

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024340.D
 Acq On : 18 Apr 2025 13:15
 Operator : RC/JU
 Sample : PB167625BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167625BSD

Quant Time: Apr 19 02:51:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	220196	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	880701	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	530682	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	995933	20.000	ng	0.00
76) Chrysene-d12	21.598	240	1041087	20.000	ng	0.00
86) Perylene-d12	24.945	264	1268635	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1792008	134.562	ng	0.00
7) Phenol-d6	6.910	99	2230052	122.294	ng	0.00
23) Nitrobenzene-d5	8.875	82	1338548	86.665	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	977752	133.168	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2970515	85.705	ng	0.00
79) Terphenyl-d14	19.868	244	4502463	87.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	221713	39.360	ng	99
3) Pyridine	3.681	79	566243	38.069	ng	97
4) n-Nitrosodimethylamine	3.593	42	223360	45.247	ng	94
6) Aniline	7.063	93	562419	34.515	ng	100
8) 2-Chlorophenol	7.298	128	686703	46.185	ng	99
9) Benzaldehyde	6.875	77	328865	36.459	ng	99
10) Phenol	6.940	94	837123	45.763	ng	98
11) bis(2-Chloroethyl)ether	7.151	93	633948	43.013	ng	99
12) 1,3-Dichlorobenzene	7.616	146	714868	44.659	ng	99
13) 1,4-Dichlorobenzene	7.757	146	728043	44.827	ng	99
14) 1,2-Dichlorobenzene	8.069	146	712573	45.437	ng	92
15) Benzyl Alcohol	7.963	79	536472	45.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.245	45	693369	43.524	ng	100
17) 2-Methylphenol	8.169	107	564447	47.699	ng	99
18) Hexachloroethane	8.793	117	270048	46.009	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	458386	40.632	ng	99
20) 3+4-Methylphenols	8.493	107	750083	45.682	ng	98
22) Acetophenone	8.540	105	955365	43.828	ng	100
24) Nitrobenzene	8.916	77	690334	45.181	ng	100
25) Isophorone	9.440	82	1283590	45.913	ng	98
26) 2-Nitrophenol	9.616	139	352469	47.139	ng	98
27) 2,4-Dimethylphenol	9.681	122	618618	65.890	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	809084	42.841	ng	100
29) 2,4-Dichlorophenol	10.151	162	604676	47.235	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	616636	44.959	ng	99
31) Naphthalene	10.545	128	1978305	42.643	ng	99
32) Benzoic acid	9.828	122	405788	37.093	ng	99
33) 4-Chloroaniline	10.669	127	280611	17.176	ng	99
34) Hexachlorobutadiene	10.828	225	373132	46.296	ng	99
35) Caprolactam	11.445	113	205873	43.585	ng	94
36) 4-Chloro-3-methylphenol	11.792	107	663548	44.502	ng	99
37) 2-Methylnaphthalene	12.157	142	1237491	38.463	ng	99
38) 1-Methylnaphthalene	12.375	142	1296259	41.184	ng	99
40) 1,2,4,5-Tetrachloroben...	12.534	216	669392	45.868	ng	99
41) Hexachlorocyclopentadiene	12.510	237	962824	186.541	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	470649	48.507	ng	97

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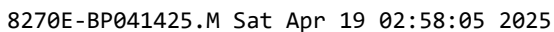
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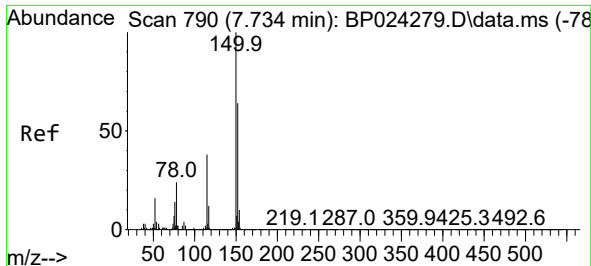
Quant Time: Apr 19 02:51:22 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	522436	48.623	ng	98
46) 1,1'-Biphenyl	13.175	154	1718087	44.045	ng	100
47) 2-Chloronaphthalene	13.216	162	1332204	45.695	ng	99
48) 2-Nitroaniline	13.422	65	402533	49.223	ng	99
49) Acenaphthylene	14.075	152	2227375	48.526	ng	99
50) Dimethylphthalate	13.810	163	1690213	43.797	ng	99
51) 2,6-Dinitrotoluene	13.922	165	378097	46.138	ng	96
52) Acenaphthene	14.416	154	1259133	43.270	ng	99
53) 3-Nitroaniline	14.257	138	336382	39.055	ng	97
54) 2,4-Dinitrophenol	14.469	184	481115	99.667	ng	96
55) Dibenzofuran	14.751	168	2014421	42.350	ng	98
56) 4-Nitrophenol	14.586	139	733290	98.578	ng	98
57) 2,4-Dinitrotoluene	14.722	165	538364	48.159	ng	98
58) Fluorene	15.416	166	1640808	44.561	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	453385	45.751	ng	99
60) Diethylphthalate	15.186	149	1676184	42.147	ng	100
61) 4-Chlorophenyl-phenylether	15.410	204	782490	43.761	ng	100
62) 4-Nitroaniline	15.445	138	425096	46.622	ng	96
63) Azobenzene	15.710	77	1571444	42.991	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	301863	48.075	ng	92
66) n-Nitrosodiphenylamine	15.627	169	1411022	47.467	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	505435	46.403	ng	99
68) Hexachlorobenzene	16.445	284	614989	47.515	ng	99
69) Atrazine	16.610	200	491611	64.933	ng	99
70) Pentachlorophenol	16.798	266	871011	96.463	ng	99
71) Phenanthrene	17.192	178	2491343	45.855	ng	100
72) Anthracene	17.292	178	2568857	49.058	ng	99
73) Carbazole	17.569	167	2413582	47.174	ng	99
74) Di-n-butylphthalate	18.157	149	2907207	45.608	ng	100
75) Fluoranthene	19.274	202	2877057	44.524	ng	99
77) Benzidine	19.468	184	1531379	116.043	ng	100
78) Pyrene	19.657	202	3006247	45.438	ng	99
80) Butylbenzylphthalate	20.604	149	1353069	47.746	ng	99
81) Benzo(a)anthracene	21.574	228	3063275	47.339	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	734660	32.346	ng	99
83) Chrysene	21.645	228	2859540	46.125	ng	99
84) Bis(2-ethylhexyl)phtha...	21.509	149	1934351	46.562	ng	99
85) Di-n-octyl phthalate	22.798	149	3431654	50.811	ng	99
87) Indeno(1,2,3-cd)pyrene	28.744	276	4427477	50.270	ng	99
88) Benzo(b)fluoranthene	23.886	252	3337064	43.884	ng	99
89) Benzo(k)fluoranthene	23.962	252	3343198	45.515	ng	99
90) Benzo(a)pyrene	24.792	252	3278313	49.979	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	3637312	49.755	ng	99
92) Benzo(g,h,i)perylene	29.921	276	3565152	47.913	ng	97

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

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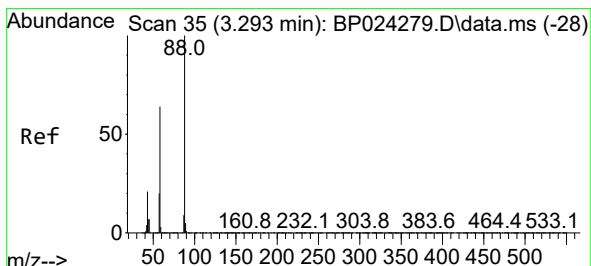
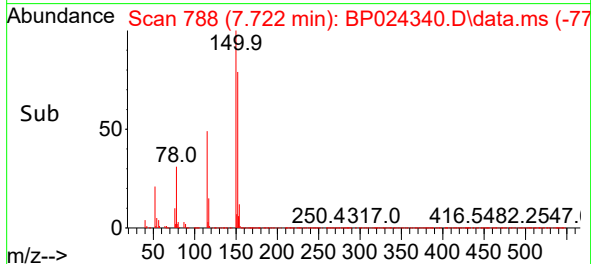
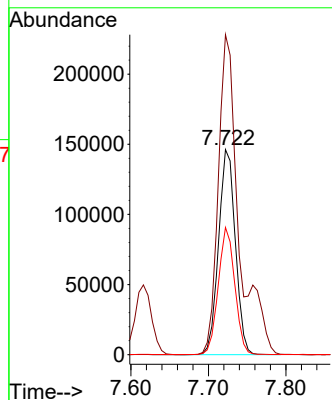
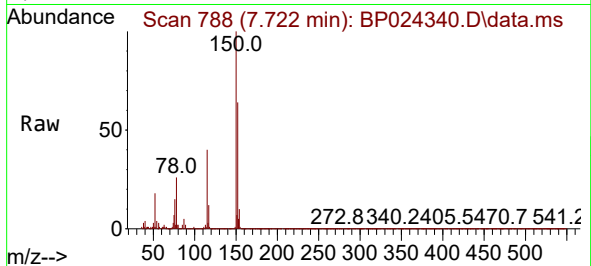




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BP024340.D
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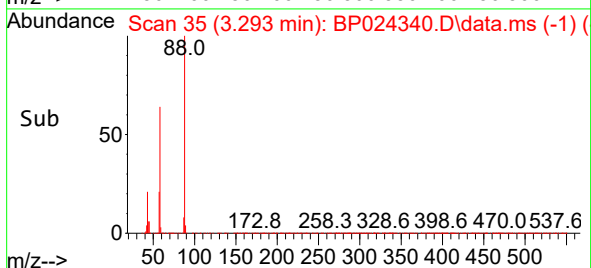
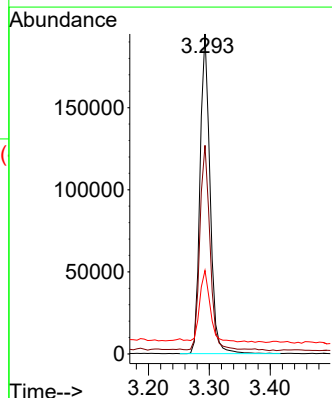
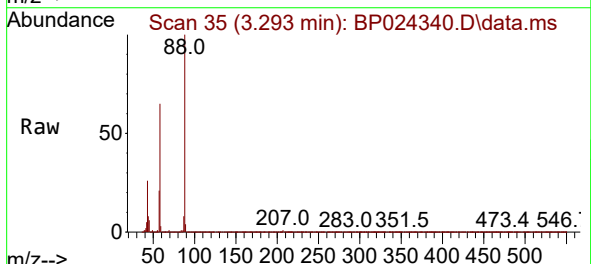
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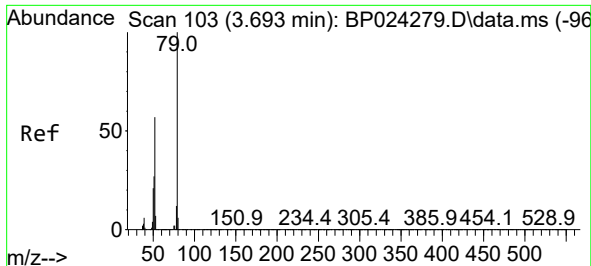
Tgt Ion:152 Resp: 220196
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.9 187.3
 115 62.0 47.7 71.5



#2
 1,4-Dioxane
 Concen: 39.360 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.006 min
 Lab File: BP024340.D
 Acq: 18 Apr 2025 13:15

Tgt Ion: 88 Resp: 221713
 Ion Ratio Lower Upper
 88 100
 58 64.5 51.4 77.2
 43 22.2 17.1 25.7

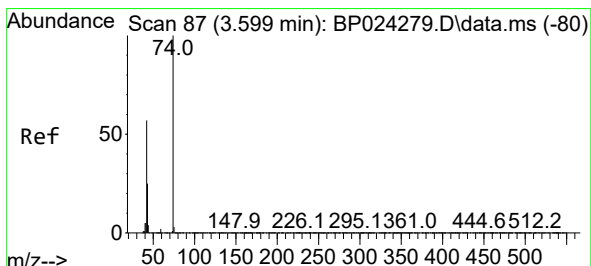
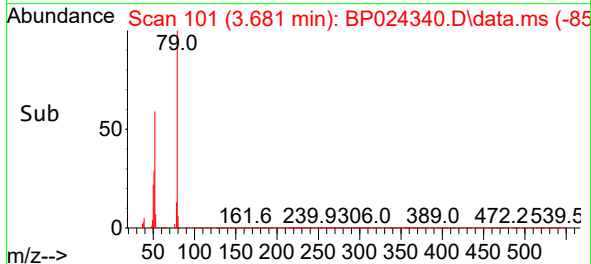
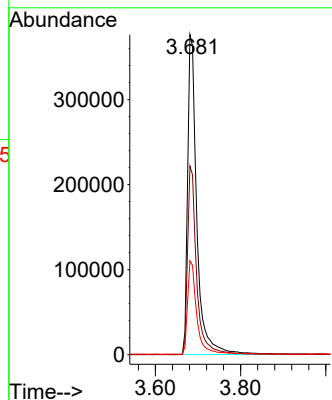
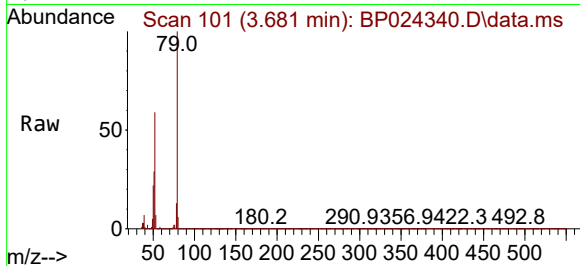




#3
Pyridine
Concen: 38.069 ng
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

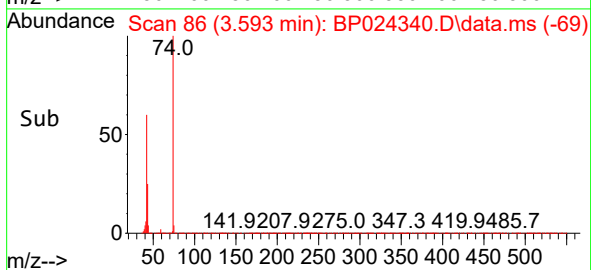
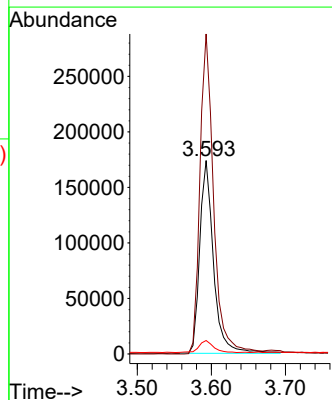
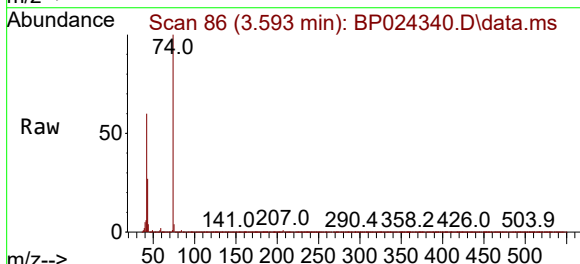
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

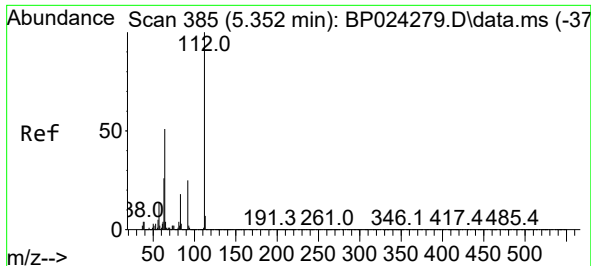
Tgt Ion: 79 Resp: 566243
Ion Ratio Lower Upper
79 100
52 58.9 45.4 68.2
51 29.4 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 45.247 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion: 42 Resp: 223360
Ion Ratio Lower Upper
42 100
74 165.5 139.5 209.3
44 7.0 5.8 8.8

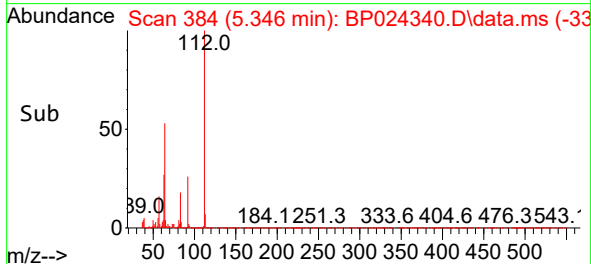
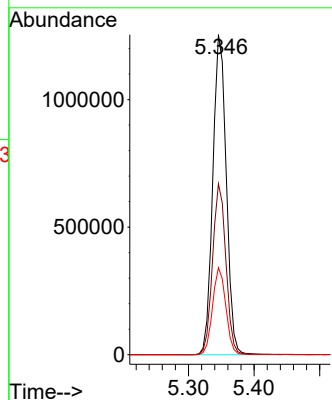
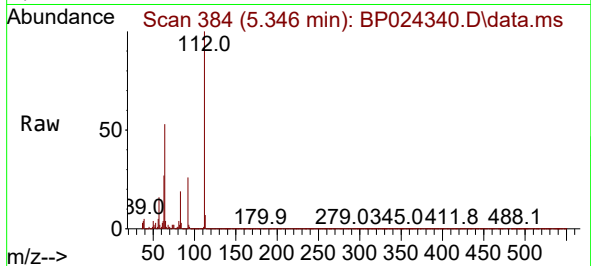




#5
2-Fluorophenol
Concen: 134.562 ng
RT: 5.346 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

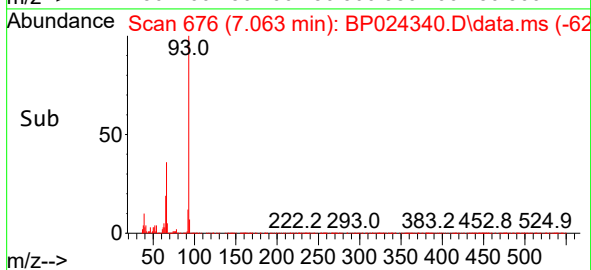
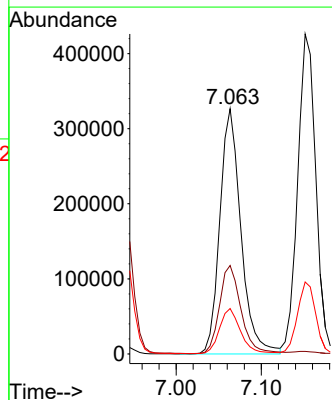
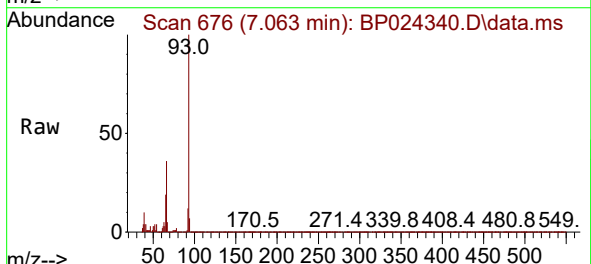
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ClientSampleId :
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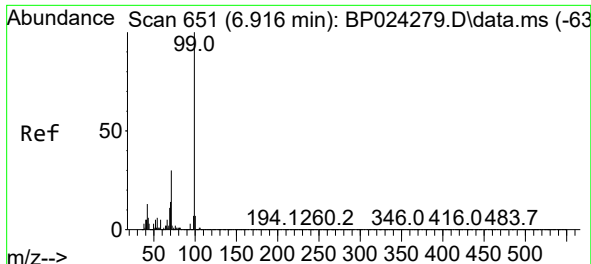
Tgt Ion:112 Resp: 1792008
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 27.2 20.6 30.8



#6
Aniline
Concen: 34.515 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion: 93 Resp: 562419
Ion Ratio Lower Upper
93 100
66 36.1 29.1 43.7
65 18.5 14.7 22.1

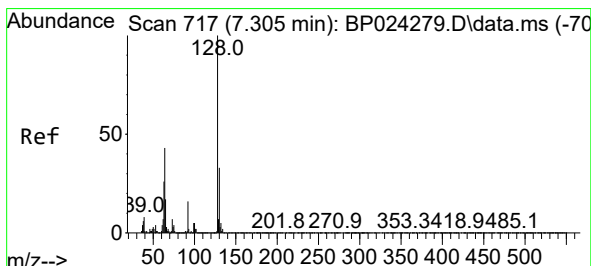
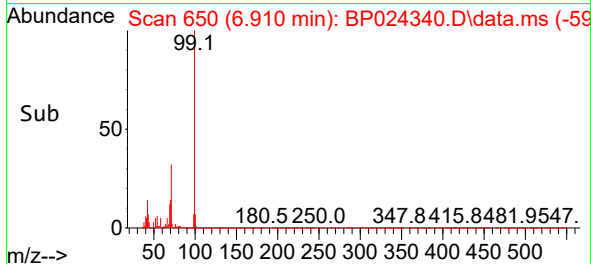
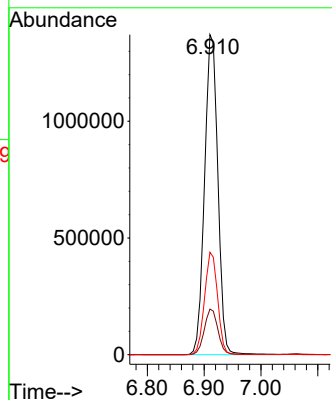
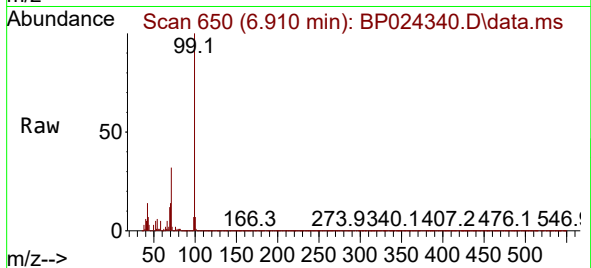




#7
Phenol-d6
Concen: 122.294 ng
RT: 6.910 min Scan# 611
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

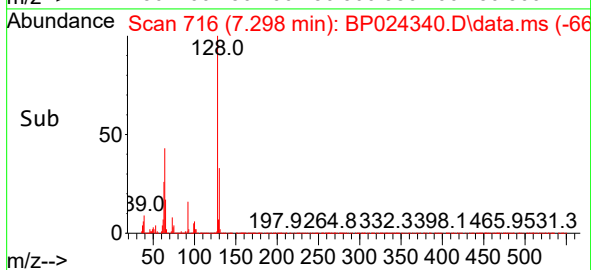
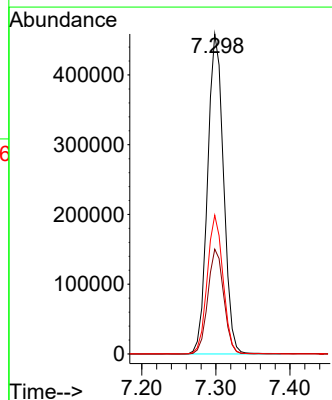
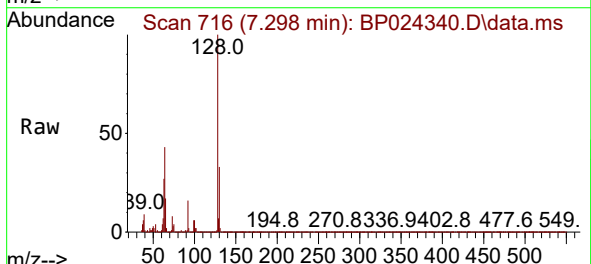
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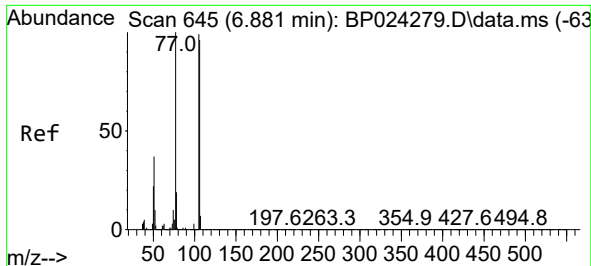
Tgt Ion: 99 Resp: 2230052
Ion Ratio Lower Upper
99 100
42 14.3 10.6 16.0
71 32.0 23.7 35.5



#8
2-Chlorophenol
Concen: 46.185 ng
RT: 7.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:128 Resp: 686703
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 43.4 22.7 62.7

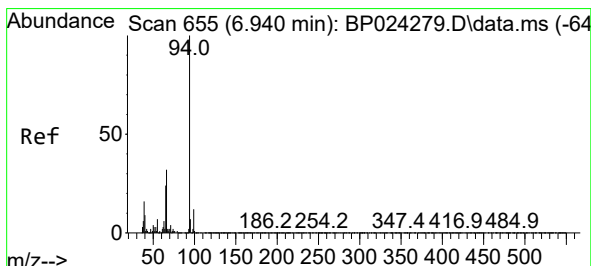
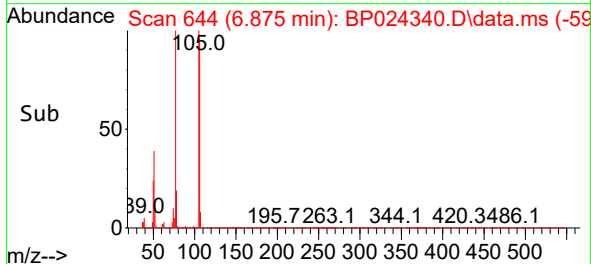
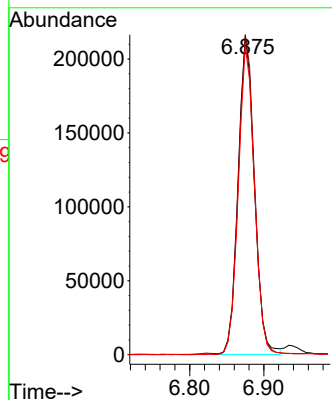
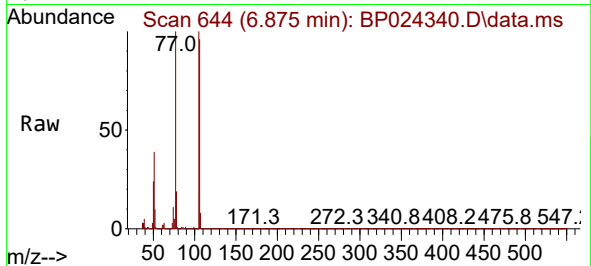




