

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024339.D
 Acq On : 18 Apr 2025 12:35
 Operator : RC/JU
 Sample : PB167625BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167625BS

Quant Time: Apr 19 02:50:35 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	7.728	152	270101	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1100496	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	654722	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1166735	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1153642	20.000	ng	0.00
86) Perylene-d12	24.939	264	1393018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2143837	131.238	ng	0.00
7) Phenol-d6	6.916	99	2697181	120.582	ng	0.00
23) Nitrobenzene-d5	8.881	82	1626249	84.263	ng	0.01
42) 2,4,6-Tribromophenol	15.869	330	1142714	126.149	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	3630113	84.893	ng	0.00
79) Terphenyl-d14	19.875	244	5121941	89.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	247148	35.769	ng	98
3) Pyridine	3.681	79	642094	35.192	ng	97
4) n-Nitrosodimethylamine	3.593	42	262230	43.306	ng	95
6) Aniline	7.069	93	663322	33.186	ng	100
8) 2-Chlorophenol	7.305	128	836775	45.880	ng	100
9) Benzaldehyde	6.881	77	396903	35.871	ng	97
10) Phenol	6.946	94	1016405	45.298	ng	99
11) bis(2-Chloroethyl)ether	7.158	93	777700	43.017	ng	99
12) 1,3-Dichlorobenzene	7.622	146	850994	43.341	ng	99
13) 1,4-Dichlorobenzene	7.763	146	868621	43.601	ng	100
14) 1,2-Dichlorobenzene	8.075	146	838022	43.563	ng	99
15) Benzyl Alcohol	7.969	79	649826	44.923	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	864900	44.260	ng	99
17) 2-Methylphenol	8.175	107	686554	47.298	ng	99
18) Hexachloroethane	8.799	117	329356	45.746	ng	98
19) n-Nitroso-di-n-propyla...	8.528	70	569870	41.181	ng	99
20) 3+4-Methylphenols	8.499	107	917423	45.550	ng	99
22) Acetophenone	8.546	105	1161884	42.657	ng	99
24) Nitrobenzene	8.922	77	834746	43.721	ng	99
25) Isophorone	9.446	82	1569529	44.929	ng	98
26) 2-Nitrophenol	9.622	139	433832	46.432	ng	98
27) 2,4-Dimethylphenol	9.687	122	748273	63.782	ng	99
28) bis(2-Chloroethoxy)met...	9.916	93	1021916	43.303	ng	100
29) 2,4-Dichlorophenol	10.157	162	736083	46.016	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	753794	43.982	ng	99
31) Naphthalene	10.551	128	2413153	41.628	ng	99
32) Benzoic acid	9.834	122	497059	36.361	ng	99
33) 4-Chloroaniline	10.675	127	318013	15.578	ng	99
34) Hexachlorobutadiene	10.840	225	456730	45.350	ng	99
35) Caprolactam	11.457	113	235875	39.963	ng	94
36) 4-Chloro-3-methylphenol	11.798	107	800377	42.957	ng	99
37) 2-Methylnaphthalene	12.163	142	1516705	37.726	ng	99
38) 1-Methylnaphthalene	12.381	142	1595366	40.564	ng	99
40) 1,2,4,5-Tetrachloroben...	12.534	216	822938	45.706	ng	98
41) Hexachlorocyclopentadiene	12.516	237	1227070	192.697	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	574741	48.012	ng	98

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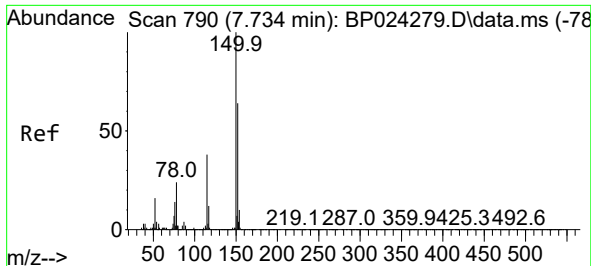
Quant Time: Apr 19 02:50:35 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	623380	47.026	ng	99
46) 1,1'-Biphenyl	13.181	154	2107178	43.785	ng	99
47) 2-Chloronaphthalene	13.222	162	1622564	45.111	ng	99
48) 2-Nitroaniline	13.422	65	472428	46.825	ng	96
49) Acenaphthylene	14.069	152	2689385	47.491	ng	100
50) Dimethylphthalate	13.804	163	1994238	41.885	ng	99
51) 2,6-Dinitrotoluene	13.928	165	446783	44.190	ng	99
52) Acenaphthene	14.416	154	1525613	42.495	ng	100
53) 3-Nitroaniline	14.263	138	407138	38.315	ng	100
54) 2,4-Dinitrophenol	14.469	184	556165	93.387	ng	97
55) Dibenzofuran	14.757	168	2410517	41.077	ng	99
56) 4-Nitrophenol	14.587	139	813407	88.632	ng	94
57) 2,4-Dinitrotoluene	14.722	165	618401	44.838	ng	97
58) Fluorene	15.410	166	1943368	42.779	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	531925	43.507	ng	99
60) Diethylphthalate	15.187	149	2036418	41.504	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	949520	43.042	ng	99
62) 4-Nitroaniline	15.445	138	488998	43.470	ng	97
63) Azobenzene	15.710	77	1873779	41.550	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	345493	46.969	ng	99
66) n-Nitrosodiphenylamine	15.628	169	1652360	47.448	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	613342	48.066	ng	99
68) Hexachlorobenzene	16.439	284	738312	48.692	ng	98
69) Atrazine	16.610	200	557700	62.879	ng	99
70) Pentachlorophenol	16.792	266	997488	94.298	ng	99
71) Phenanthrene	17.186	178	2869809	45.088	ng	100
72) Anthracene	17.286	178	2948832	48.070	ng	99
73) Carbazole	17.563	167	2711947	45.246	ng	100
74) Di-n-butylphthalate	18.157	149	3413441	45.711	ng	100
75) Fluoranthene	19.275	202	3232449	42.701	ng	99
77) Benzidine	19.475	184	1622177	110.930	ng	99
78) Pyrene	19.651	202	3326485	45.372	ng	99
80) Butylbenzylphthalate	20.604	149	1530954	48.752	ng	97
81) Benzo(a)anthracene	21.569	228	3331673	46.463	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	789098	31.353	ng	100
83) Chrysene	21.639	228	3168712	46.126	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	2282241	49.576	ng	100
85) Di-n-octyl phthalate	22.780	149	3899293	52.102	ng	100
87) Indeno(1,2,3-cd)pyrene	28.715	276	4674044	48.331	ng	94
88) Benzo(b)fluoranthene	23.874	252	3602298	43.142	ng	99
89) Benzo(k)fluoranthene	23.945	252	3648268	45.233	ng	100
90) Benzo(a)pyrene	24.780	252	3544769	49.215	ng	99
91) Dibenzo(a,h)anthracene	28.809	278	3826153	47.665	ng	98
92) Benzo(g,h,i)perylene	29.903	276	3742703	45.808	ng	99

