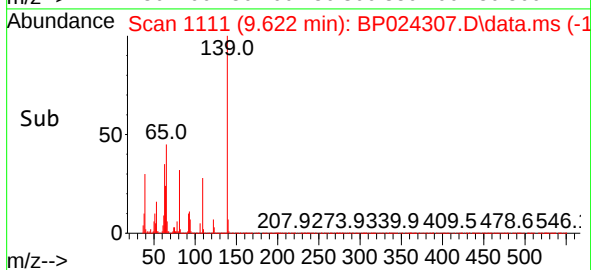
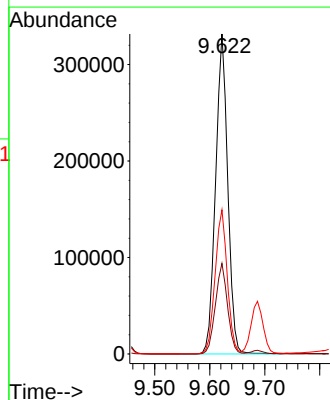
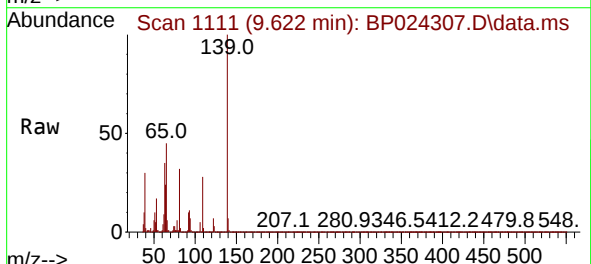
Instrument :
BNA_P
ClientSampleId :
PB167599BS

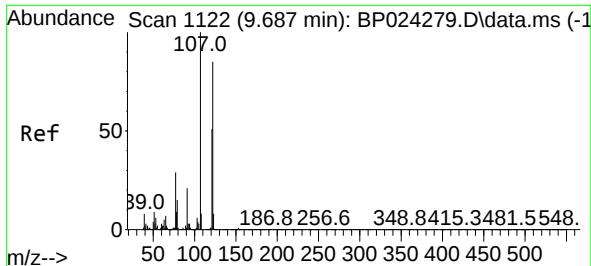
Tgt Ion: 82 Resp: 1860875
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.1 14.4 21.6



#26
2-Nitrophenol
Concen: 49.817 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 139 Resp: 509876
Ion Ratio Lower Upper
139 100
109 28.3 21.8 32.6
65 45.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 69.393 ng

RT: 9.687 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

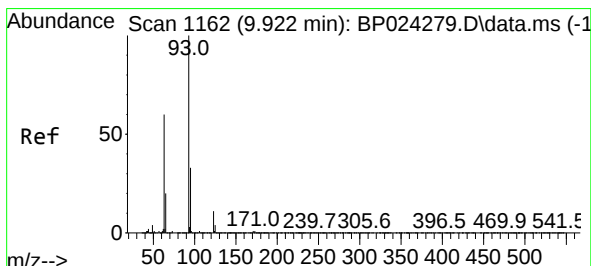
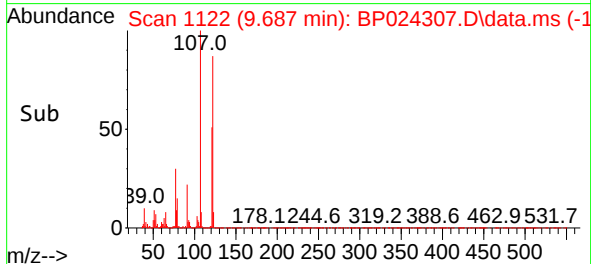
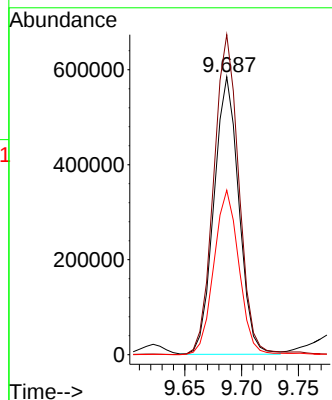
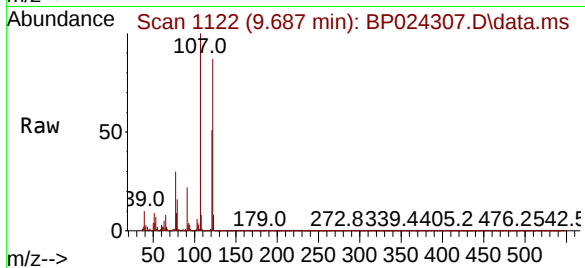
Tgt Ion:122 Resp: 891789

Ion Ratio Lower Upper

122 100

107 115.1 93.7 140.5

121 59.2 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 46.891 ng

RT: 9.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

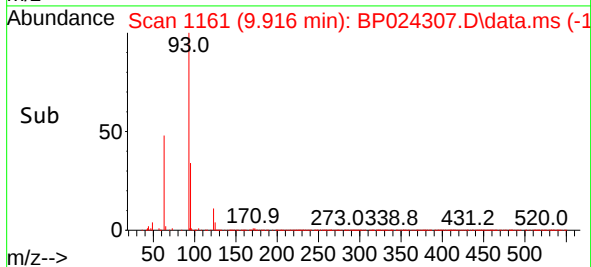
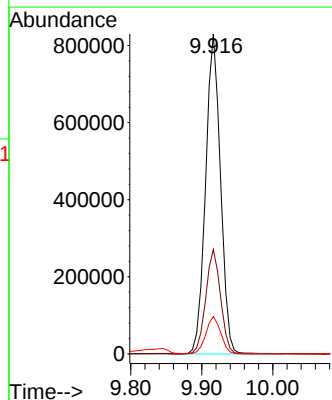
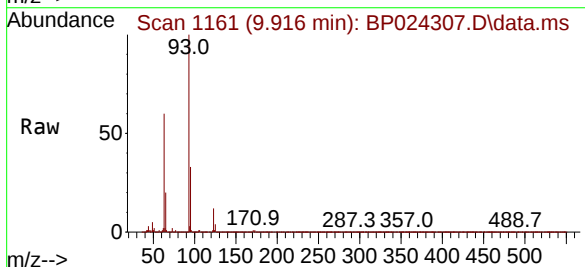
Tgt Ion: 93 Resp: 1212188

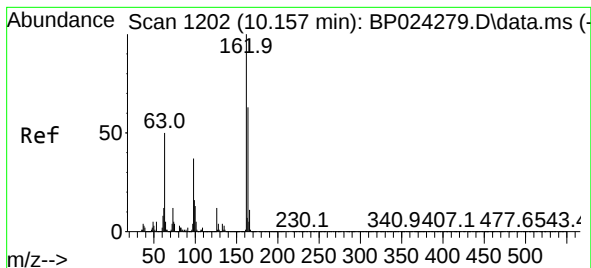
Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

123 11.7 9.1 13.7

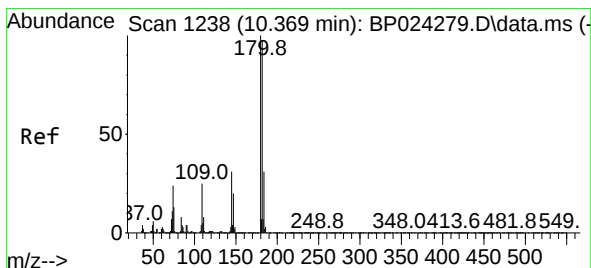
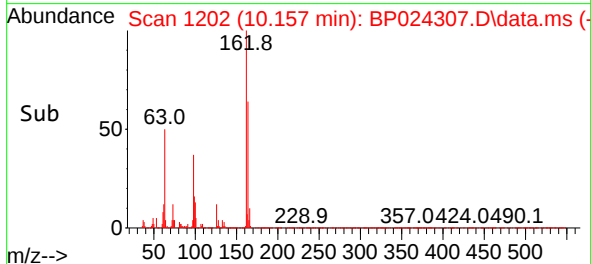
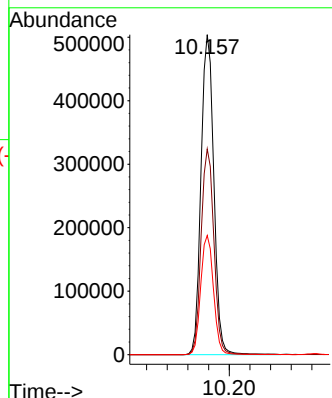
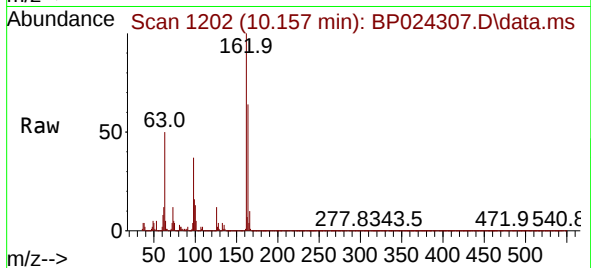




#29
2,4-Dichlorophenol
Concen: 49.517 ng
RT: 10.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

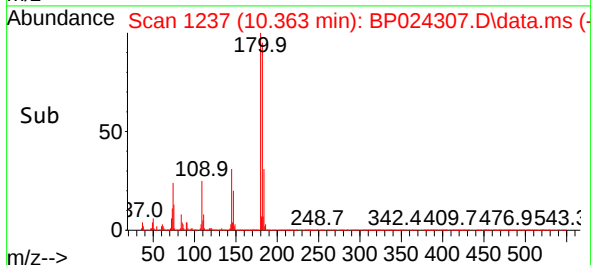
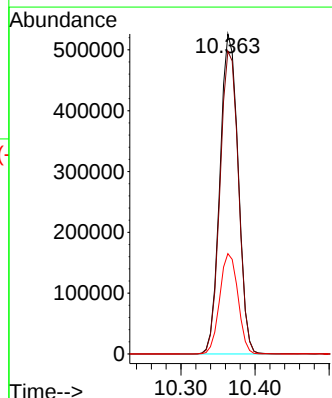
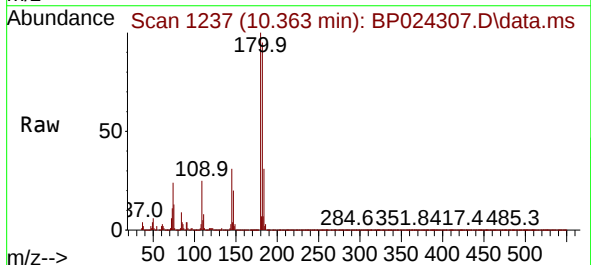
Instrument :
BNA_P
ClientSampleId :
PB167599BS

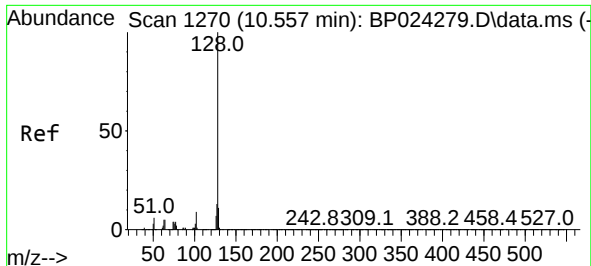
Tgt Ion:162 Resp: 867673
Ion Ratio Lower Upper
162 100
164 64.3 43.3 83.3
98 37.2 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 47.813 ng
RT: 10.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:180 Resp: 897647
Ion Ratio Lower Upper
180 100
182 94.6 77.3 115.9
145 31.3 25.1 37.7

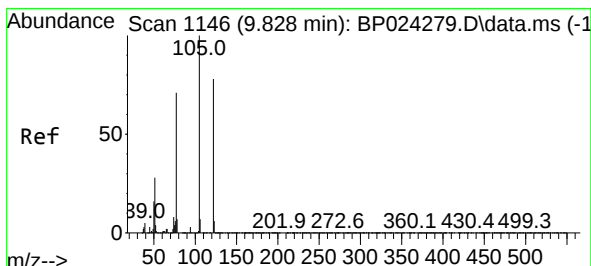
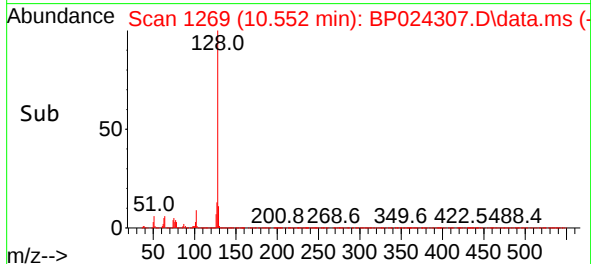
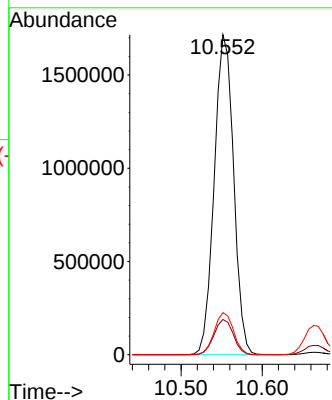
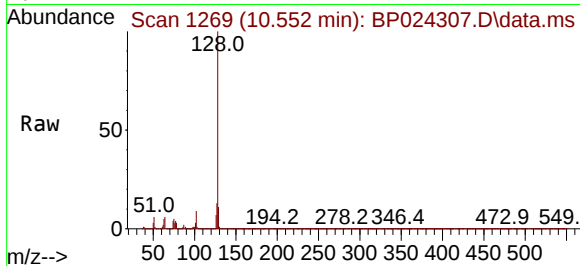




#31
Naphthalene
Concen: 44.816 ng
RT: 10.552 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

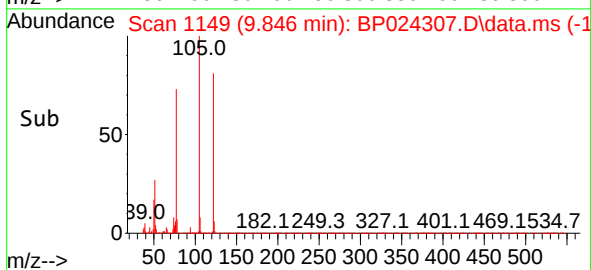
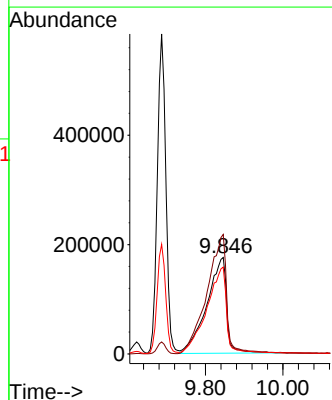
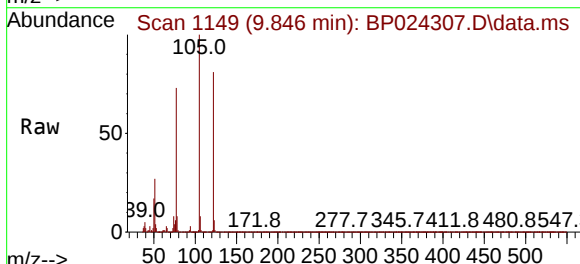
Instrument :
BNA_P
ClientSampleId :
PB167599BS

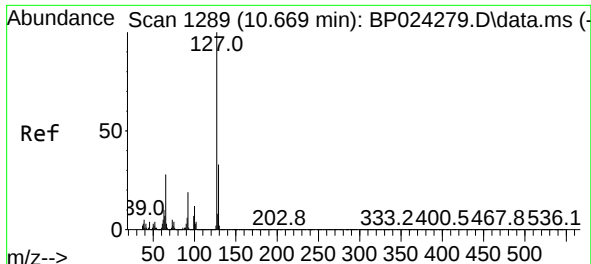
Tgt Ion:128 Resp: 2845867
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 41.775 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.029 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:122 Resp: 625565
Ion Ratio Lower Upper
122 100
105 123.8 104.8 144.8
77 90.0 69.2 109.2

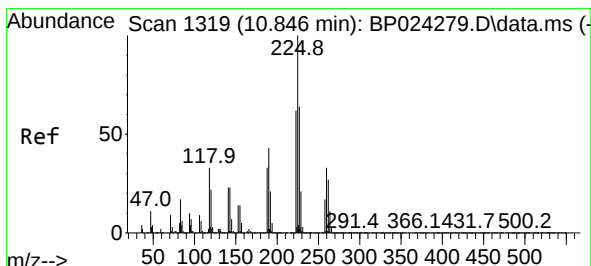
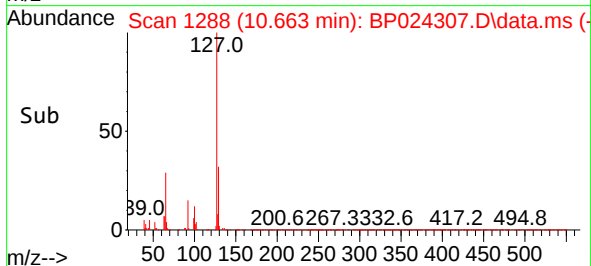
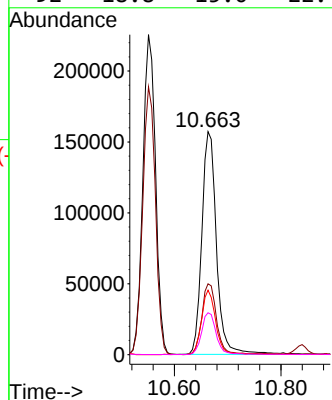
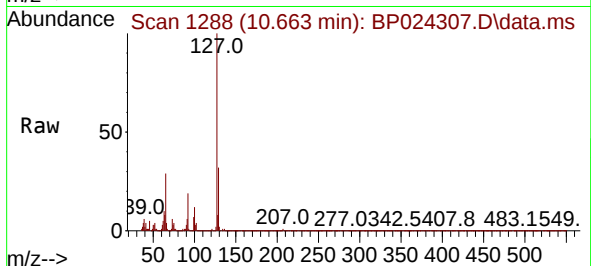




#33
4-Chloroaniline
Concen: 13.415 ng
RT: 10.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