#9
Benzaldehyde
Concen: 36.459 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

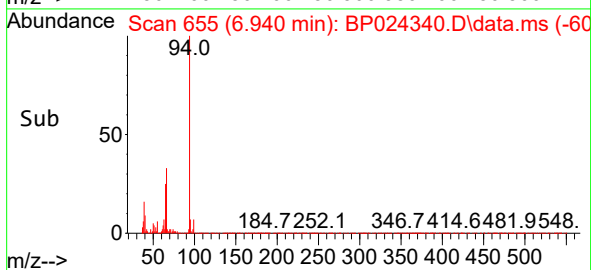
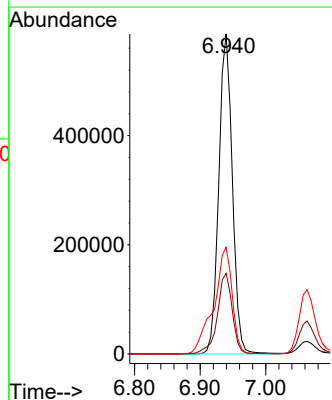
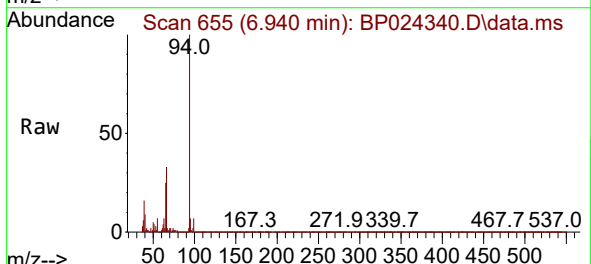
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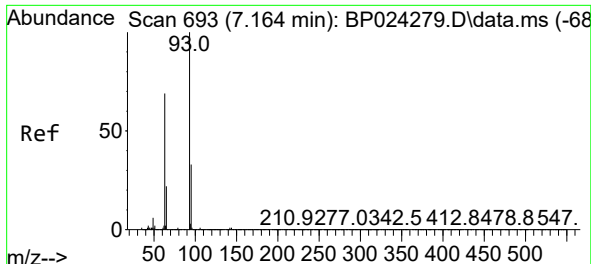
Tgt Ion: 77 Resp: 328865
Ion Ratio Lower Upper
77 100
105 100.3 79.2 119.2
106 96.6 76.2 116.2



#10
Phenol
Concen: 45.763 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024340.D
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Tgt Ion: 94 Resp: 837123
Ion Ratio Lower Upper
94 100
65 25.2 4.5 44.5
66 33.4 12.4 52.4

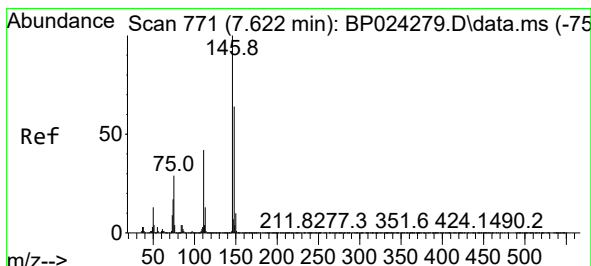
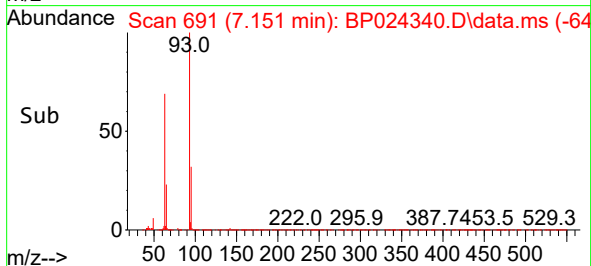
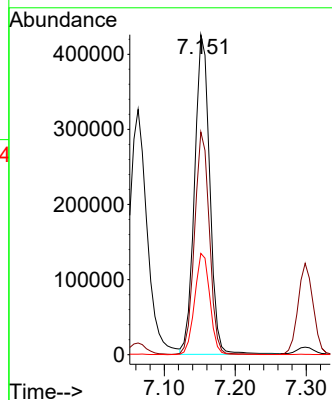
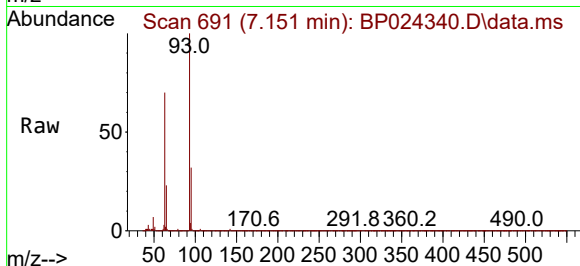




#11
bis(2-Chloroethyl)ether
Concen: 43.013 ng
RT: 7.151 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

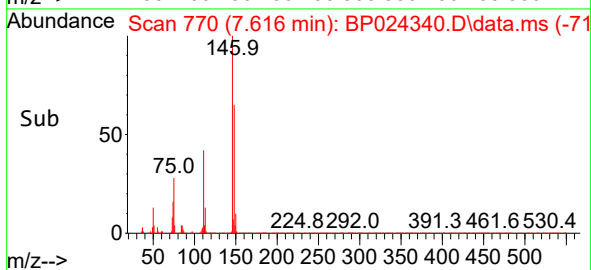
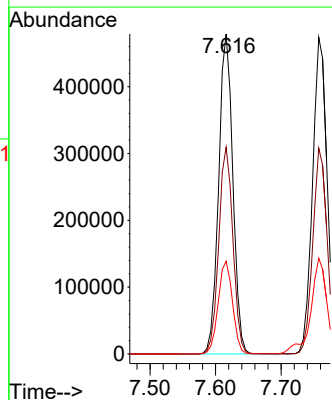
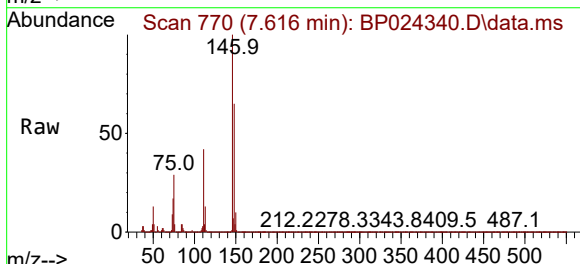
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

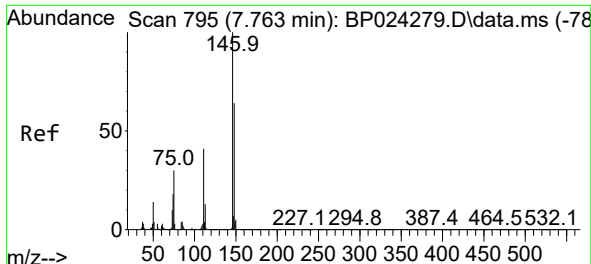
Tgt Ion: 93 Resp: 633948
Ion Ratio Lower Upper
93 100
63 69.6 48.6 88.6
95 31.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.659 ng
RT: 7.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:146 Resp: 714868
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 28.9 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 44.827 ng

RT: 7.757 min Scan# 795

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

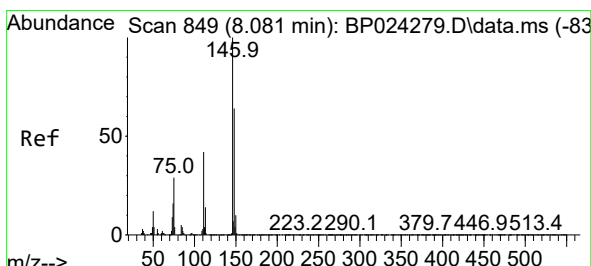
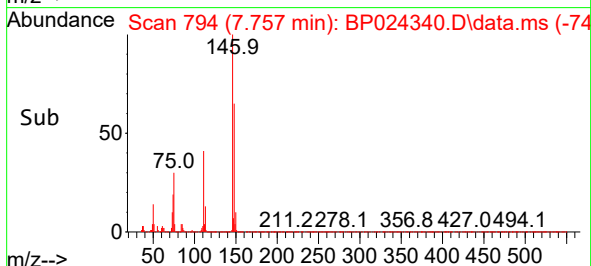
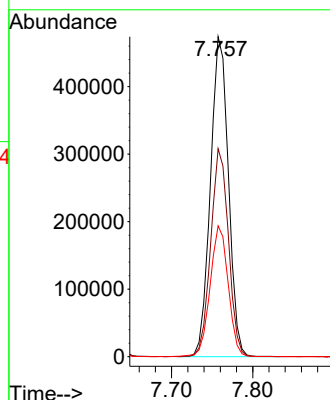
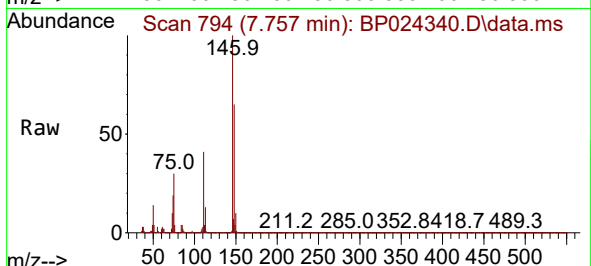
Tgt Ion:146 Resp: 728043

Ion Ratio Lower Upper

146 100

148 65.0 51.1 76.7

111 40.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 45.437 ng

RT: 8.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

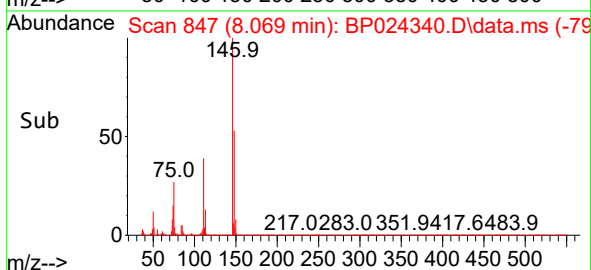
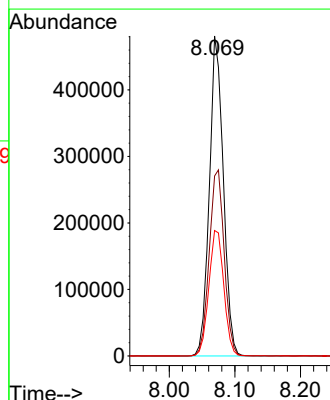
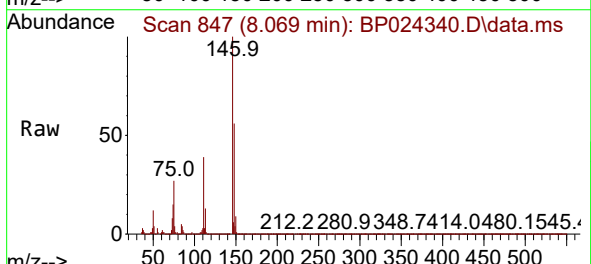
Tgt Ion:146 Resp: 712573

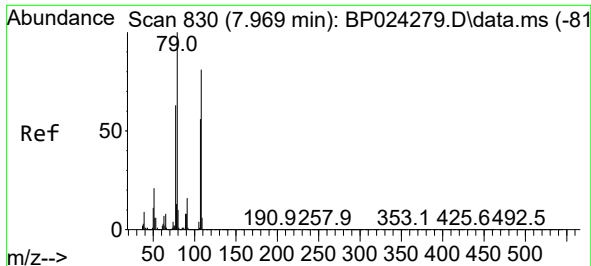
Ion Ratio Lower Upper

146 100

148 56.2 51.0 76.4

111 39.2 33.8 50.8

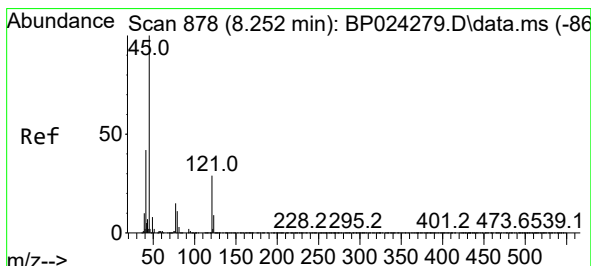
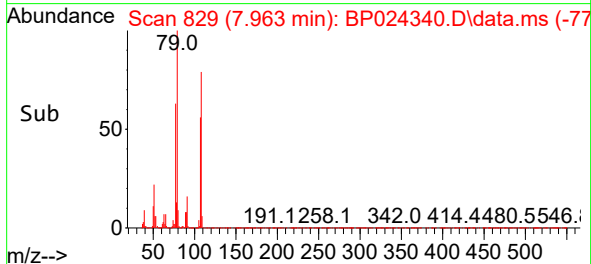
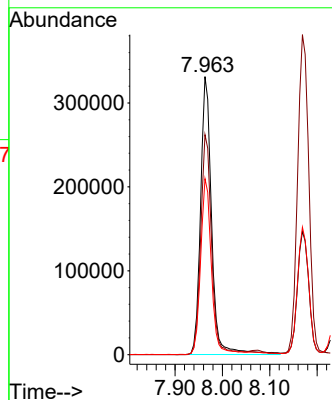
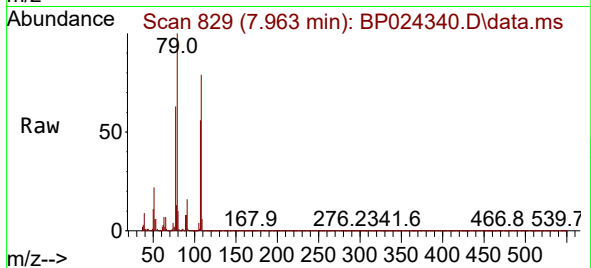




#15
Benzyl Alcohol
Concen: 45.492 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

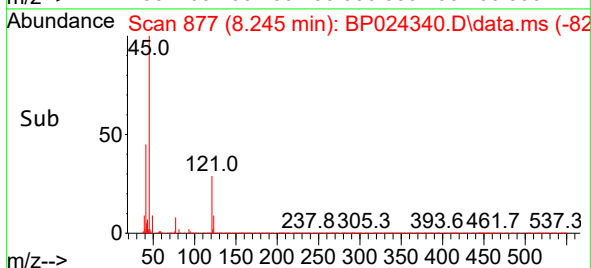
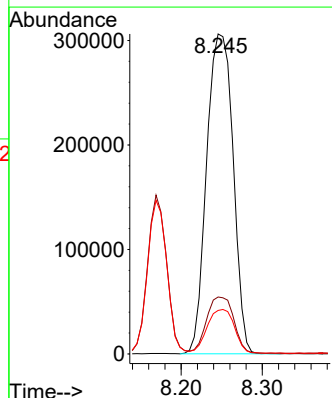
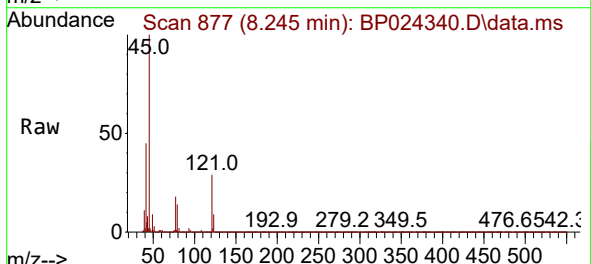
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

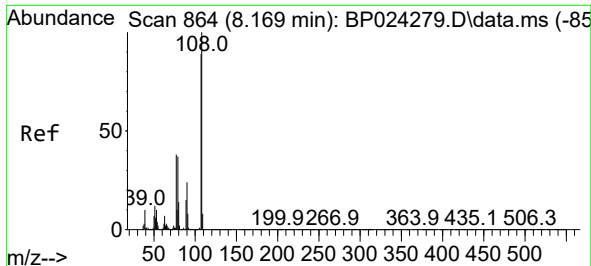
Tgt Ion: 79 Resp: 536472
Ion Ratio Lower Upper
79 100
108 79.2 65.1 97.7
77 63.3 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.524 ng
RT: 8.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion: 45 Resp: 693369
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.6 0.0 33.5

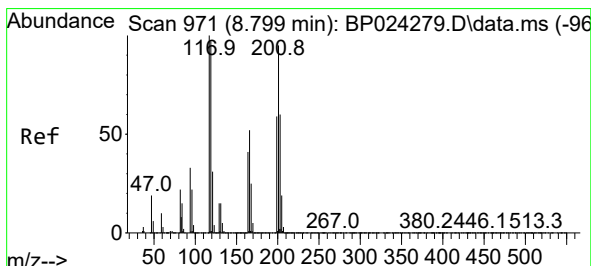
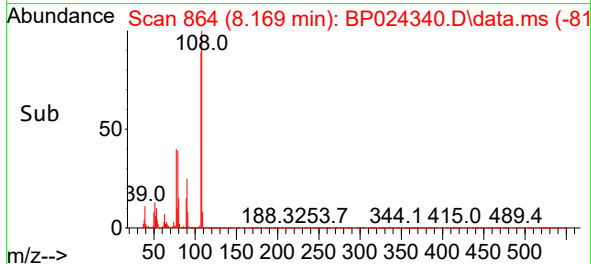
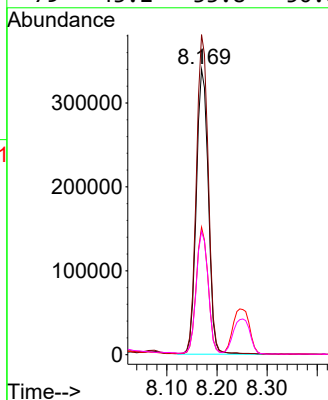
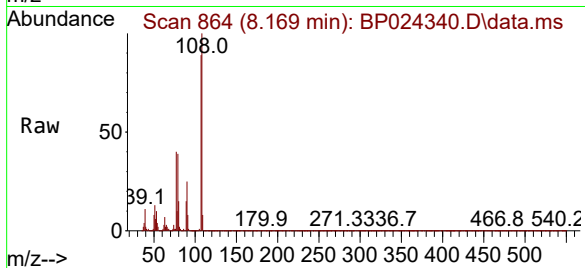




#17
2-Methylphenol
Concen: 47.699 ng
RT: 8.169 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

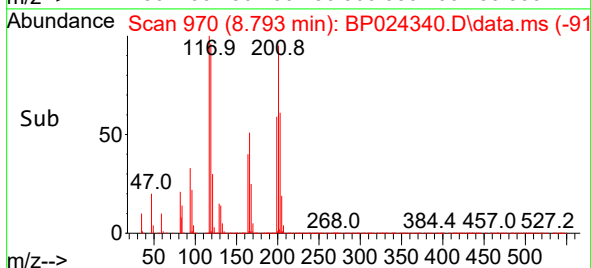
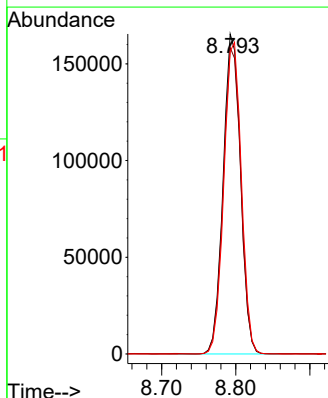
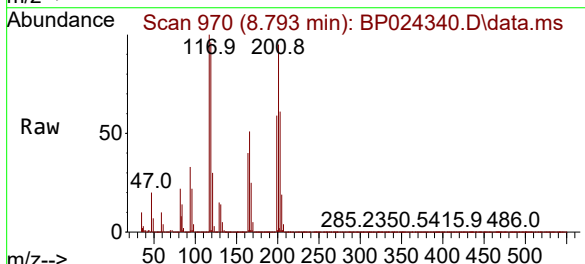
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

Tgt Ion:107 Resp: 564447
Ion Ratio Lower Upper
107 100
108 112.1 89.8 134.6
77 44.7 34.2 51.4
79 43.2 33.8 50.8



#18
Hexachloroethane
Concen: 46.009 ng
RT: 8.793 min Scan# 970
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:117 Resp: 270048
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6
201 94.5 75.9 113.9

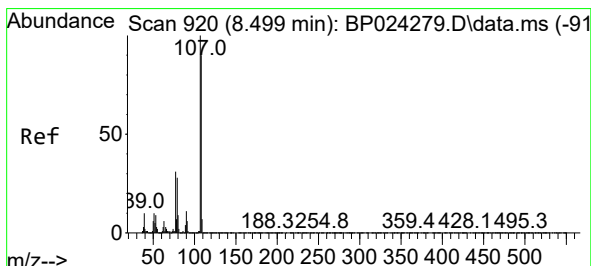
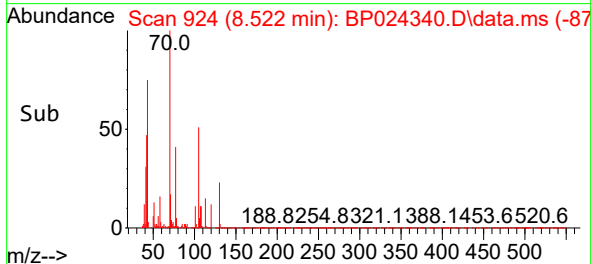
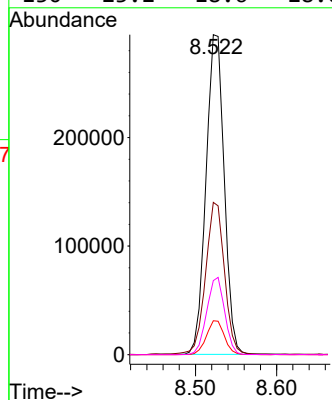
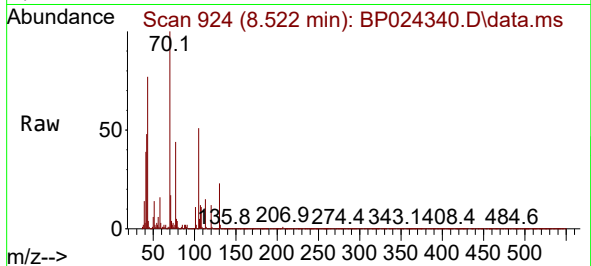




#19
n-Nitroso-di-n-propylamine
Concen: 40.632 ng
RT: 8.522 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

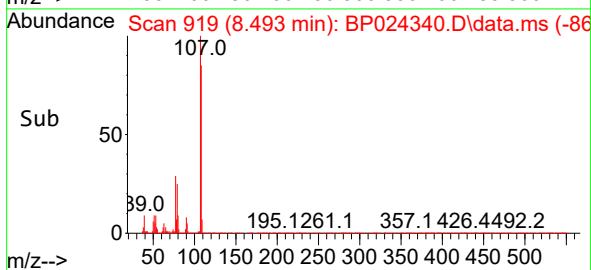
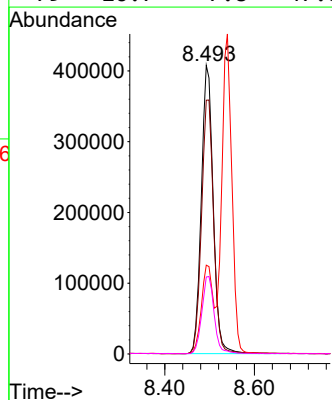
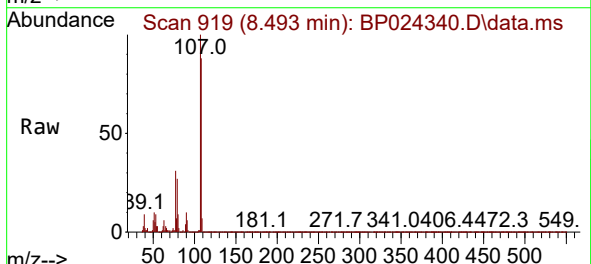
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

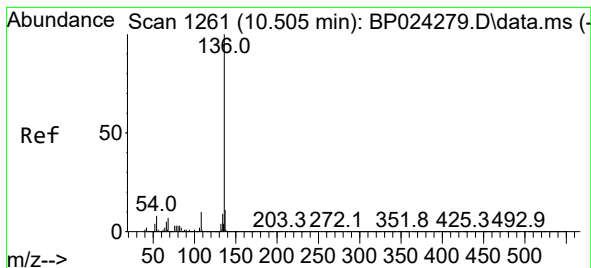
Tgt Ion: 70 Resp: 458386
Ion Ratio Lower Upper
70 100
42 47.6 37.3 55.9
101 10.6 8.2 12.4
130 23.2 18.6 28.0



#20
3+4-Methylphenols
Concen: 45.682 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion: 107 Resp: 750083
Ion Ratio Lower Upper
107 100
108 87.9 69.8 109.8
77 30.8 11.5 51.5
79 26.7 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.498 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