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

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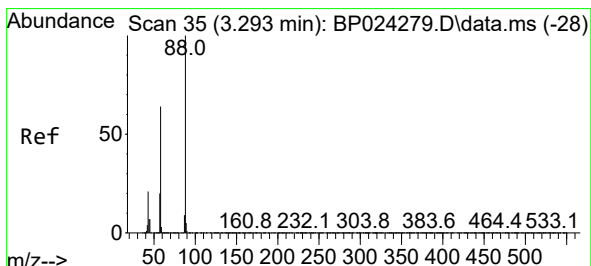
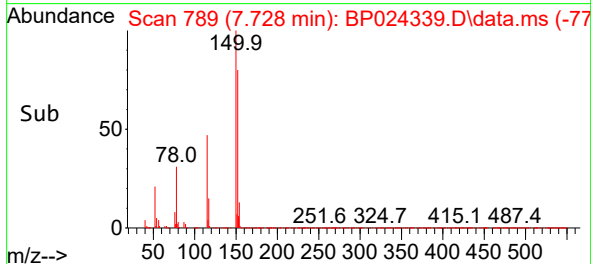
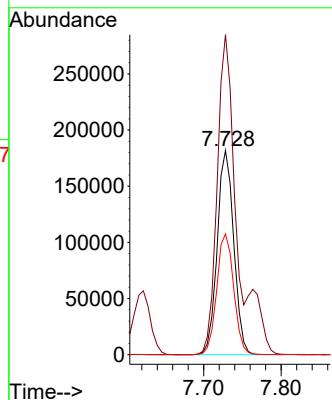
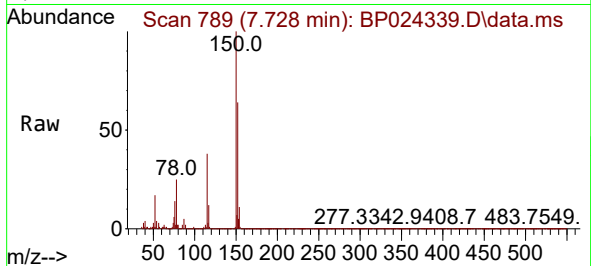




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BP024339.D
 Acq: 18 Apr 2025 12:35

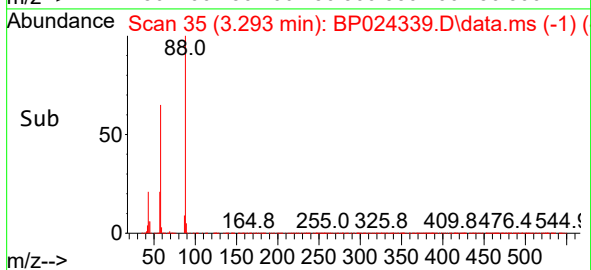
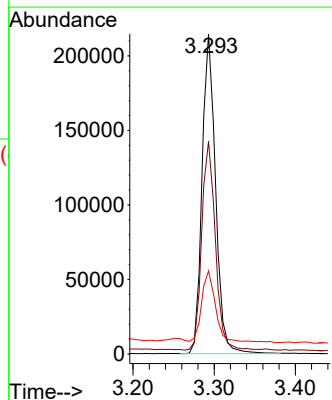
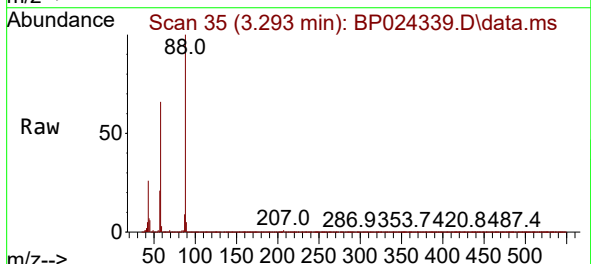
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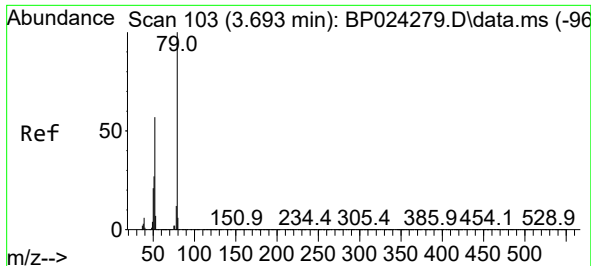
Tgt Ion:152 Resp: 270101
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.9 187.3
 115 59.1 47.7 71.5