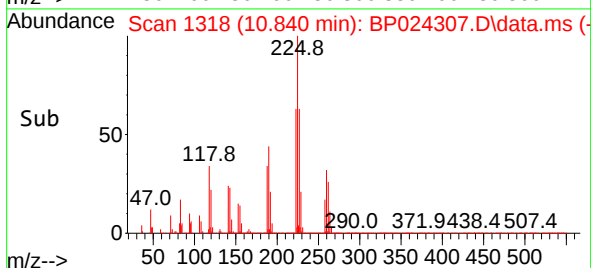
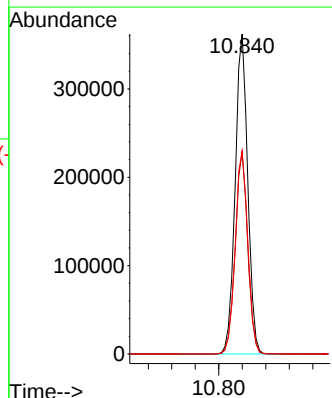
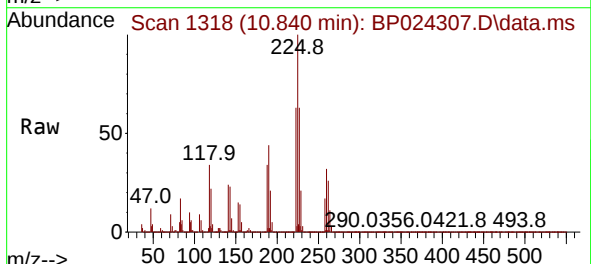
Instrument :
BNA_P
ClientSampleId :
PB167599BS

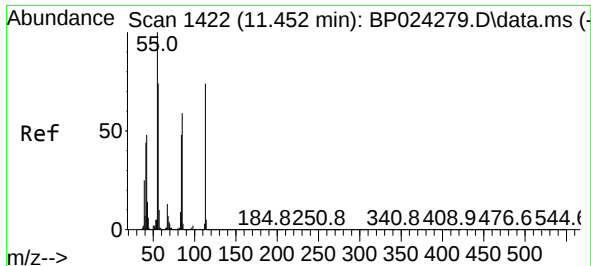
Tgt Ion:	127	Resp:	299999
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	28.9	22.1	33.1
92	18.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 48.624 ng
RT: 10.840 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:	225	Resp:	536427
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	63.5	50.9	76.3

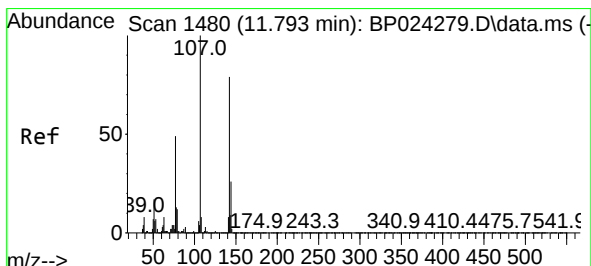
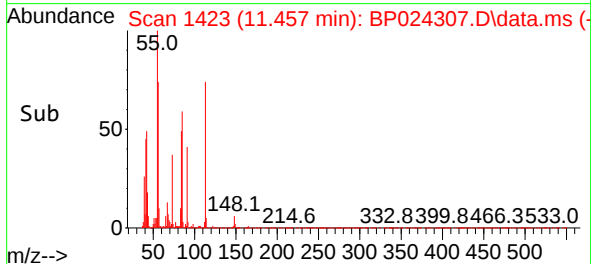
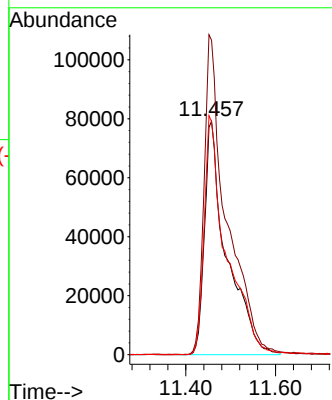
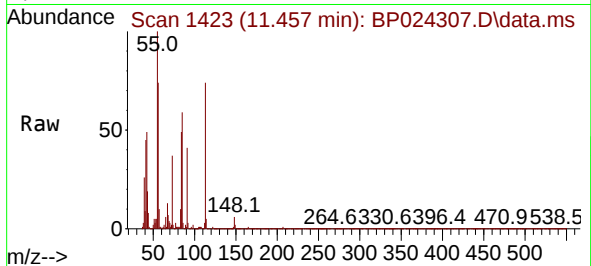




#35
Caprolactam
Concen: 41.761 ng
RT: 11.457 min Scan# 1423
Delta R.T. -0.023 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

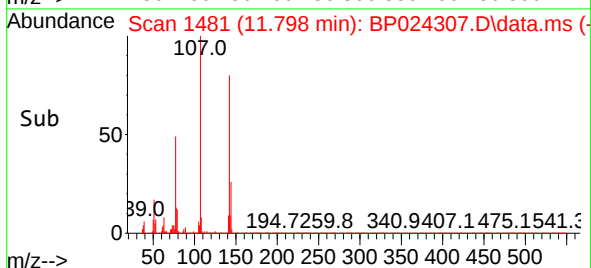
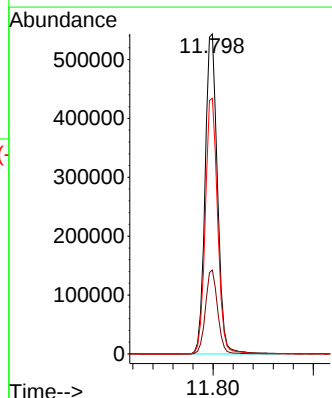
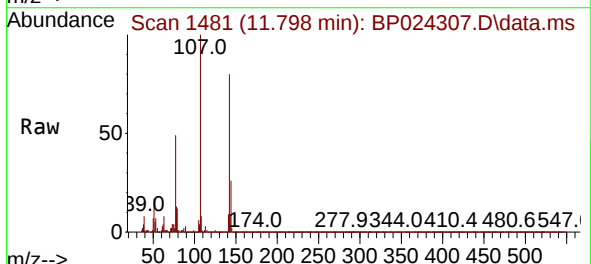
Instrument :
BNA_P
ClientSampleId :
PB167599BS

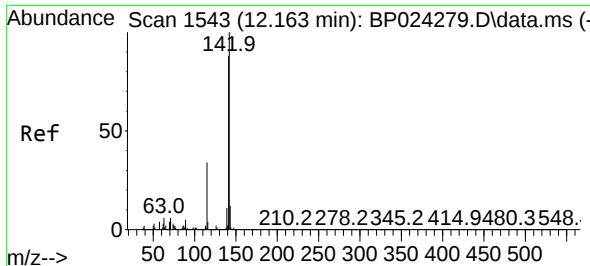
Tgt Ion:113 Resp: 270008
Ion Ratio Lower Upper
113 100
55 134.7 115.9 155.9
56 99.8 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 45.507 ng
RT: 11.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:107 Resp: 928778
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 79.9 63.4 95.2

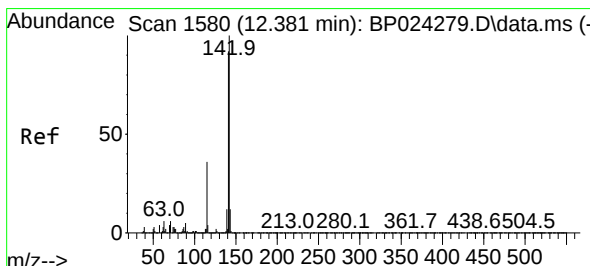
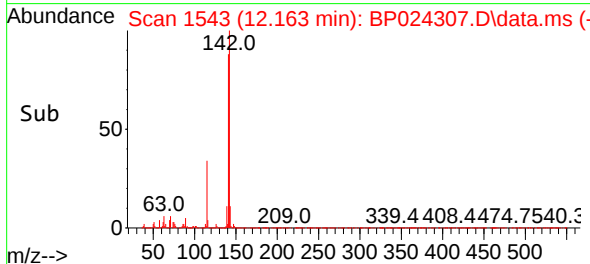
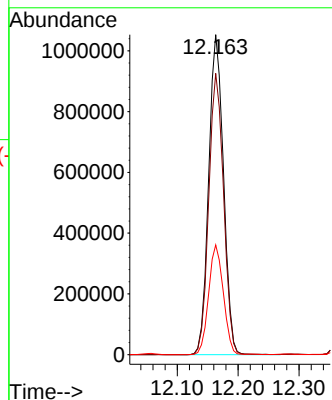
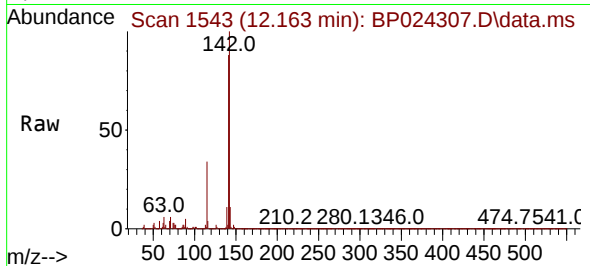




#37
2-Methylnaphthalene
Concen: 40.368 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

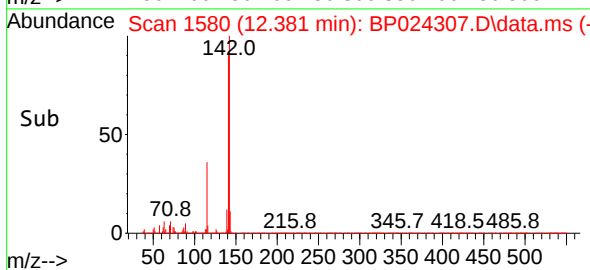
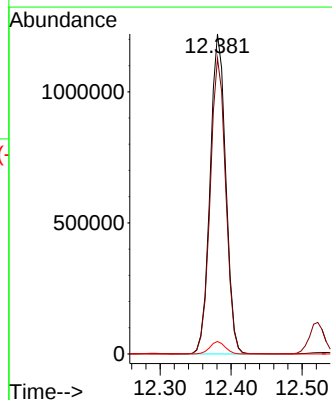
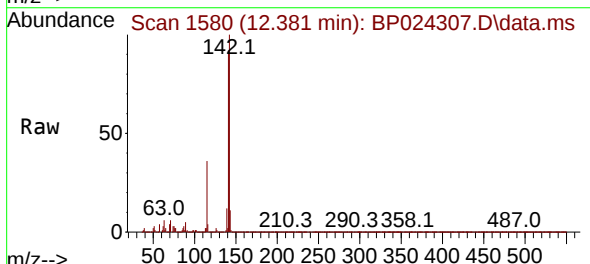
Instrument :
BNA_P
ClientSampleId :
PB167599BS

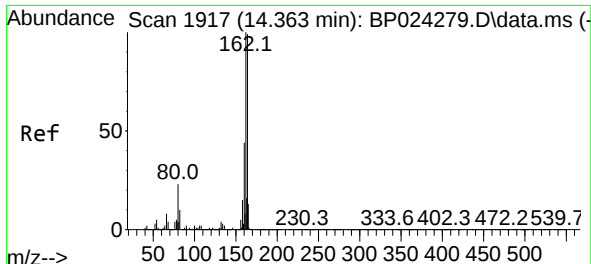
Tgt Ion:142 Resp: 1777803
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 34.3 26.9 40.3



#38
1-Methylnaphthalene
Concen: 43.309 ng
RT: 12.381 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:142 Resp: 1865879
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4
116 3.9 3.0 4.6

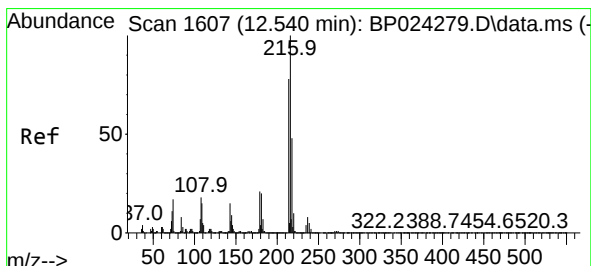
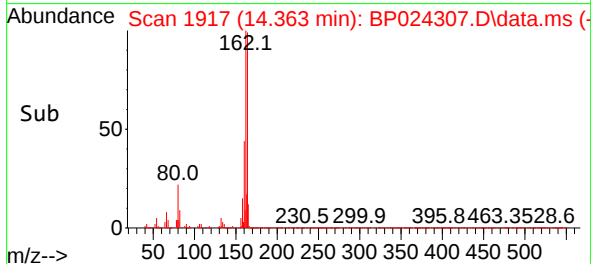
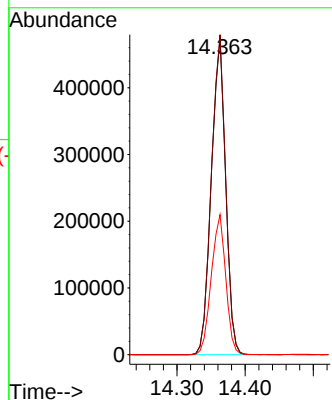
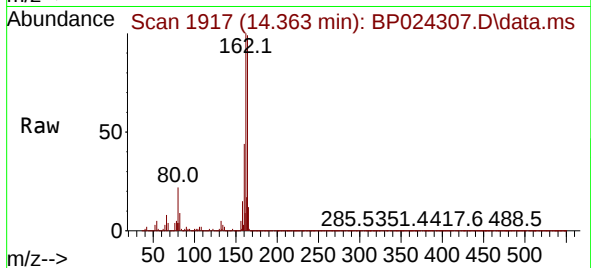




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

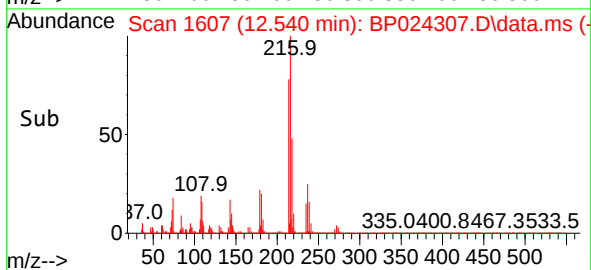
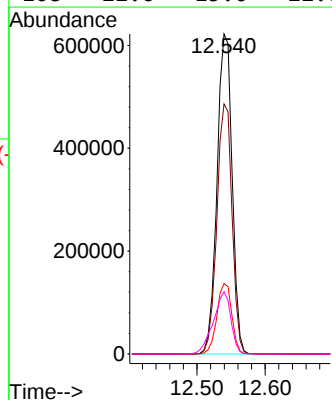
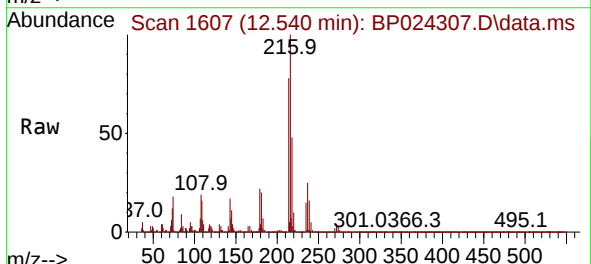
Instrument :
BNA_P
ClientSampleId :
PB167599BS

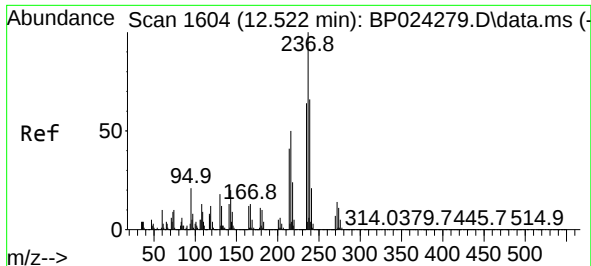
Tgt Ion:164 Resp: 692603
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.2 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.323 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:216 Resp: 958484
Ion Ratio Lower Upper
216 100
214 78.4 62.6 93.8
179 21.8 17.2 25.8
108 22.6 15.0 22.6#

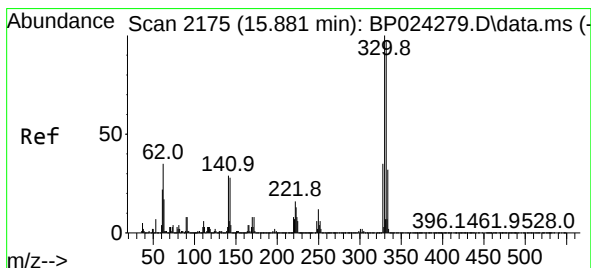
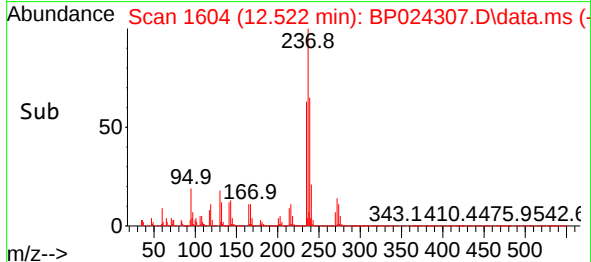
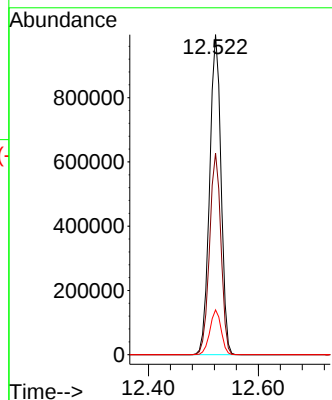
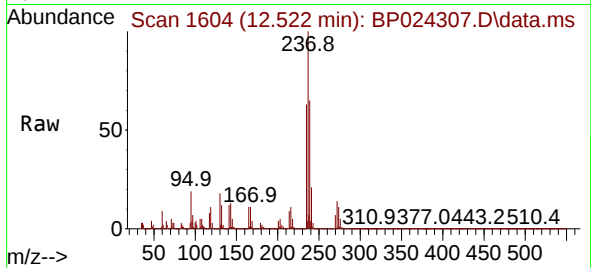




#41
Hexachlorocyclopentadiene
Concen: 212.151 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

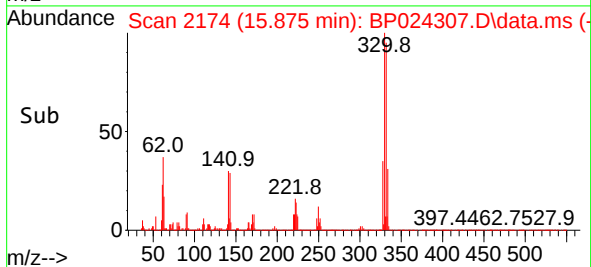
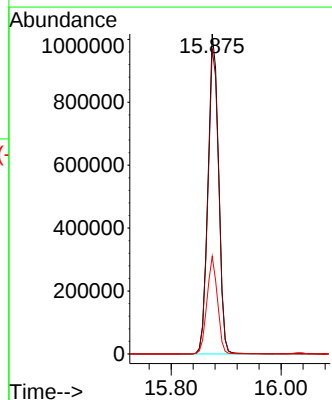
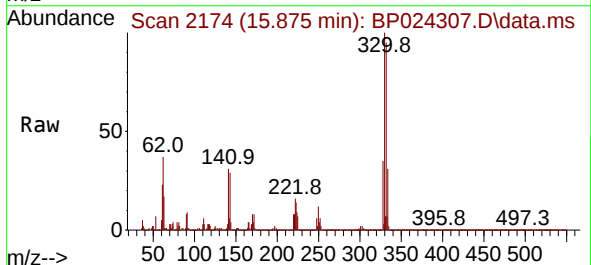
Instrument :
BNA_P
ClientSampleId :
PB167599BS