Tgt Ion:136 Resp: 880701

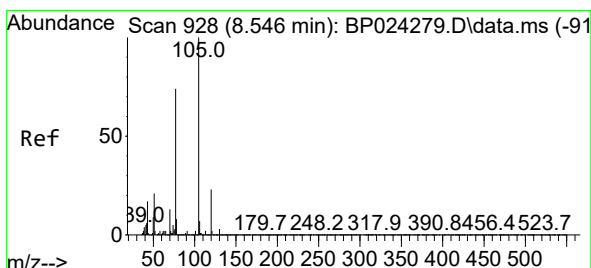
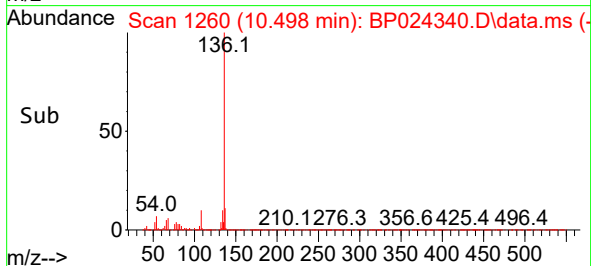
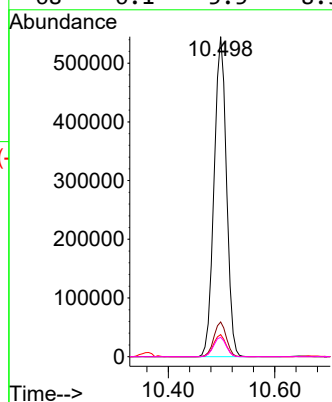
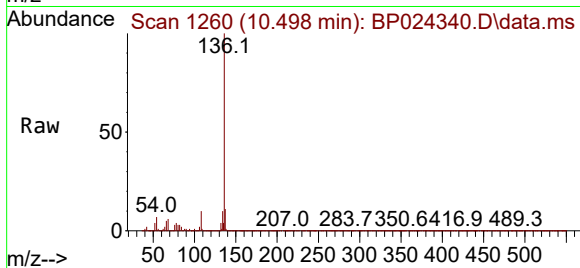
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 6.9 6.0 9.0

68 6.1 5.5 8.3



#22

Acetophenone

Concen: 43.828 ng

RT: 8.540 min Scan# 927

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Tgt Ion:105 Resp: 955365

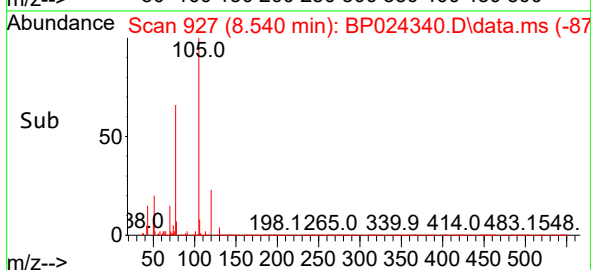
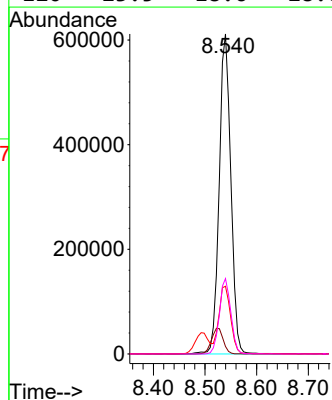
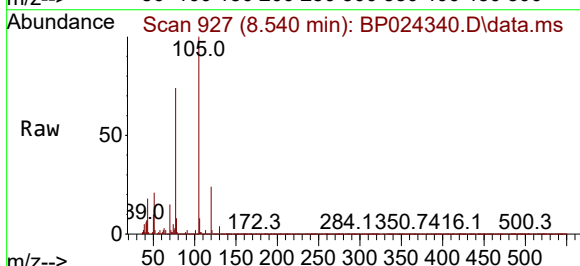
Ion Ratio Lower Upper

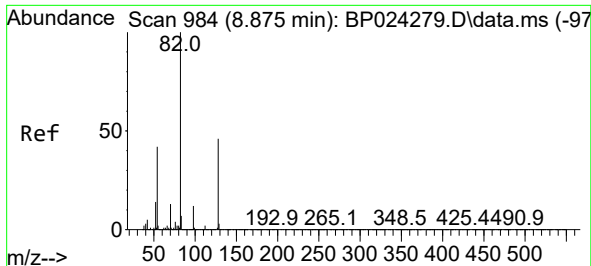
105 100

71 2.4 1.7 2.5

51 21.2 16.9 25.3

120 23.5 18.6 28.0

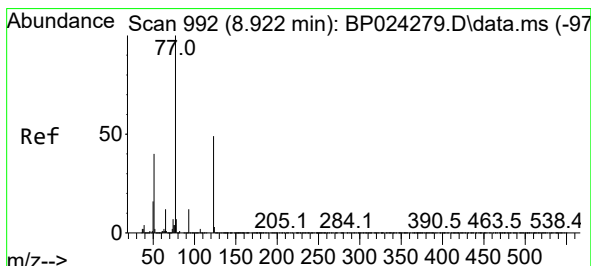
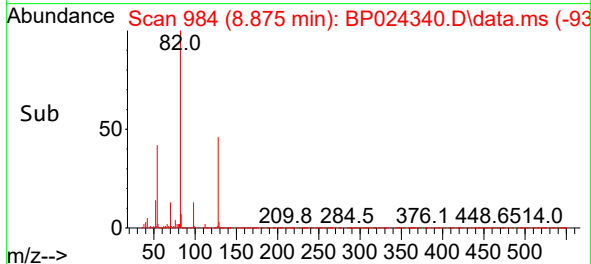
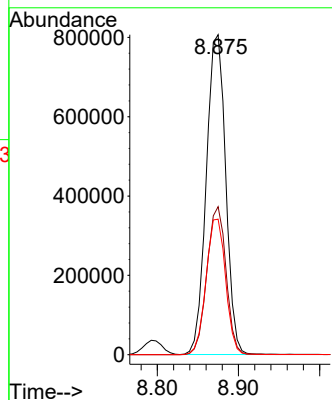
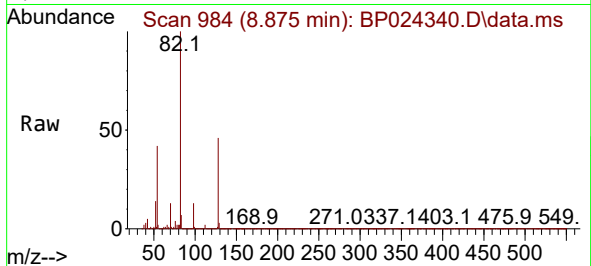




#23
Nitrobenzene-d5
Concen: 86.665 ng
RT: 8.875 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

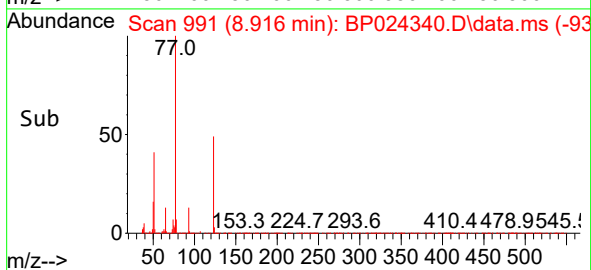
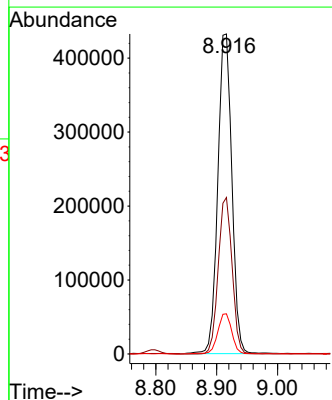
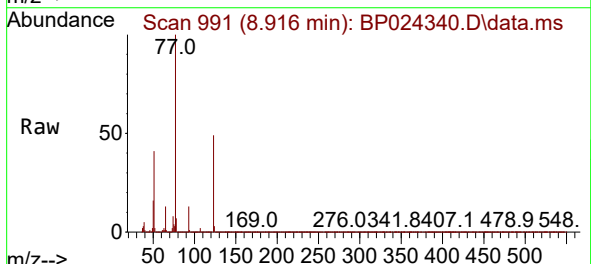
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

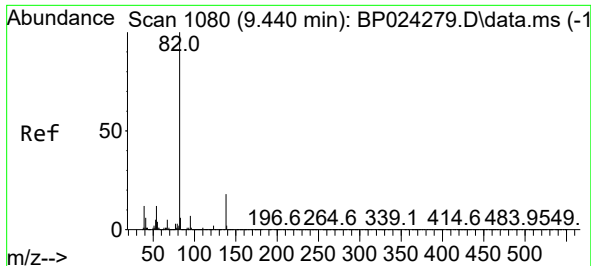
Tgt Ion: 82 Resp: 1338548
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 42.3 33.4 50.2



#24
Nitrobenzene
Concen: 45.181 ng
RT: 8.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion: 77 Resp: 690334
Ion Ratio Lower Upper
77 100
123 48.9 39.2 58.8
65 12.5 9.8 14.6

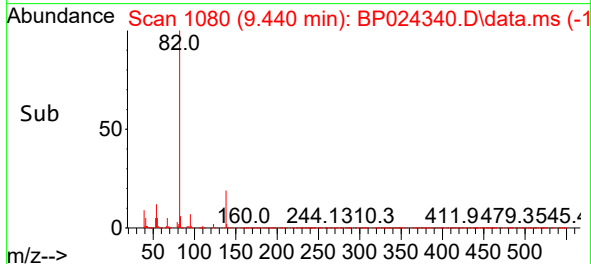
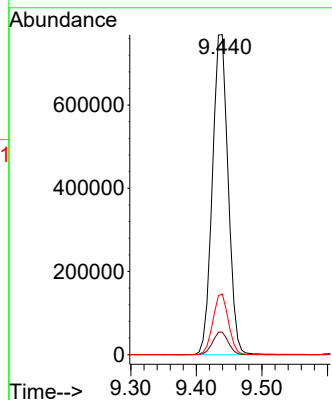
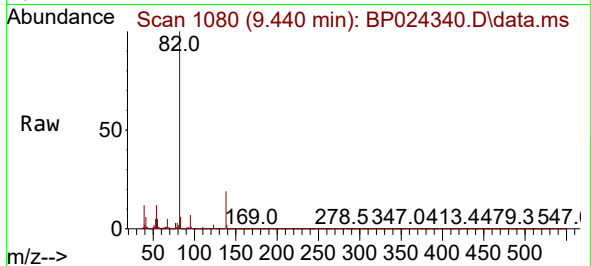




#25
Isophorone
Concen: 45.913 ng
RT: 9.440 min Scan# 1080
Delta R.T. 0.012 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

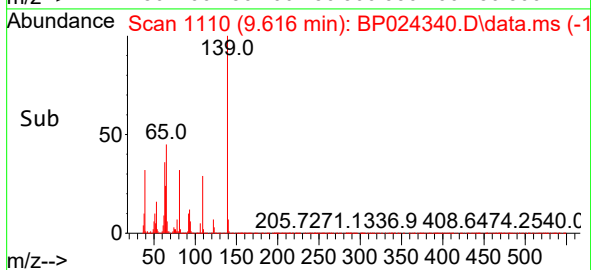
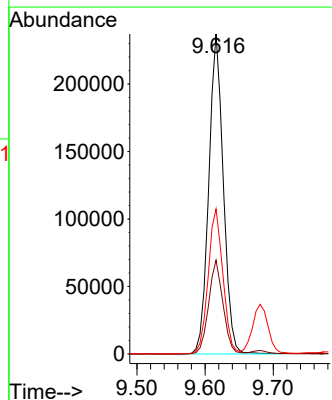
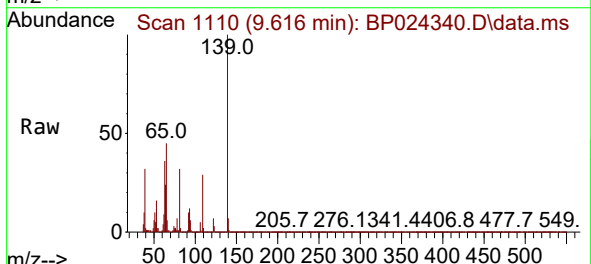
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

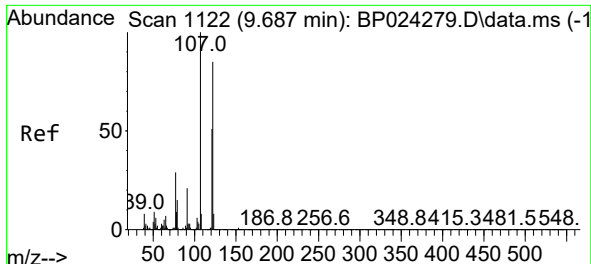
Tgt Ion: 82 Resp: 1283590
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.0 14.4 21.6



#26
2-Nitrophenol
Concen: 47.139 ng
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:139 Resp: 352469
Ion Ratio Lower Upper
139 100
109 29.3 21.8 32.6
65 45.3 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 65.890 ng

RT: 9.681 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

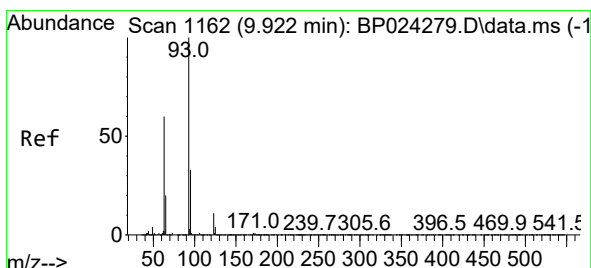
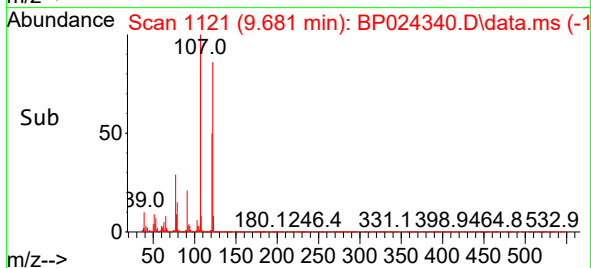
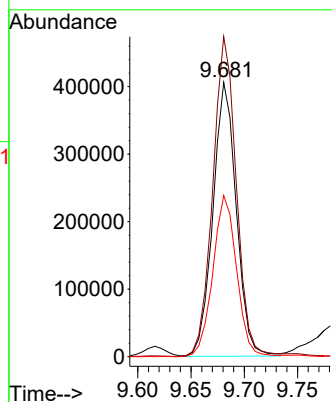
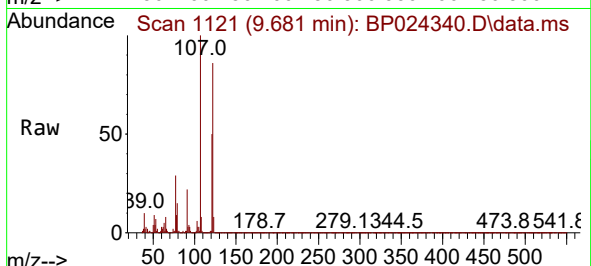
Tgt Ion:122 Resp: 618618

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

121 58.8 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.841 ng

RT: 9.910 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

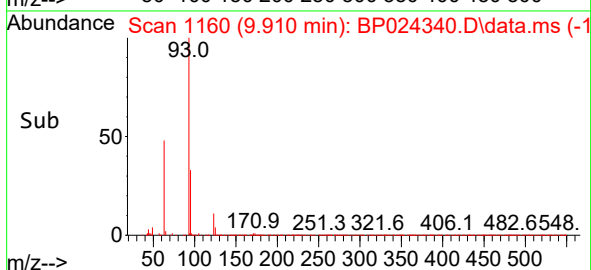
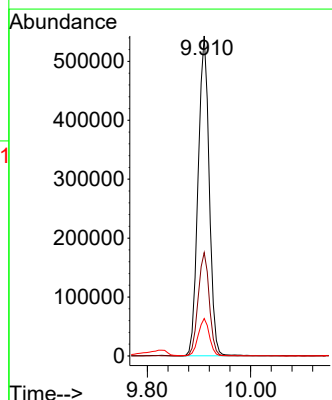
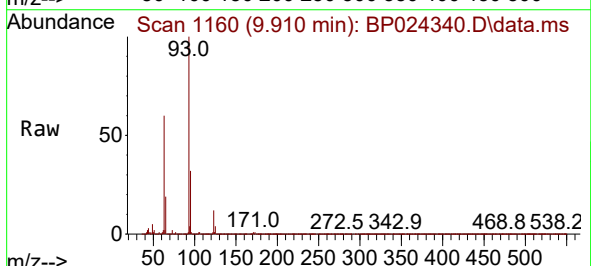
Tgt Ion: 93 Resp: 809084

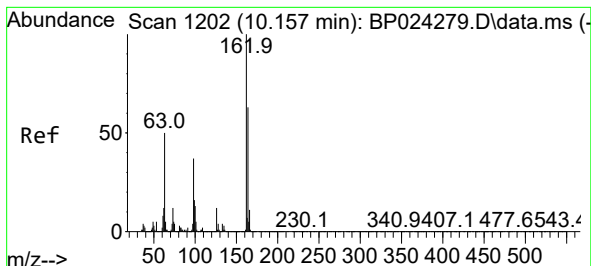
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.235 ng

RT: 10.151 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

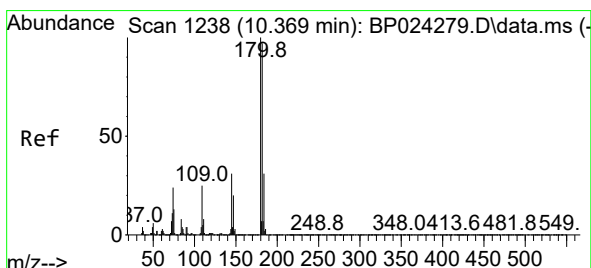
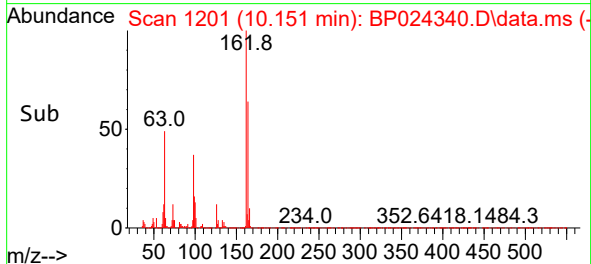
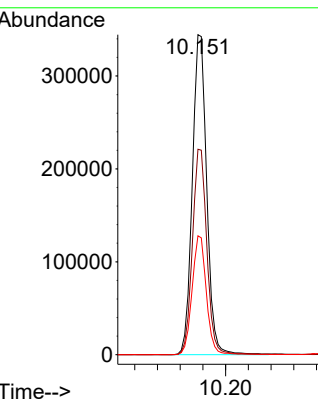
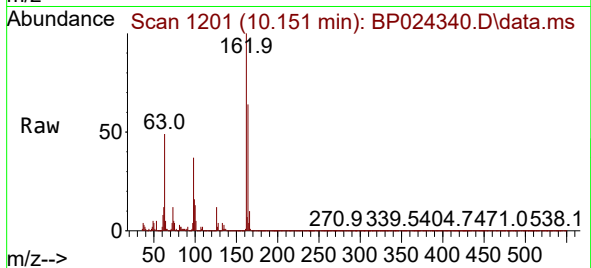
Tgt Ion:162 Resp: 604676

Ion Ratio Lower Upper

162 100

164 64.2 43.3 83.3

98 37.1 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.959 ng

RT: 10.363 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

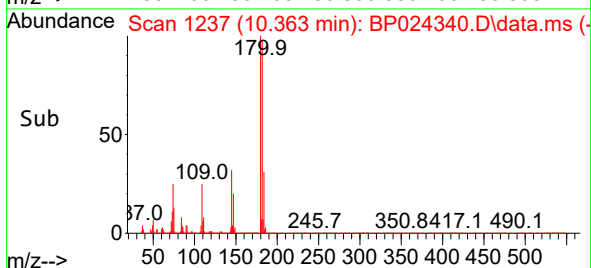
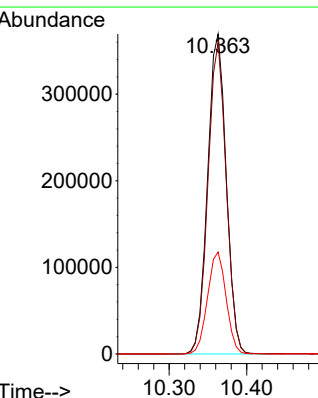
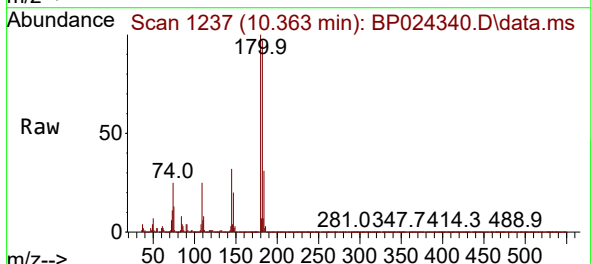
Tgt Ion:180 Resp: 616636

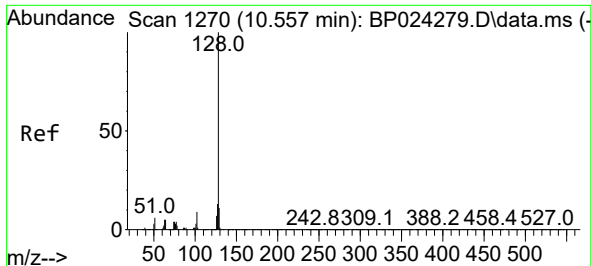
Ion Ratio Lower Upper

180 100

182 97.4 77.3 115.9

145 31.8 25.1 37.7

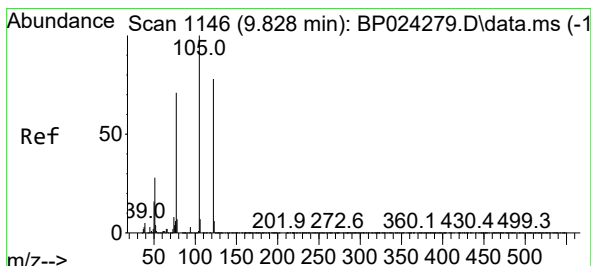
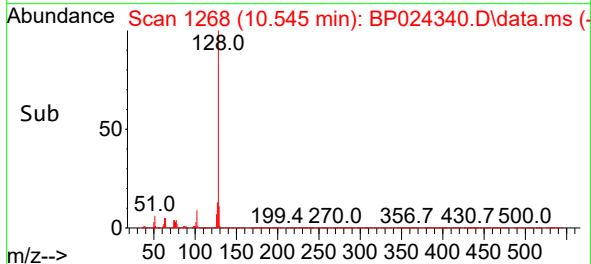
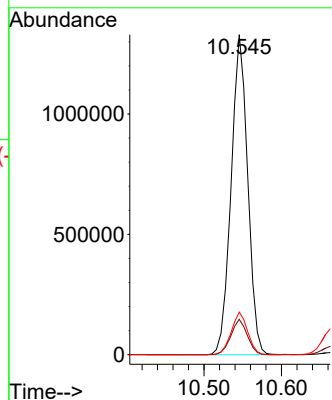
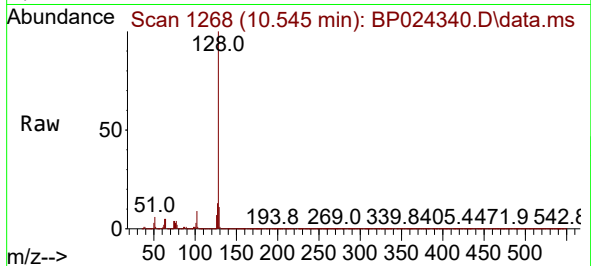




#31
Naphthalene
Concen: 42.643 ng
RT: 10.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

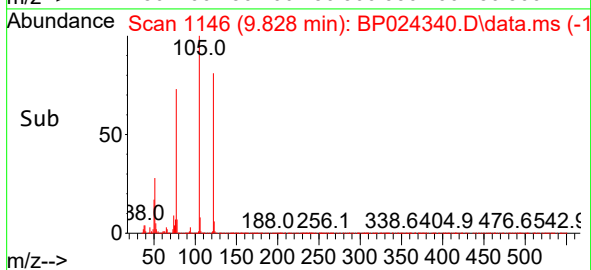
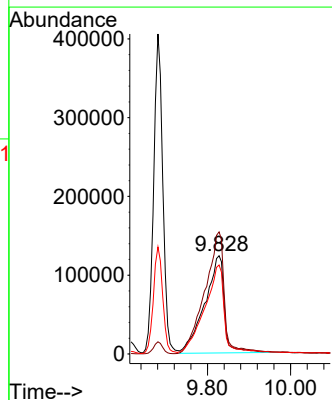
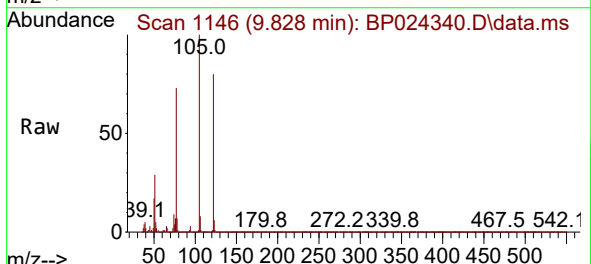
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

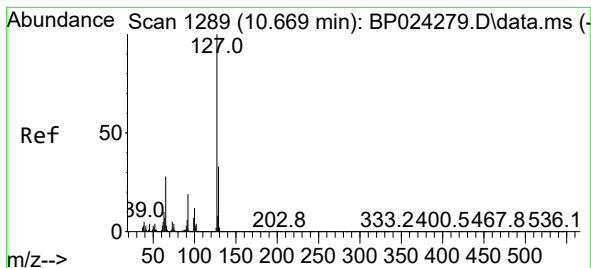
Tgt Ion:128 Resp: 1978305
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 37.093 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:122 Resp: 405788
Ion Ratio Lower Upper
122 100
105 124.3 104.8 144.8
77 90.6 69.2 109.2