#2
 1,4-Dioxane
 Concen: 35.769 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.006 min
 Lab File: BP024339.D
 Acq: 18 Apr 2025 12:35

Tgt Ion: 88 Resp: 247148
 Ion Ratio Lower Upper
 88 100
 58 65.8 51.4 77.2
 43 22.2 17.1 25.7

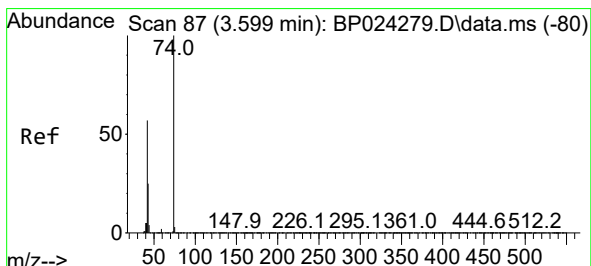
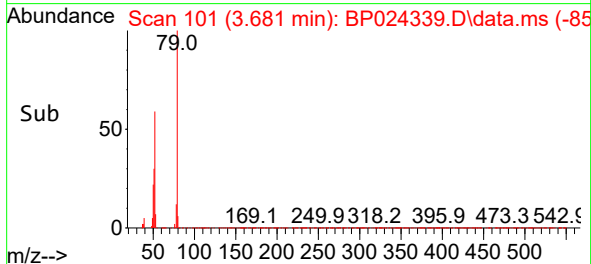
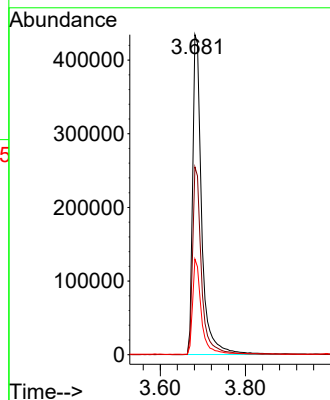
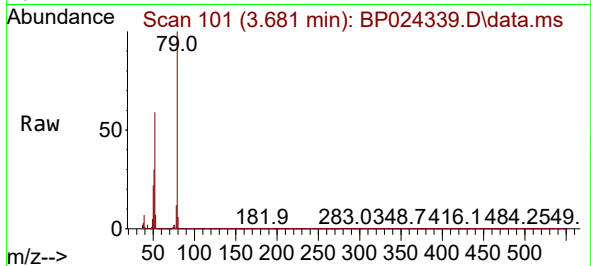




#3
Pyridine
Concen: 35.192 ng
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

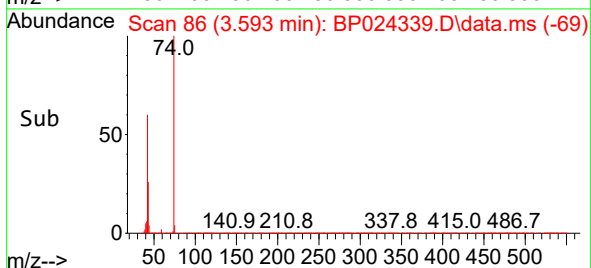
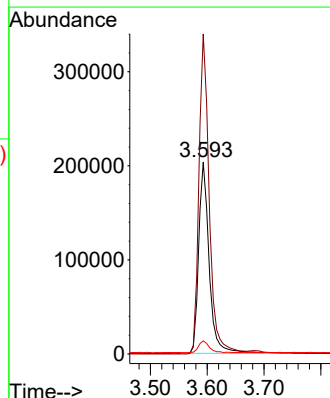
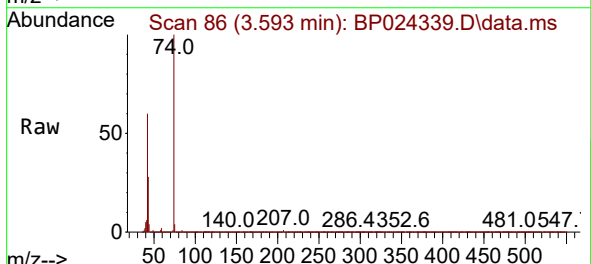
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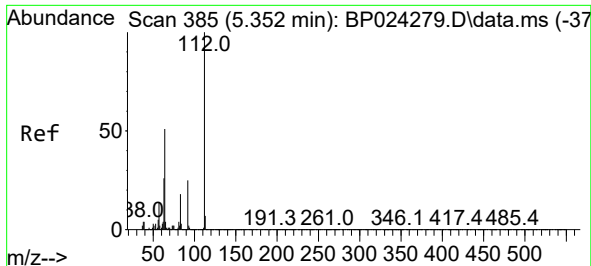
Tgt Ion: 79 Resp: 642094
Ion Ratio Lower Upper
79 100
52 58.7 45.4 68.2
51 29.8 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 43.306 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion: 42 Resp: 262230
Ion Ratio Lower Upper
42 100
74 167.0 139.5 209.3
44 6.9 5.8 8.8