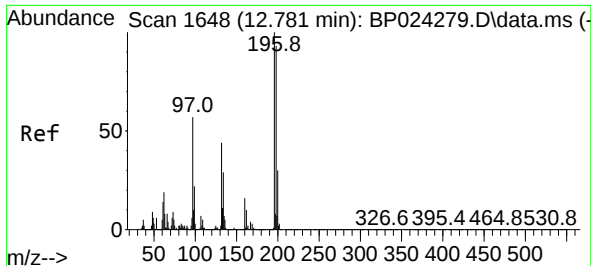
Tgt Ion:237 Resp: 1429111
Ion Ratio Lower Upper
237 100
235 63.0 43.9 83.9
272 14.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 142.246 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:330 Resp: 1363074
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 30.0 24.7 37.1

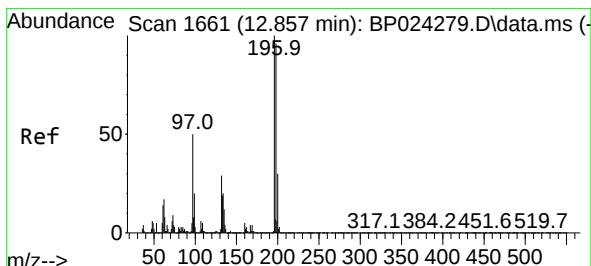
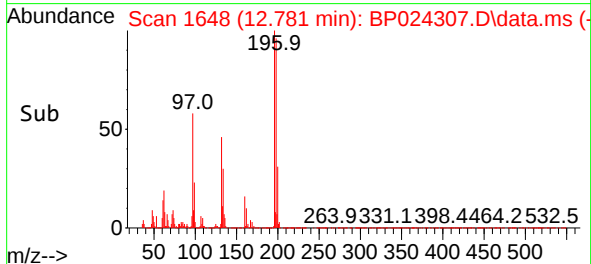
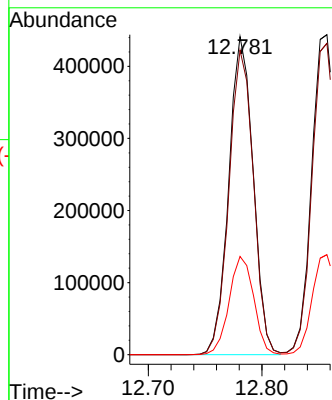
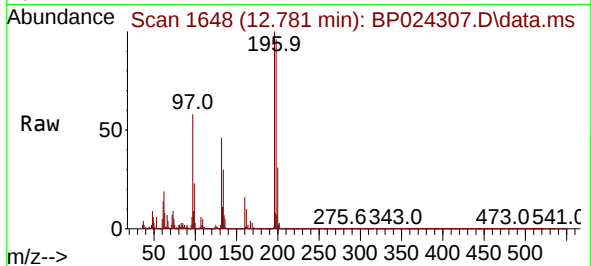




#43
2,4,6-Trichlorophenol
Concen: 52.046 ng
RT: 12.781 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

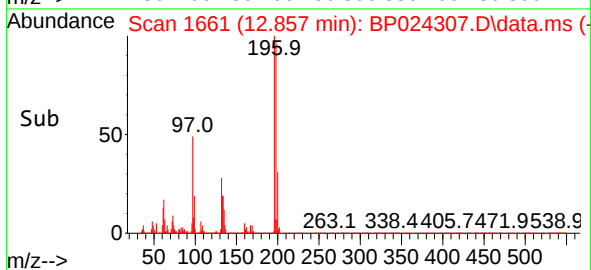
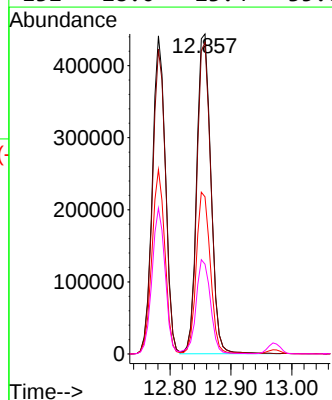
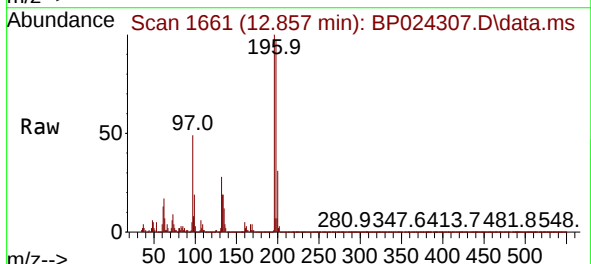
Instrument :
BNA_P
ClientSampleId :
PB167599BS

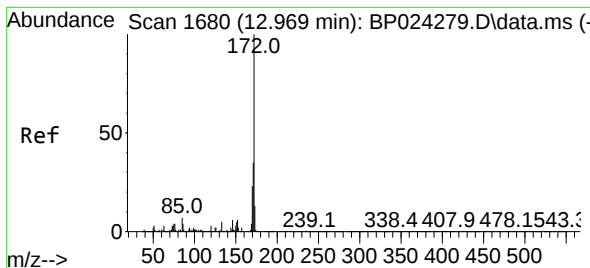
Tgt Ion:196 Resp: 659069
Ion Ratio Lower Upper
196 100
198 95.7 74.3 111.5
200 30.9 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 51.248 ng
RT: 12.857 min Scan# 1661
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:196 Resp: 718643
Ion Ratio Lower Upper
196 100
198 97.3 77.3 115.9
97 49.1 40.4 60.6
132 28.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 97.778 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

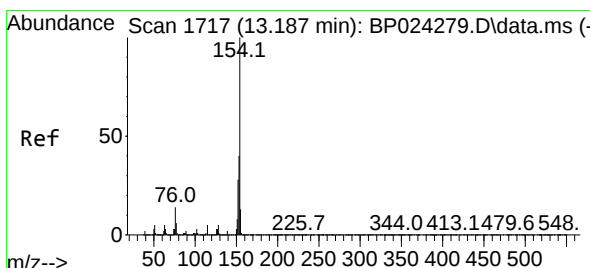
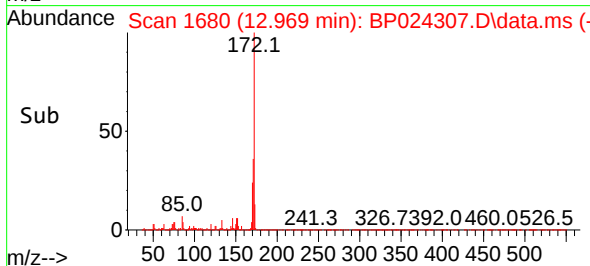
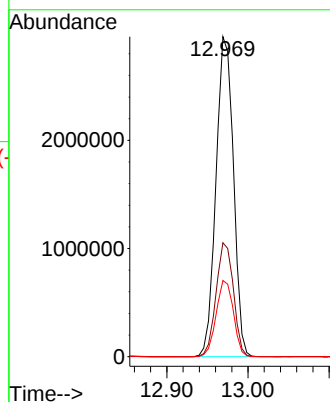
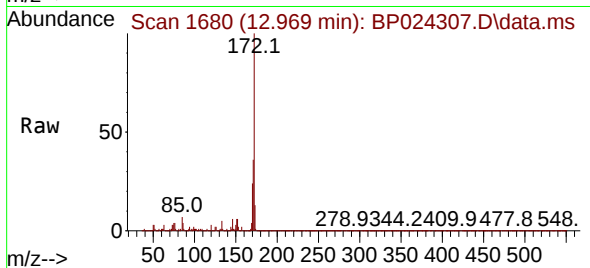
Tgt Ion:172 Resp: 4423000

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.8 18.6 27.8



#46

1,1'-Biphenyl

Concen: 48.351 ng

RT: 13.181 min Scan# 1716

Delta R.T. -0.018 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

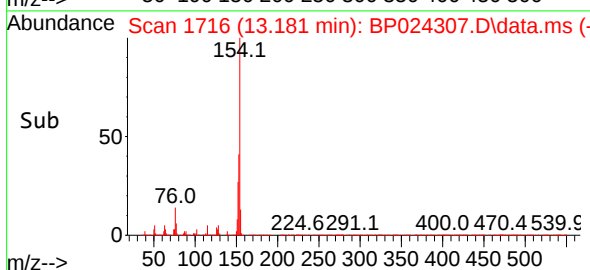
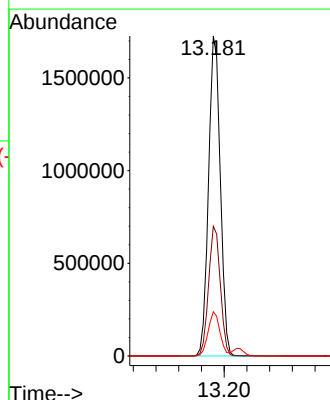
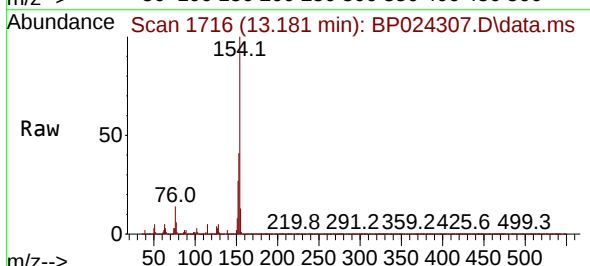
Tgt Ion:154 Resp: 2461557

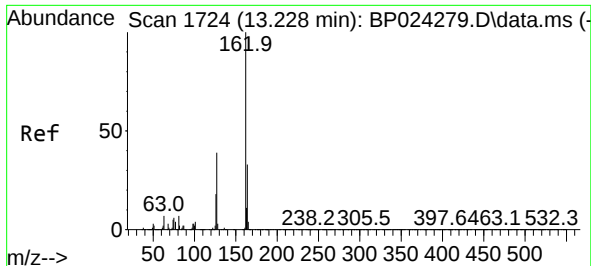
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.8 0.0 33.5

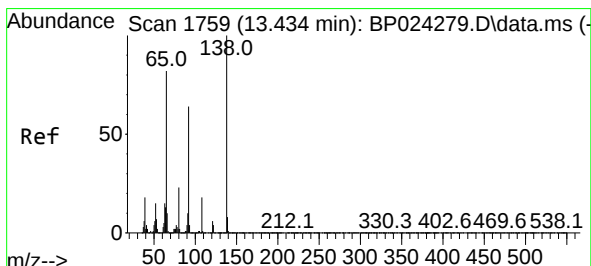
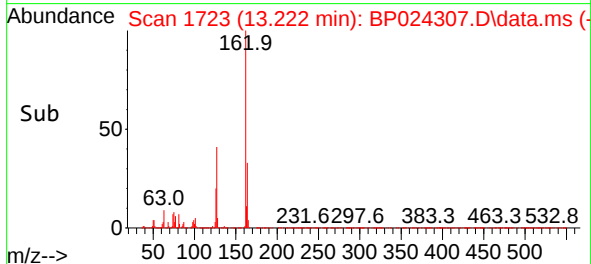
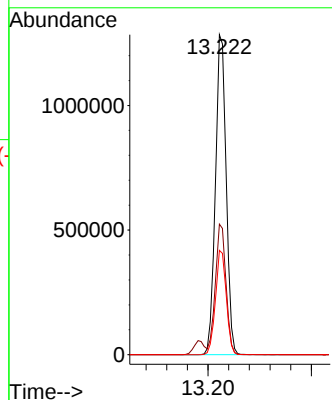
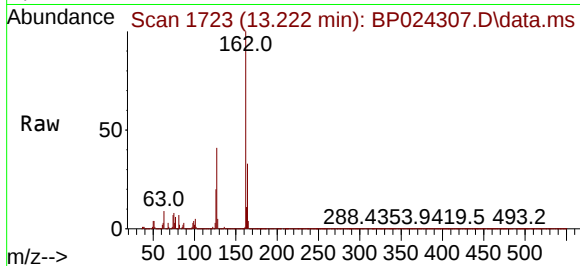




#47
2-Chloronaphthalene
Concen: 48.733 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

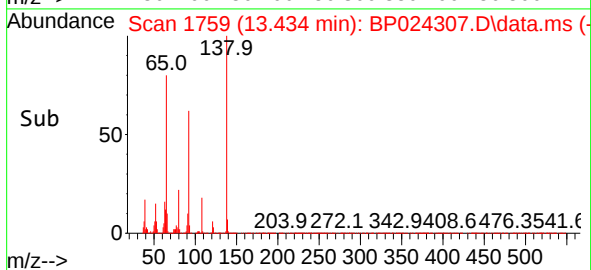
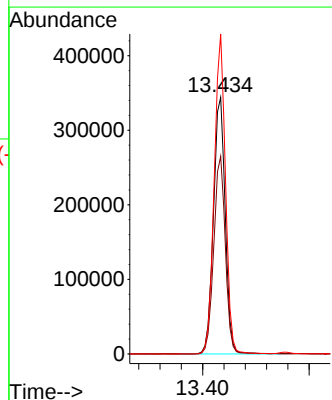
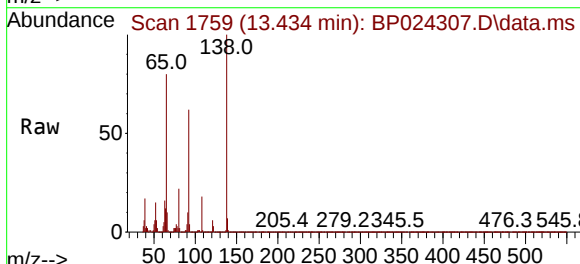
Instrument :
BNA_P
ClientSampleId :
PB167599BS

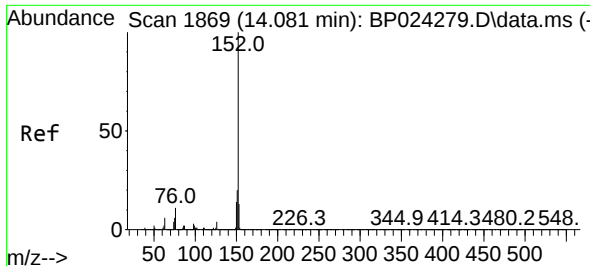
Tgt Ion:162 Resp: 1854265
Ion Ratio Lower Upper
162 100
127 40.8 31.9 47.9
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 49.658 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 65 Resp: 529997
Ion Ratio Lower Upper
65 100
92 76.9 62.3 93.5
138 124.7 97.2 145.8

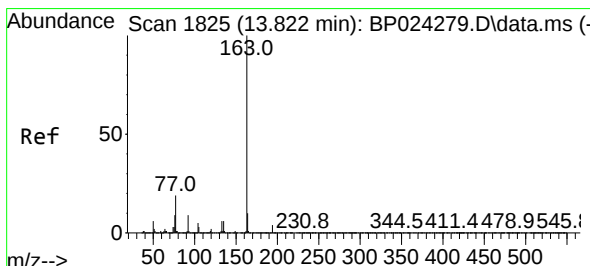
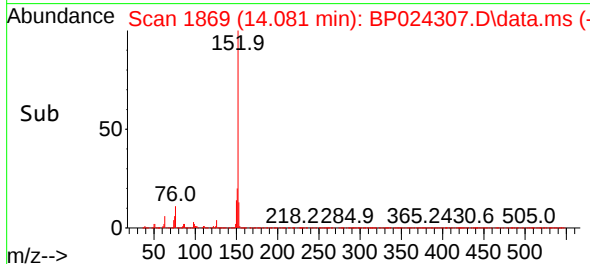
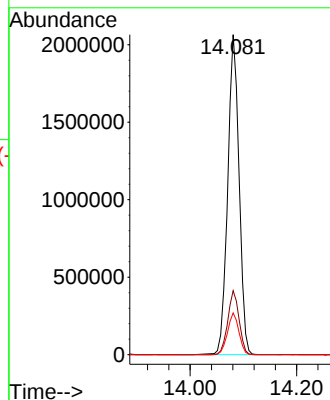
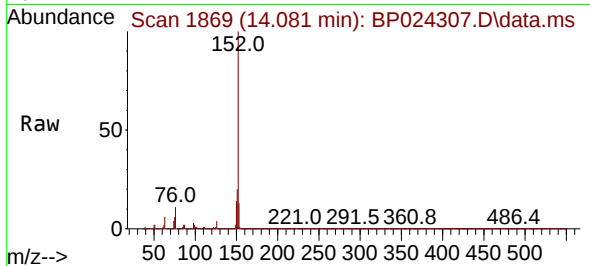




#49
Acenaphthylene
Concen: 51.065 ng
RT: 14.081 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

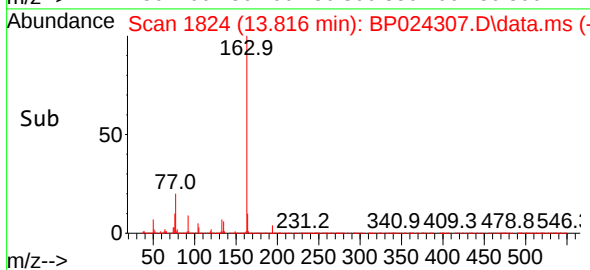
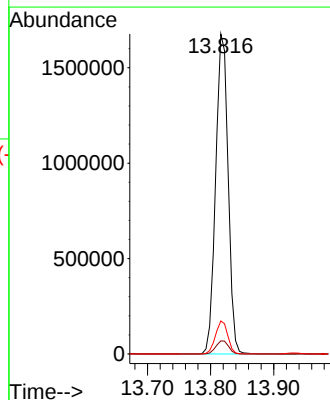
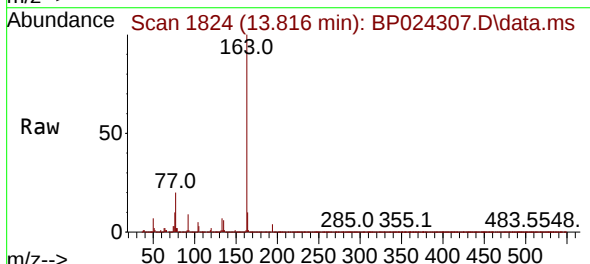
Instrument :
BNA_P
ClientSampleId :
PB167599BS