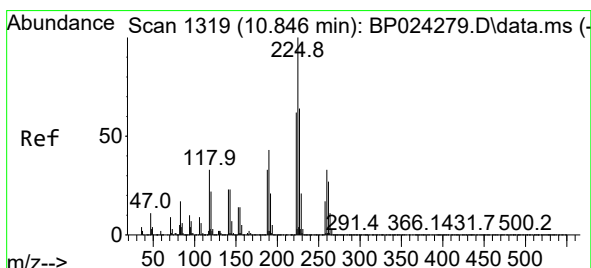
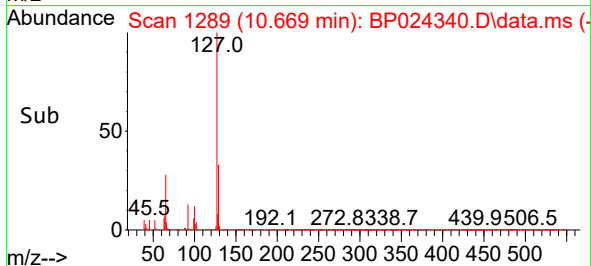
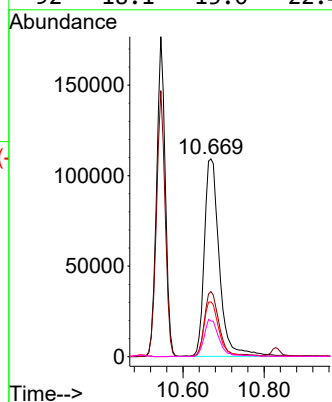
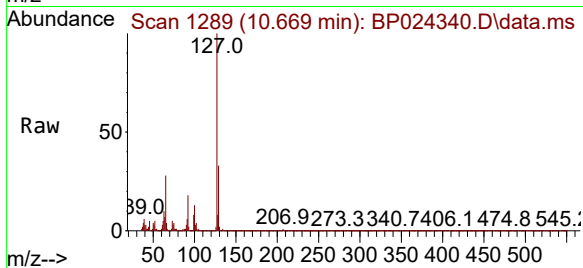




#33
4-Chloroaniline
Concen: 17.176 ng
RT: 10.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

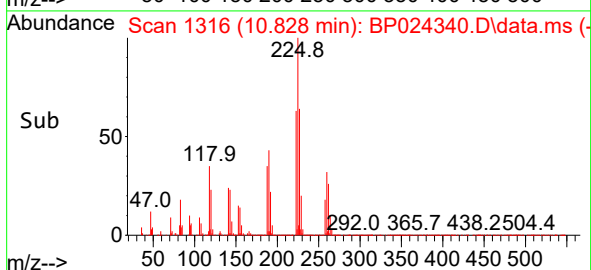
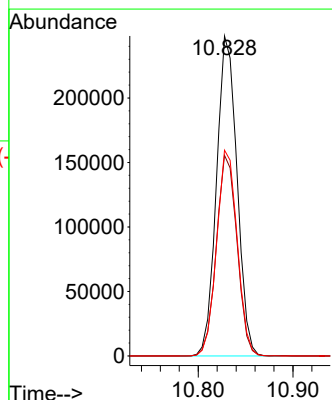
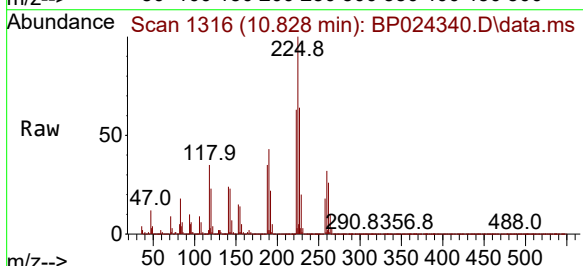
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

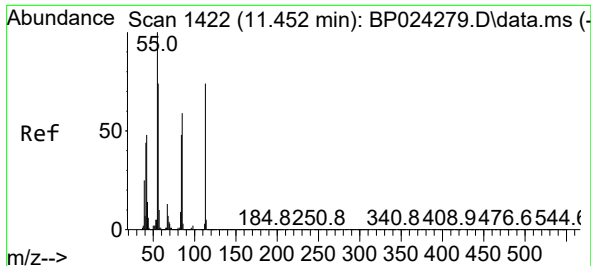
Tgt Ion:	127	Resp:	280611
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	27.8	22.1	33.1
92	18.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 46.296 ng
RT: 10.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:	225	Resp:	373132
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.5	74.3
227	64.3	50.9	76.3

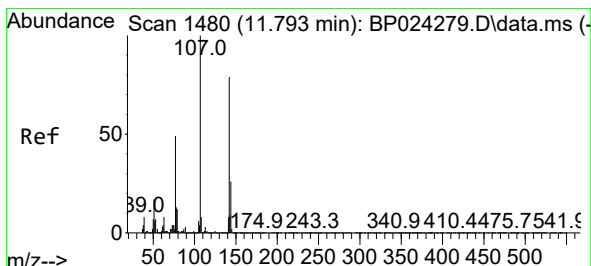
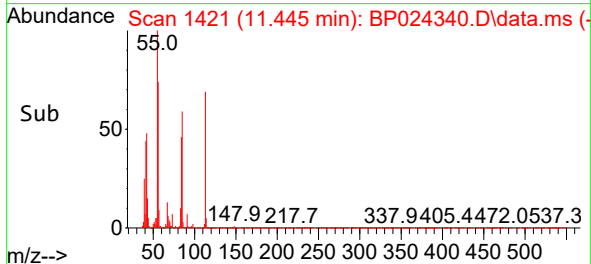
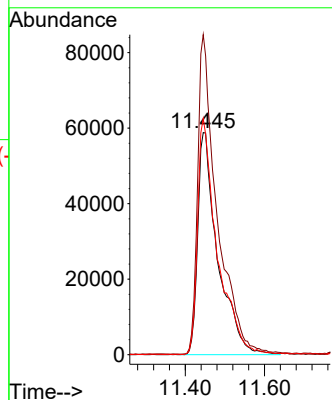
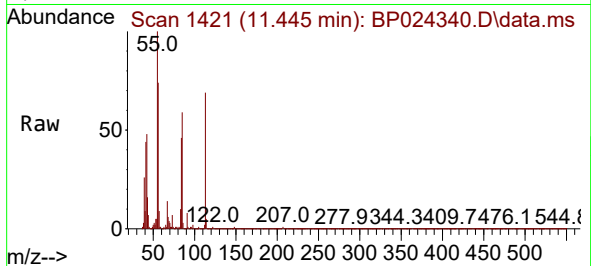




#35
Caprolactam
Concen: 43.585 ng
RT: 11.445 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

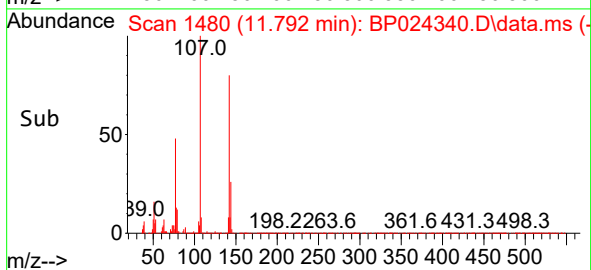
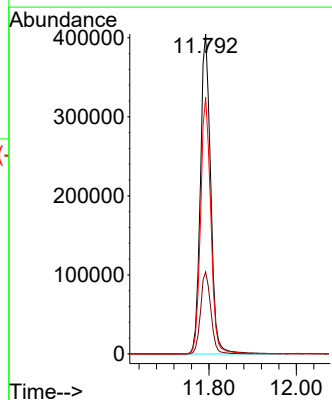
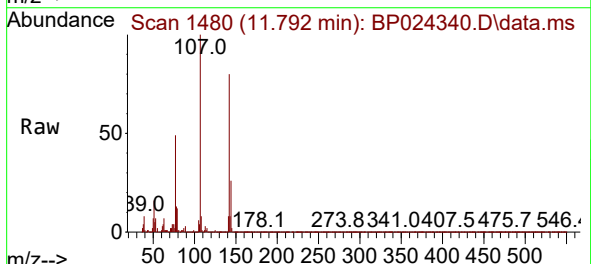
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

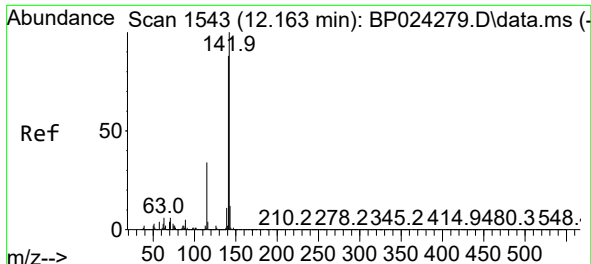
Tgt Ion:113 Resp: 205873
Ion Ratio Lower Upper
113 100
55 144.1 115.9 155.9
56 106.4 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 44.502 ng
RT: 11.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:107 Resp: 663548
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 80.3 63.4 95.2

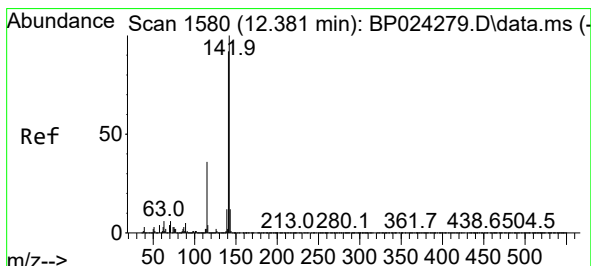
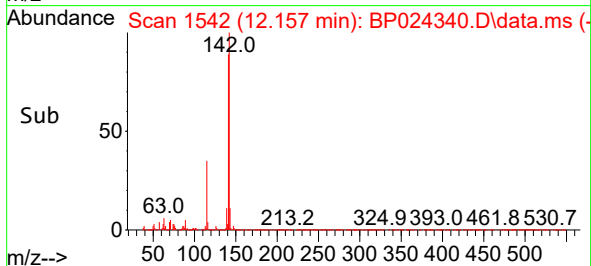
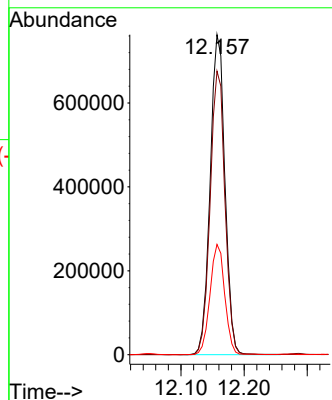
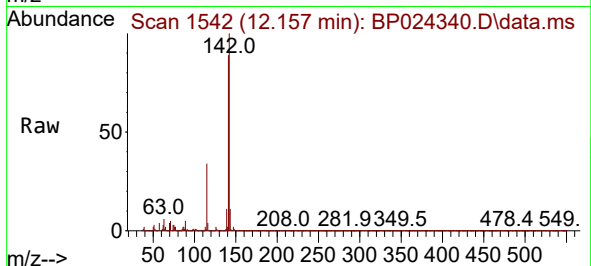




#37
2-Methylnaphthalene
Concen: 38.463 ng
RT: 12.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

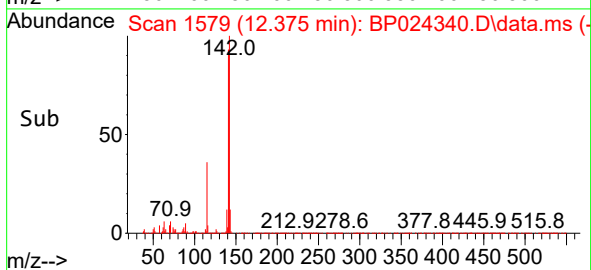
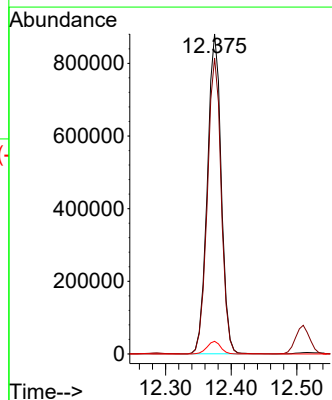
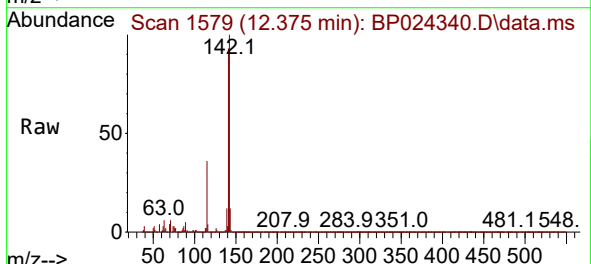
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

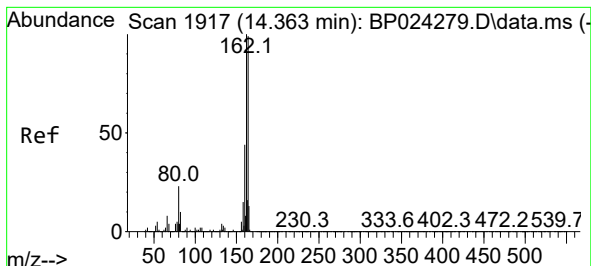
Tgt Ion:142 Resp: 1237491
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 34.5 26.9 40.3



#38
1-Methylnaphthalene
Concen: 41.184 ng
RT: 12.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:142 Resp: 1296259
Ion Ratio Lower Upper
142 100
141 92.5 73.6 110.4
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

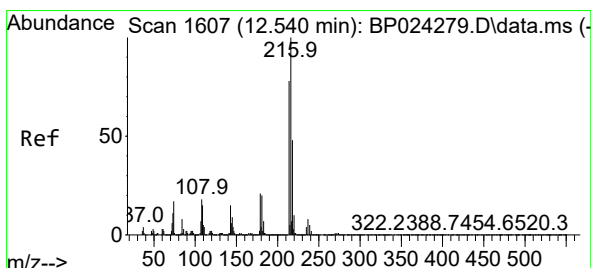
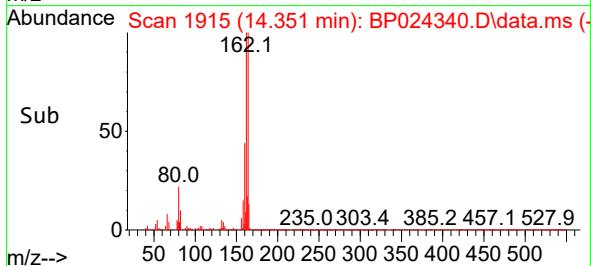
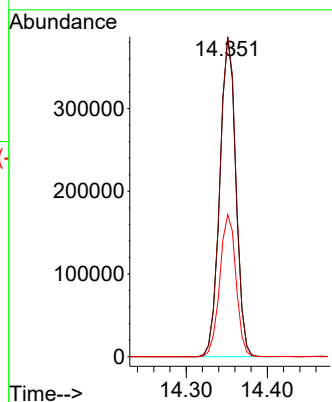
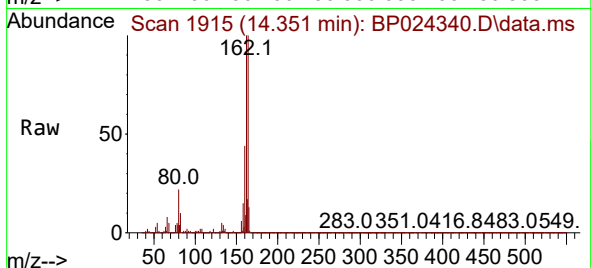
Tgt Ion:164 Resp: 530682

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 44.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.868 ng

RT: 12.534 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Tgt Ion:216 Resp: 669392

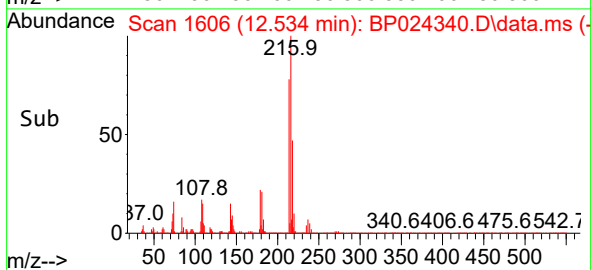
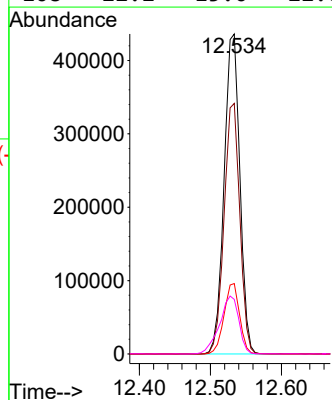
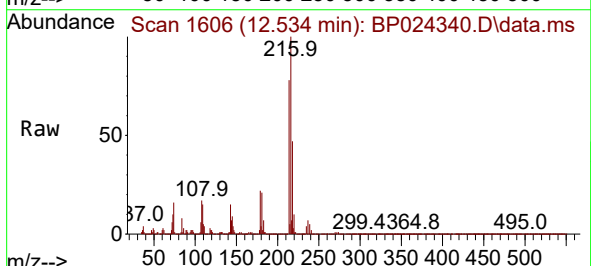
Ion Ratio Lower Upper

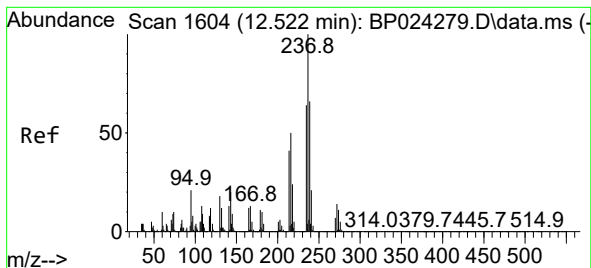
216 100

214 78.3 62.6 93.8

179 21.8 17.2 25.8

108 22.2 15.0 22.6

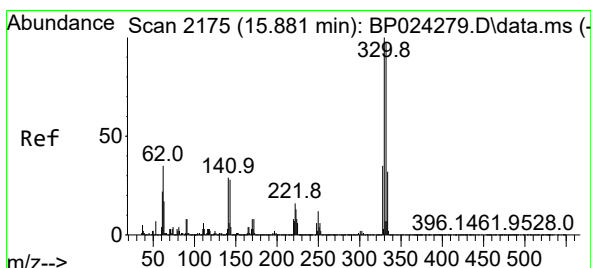
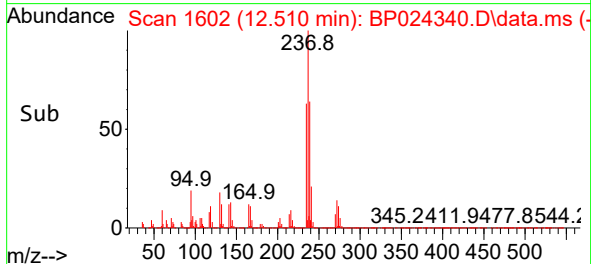
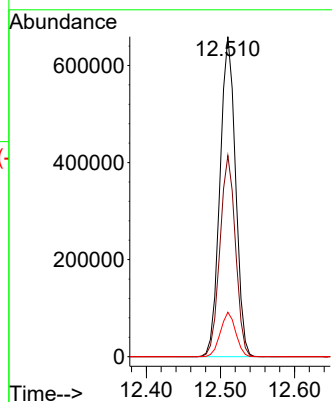
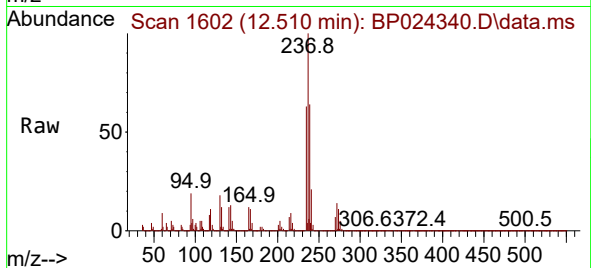




#41
Hexachlorocyclopentadiene
Concen: 186.541 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

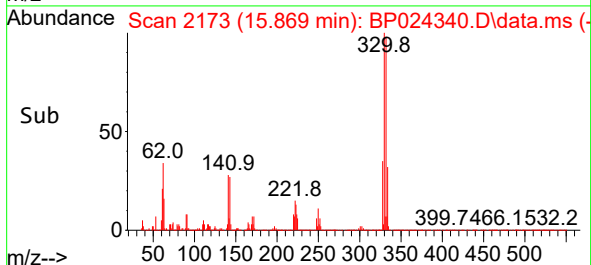
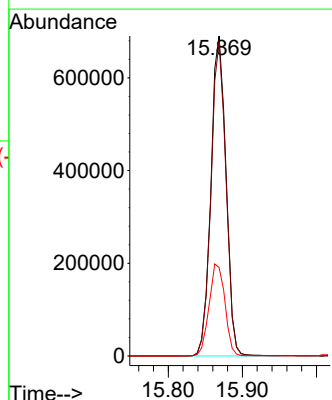
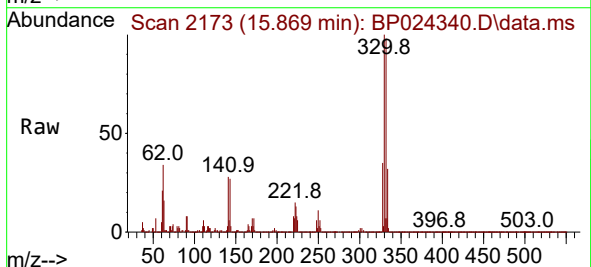
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

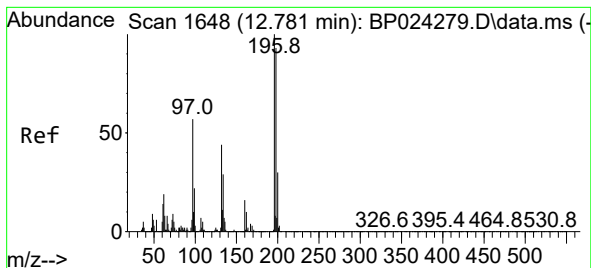
Tgt Ion:237 Resp: 962824
Ion Ratio Lower Upper
237 100
235 62.9 43.9 83.9
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 133.168 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:330 Resp: 977752
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 30.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 48.507 ng

RT: 12.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

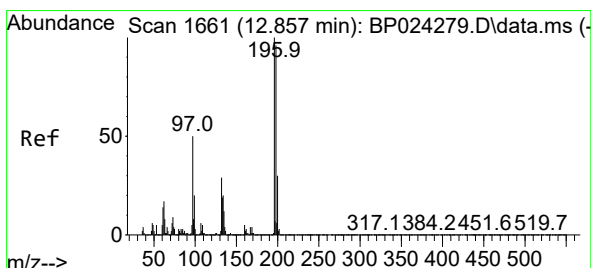
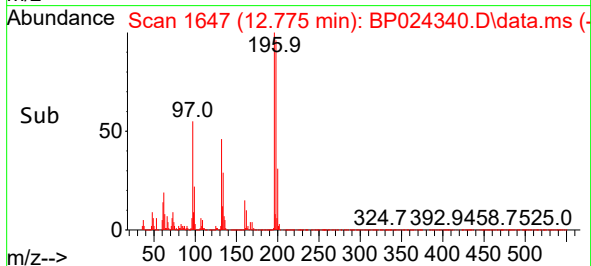
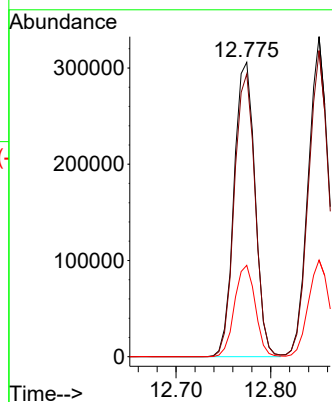
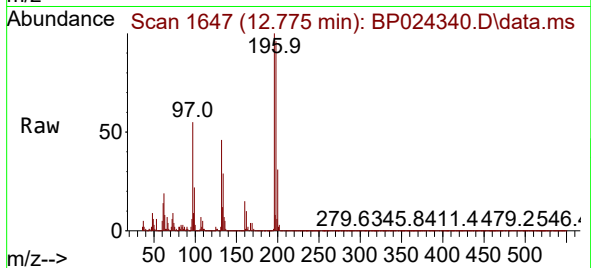
Tgt Ion:196 Resp: 470649

Ion Ratio Lower Upper

196 100

198 96.0 74.3 111.5

200 31.1 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 48.623 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Tgt Ion:196 Resp: 522436

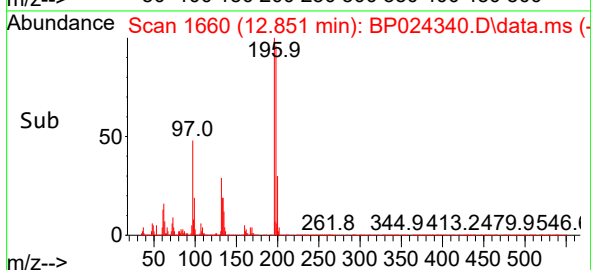
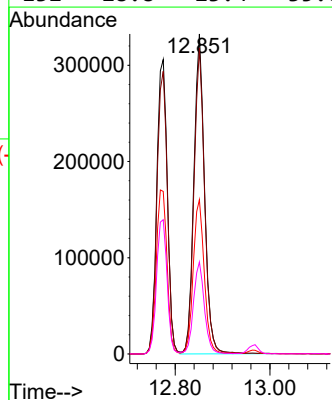
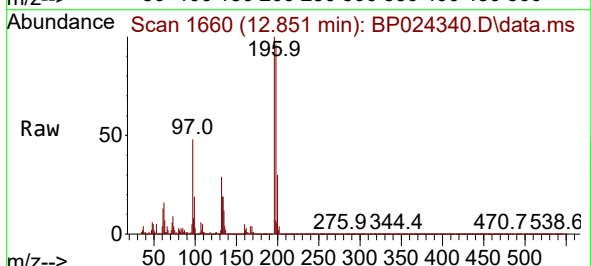
Ion Ratio Lower Upper