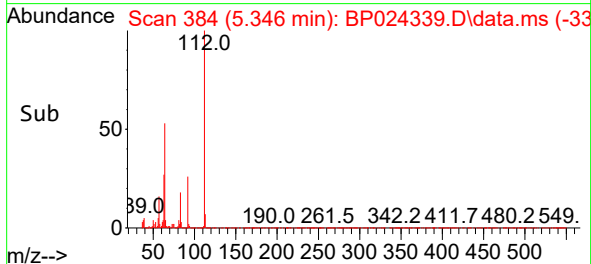
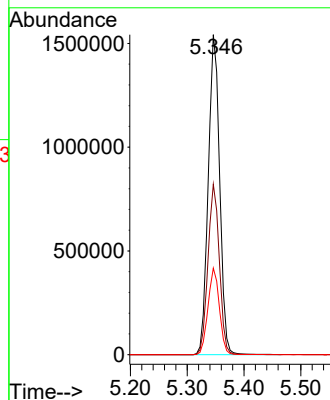
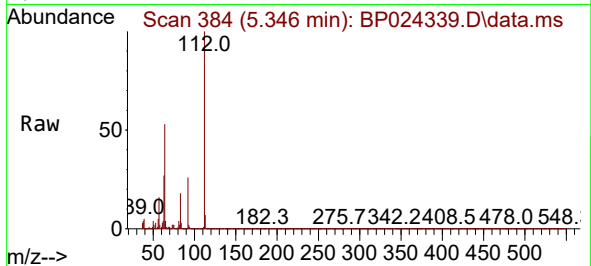




#5
2-Fluorophenol
Concen: 131.238 ng
RT: 5.346 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

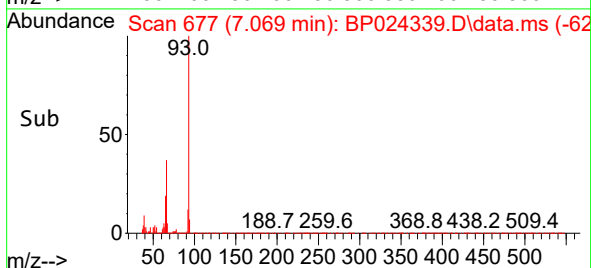
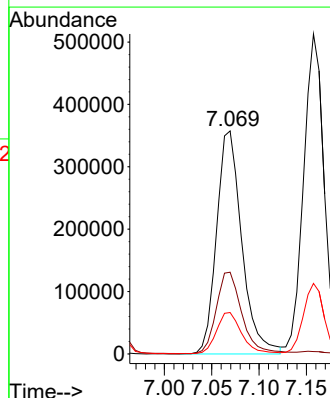
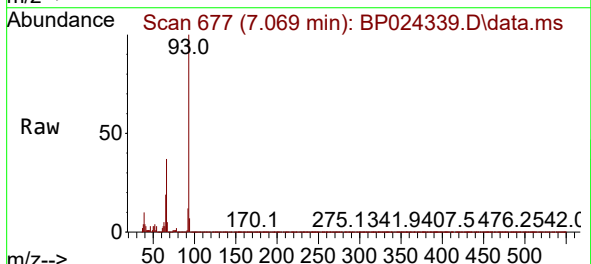
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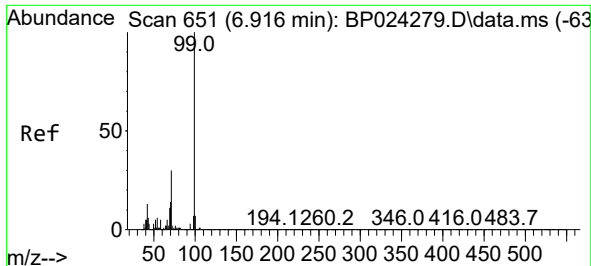
Tgt Ion:112 Resp: 2143837
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 27.1 20.6 30.8



#6
Aniline
Concen: 33.186 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion: 93 Resp: 663322
Ion Ratio Lower Upper
93 100
66 36.7 29.1 43.7
65 18.6 14.7 22.1

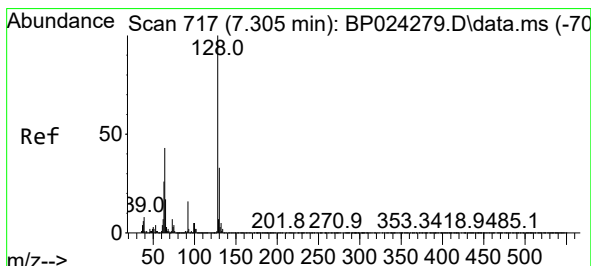
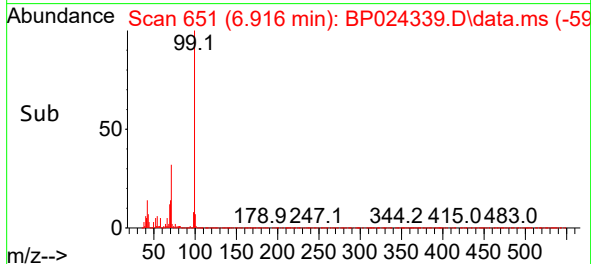
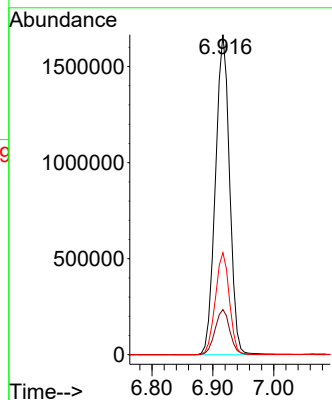
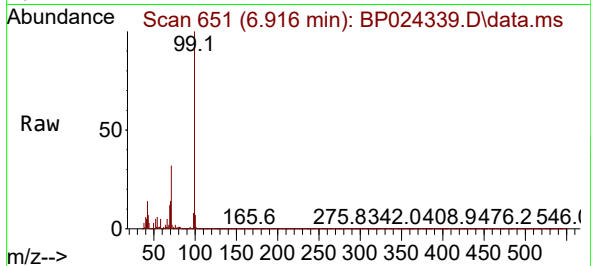