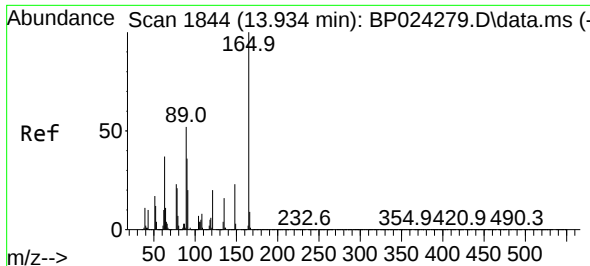
Tgt Ion:152 Resp: 3059129
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 45.545 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:163 Resp: 2293991
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.3 8.0 12.0

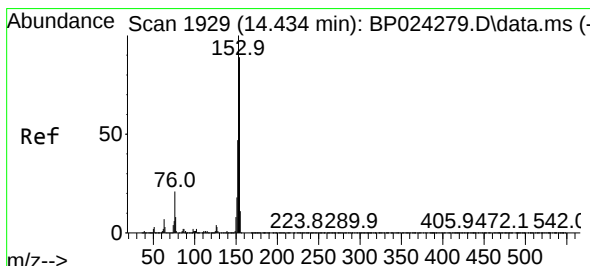
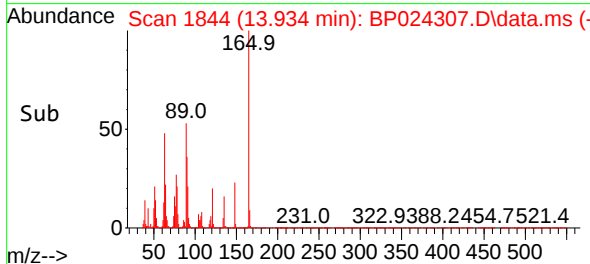
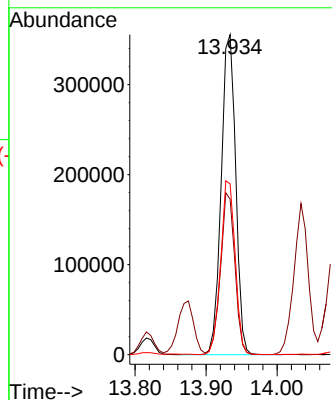
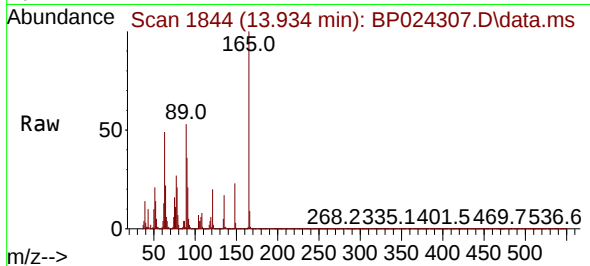




#51
2,6-Dinitrotoluene
Concen: 46.843 ng
RT: 13.934 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

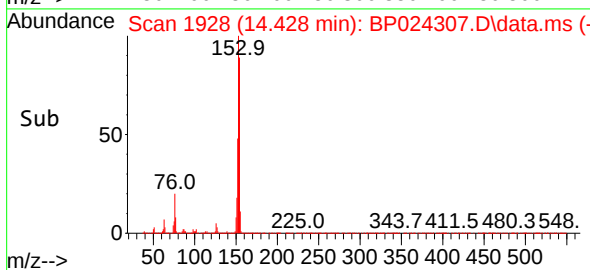
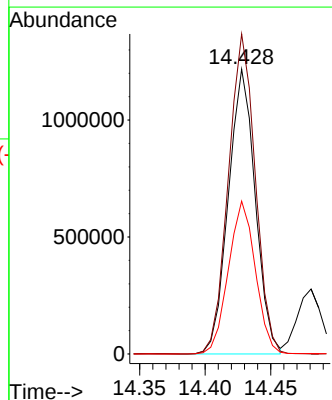
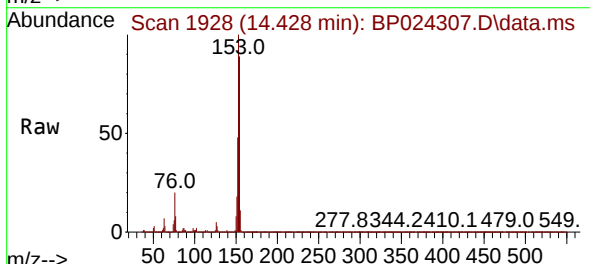
Instrument :
BNA_P
ClientSampleId :
PB167599BS

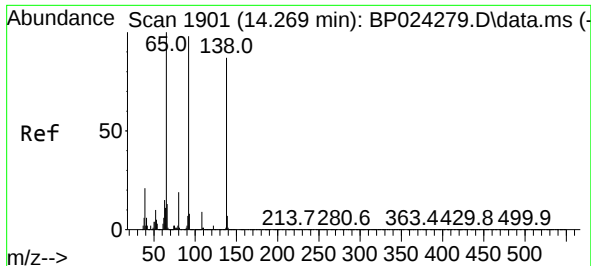
Tgt Ion:165 Resp: 501003
Ion Ratio Lower Upper
165 100
63 48.6 38.0 57.0
89 53.4 41.7 62.5



#52
Acenaphthene
Concen: 45.749 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:154 Resp: 1737493
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.6
152 53.6 42.6 63.8

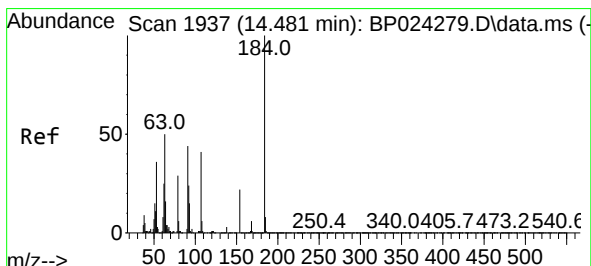
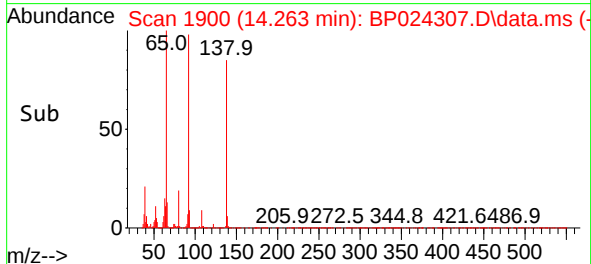
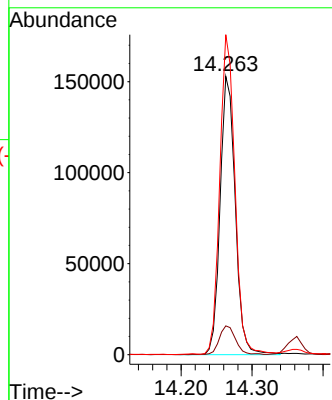
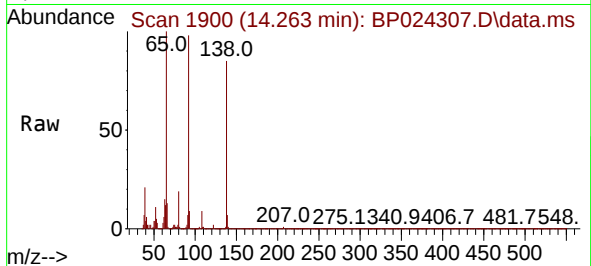




#53
3-Nitroaniline
Concen: 20.035 ng
RT: 14.263 min Scan# 1901
Delta R.T. -0.018 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

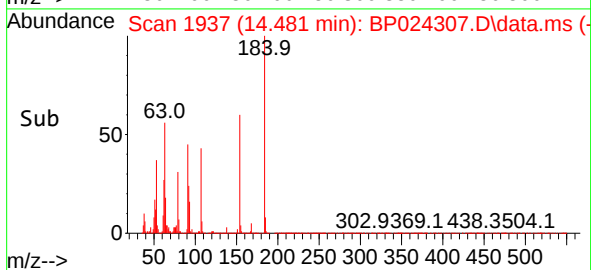
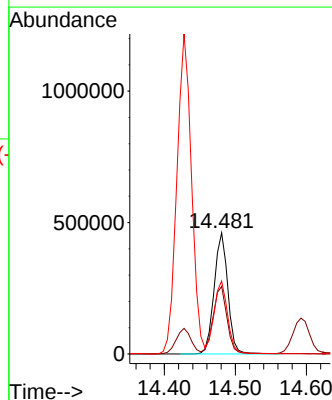
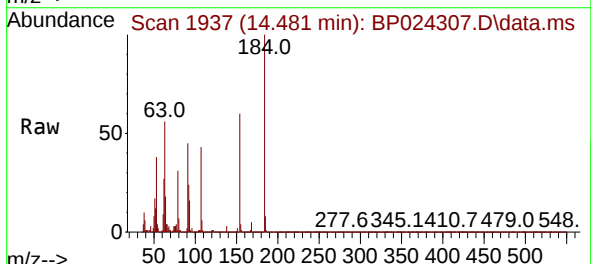
Instrument :
BNA_P
ClientSampleId :
PB167599BS

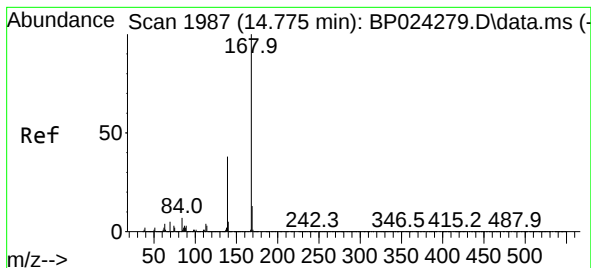
Tgt Ion:138 Resp: 225208
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 115.0 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 97.875 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:184 Resp: 616619
Ion Ratio Lower Upper
184 100
63 55.8 42.6 64.0
154 60.2 47.2 70.8





#55

Dibenzofuran

Concen: 44.352 ng

RT: 14.769 min Scan# 1986

Delta R.T. -0.012 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

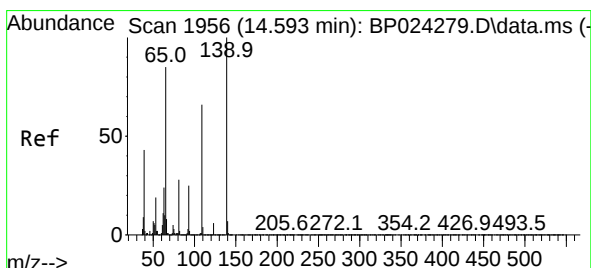
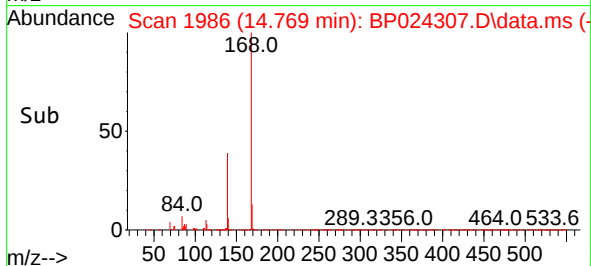
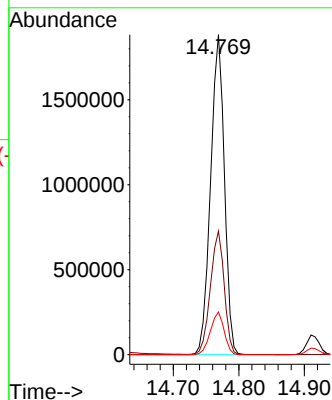
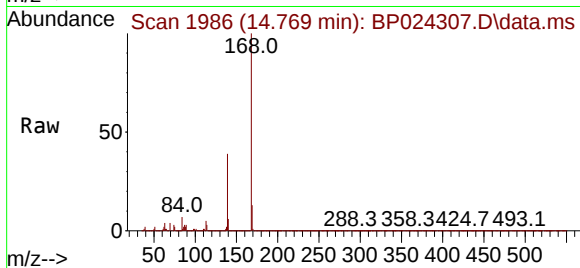
Tgt Ion:168 Resp: 2753340

Ion Ratio Lower Upper

168 100

139 38.6 30.3 45.5

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 96.107 ng

RT: 14.592 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

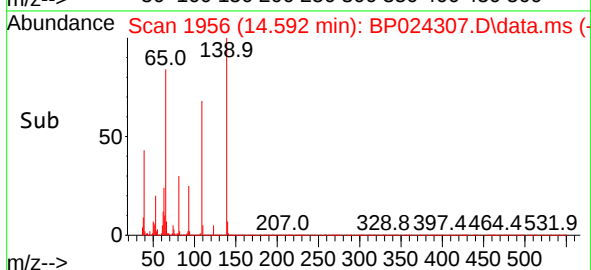
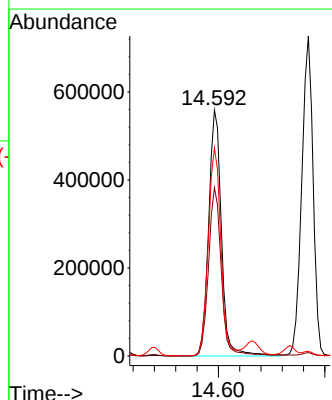
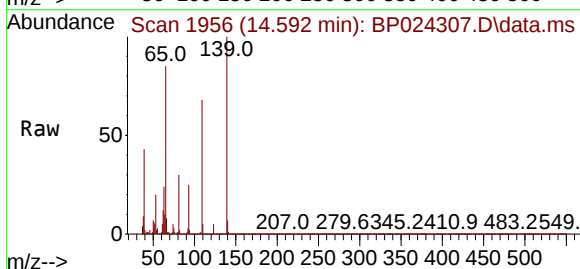
Tgt Ion:139 Resp: 933046

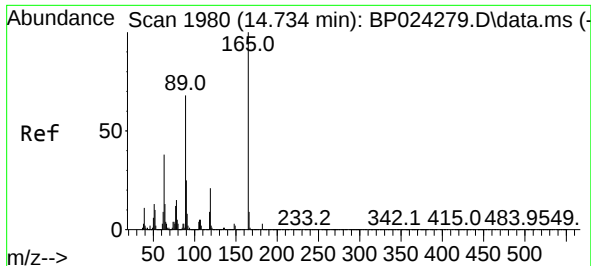
Ion Ratio Lower Upper

139 100

109 68.4 46.1 86.1

65 84.6 65.0 105.0

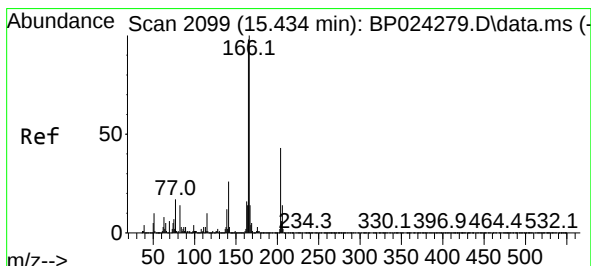
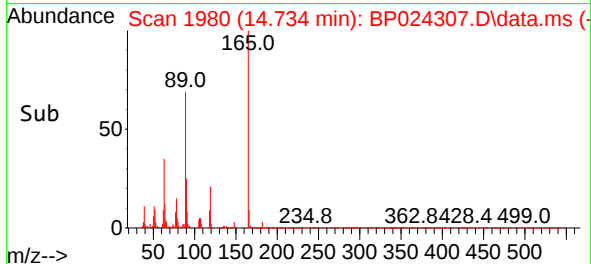
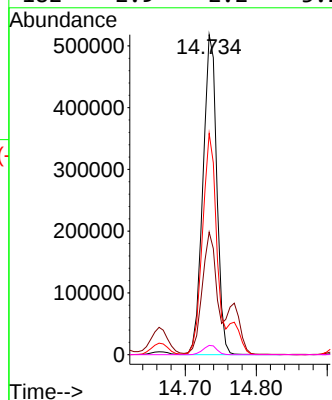
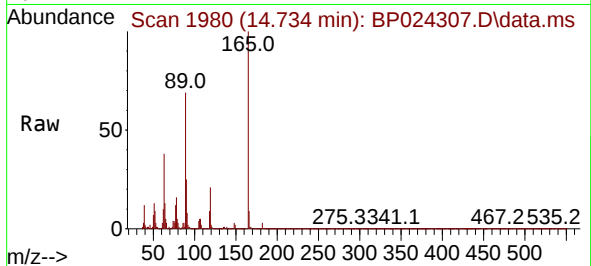




#57
2,4-Dinitrotoluene
Concen: 48.195 ng
RT: 14.734 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

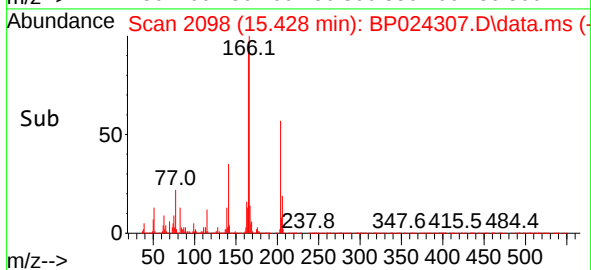
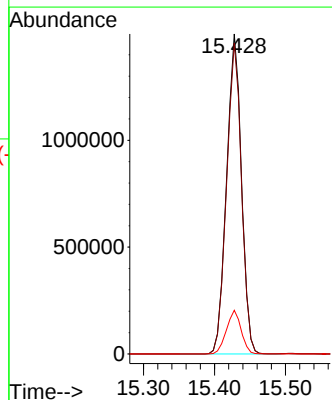
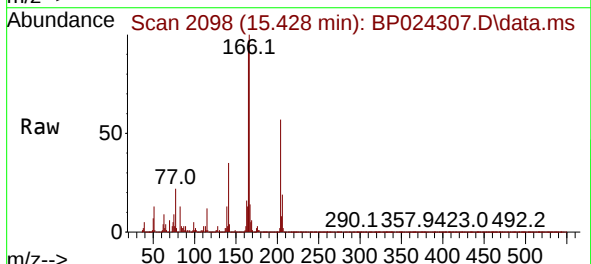
Instrument :
BNA_P
ClientSampleId :
PB167599BS