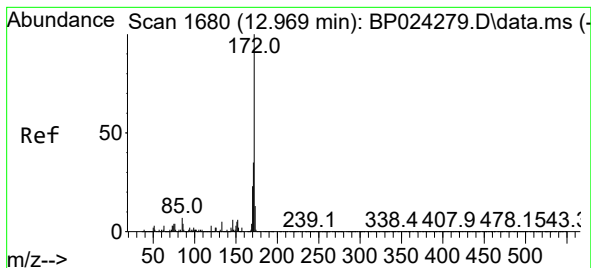
196 100

198 95.7 77.3 115.9

97 48.2 40.4 60.6

132 28.8 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 85.705 ng

RT: 12.969 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

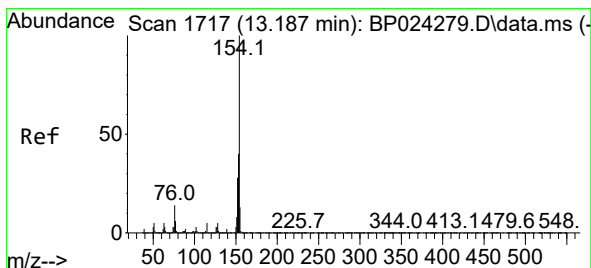
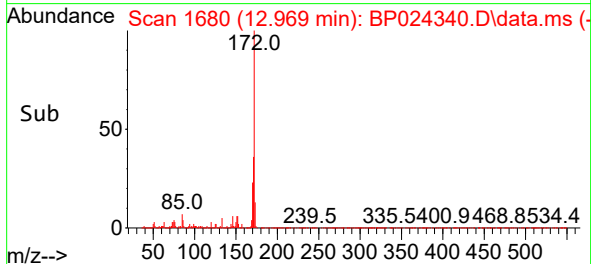
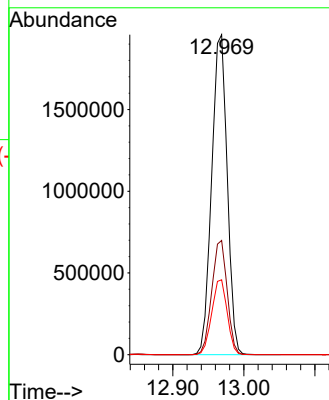
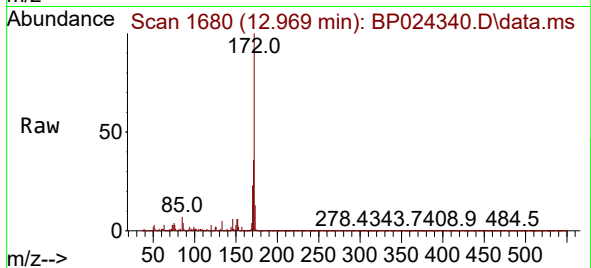
Tgt Ion:172 Resp: 2970515

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.045 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

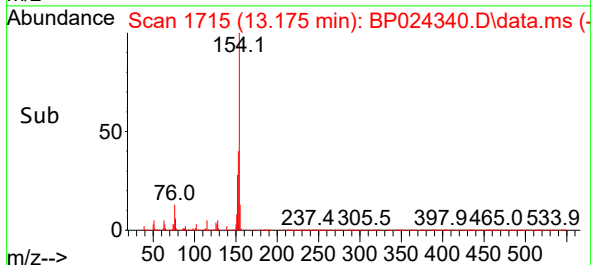
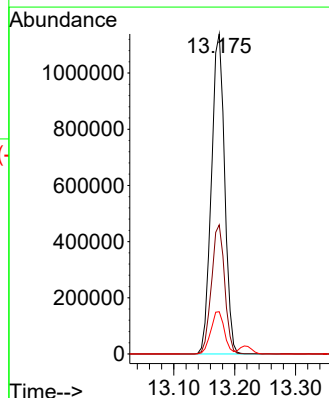
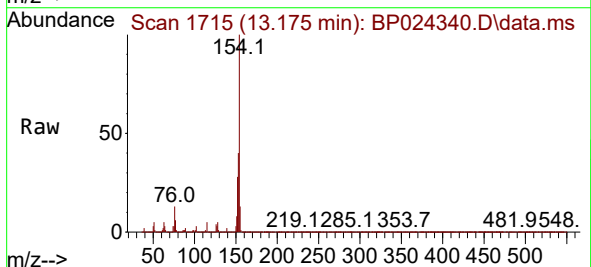
Tgt Ion:154 Resp: 1718087

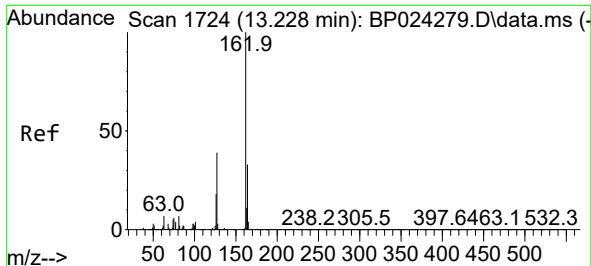
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.2 0.0 33.5

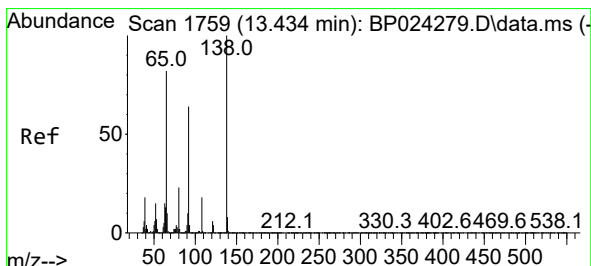
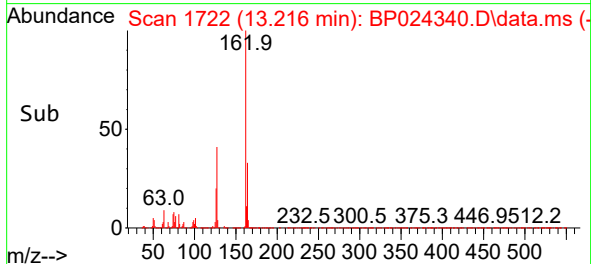
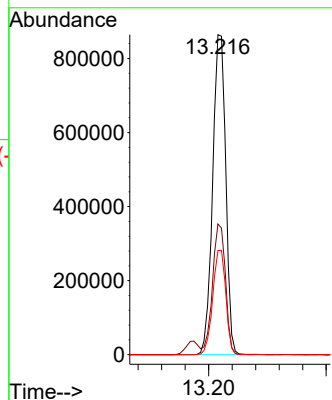
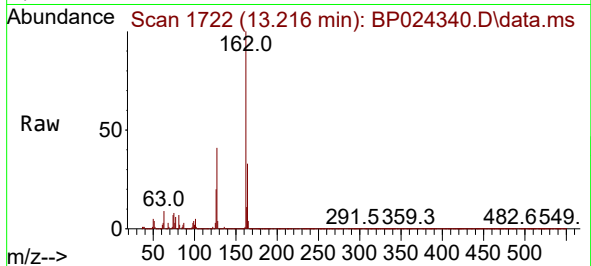




#47
2-Chloronaphthalene
Concen: 45.695 ng
RT: 13.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

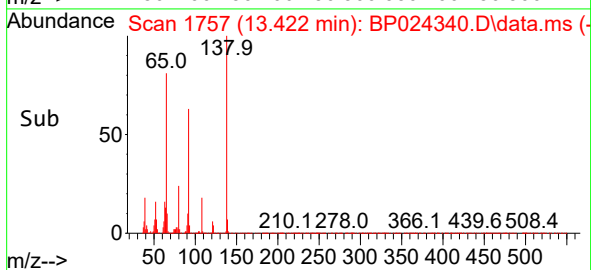
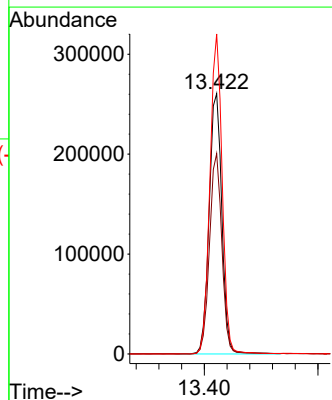
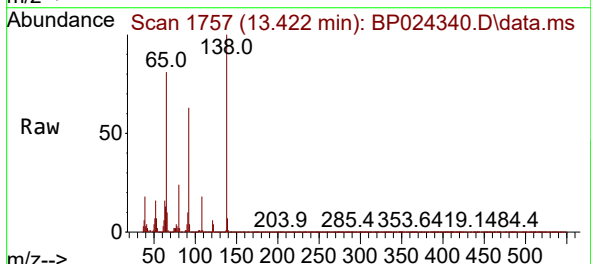
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

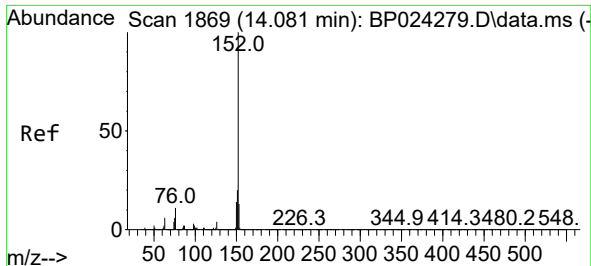
Tgt Ion:162 Resp: 1332204
Ion Ratio Lower Upper
162 100
127 40.9 31.9 47.9
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 49.223 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion: 65 Resp: 402533
Ion Ratio Lower Upper
65 100
92 77.0 62.3 93.5
138 122.9 97.2 145.8

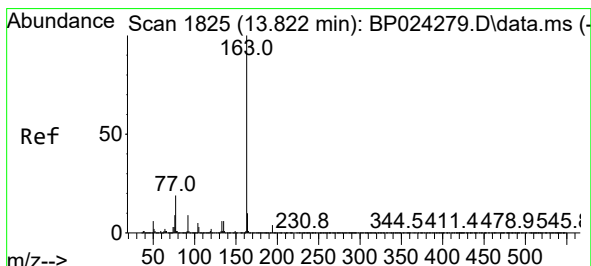
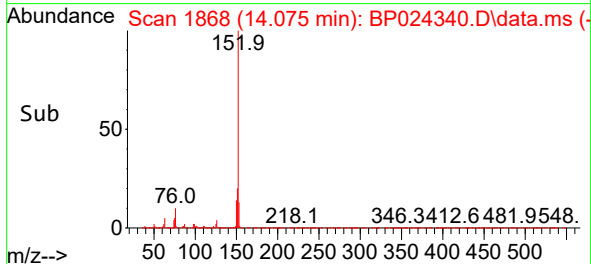
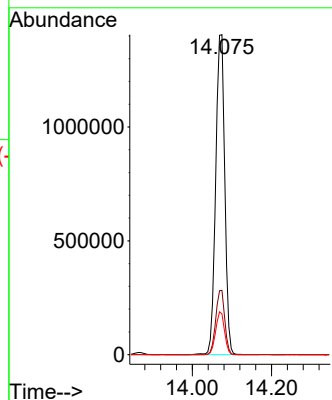
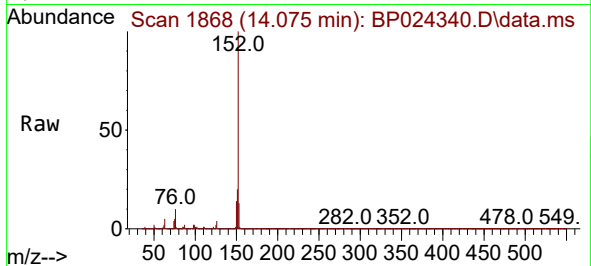




#49
Acenaphthylene
Concen: 48.526 ng
RT: 14.075 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

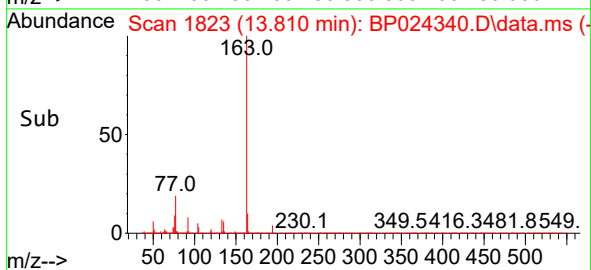
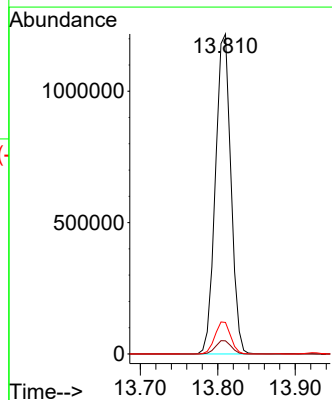
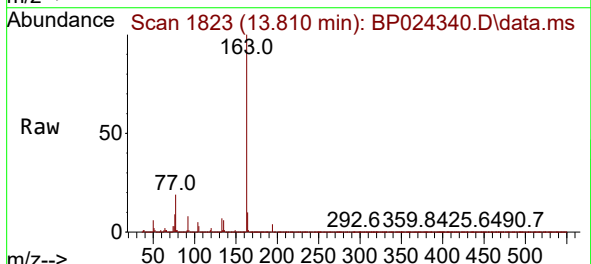
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

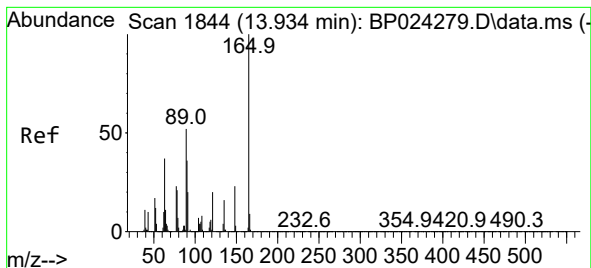
Tgt Ion:152 Resp: 2227375
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.7 10.6 15.8



#50
Dimethylphthalate
Concen: 43.797 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:163 Resp: 1690213
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.8 8.0 12.0

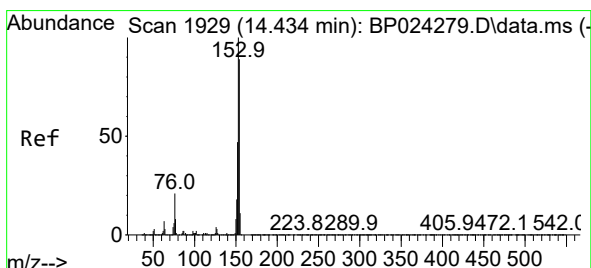
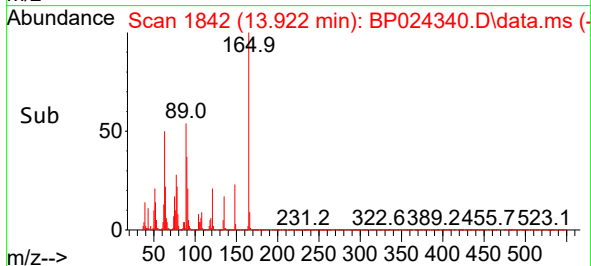
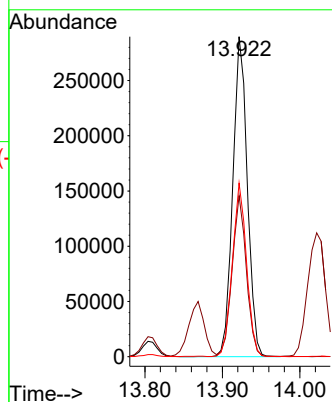
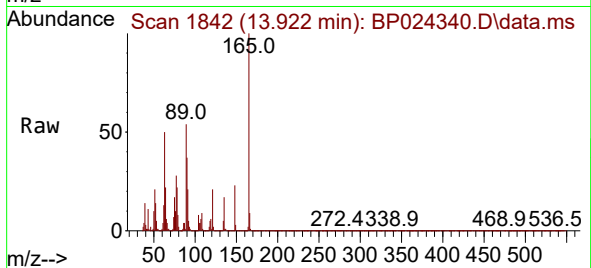




#51
2,6-Dinitrotoluene
Concen: 46.138 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

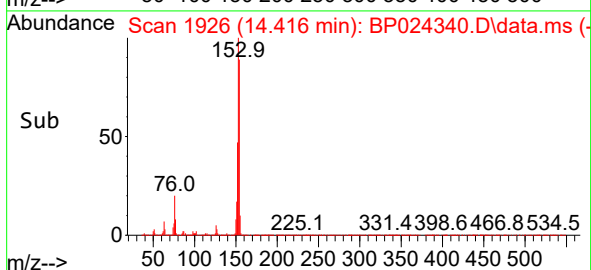
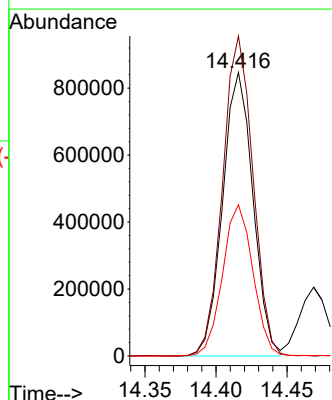
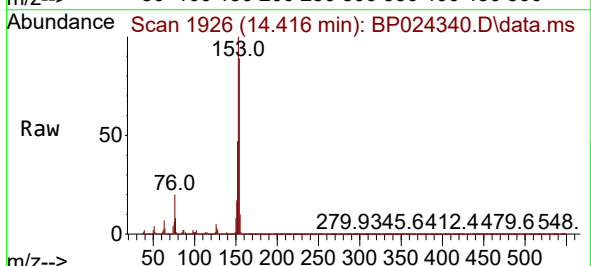
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

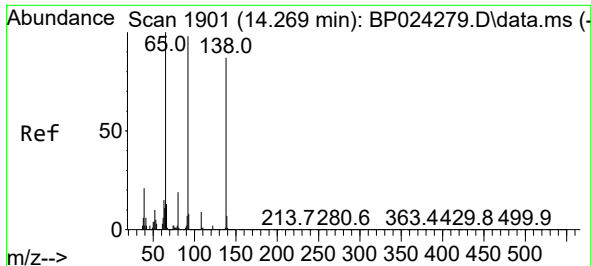
Tgt Ion:165 Resp: 378097
Ion Ratio Lower Upper
165 100
63 50.3 38.0 57.0
89 54.3 41.7 62.5



#52
Acenaphthene
Concen: 43.270 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:154 Resp: 1259133
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 53.4 42.6 63.8

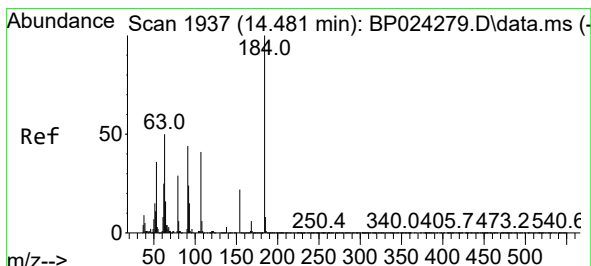
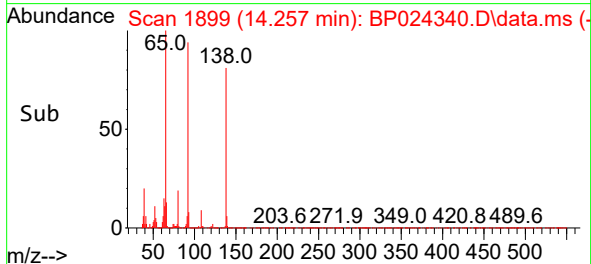
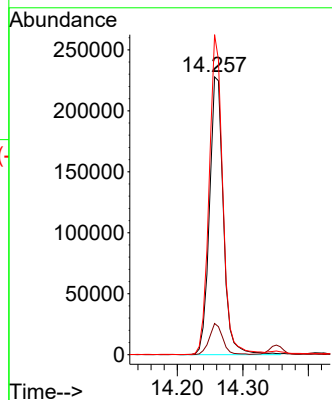
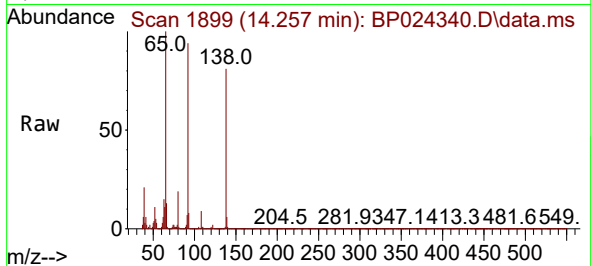




#53
3-Nitroaniline
Concen: 39.055 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

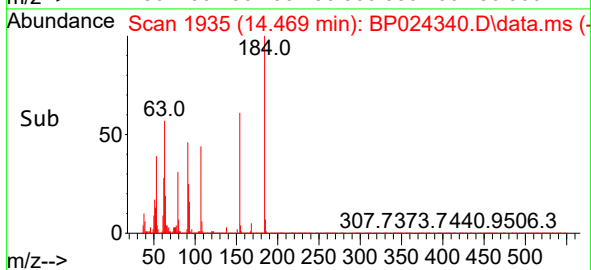
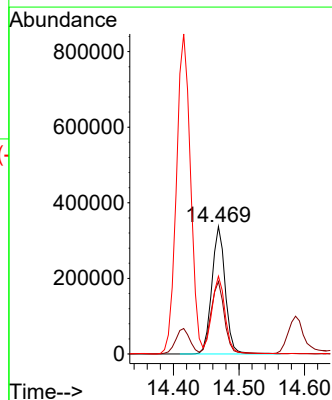
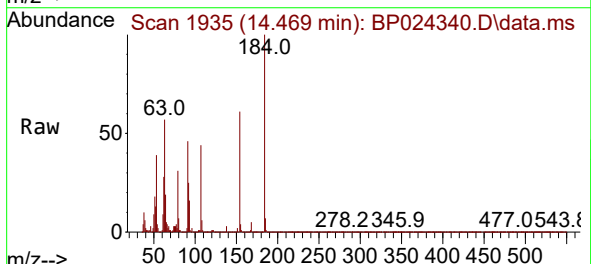
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

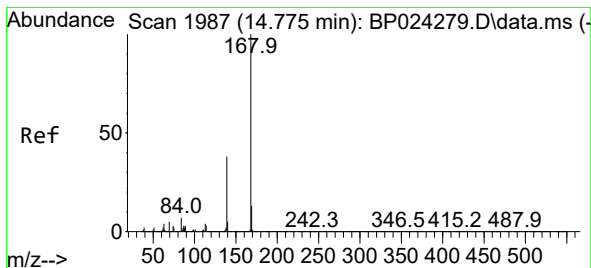
Tgt Ion:138 Resp: 336382
Ion Ratio Lower Upper
138 100
108 11.2 8.3 12.5
92 115.2 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 99.667 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:184 Resp: 481115
Ion Ratio Lower Upper
184 100
63 56.8 42.6 64.0
154 61.0 47.2 70.8





#55

Dibenzenofuran

Concen: 42.350 ng

RT: 14.751 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

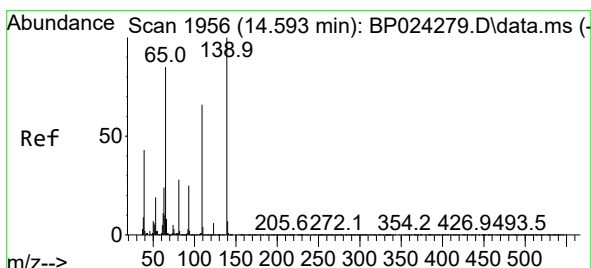
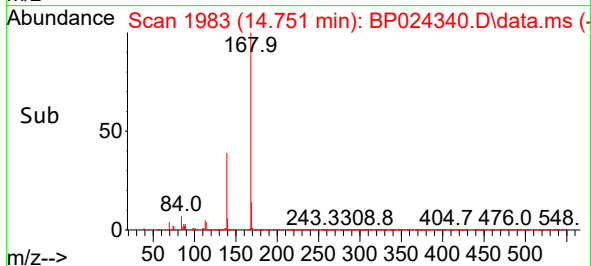
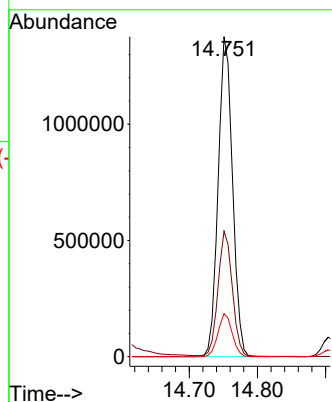
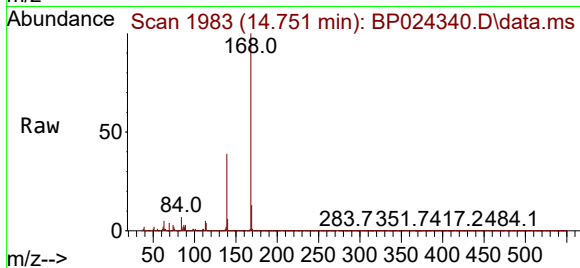
Tgt Ion:168 Resp: 2014421

Ion Ratio Lower Upper

168 100

139 39.2 30.3 45.5

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 98.578 ng

RT: 14.586 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

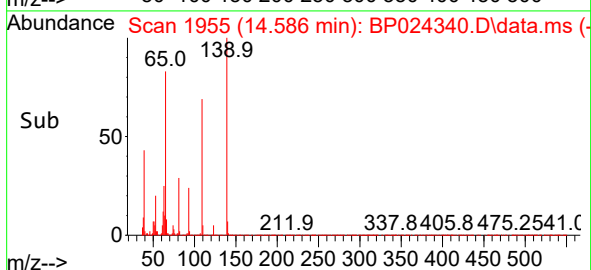
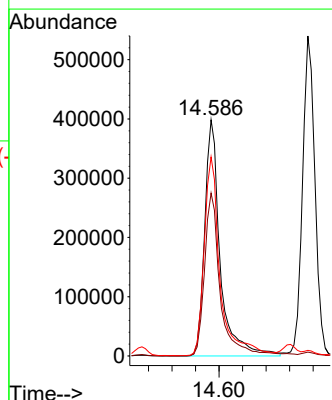
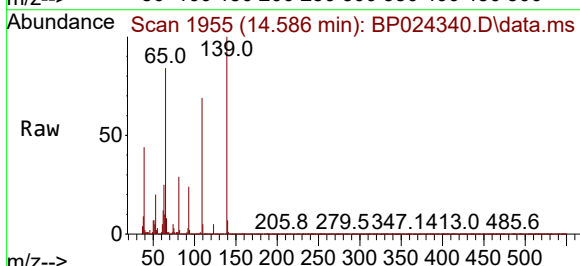
Tgt Ion:139 Resp: 733290