#7
Phenol-d6
Concen: 120.582 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.006 min
Lab File: BP024339.D
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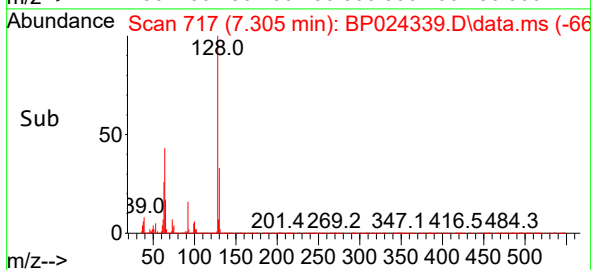
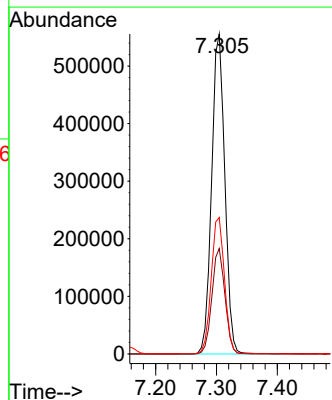
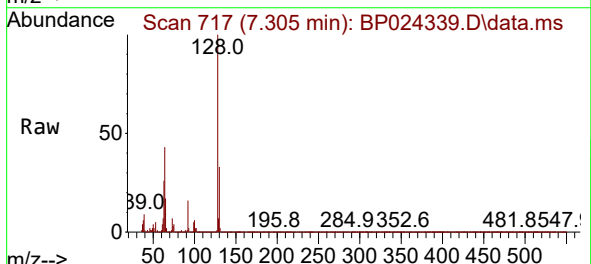
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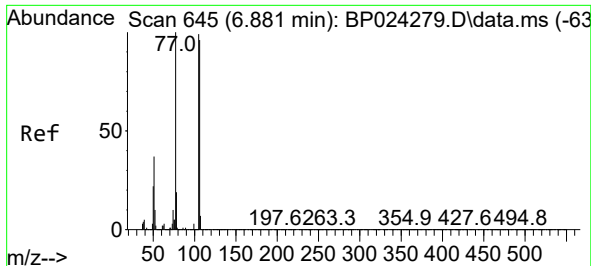
Tgt Ion: 99 Resp: 2697181
Ion Ratio Lower Upper
99 100
42 14.1 10.6 16.0
71 31.9 23.7 35.5



#8
2-Chlorophenol
Concen: 45.880 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.006 min
Lab File: BP024339.D
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Tgt Ion: 128 Resp: 836775
Ion Ratio Lower Upper
128 100
130 33.0 12.9 52.9
64 42.7 22.7 62.7

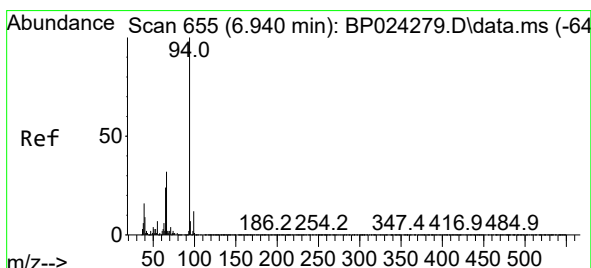
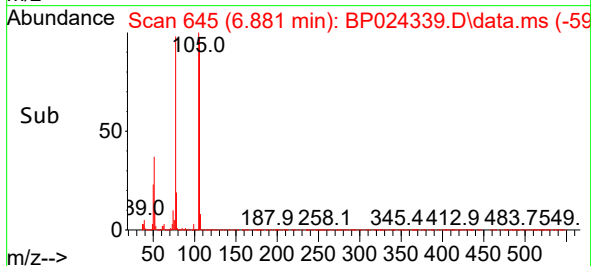
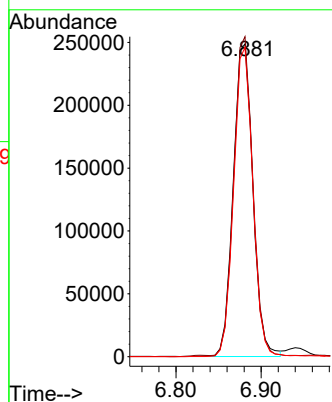
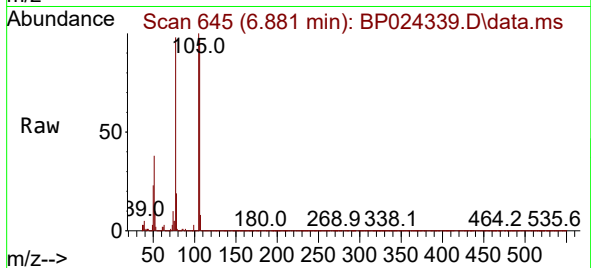




#9
Benzaldehyde
Concen: 35.871 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

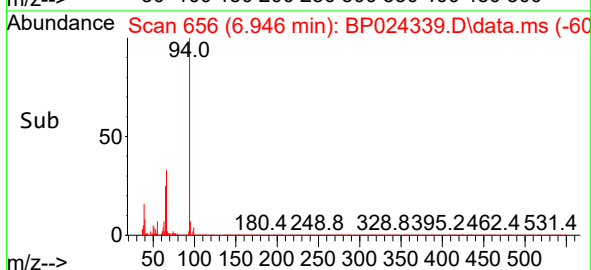
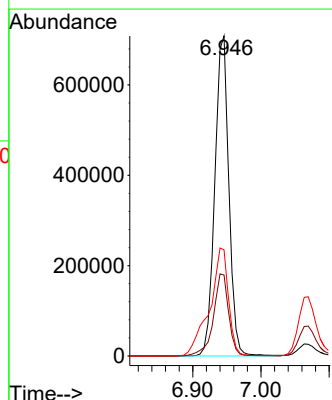
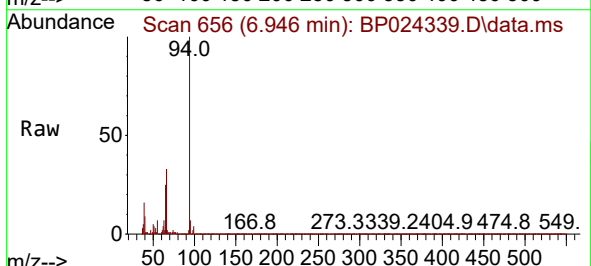
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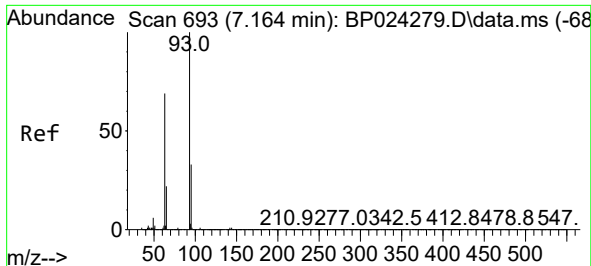
Tgt Ion: 77 Resp: 396903
Ion Ratio Lower Upper
77 100
105 102.3 79.2 119.2
106 98.9 76.2 116.2