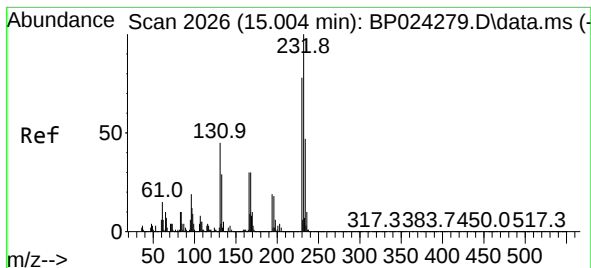
Tgt Ion:	165	Resp:	703152
Ion	Ratio	Lower	Upper
165	100		
63	38.3	30.4	45.6
89	69.1	54.6	82.0
182	2.9	2.2	3.2



#58
Fluorene
Concen: 45.130 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:	166	Resp:	2168790
Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.6	10.9	16.3

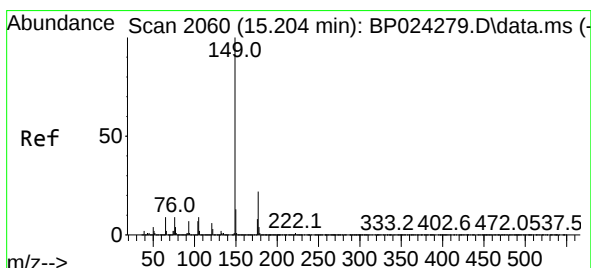
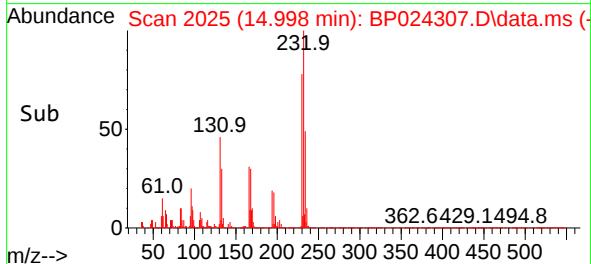
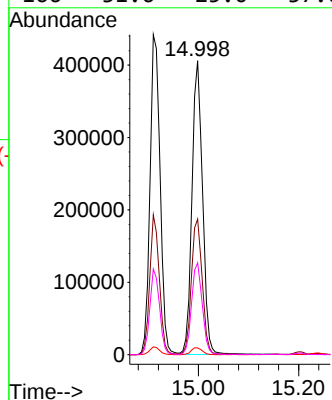
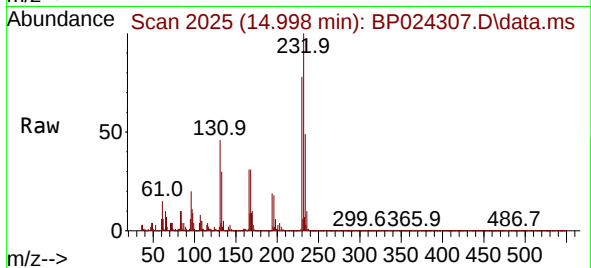




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.103 ng
RT: 14.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

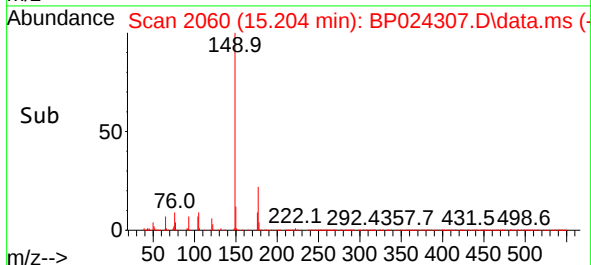
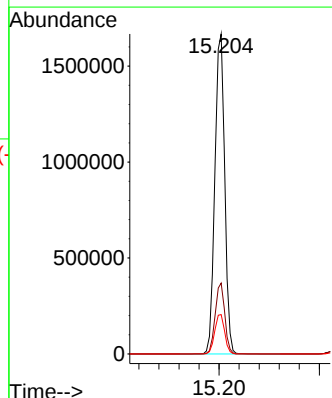
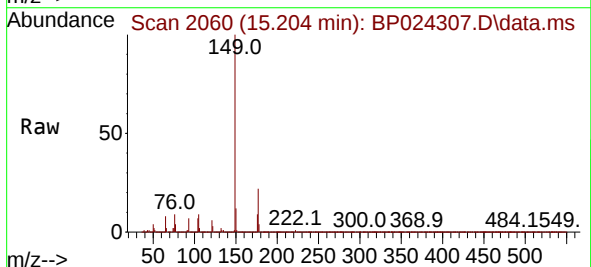
Instrument :
BNA_P
ClientSampleId :
PB167599BS

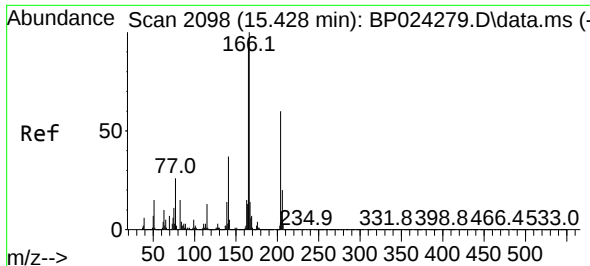
Tgt Ion:232 Resp: 596270
Ion Ratio Lower Upper
232 100
131 47.0 36.8 55.2
130 2.4 1.9 2.9
166 31.6 25.0 37.6



#60
Diethylphthalate
Concen: 43.563 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.018 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:149 Resp: 2261118
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 12.3 10.1 15.1

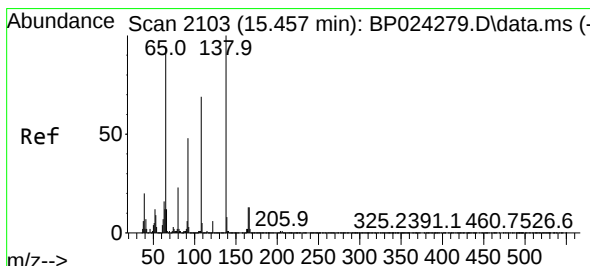
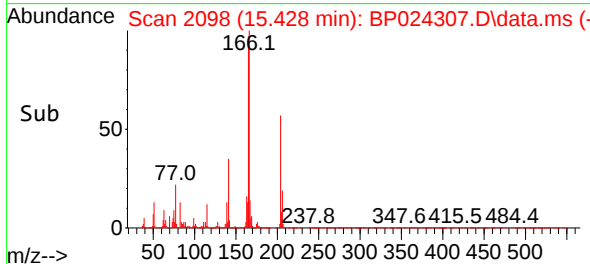
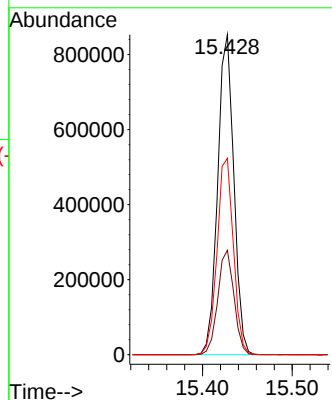
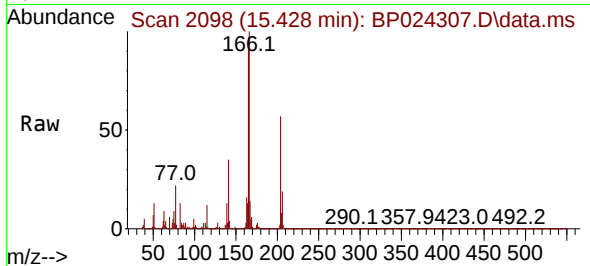




#61
4-Chlorophenyl-phenylether
Concen: 45.602 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

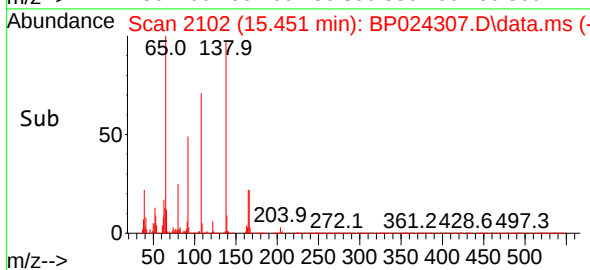
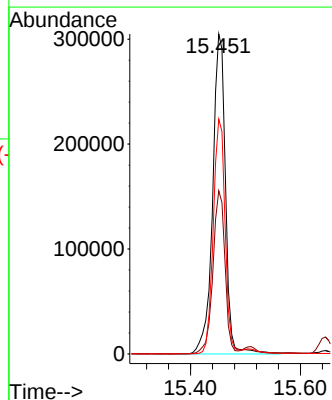
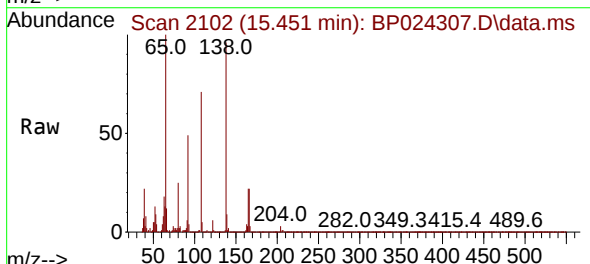
Instrument :
BNA_P
ClientSampleId :
PB167599BS

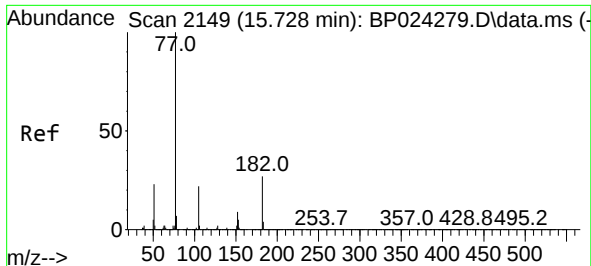
Tgt Ion:204 Resp: 1064188
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 61.3 49.4 74.0



#62
4-Nitroaniline
Concen: 41.599 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:138 Resp: 495024
Ion Ratio Lower Upper
138 100
92 51.0 27.8 67.8
108 73.4 48.9 88.9



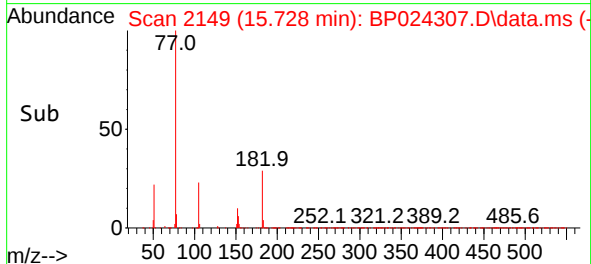
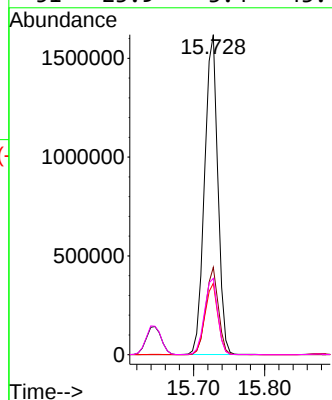
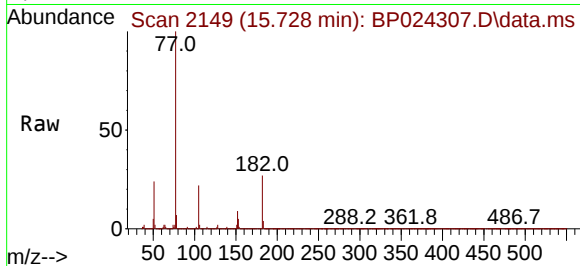


#63
Azobenzene
Concen: 44.197 ng
RT: 15.728 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Instrument :
BNA_P
ClientSampleId :
PB167599BS

Tgt Ion: 77 Resp: 2108466

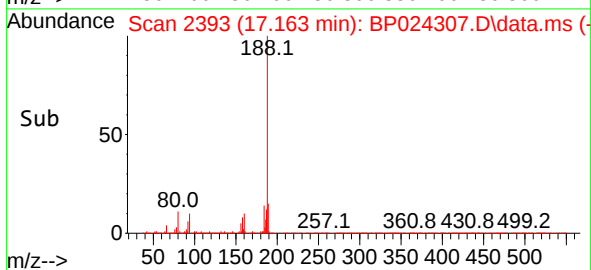
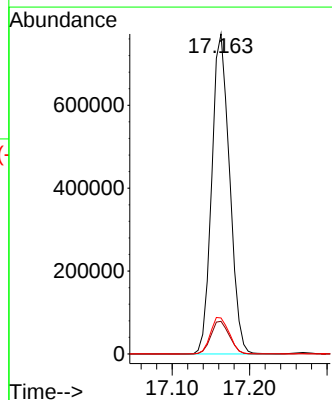
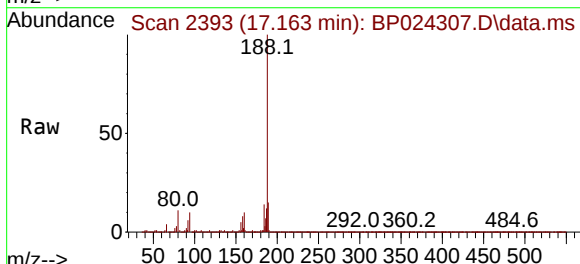
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.3	2.3	42.3
51	23.9	3.4	43.4

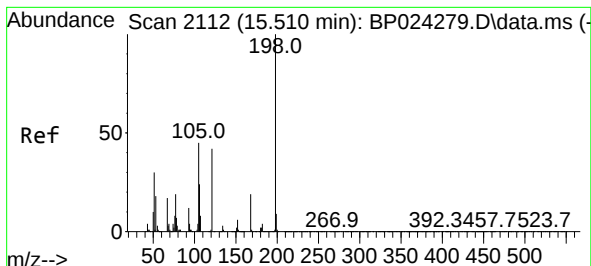


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.018 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion: 188 Resp: 1235309

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	13.0
80	11.2	9.8	14.6

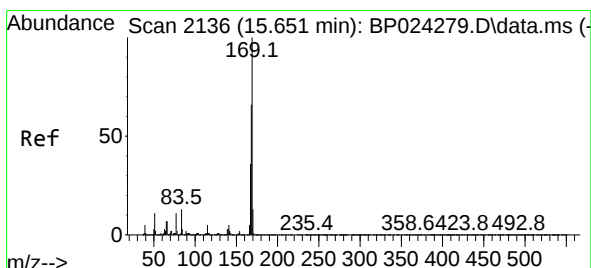
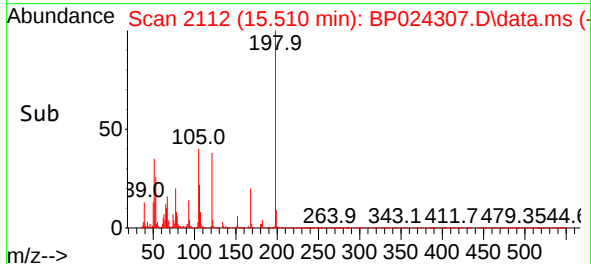
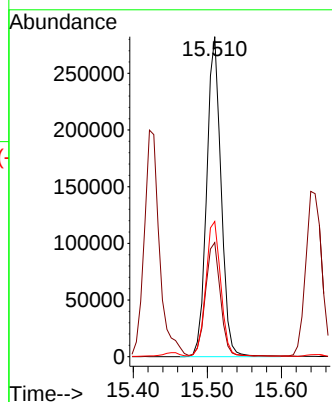
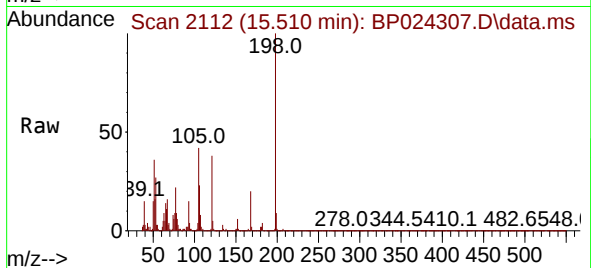




#65
4,6-Dinitro-2-methylphenol
Concen: 48.863 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.018 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

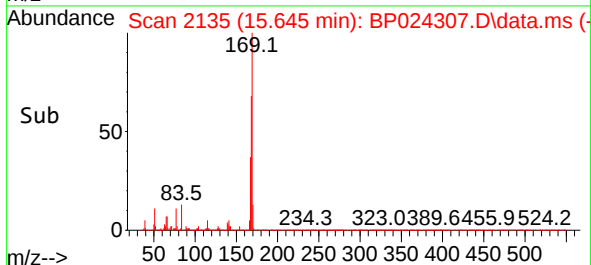
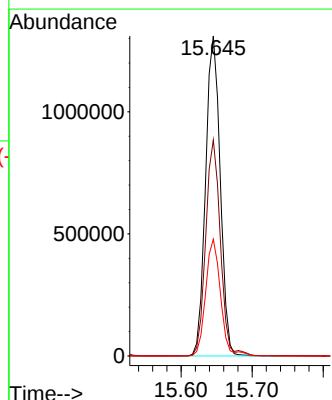
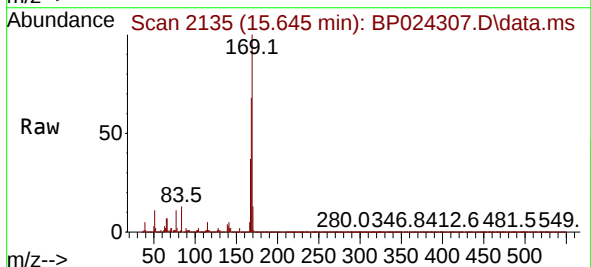
Instrument :
BNA_P
ClientSampleId :
PB167599BS

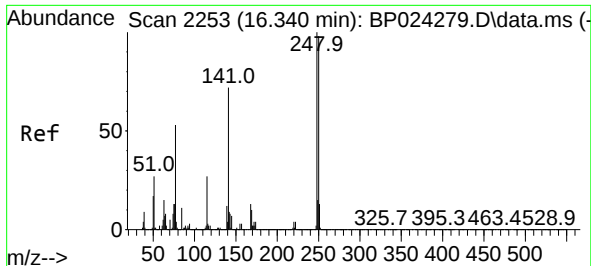
Tgt Ion:198 Resp: 380553
Ion Ratio Lower Upper
198 100
51 35.7 18.4 58.4
105 42.2 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 50.904 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:169 Resp: 1876900
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 36.5 28.9 43.3