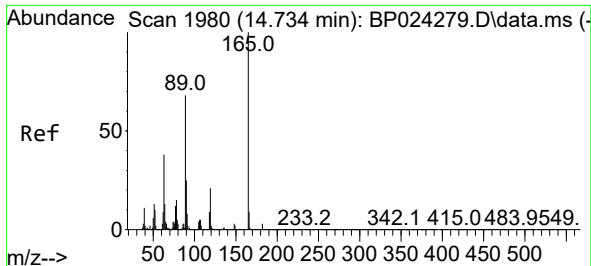
Ion Ratio Lower Upper

139 100

109 69.0 46.1 86.1

65 84.3 65.0 105.0

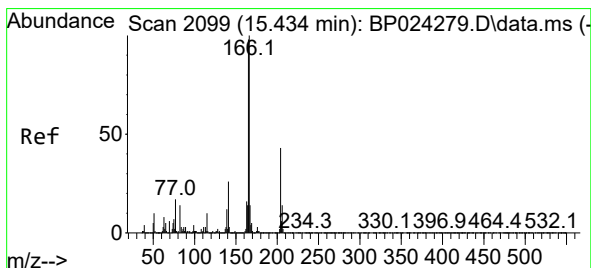
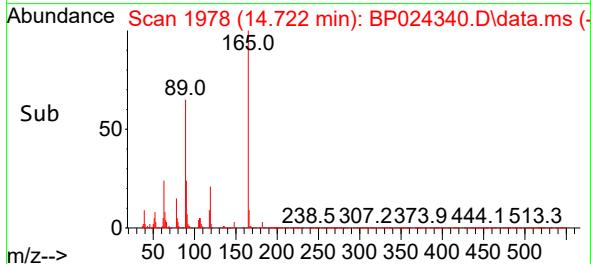
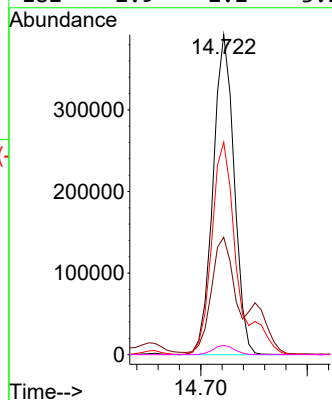
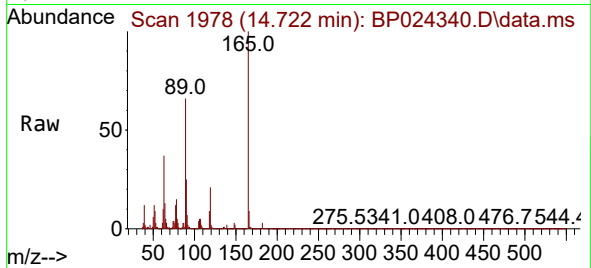




#57
2,4-Dinitrotoluene
Concen: 48.159 ng
RT: 14.722 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

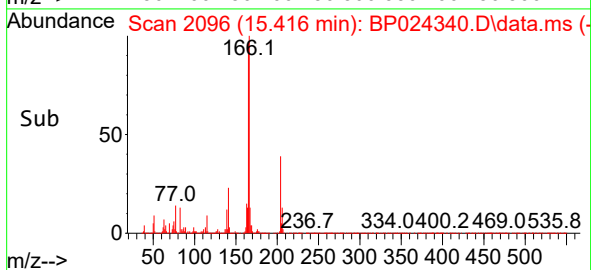
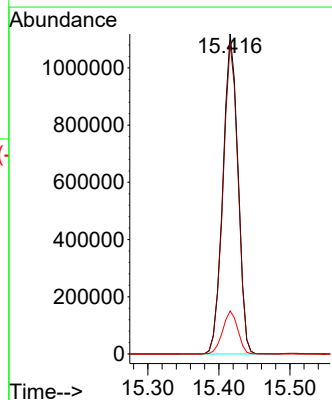
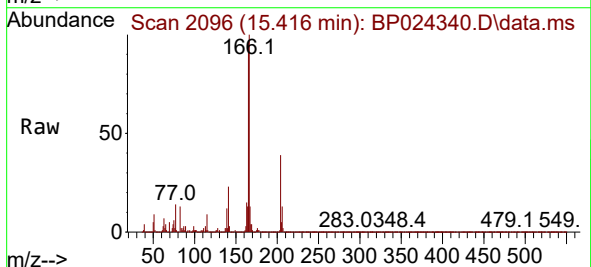
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

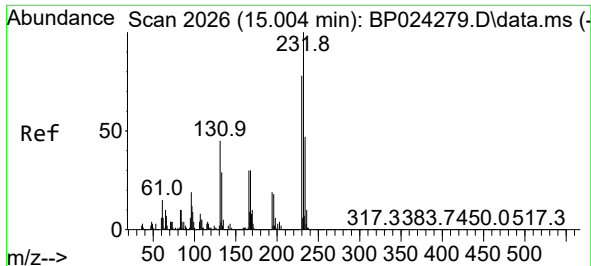
Tgt Ion:165 Resp: 538364
Ion Ratio Lower Upper
165 100
63 36.7 30.4 45.6
89 66.4 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 44.561 ng
RT: 15.416 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:166 Resp: 1640808
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.4 10.9 16.3

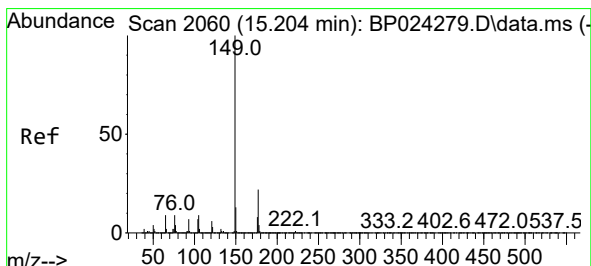
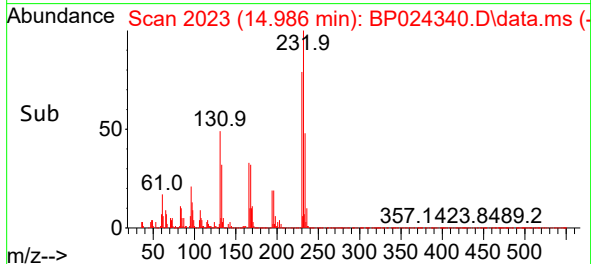
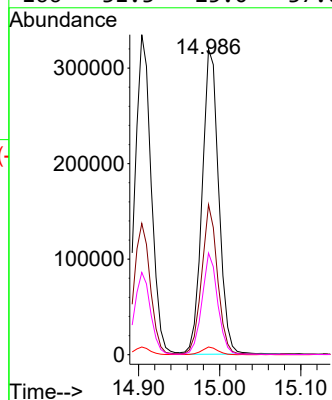
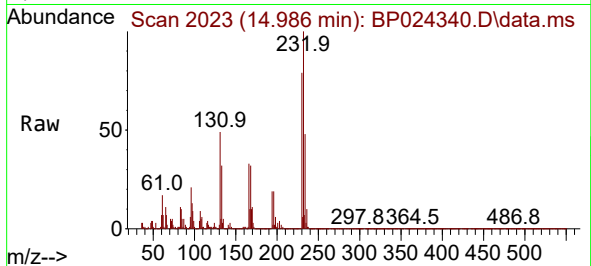




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.751 ng
RT: 14.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

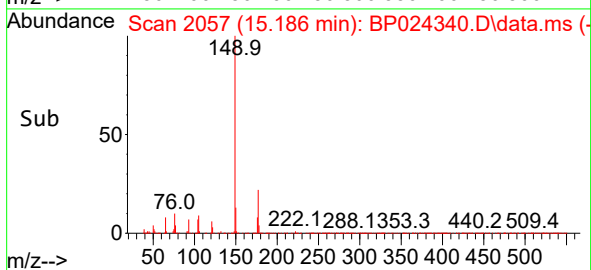
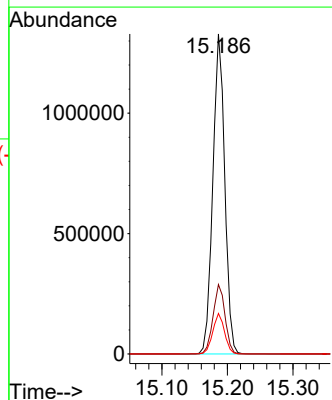
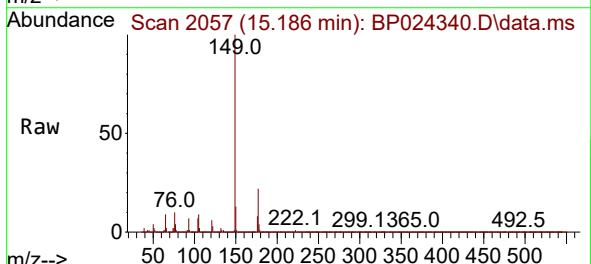
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

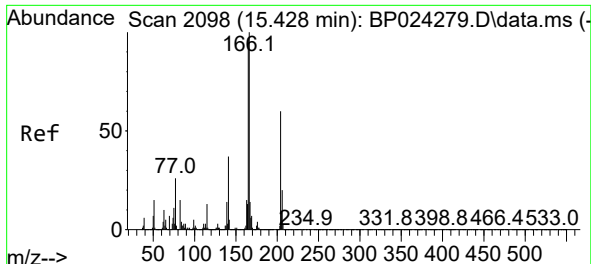
Tgt Ion:232 Resp: 453385
Ion Ratio Lower Upper
232 100
131 46.6 36.8 55.2
130 2.4 1.9 2.9
166 31.3 25.0 37.6



#60
Diethylphthalate
Concen: 42.147 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:149 Resp: 1676184
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.7 10.1 15.1

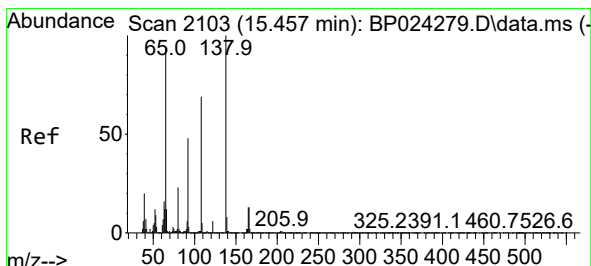
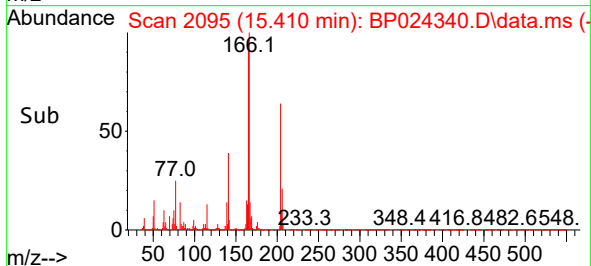
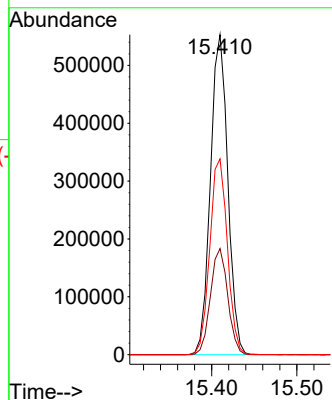
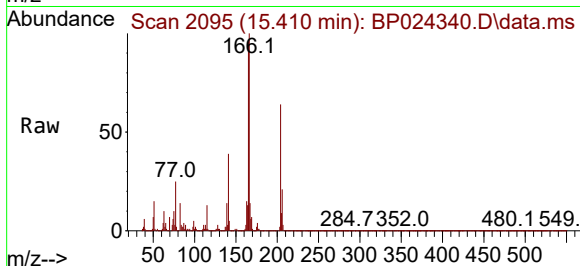




#61
4-Chlorophenyl-phenylether
Concen: 43.761 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

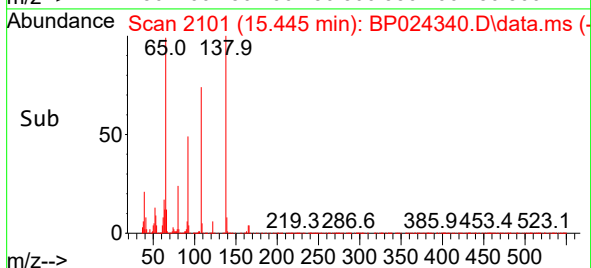
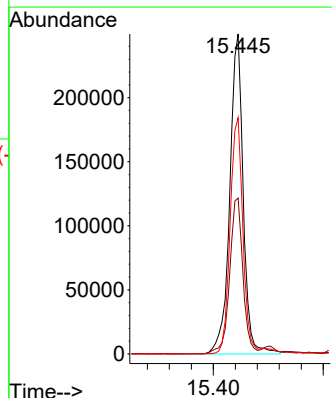
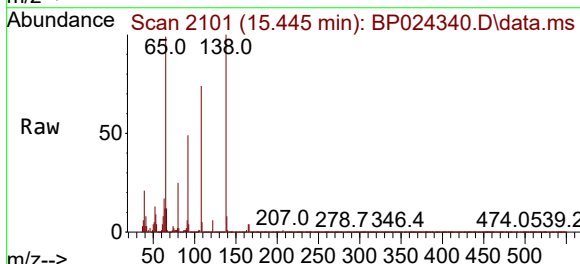
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

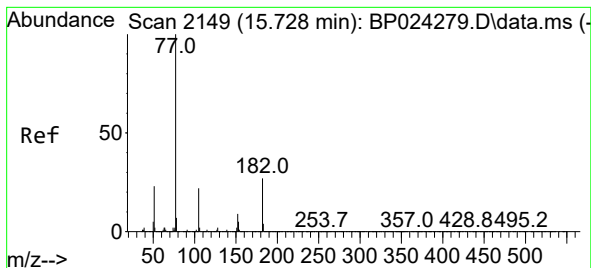
Tgt Ion:204 Resp: 782490
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 61.2 49.4 74.0



#62
4-Nitroaniline
Concen: 46.622 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:138 Resp: 425096
Ion Ratio Lower Upper
138 100
92 48.7 27.8 67.8
108 73.8 48.9 88.9

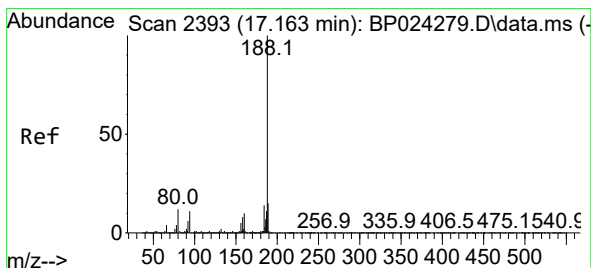
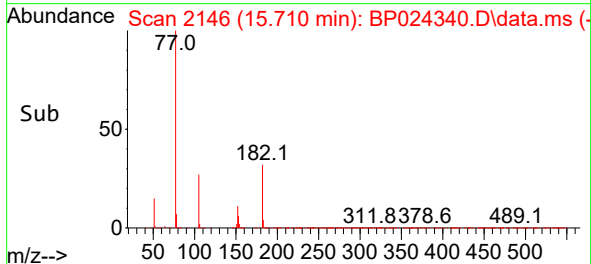
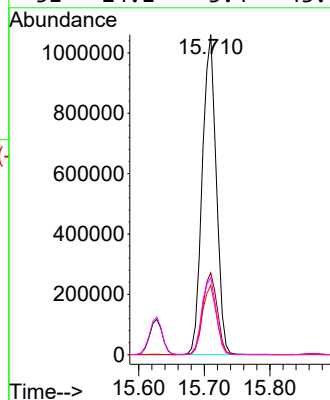
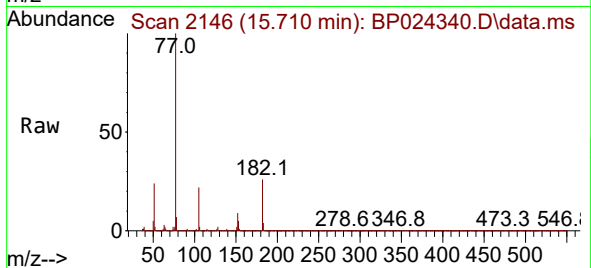




#63
Azobenzene
Concen: 42.991 ng
RT: 15.710 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

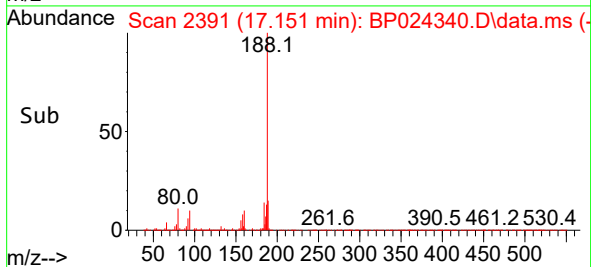
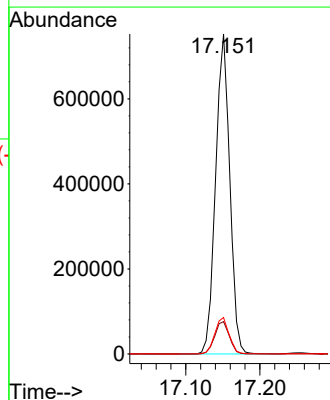
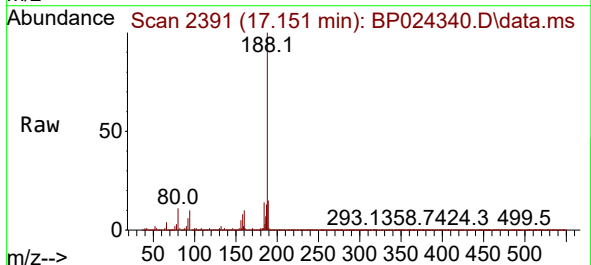
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

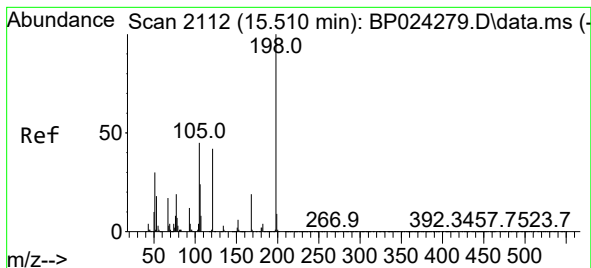
Tgt Ion: 77 Resp: 1571444
Ion Ratio Lower Upper
77 100
182 25.6 7.3 47.3
105 21.7 2.3 42.3
51 24.1 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion: 188 Resp: 995933
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 11.4 9.8 14.6

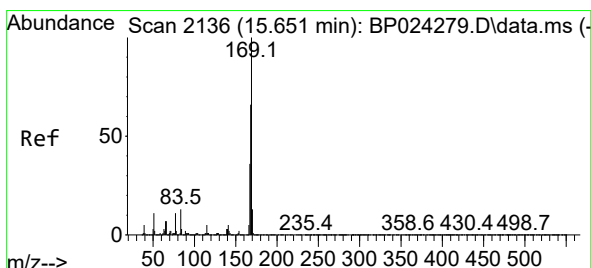
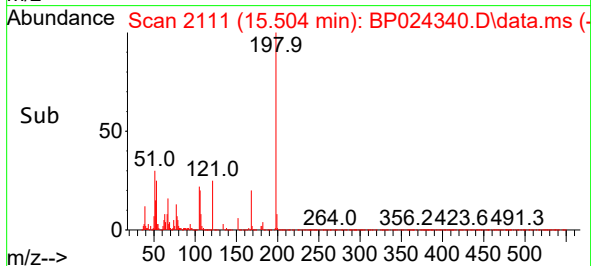
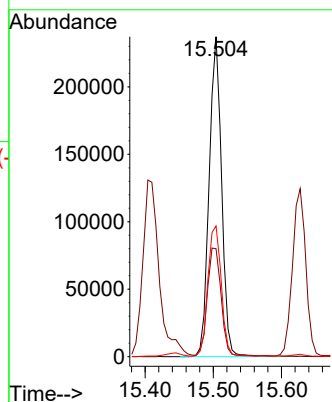
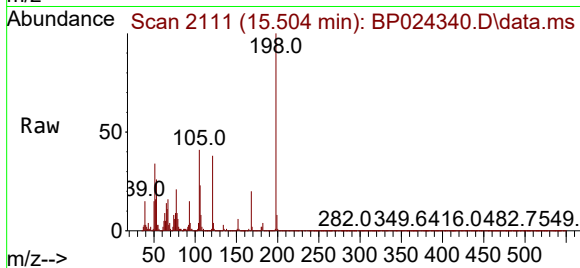




#65
4,6-Dinitro-2-methylphenol
Concen: 48.075 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

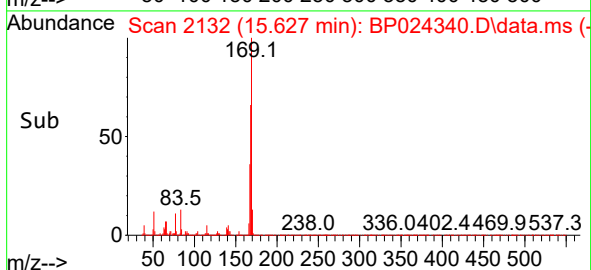
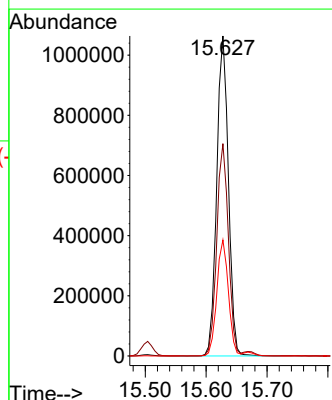
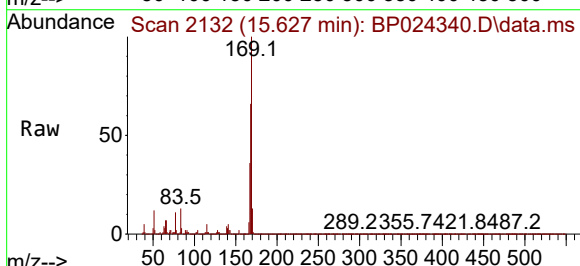
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

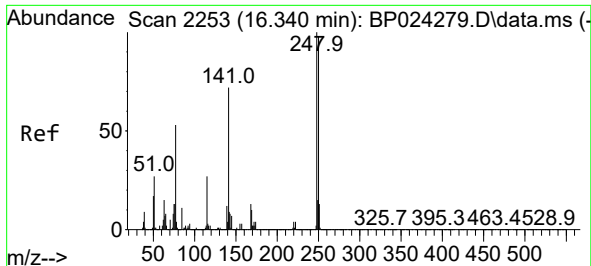
Tgt Ion:198 Resp: 301863
Ion Ratio Lower Upper
198 100
51 33.7 18.4 58.4
105 40.9 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.467 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:169 Resp: 1411022
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 36.2 28.9 43.3

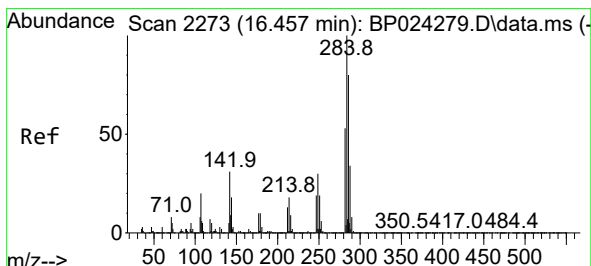
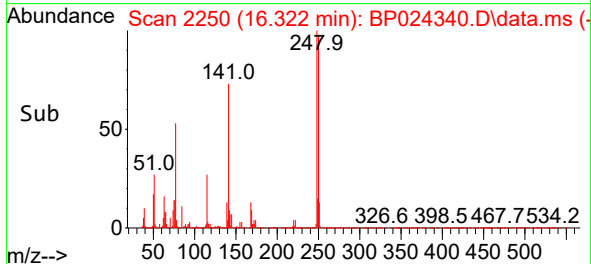
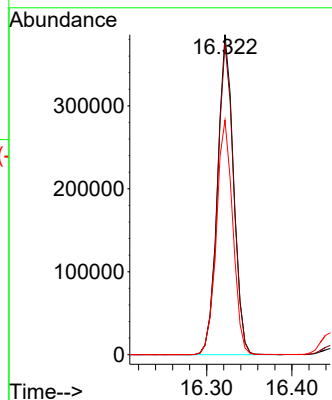
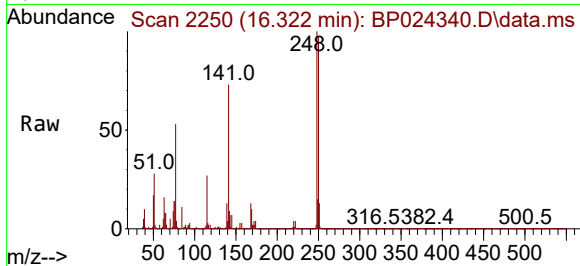




#67
4-Bromophenyl-phenylether
Concen: 46.403 ng
RT: 16.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

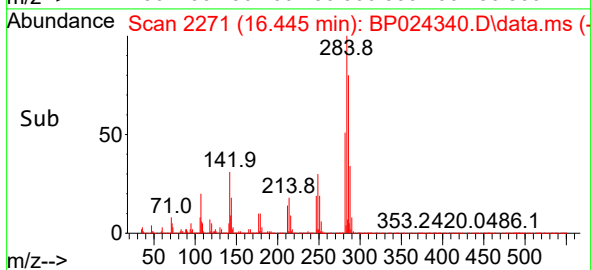
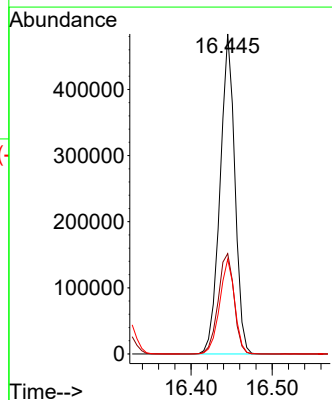
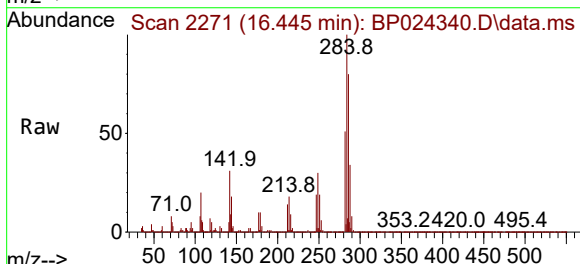
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