#10
Phenol
Concen: 45.298 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 1016405
Ion Ratio Lower Upper
94 100
65 25.3 4.5 44.5
66 33.2 12.4 52.4

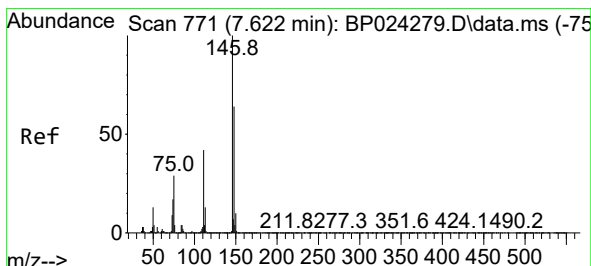
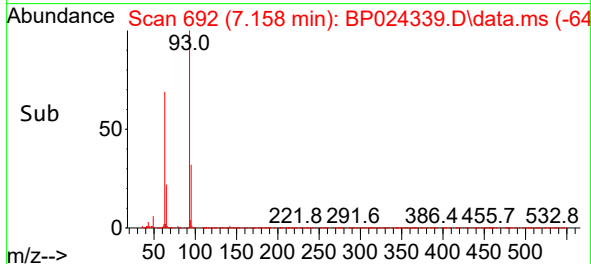
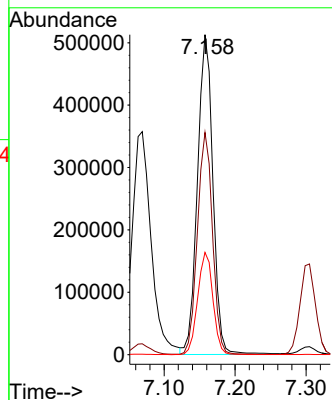
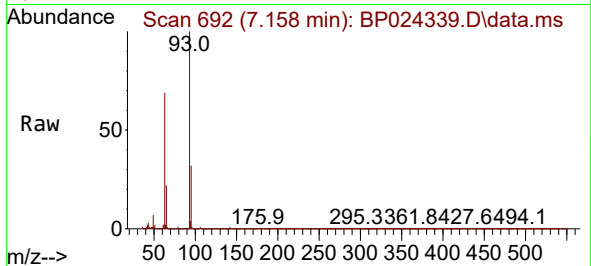




#11
bis(2-Chloroethyl)ether
Concen: 43.017 ng
RT: 7.158 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

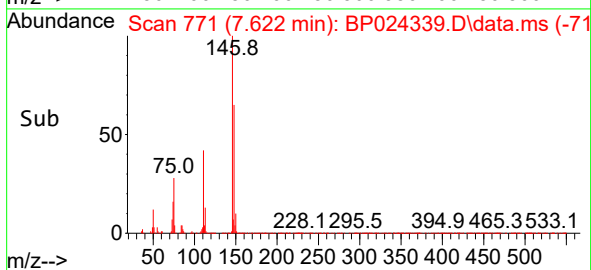
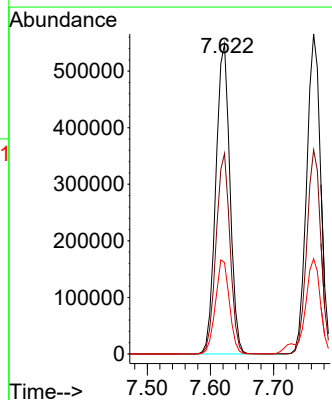
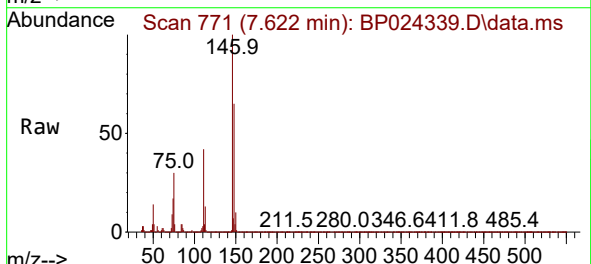
Instrument :
BNA_P
ClientSampleId :
PB167625BS

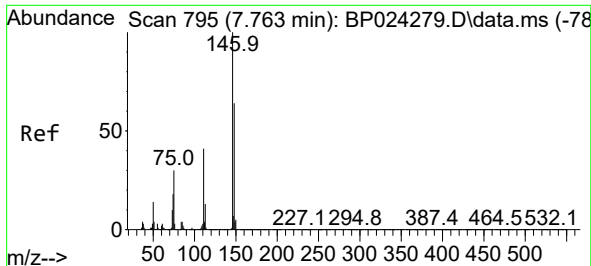
Tgt Ion: 93 Resp: 777700
Ion Ratio Lower Upper
93 100
63 69.5 48.6 88.6
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.341 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:146 Resp: 850994
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
75 29.5 22.9 34.3