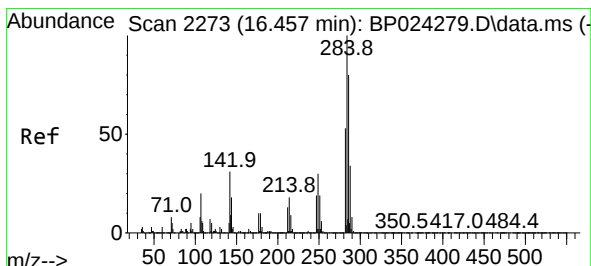
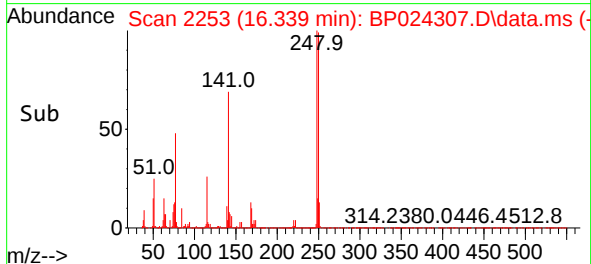
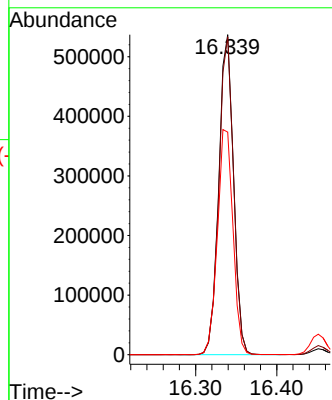
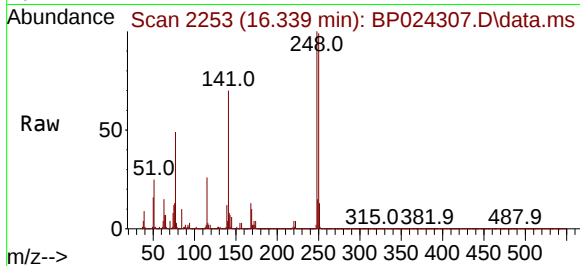




#67
4-Bromophenyl-phenylether
Concen: 50.449 ng
RT: 16.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

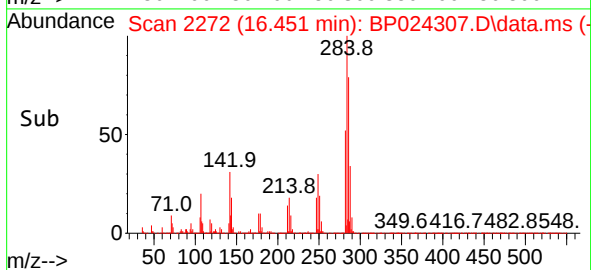
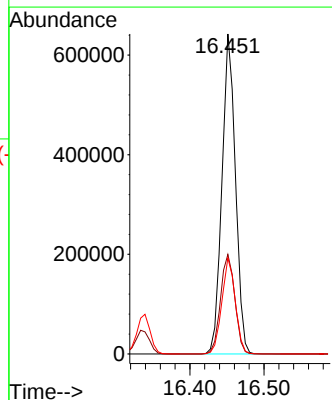
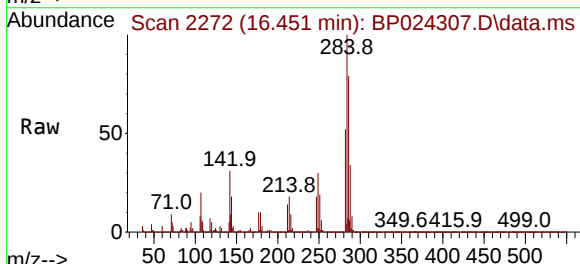
Instrument :
BNA_P
ClientSampleId :
PB167599BS

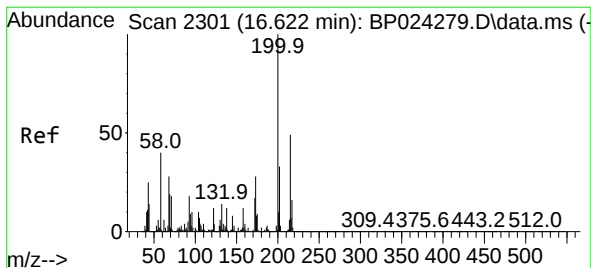
Tgt Ion:248 Resp: 681582
Ion Ratio Lower Upper
248 100
250 99.4 78.2 117.4
141 69.6 57.7 86.5



#68
Hexachlorobenzene
Concen: 50.591 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:284 Resp: 812194
Ion Ratio Lower Upper
284 100
142 31.1 24.6 37.0
249 30.0 23.8 35.6





#69

Atrazine

Concen: 67.161 ng

RT: 16.622 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

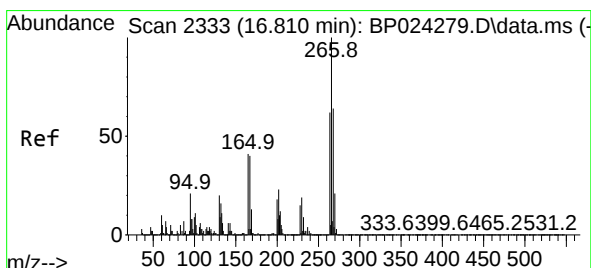
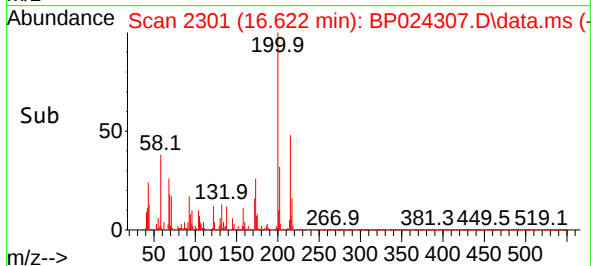
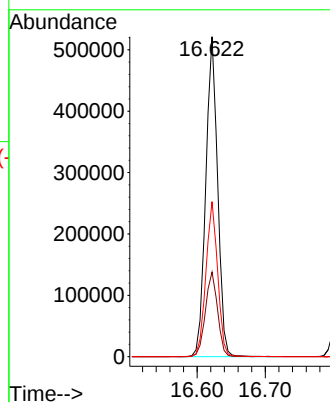
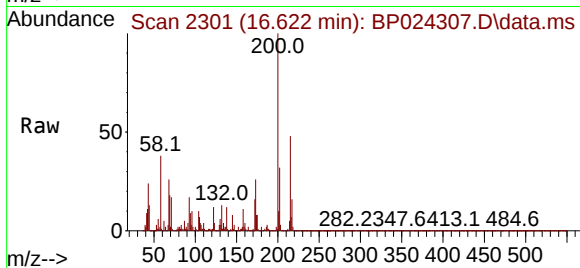
Tgt Ion:200 Resp: 630691

Ion Ratio Lower Upper

200 100

173 26.4 7.5 47.5

215 48.5 28.8 68.8



#70

Pentachlorophenol

Concen: 97.486 ng

RT: 16.816 min Scan# 2334

Delta R.T. -0.012 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

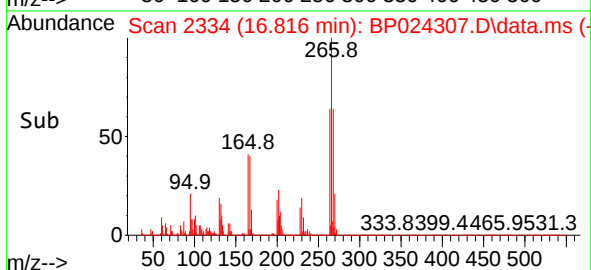
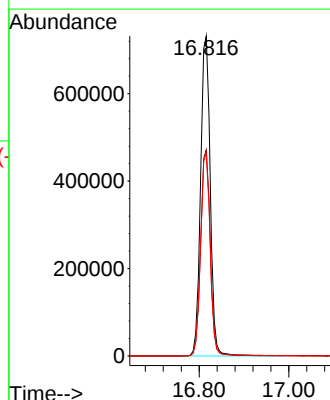
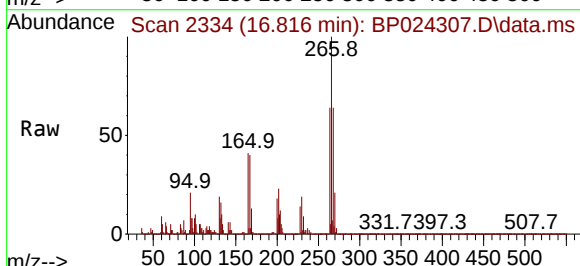
Tgt Ion:266 Resp: 1091811

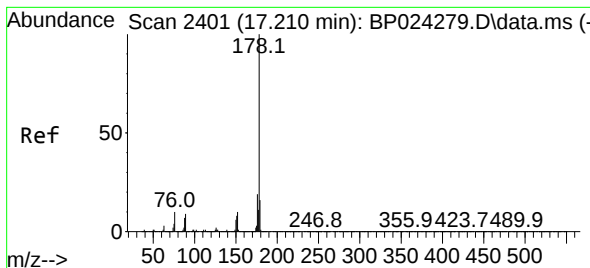
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 63.5 49.8 74.6





#71

Phenanthrene

Concen: 47.680 ng

RT: 17.210 min Scan# 2401

Delta R.T. -0.018 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

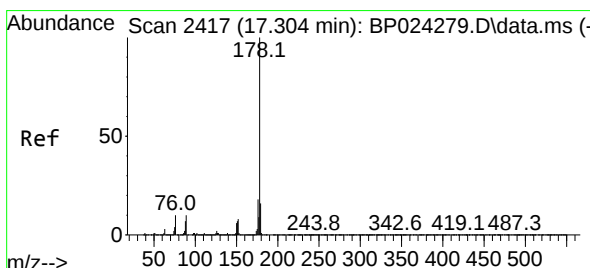
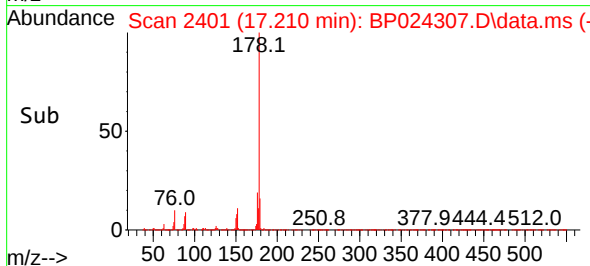
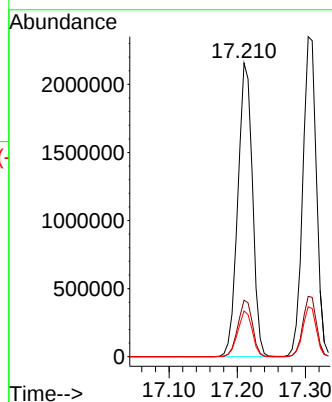
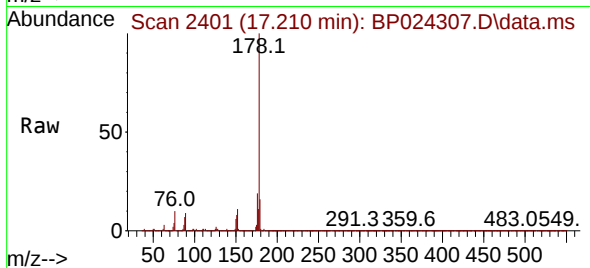
Tgt Ion:178 Resp: 3213132

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.6 12.5 18.7



#72

Anthracene

Concen: 50.730 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

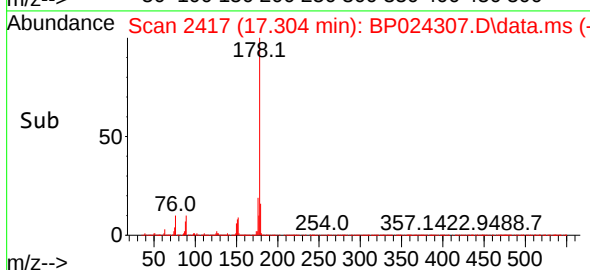
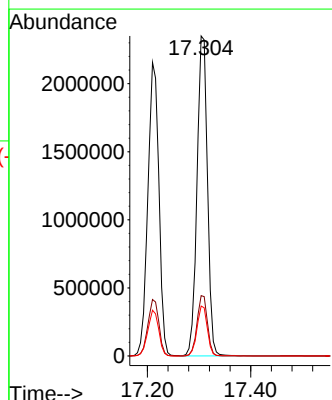
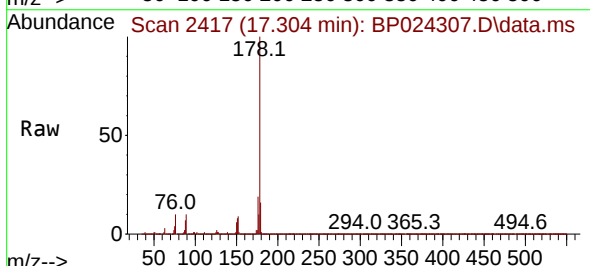
Tgt Ion:178 Resp: 3294916

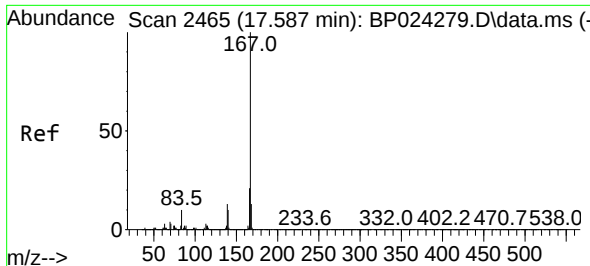
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.6 12.4 18.6



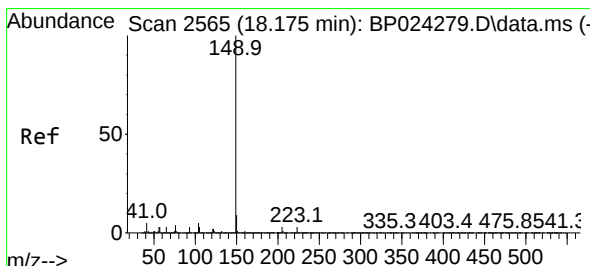
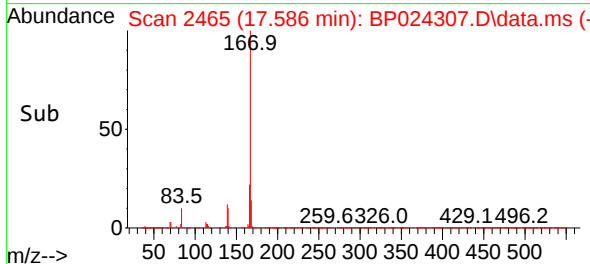
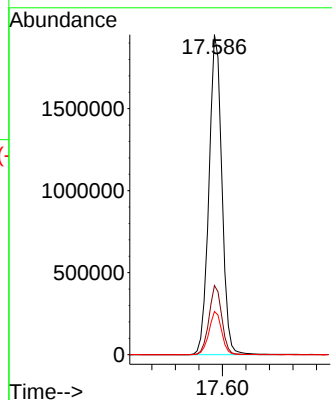
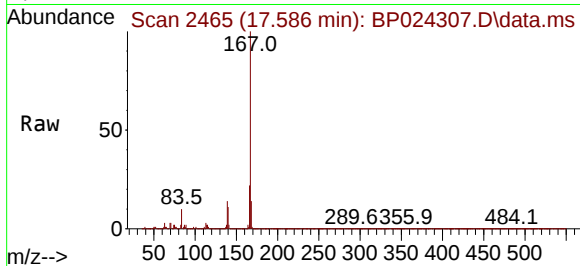


#73
 Carbazole
 Concen: 46.776 ng
 RT: 17.586 min Scan# 2465
 Delta R.T. -0.018 min
 Lab File: BP024307.D
 Acq: 16 Apr 2025 11:45

Instrument :
 BNA_P
 ClientSampleId :
 PB167599BS

Tgt Ion:167 Resp: 2968495

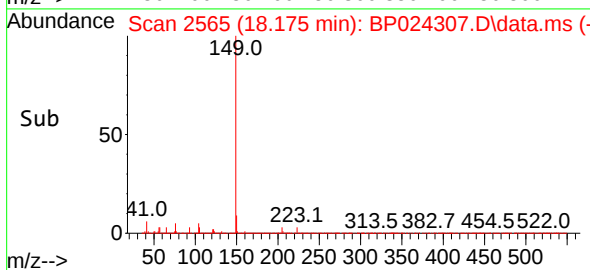
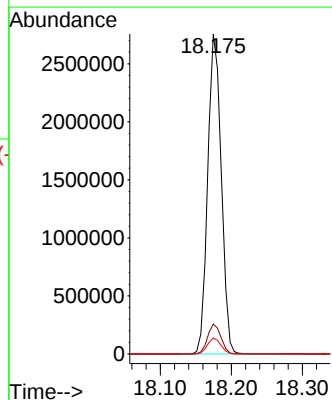
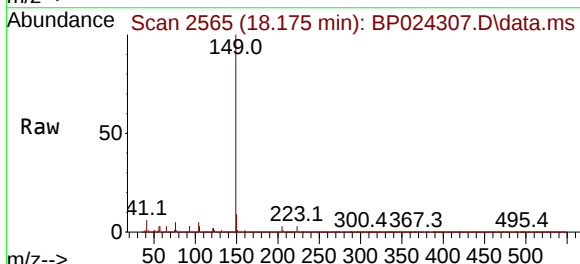
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.5	10.6	16.0

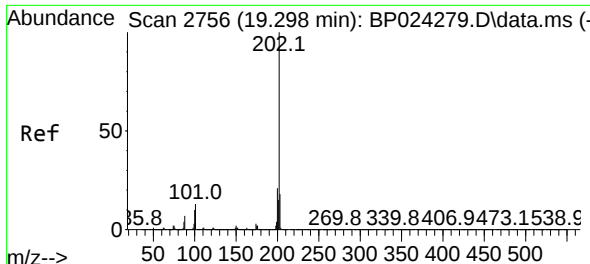


#74
 Di-n-butylphthalate
 Concen: 46.192 ng
 RT: 18.175 min Scan# 2565
 Delta R.T. -0.018 min
 Lab File: BP024307.D
 Acq: 16 Apr 2025 11:45