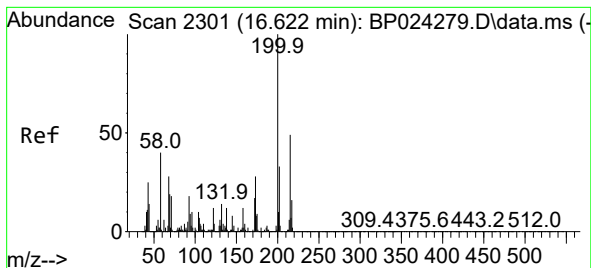
Tgt Ion:248 Resp: 505435
Ion Ratio Lower Upper
248 100
250 97.1 78.2 117.4
141 73.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 47.515 ng
RT: 16.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:284 Resp: 614989
Ion Ratio Lower Upper
284 100
142 31.3 24.6 37.0
249 29.6 23.8 35.6





#69

Atrazine

Concen: 64.933 ng

RT: 16.610 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

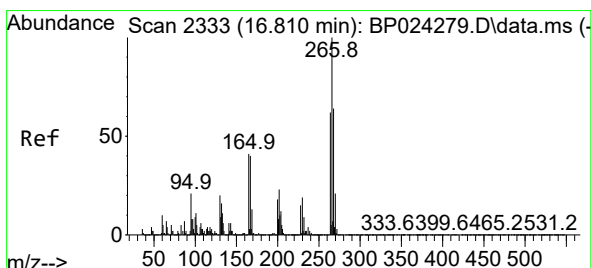
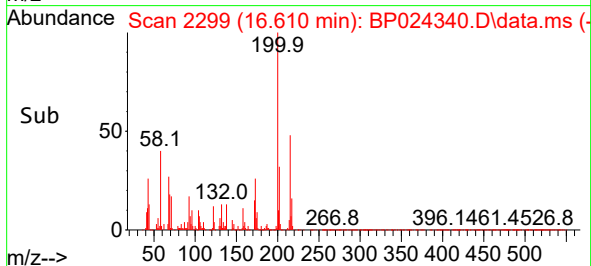
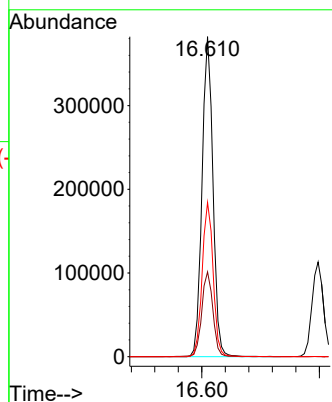
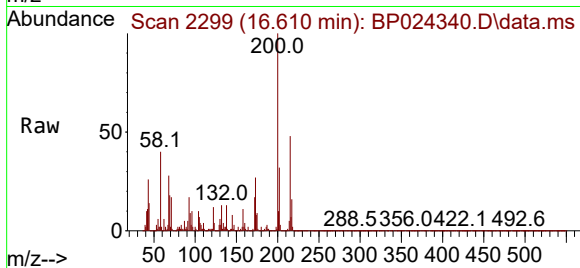
Tgt Ion:200 Resp: 491611

Ion Ratio Lower Upper

200 100

173 26.5 7.5 47.5

215 48.2 28.8 68.8



#70

Pentachlorophenol

Concen: 96.463 ng

RT: 16.798 min Scan# 2331

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

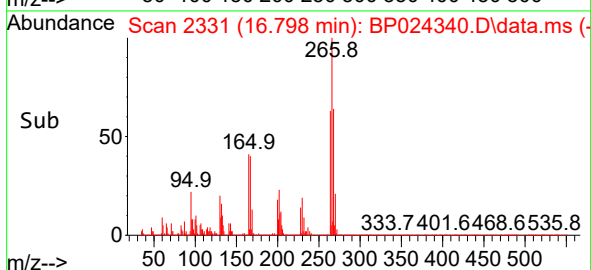
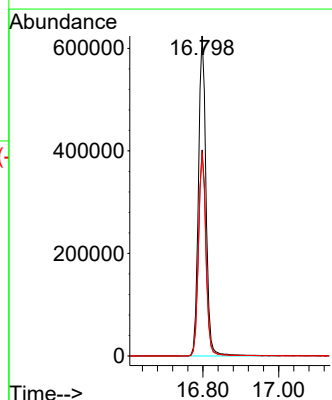
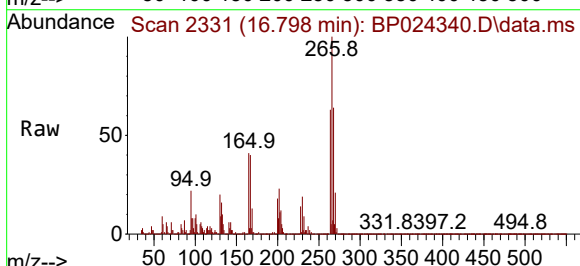
Tgt Ion:266 Resp: 871011

Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 63.4 49.8 74.6





#71

Phenanthrene

Concen: 45.855 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

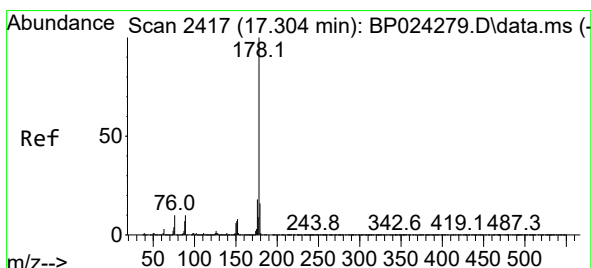
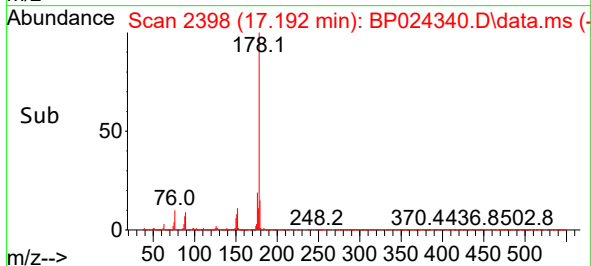
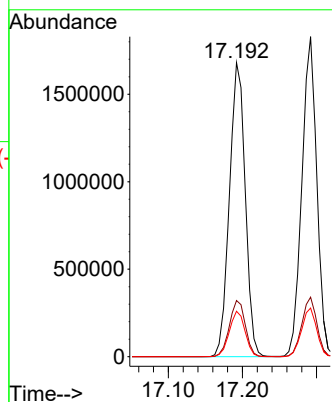
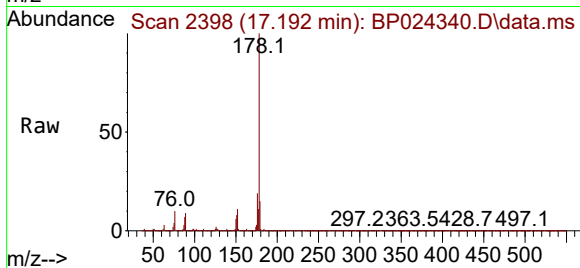
Tgt Ion:178 Resp: 2491343

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 49.058 ng

RT: 17.292 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

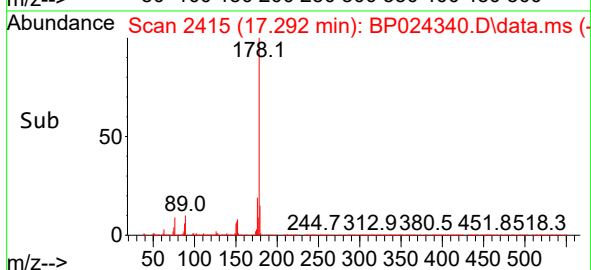
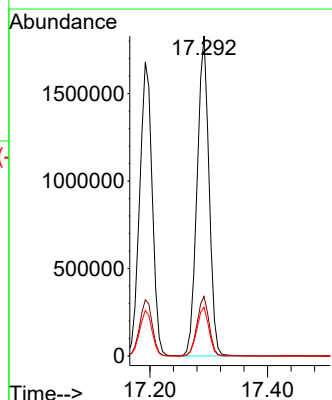
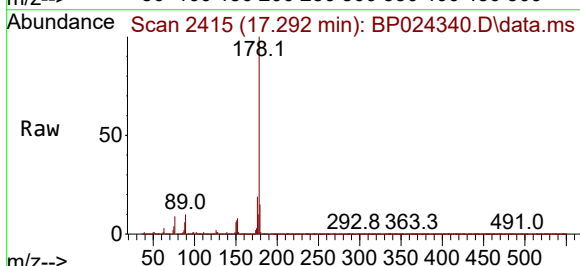
Tgt Ion:178 Resp: 2568857

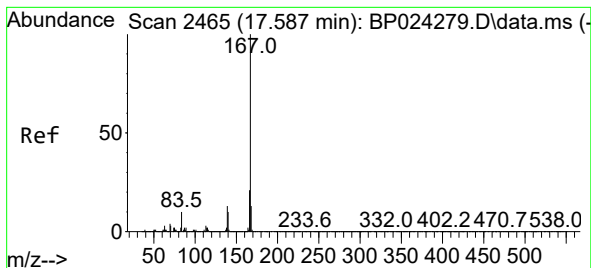
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.2 12.4 18.6





#73

Carbazole

Concen: 47.174 ng

RT: 17.569 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

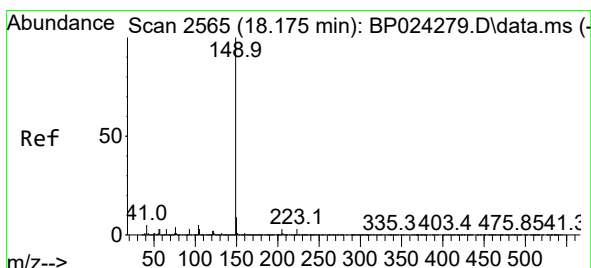
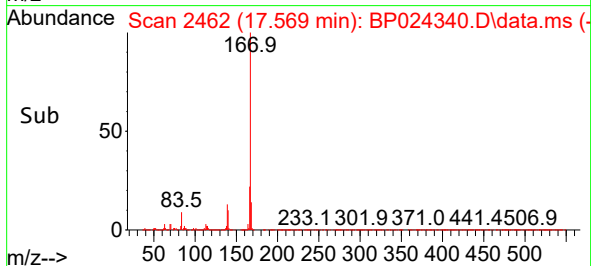
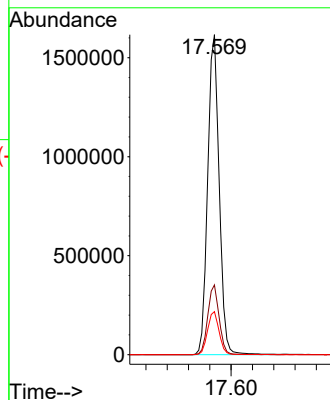
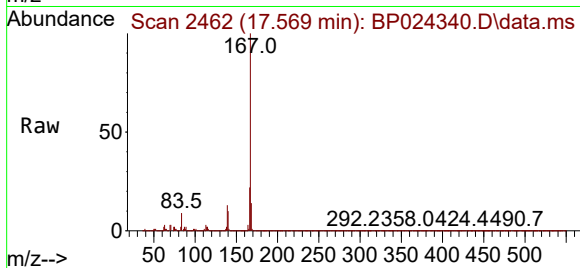
Tgt Ion:167 Resp: 2413582

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.608 ng

RT: 18.157 min Scan# 2562

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

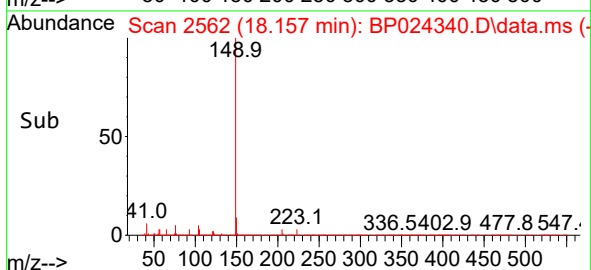
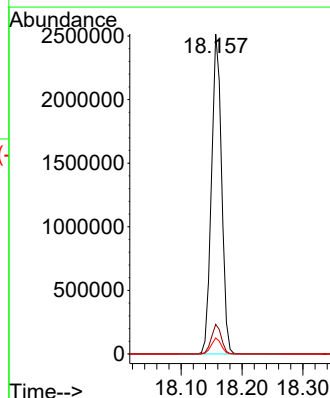
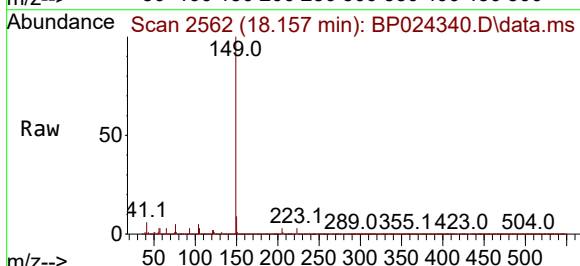
Tgt Ion:149 Resp: 2907207

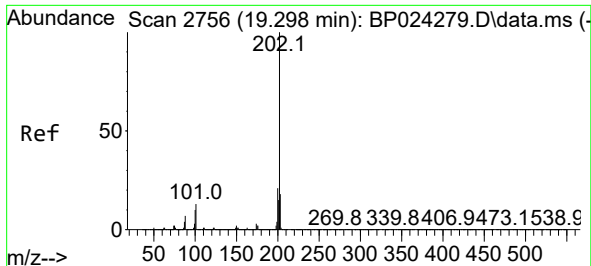
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 3.9 5.9

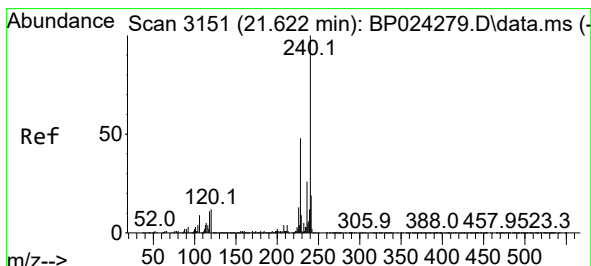
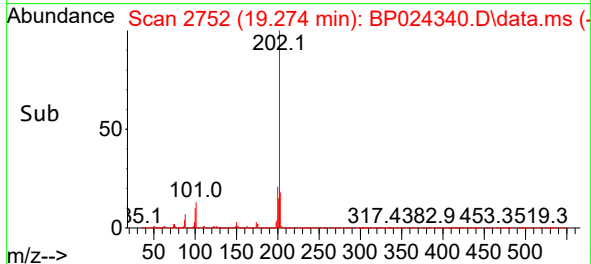
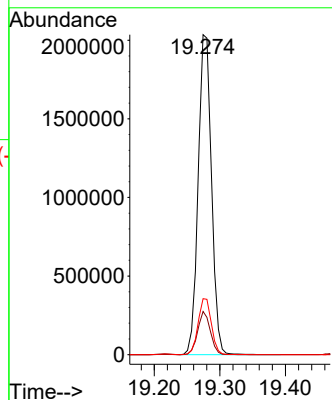
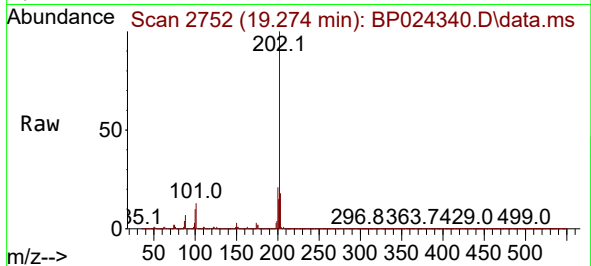




#75
Fluoranthene
Concen: 44.524 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

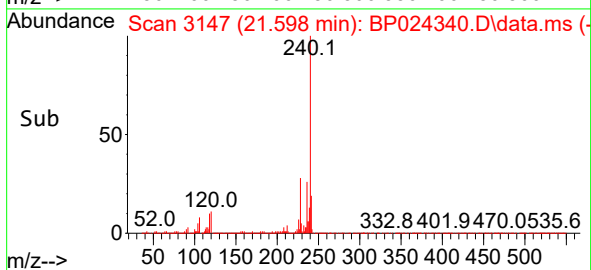
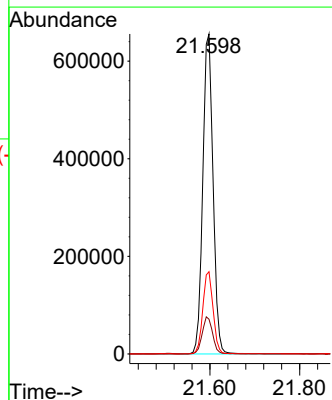
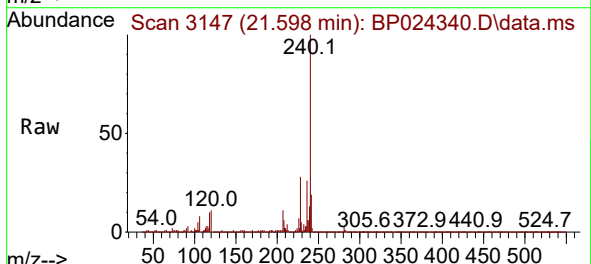
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

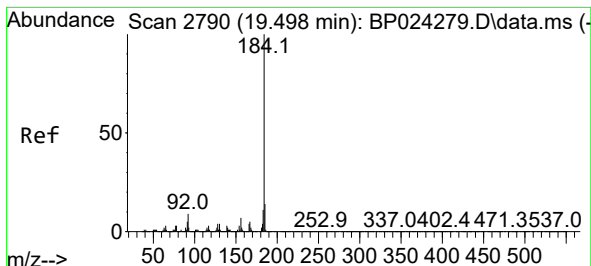
Tgt Ion:202 Resp: 2877057
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.2
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:240 Resp: 1041087
Ion Ratio Lower Upper
240 100
120 10.8 9.8 14.8
236 25.7 20.9 31.3





#77

Benzidine

Concen: 116.043 ng

RT: 19.468 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

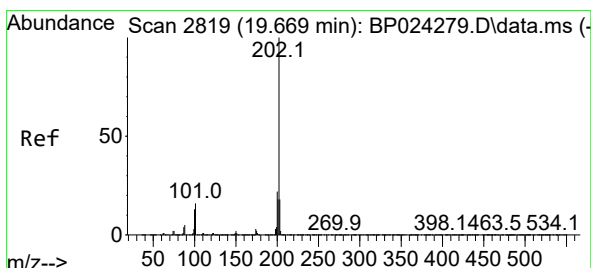
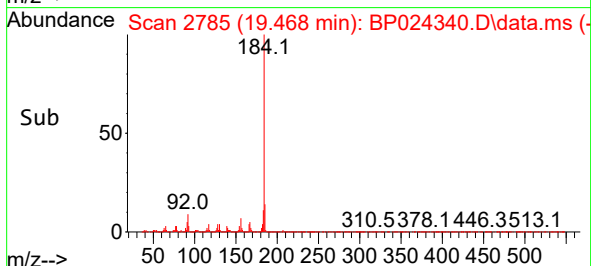
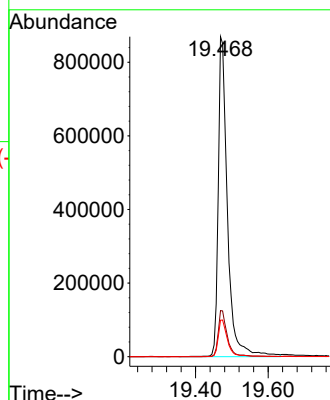
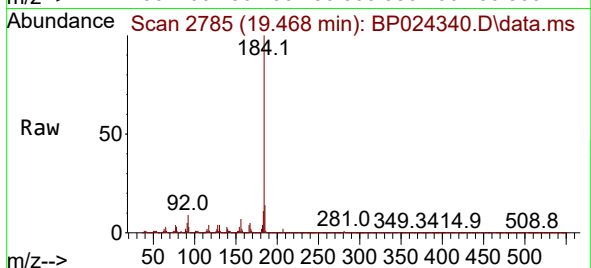
Tgt Ion:184 Resp: 1531379

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 11.4 9.2 13.8



#78

Pyrene

Concen: 45.438 ng

RT: 19.657 min Scan# 2817

Delta R.T. 0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

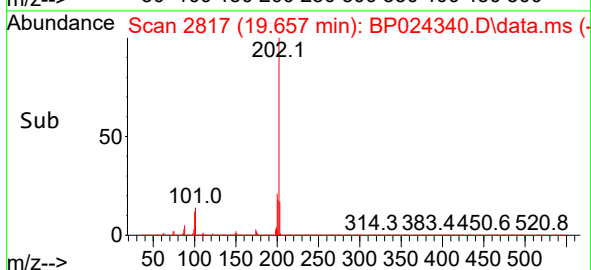
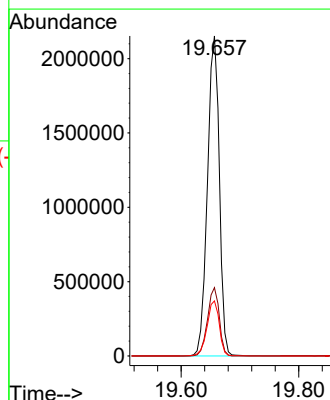
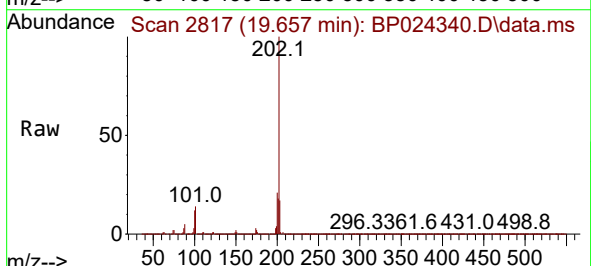
Tgt Ion:202 Resp: 3006247

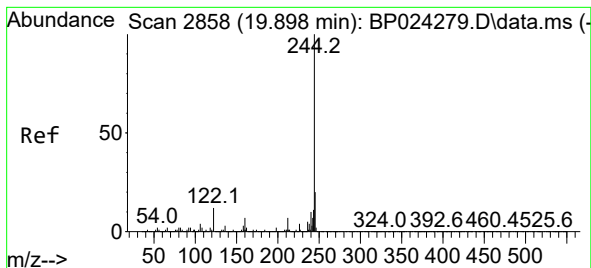
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.2 14.4 21.6





#79

Terphenyl-d14

Concen: 87.172 ng

RT: 19.868 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

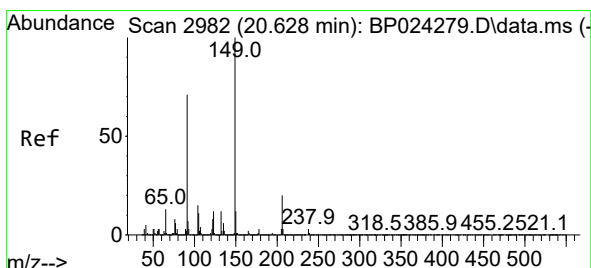
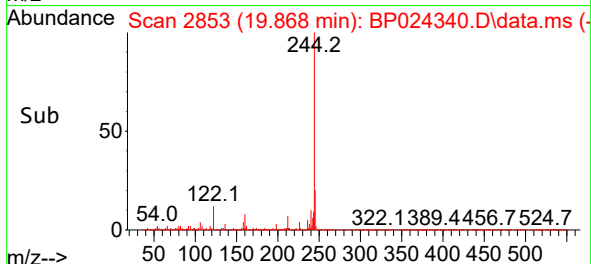
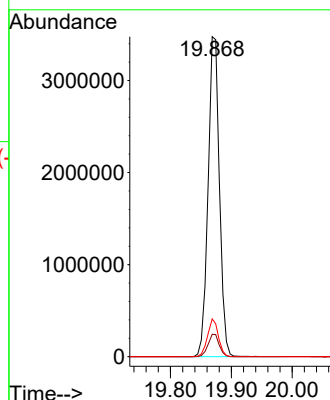
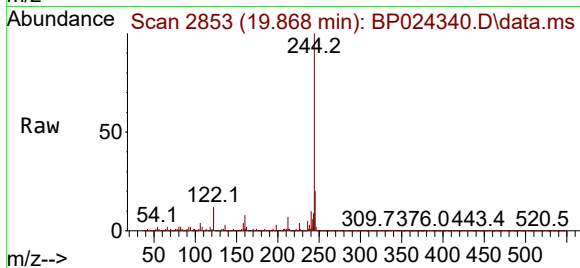
Tgt Ion:244 Resp: 4502463

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.8 9.4 14.0



#80

Butylbenzylphthalate

Concen: 47.746 ng

RT: 20.604 min Scan# 2978

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

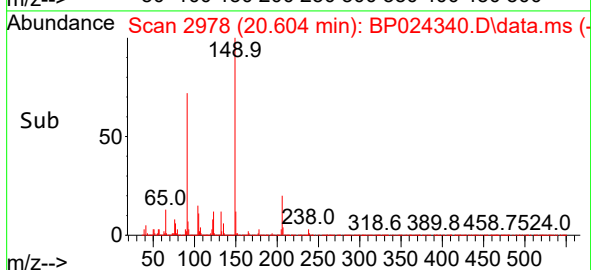
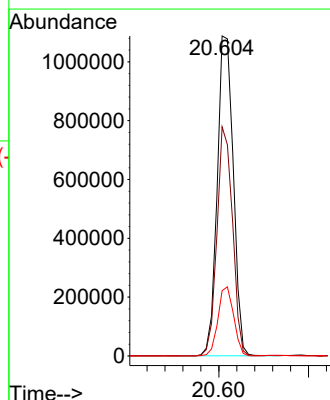
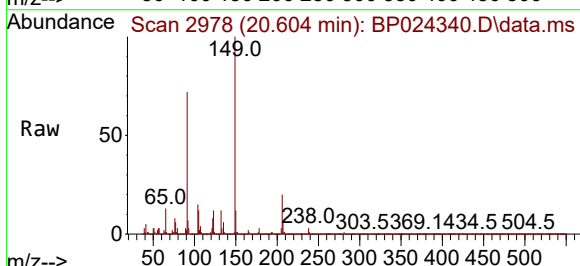
Tgt Ion:149 Resp: 1353069