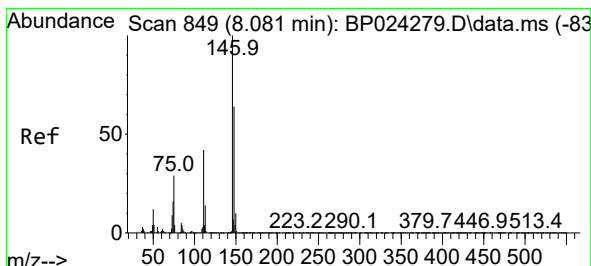
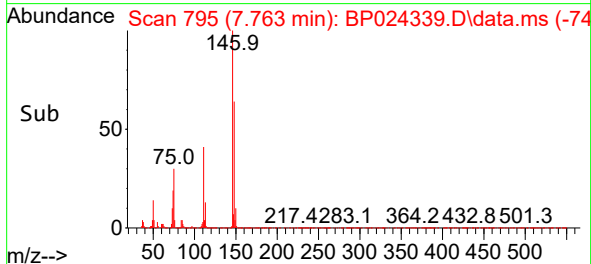
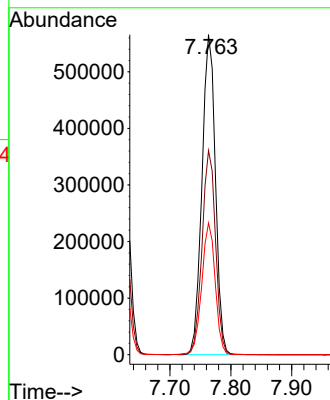
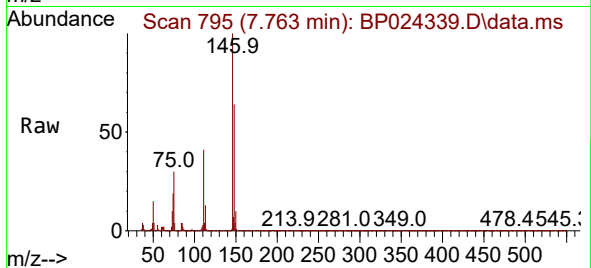




#13
1,4-Dichlorobenzene
Concen: 43.601 ng
RT: 7.763 min Scan# 795
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

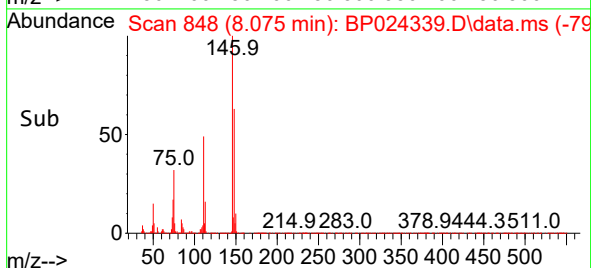
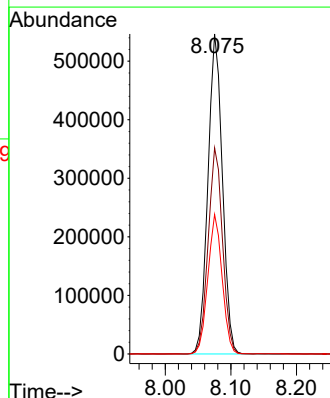
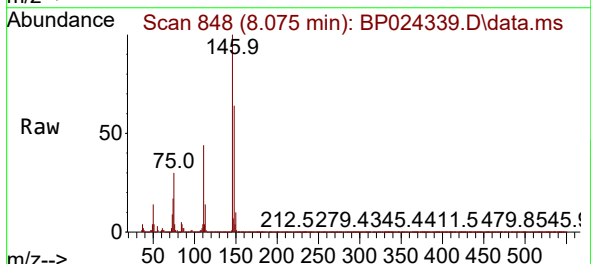
Instrument :
BNA_P
ClientSampleId :
PB167625BS

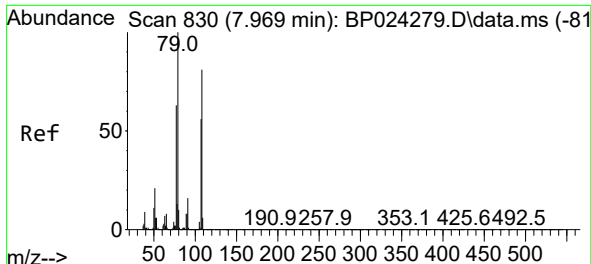
Tgt Ion:146 Resp: 868621
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 41.1 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 43.563 ng
RT: 8.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:146 Resp: 838022
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
111 43.6 33.8 50.8