Tgt Ion:149 Resp: 3652140

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

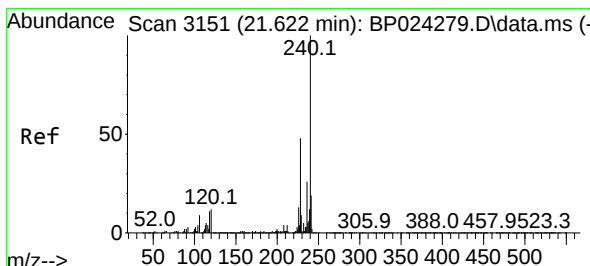
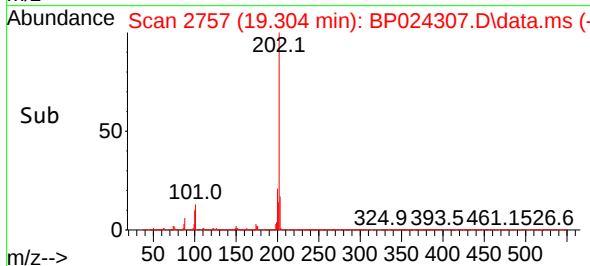
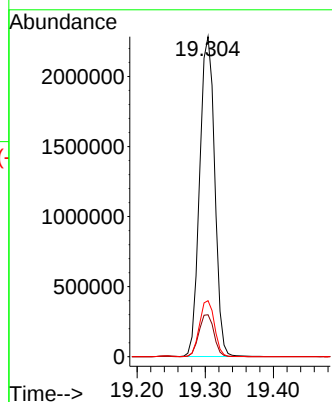
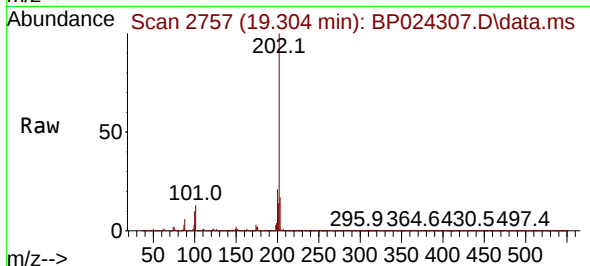




#75
Fluoranthene
Concen: 43.726 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

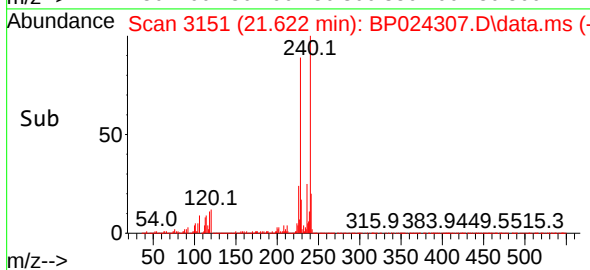
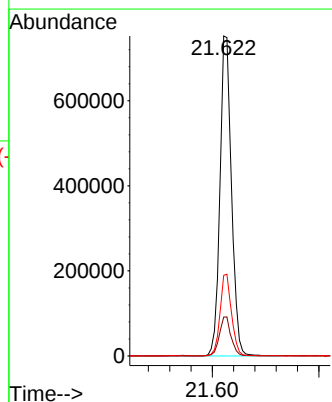
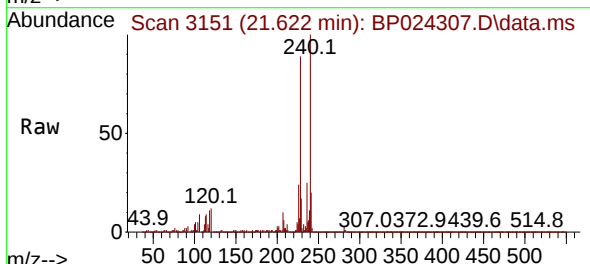
Instrument :
BNA_P
ClientSampleId :
PB167599BS

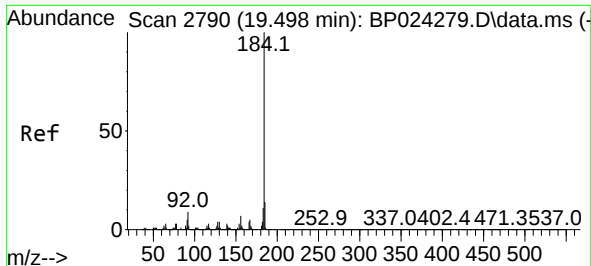
Tgt Ion:202 Resp: 3504610
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:240 Resp: 1127025
Ion Ratio Lower Upper
240 100
120 12.1 9.8 14.8
236 25.2 20.9 31.3

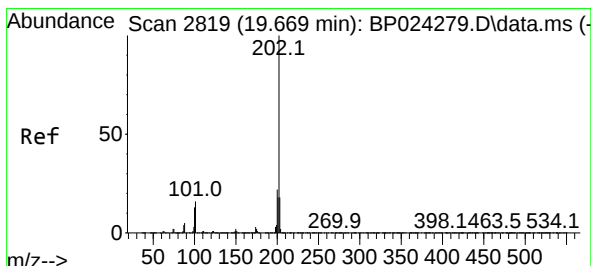
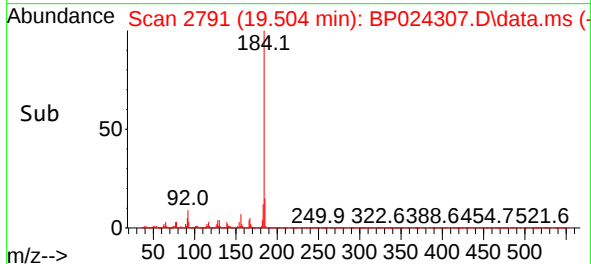
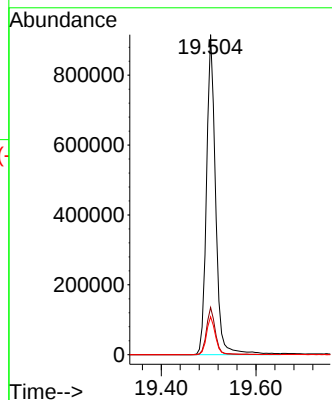
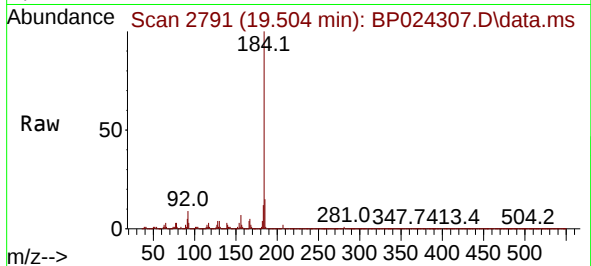




#77
Benzidine
Concen: 85.503 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

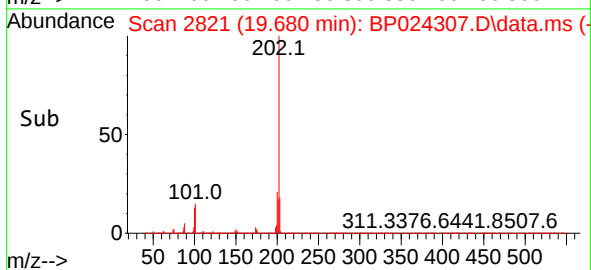
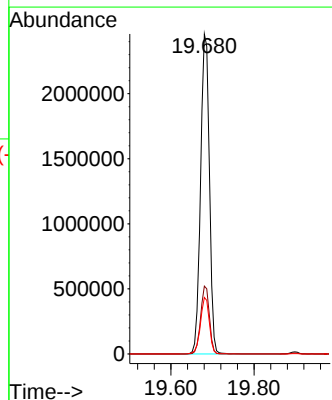
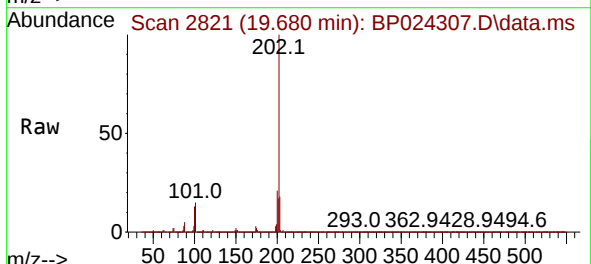
Instrument :
BNA_P
ClientSampleId :
PB167599BS

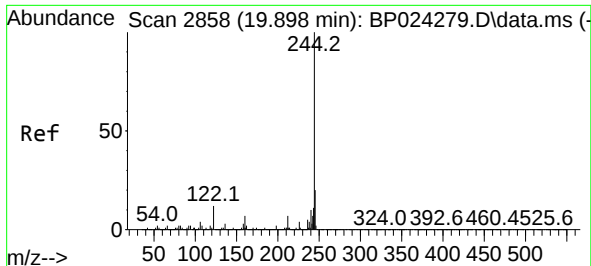
Tgt Ion:184 Resp: 1221501
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 11.9 9.2 13.8



#78
Pyrene
Concen: 50.530 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:202 Resp: 3619177
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.6 14.4 21.6

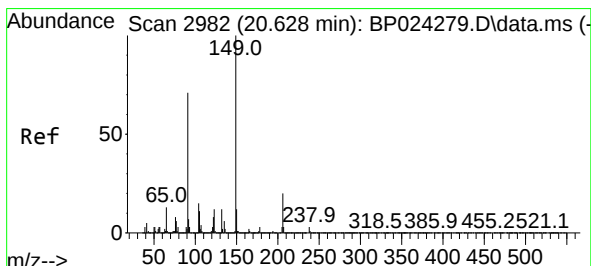
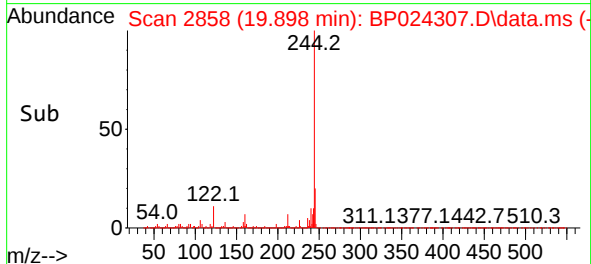
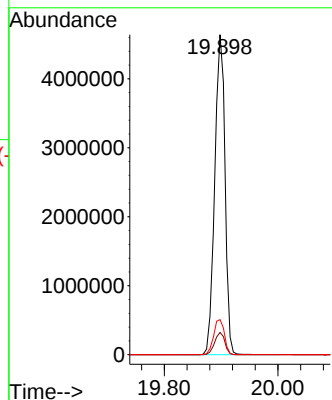
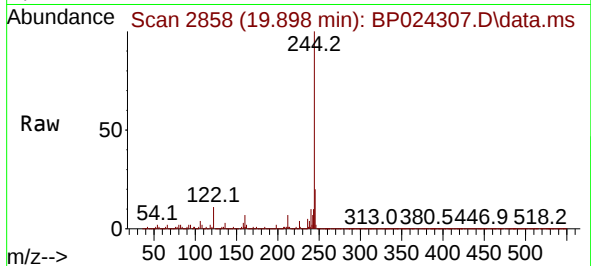




#79
 Terphenyl-d14
 Concen: 103.452 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP024307.D
 Acq: 16 Apr 2025 11:45

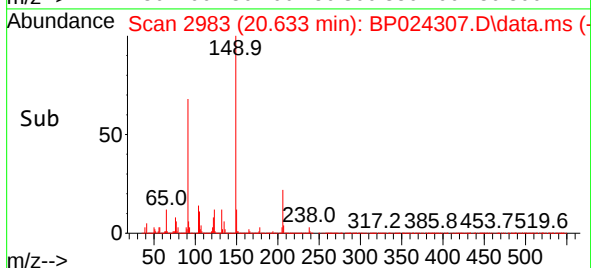
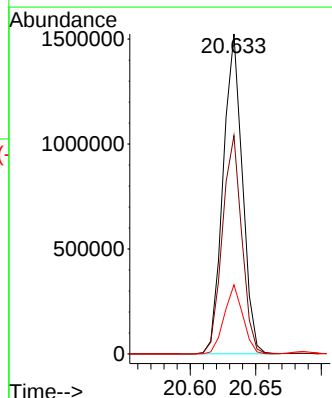
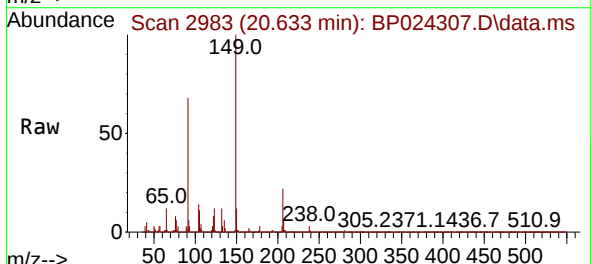
Instrument :
 BNA_P
 ClientSampleId :
 PB167599BS

Tgt Ion:244 Resp: 5784419
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.0 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 50.638 ng
 RT: 20.633 min Scan# 2983
 Delta R.T. -0.012 min
 Lab File: BP024307.D
 Acq: 16 Apr 2025 11:45

Tgt Ion:149 Resp: 1553494
 Ion Ratio Lower Upper
 149 100
 91 68.3 56.4 84.6
 206 21.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 49.025 ng

RT: 21.610 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

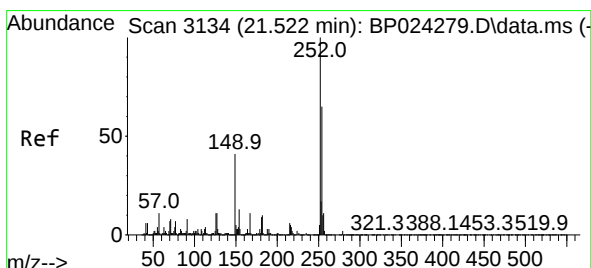
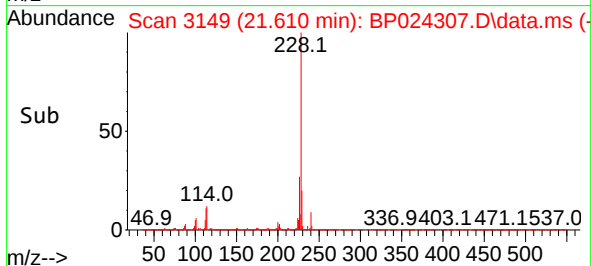
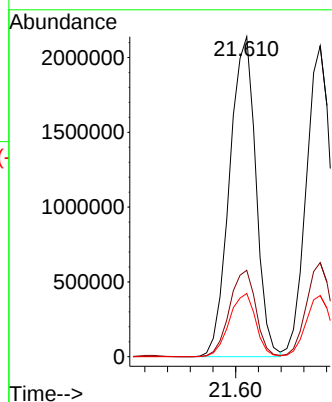
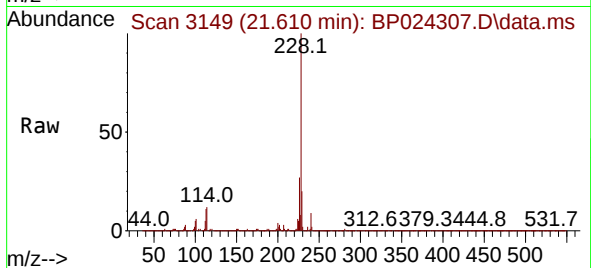
Tgt Ion:228 Resp: 3434274

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 30.699 ng

RT: 21.522 min Scan# 3134

Delta R.T. -0.018 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

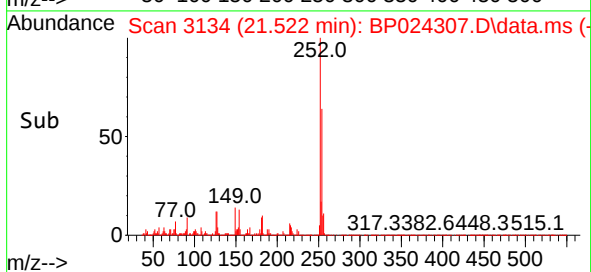
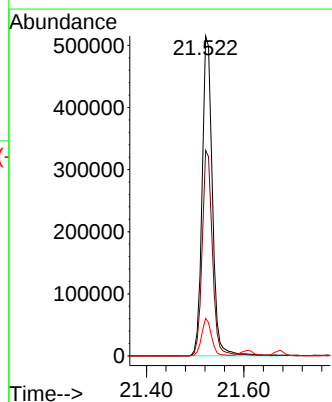
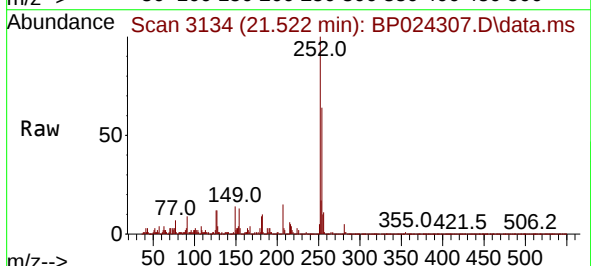
Tgt Ion:252 Resp: 754810

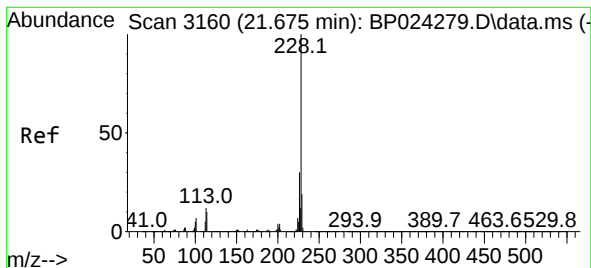
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 11.8 8.8 13.2





#83

Chrysene

Concen: 47.431 ng

RT: 21.674 min Scan# 3160

Delta R.T. -0.006 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

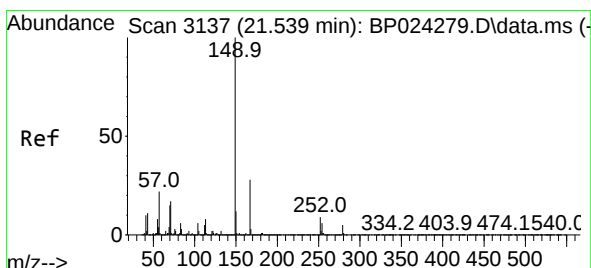
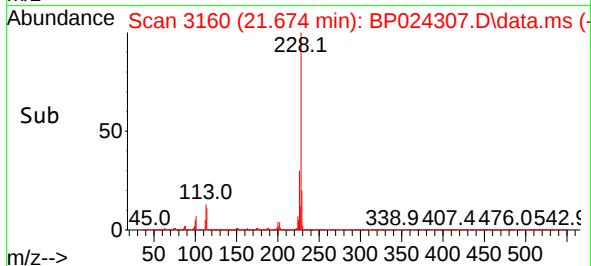
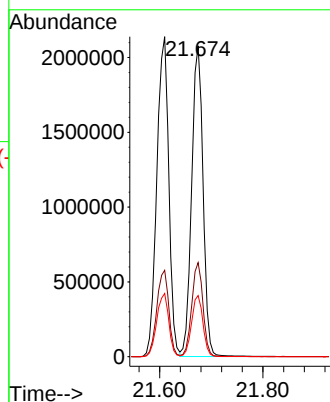
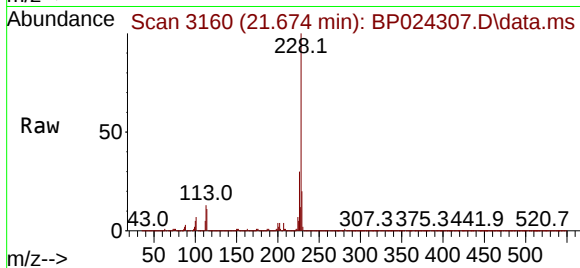
Tgt Ion:228 Resp: 3183239