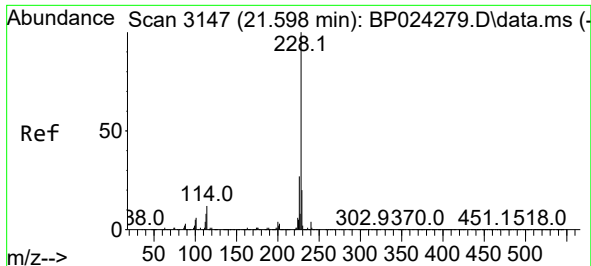
Ion Ratio Lower Upper

149 100

91 71.6 56.4 84.6

206 20.4 16.3 24.5

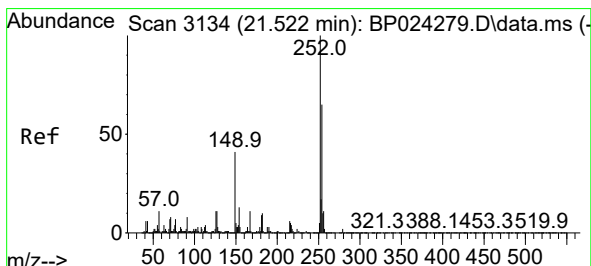
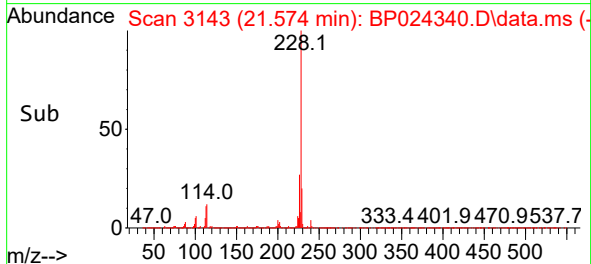
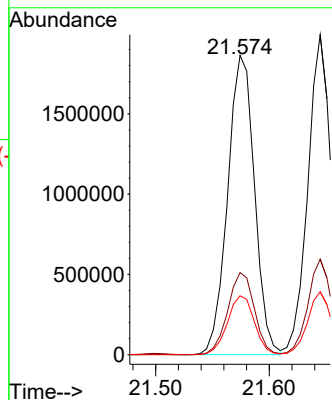
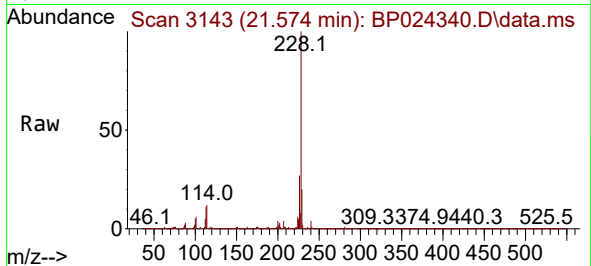




#81
Benzo(a)anthracene
Concen: 47.339 ng
RT: 21.574 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

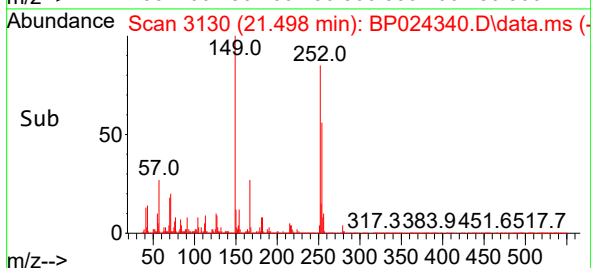
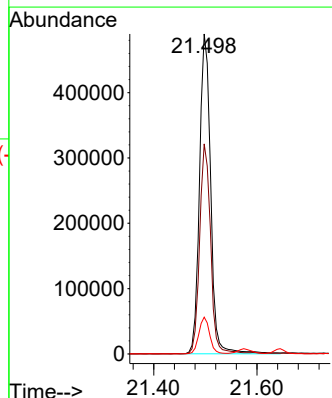
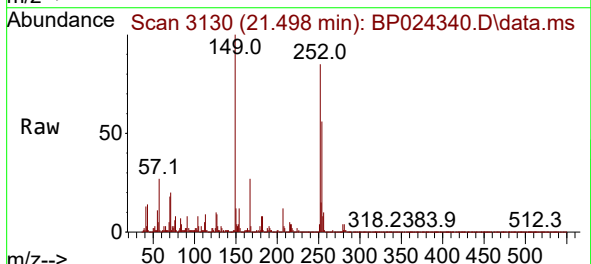
Instrument :
BNA_P
ClientSampleId :
PB167625BSD

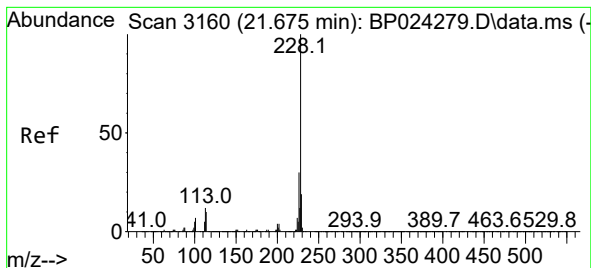
Tgt Ion:228 Resp: 3063275
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 32.346 ng
RT: 21.498 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP024340.D
Acq: 18 Apr 2025 13:15

Tgt Ion:252 Resp: 734660
Ion Ratio Lower Upper
252 100
254 65.6 51.7 77.5
126 11.5 8.8 13.2





#83

Chrysene

Concen: 46.125 ng

RT: 21.645 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

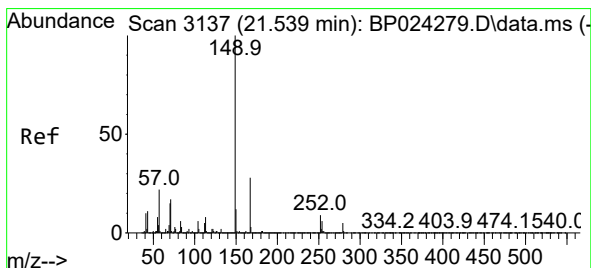
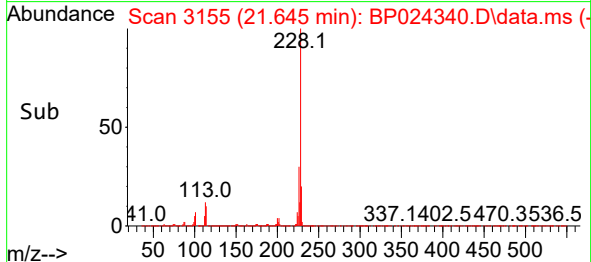
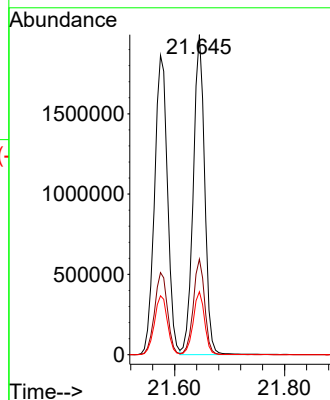
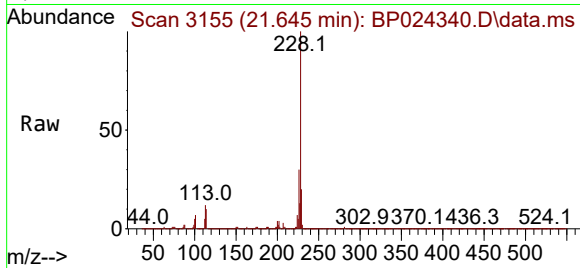
Tgt Ion:228 Resp: 2859540

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.562 ng

RT: 21.509 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

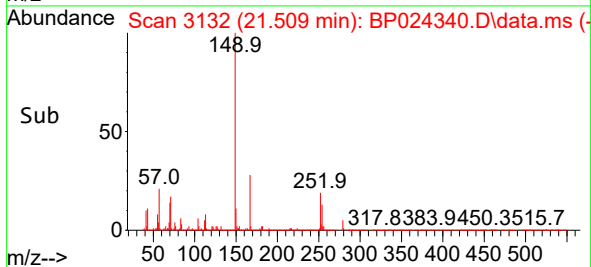
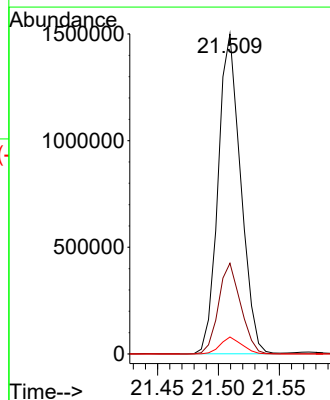
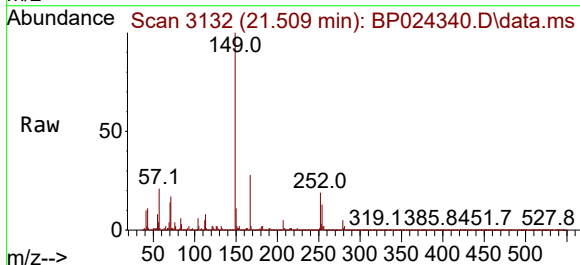
Tgt Ion:149 Resp: 1934351

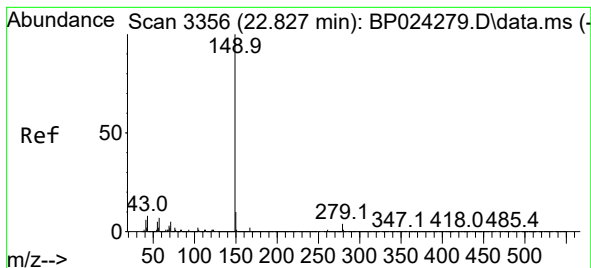
Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

279 5.3 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.811 ng

RT: 22.798 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

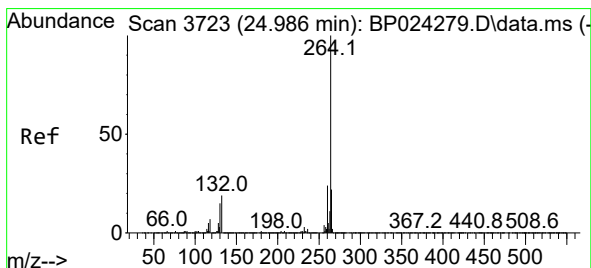
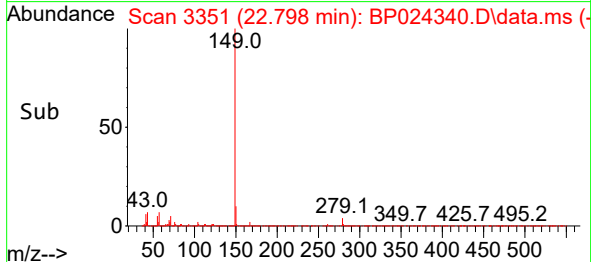
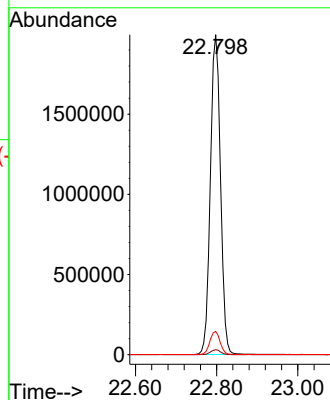
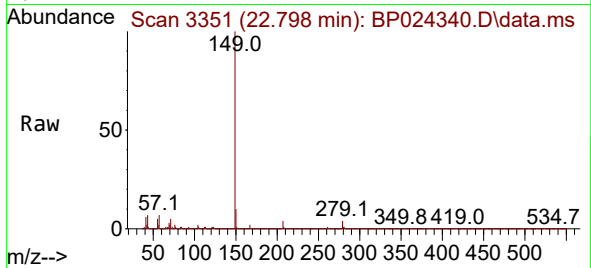
Tgt Ion:149 Resp: 3431654

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.3 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

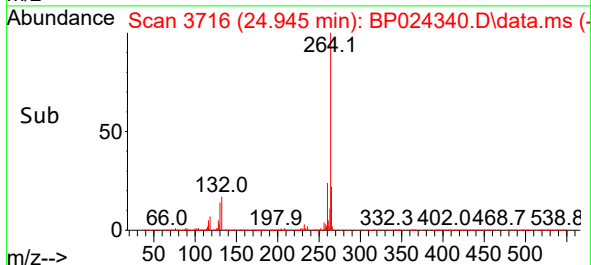
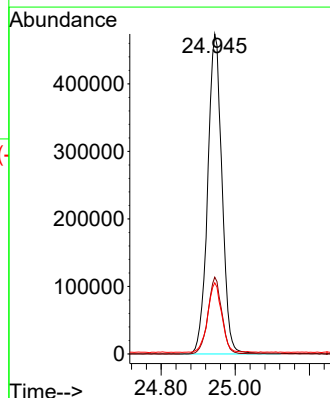
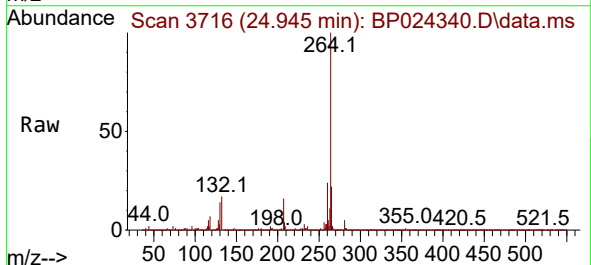
Tgt Ion:264 Resp: 1268635

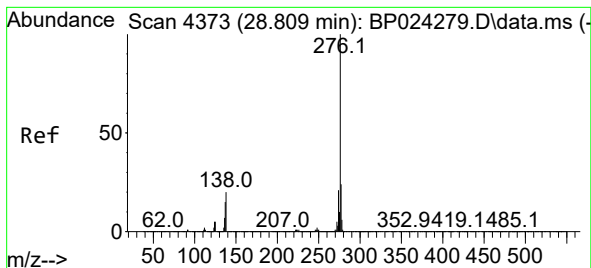
Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.270 ng

RT: 28.744 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

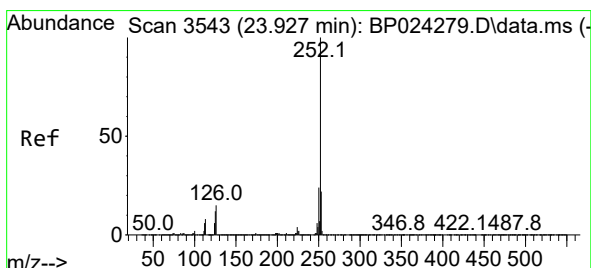
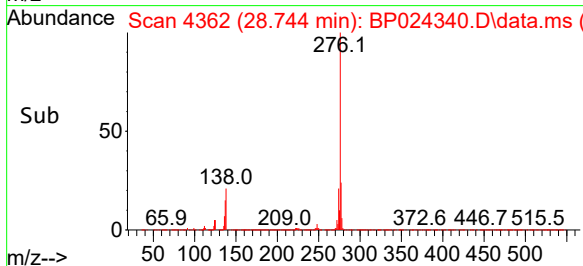
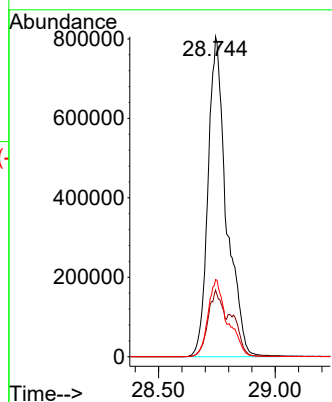
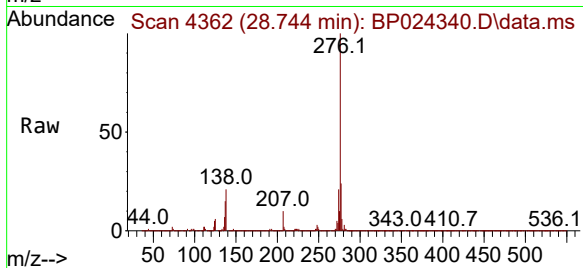
Tgt Ion:276 Resp: 4427477

Ion Ratio Lower Upper

276 100

138 17.2 14.5 21.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.884 ng

RT: 23.886 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

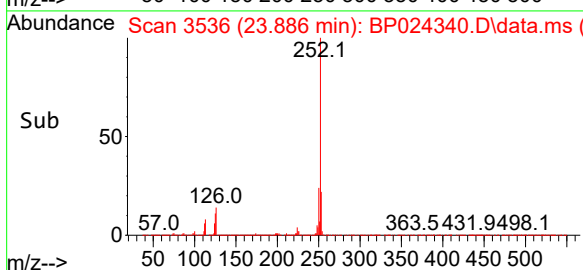
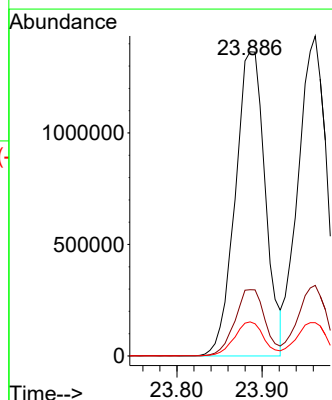
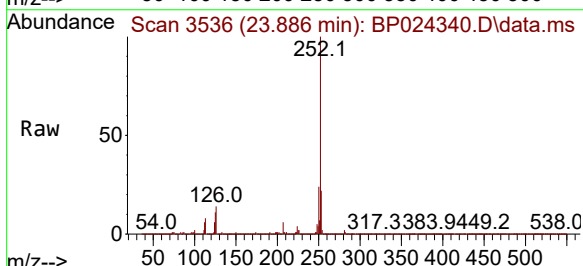
Tgt Ion:252 Resp: 3337064

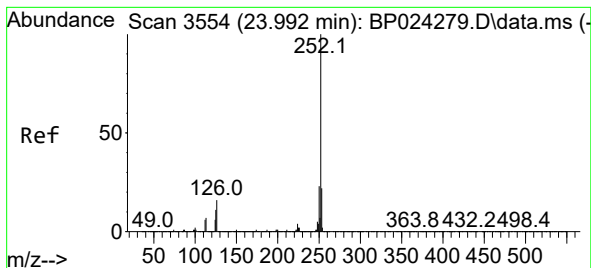
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 11.2 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 45.515 ng

RT: 23.962 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

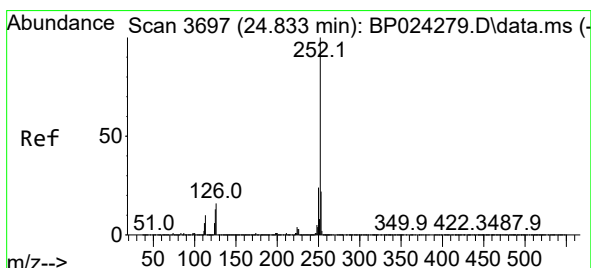
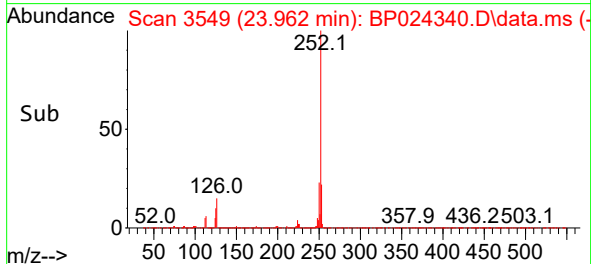
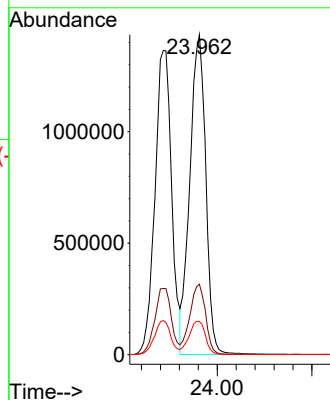
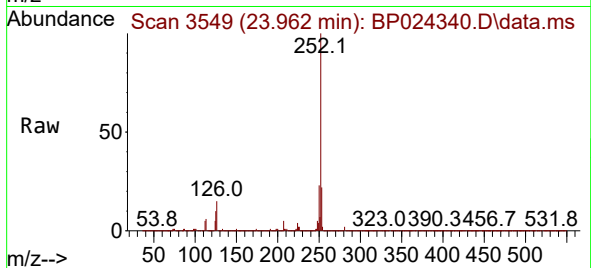
Tgt Ion:252 Resp: 3343198

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.4 9.1 13.7



#90

Benzo(a)pyrene

Concen: 49.979 ng

RT: 24.792 min Scan# 3690

Delta R.T. 0.012 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

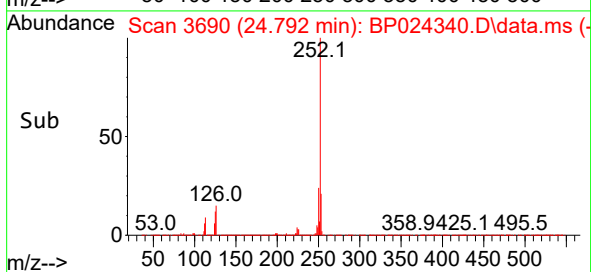
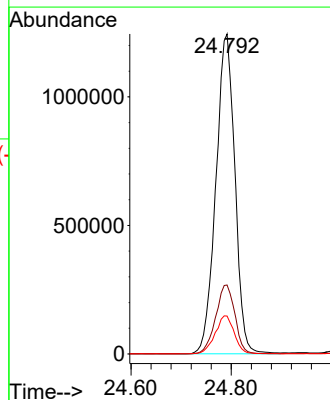
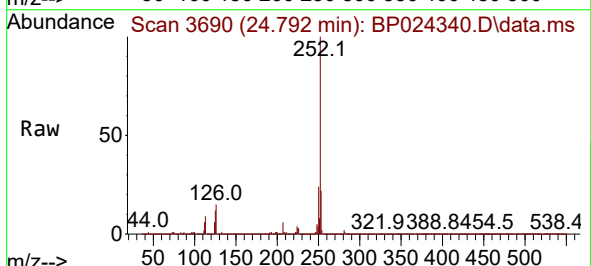
Tgt Ion:252 Resp: 3278313

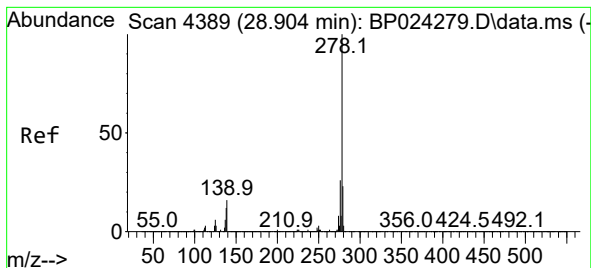
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 11.8 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 49.755 ng

RT: 28.827 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Instrument :

BNA_P

ClientSampleId :

PB167625BSD

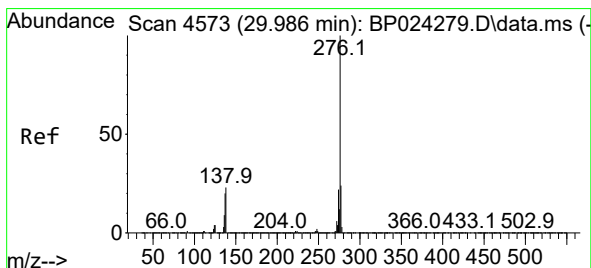
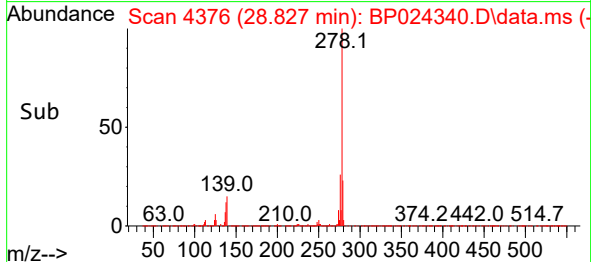
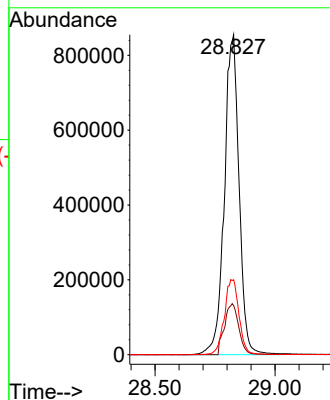
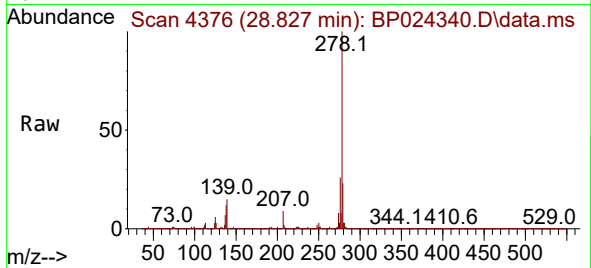
Tgt Ion:278 Resp: 3637312

Ion Ratio Lower Upper

278 100

139 15.4 12.6 19.0

279 23.4 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 47.913 ng

RT: 29.921 min Scan# 4562

Delta R.T. 0.023 min

Lab File: BP024340.D

Acq: 18 Apr 2025 13:15

Tgt Ion:276 Resp: 3565152

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 20.4 18.7 28.1