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.802 ng

RT: 21.545 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

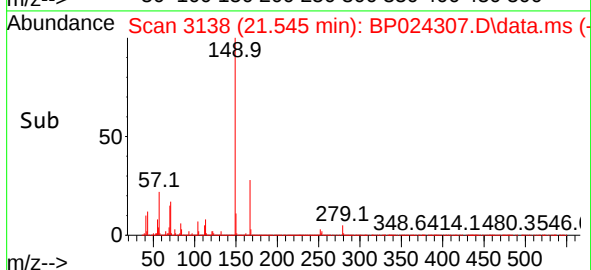
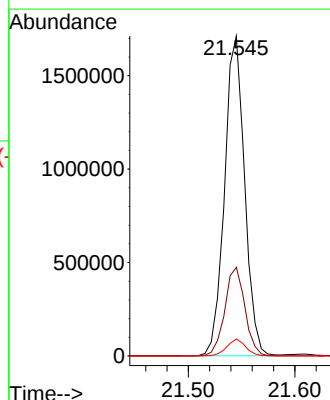
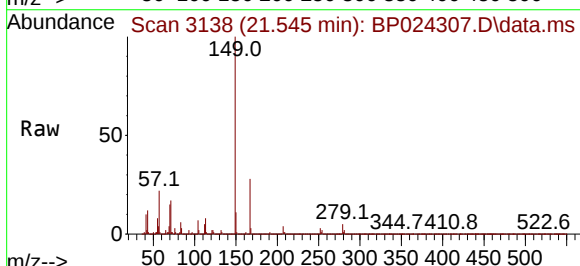
Tgt Ion:149 Resp: 2239743

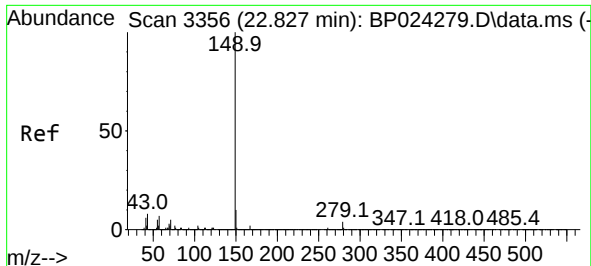
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 5.3 4.0 6.0

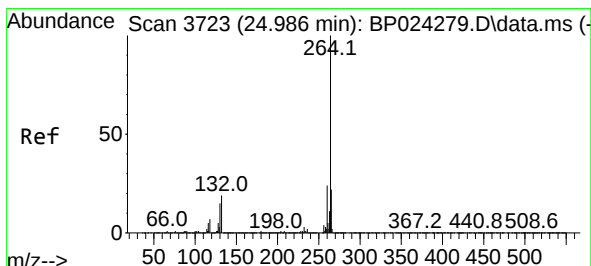
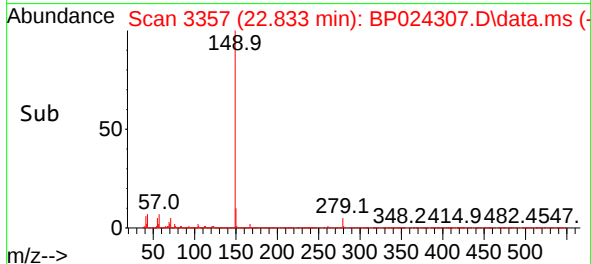
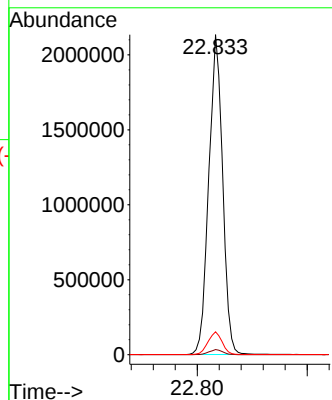
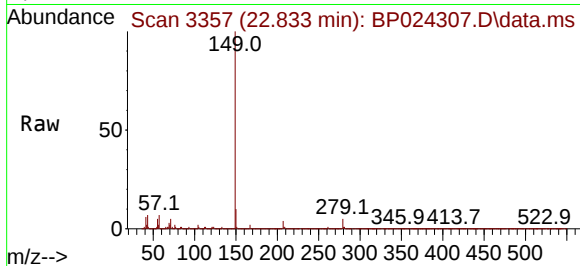




#85
Di-n-octyl phthalate
Concen: 51.003 ng
RT: 22.833 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

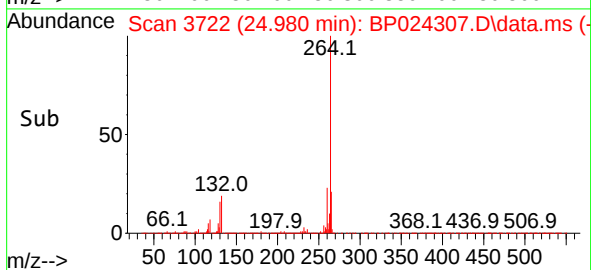
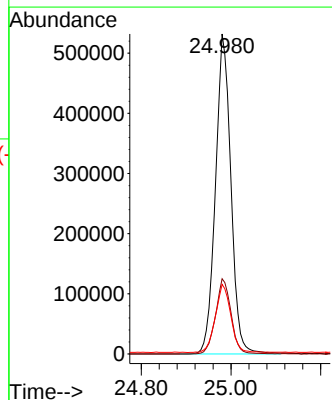
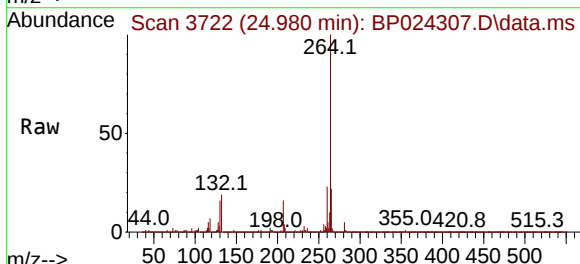
Instrument :
BNA_P
ClientSampleId :
PB167599BS

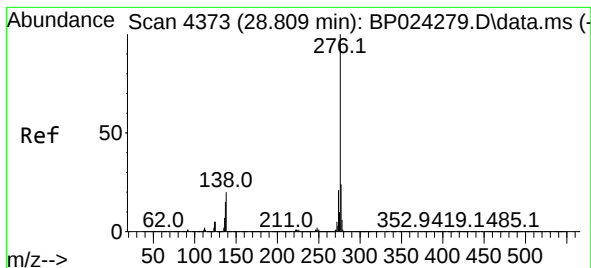
Tgt Ion:149 Resp: 3728987
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.3 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3722
Delta R.T. -0.006 min
Lab File: BP024307.D
Acq: 16 Apr 2025 11:45

Tgt Ion:264 Resp: 1273745
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.047 ng

RT: 28.809 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

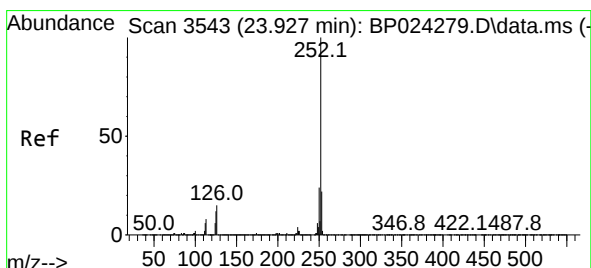
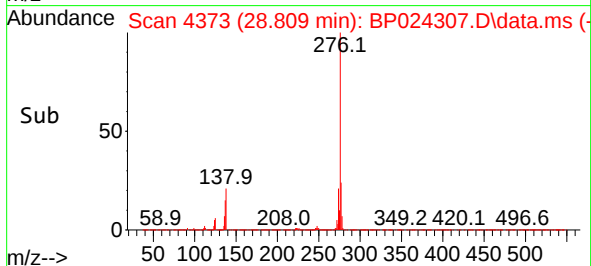
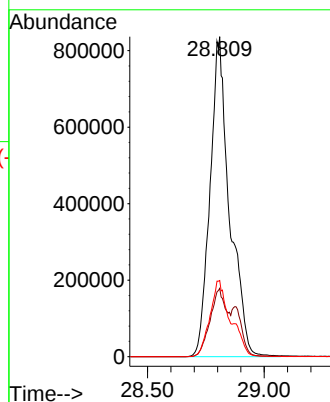
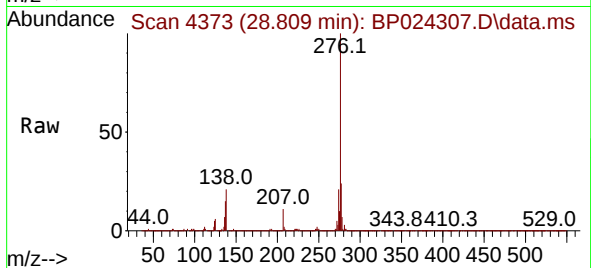
Tgt Ion:276 Resp: 4867750

Ion Ratio Lower Upper

276 100

138 18.4 14.5 21.7

277 20.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.074 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

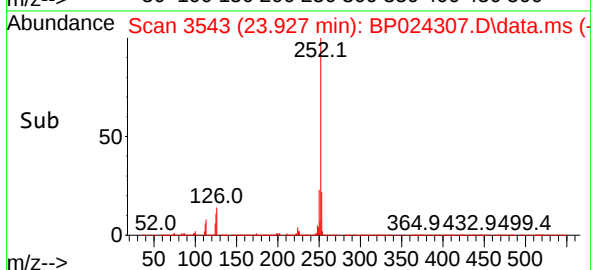
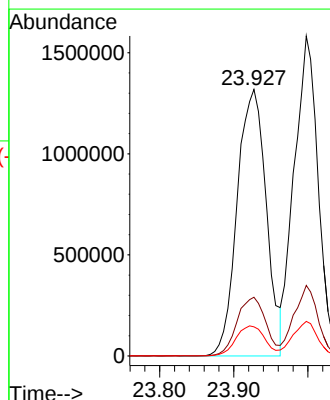
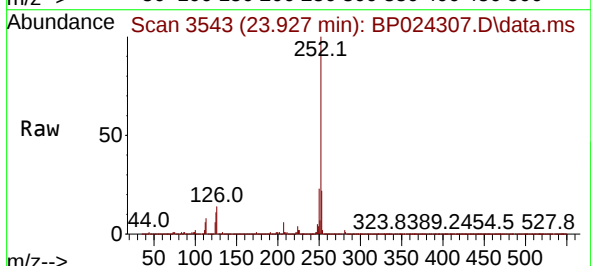
Tgt Ion:252 Resp: 3594046

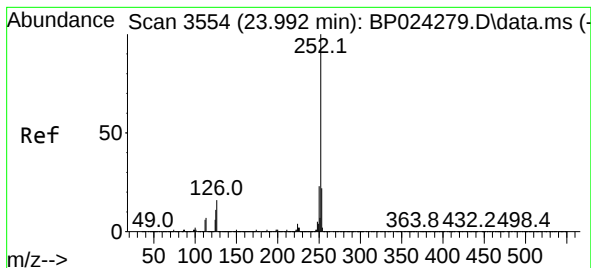
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.0 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 48.438 ng

RT: 23.998 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

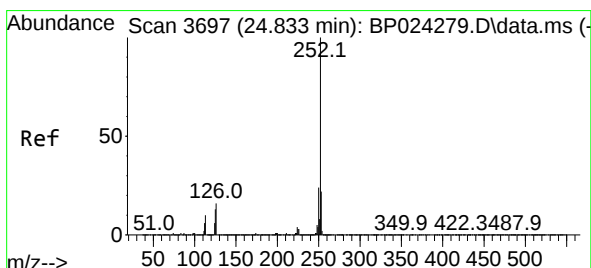
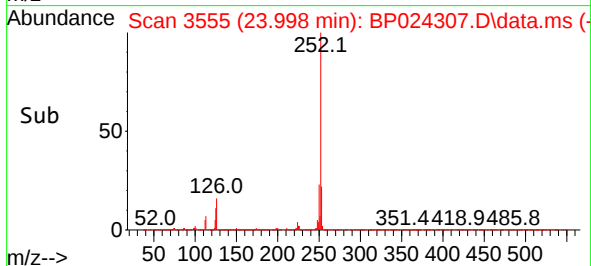
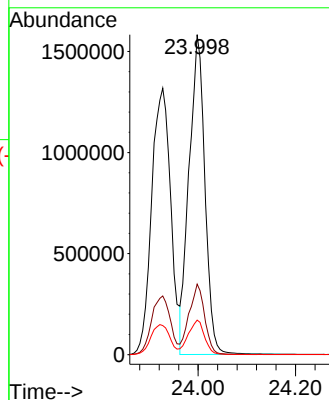
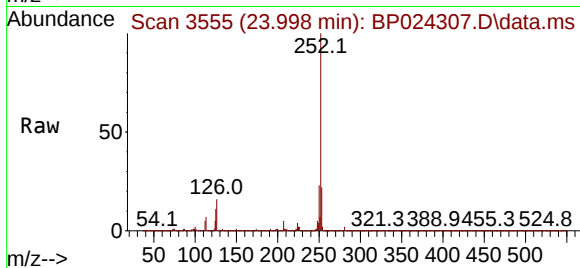
Tgt Ion:252 Resp: 3572284

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.8 9.1 13.7



#90

Benzo(a)pyrene

Concen: 52.999 ng

RT: 24.827 min Scan# 3696

Delta R.T. -0.006 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

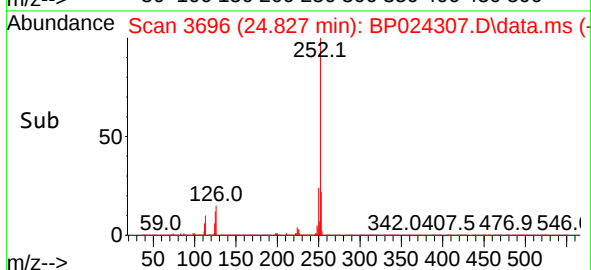
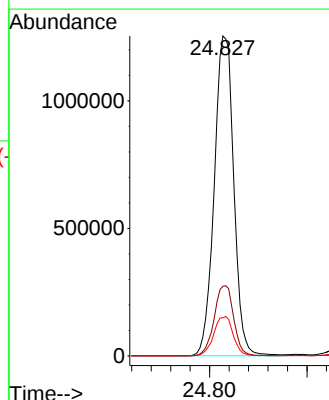
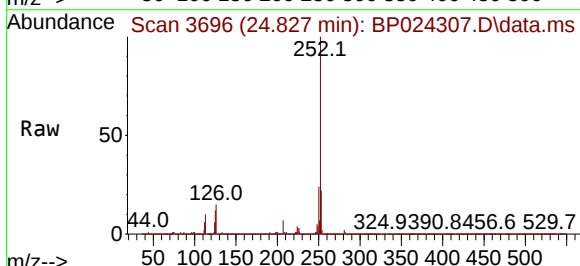
Tgt Ion:252 Resp: 3490438

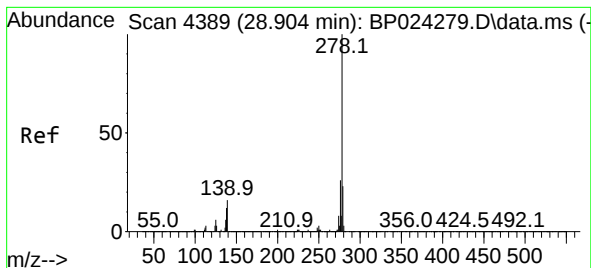
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.9 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 54.275 ng

RT: 28.880 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Instrument :

BNA_P

ClientSampleId :

PB167599BS

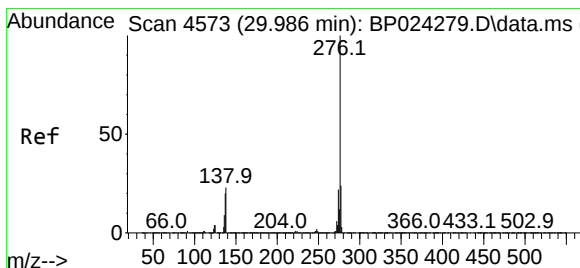
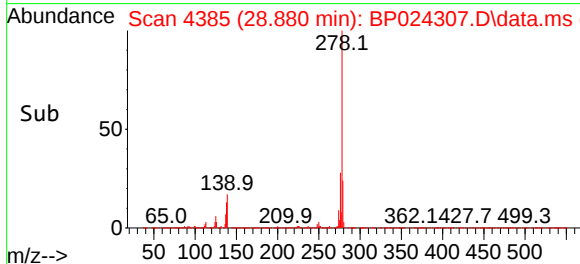
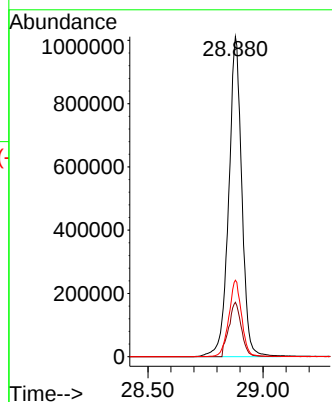
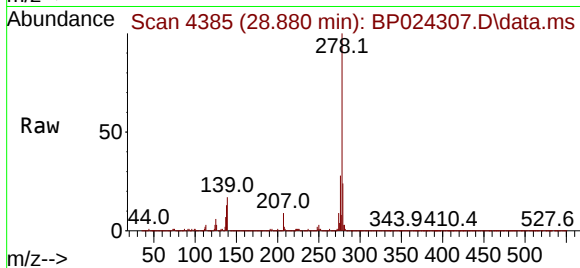
Tgt Ion:278 Resp: 3983698

Ion Ratio Lower Upper

278 100

139 17.0 12.6 19.0

279 23.9 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 52.789 ng

RT: 29.986 min Scan# 4573

Delta R.T. -0.012 min

Lab File: BP024307.D

Acq: 16 Apr 2025 11:45

Tgt Ion:276 Resp: 3943803

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 22.4 18.7 28.1