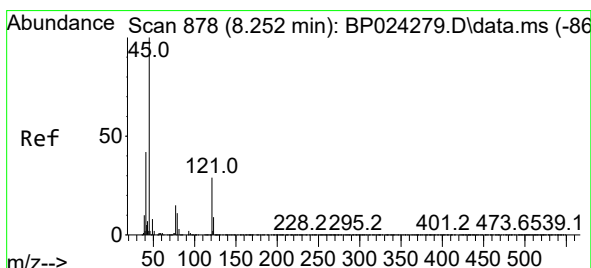
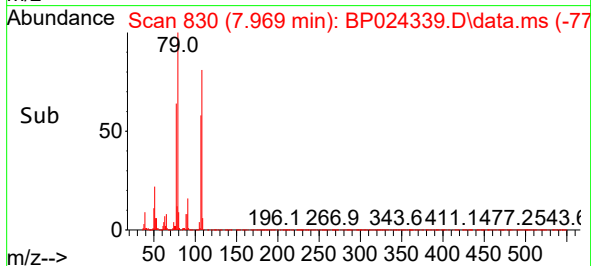
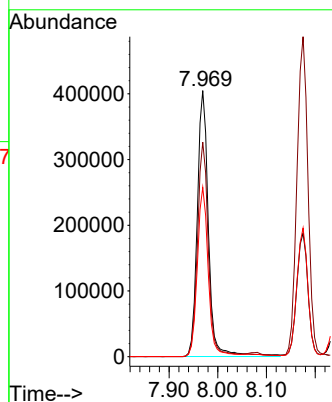
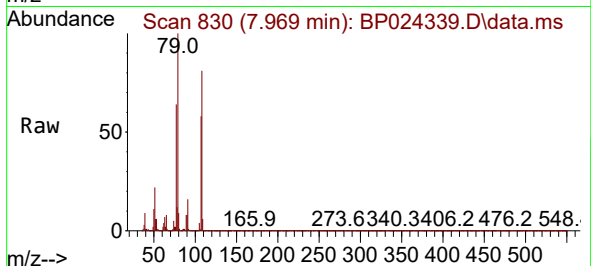




#15
Benzyl Alcohol
Concen: 44.923 ng
RT: 7.969 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

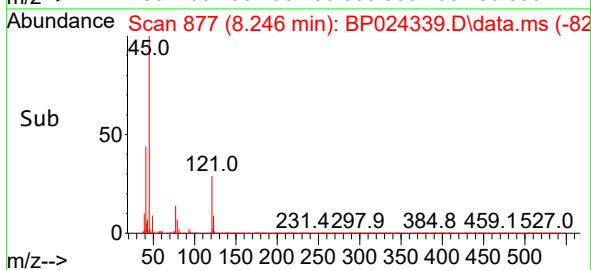
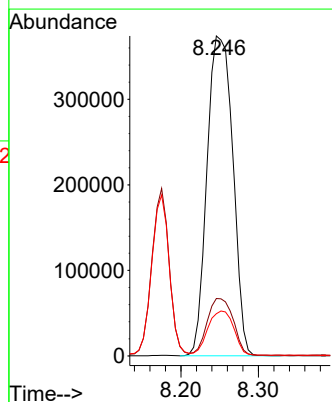
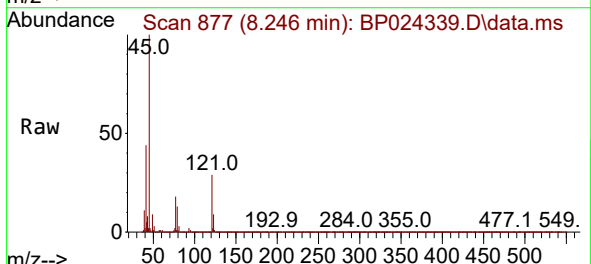
Instrument :
BNA_P
ClientSampleId :
PB167625BS

Tgt Ion: 79 Resp: 649826
Ion Ratio Lower Upper
79 100
108 80.7 65.1 97.7
77 63.6 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.260 ng
RT: 8.246 min Scan# 877
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion: 45 Resp: 864900
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.7
79 13.2 0.0 33.5





#17

2-Methylphenol

Concen: 47.298 ng

RT: 8.175 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

Tgt Ion:107 Resp: 686554

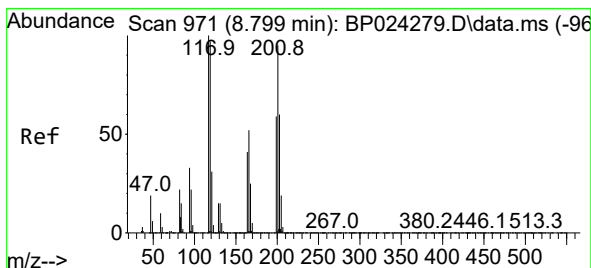
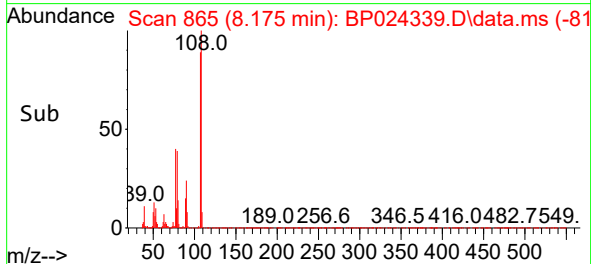
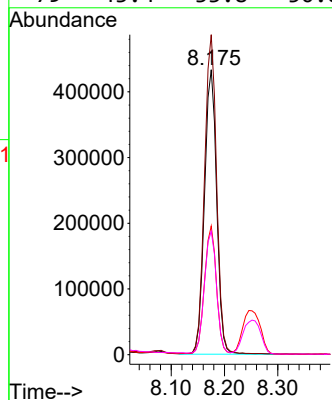
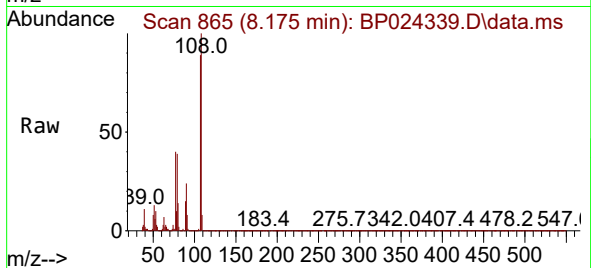
Ion Ratio Lower Upper

107 100

108 112.3 89.8 134.6

77 45.1 34.2 51.4

79 43.4 33.8 50.8



#18

Hexachloroethane

Concen: 45.746 ng

RT: 8.799 min Scan# 971

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

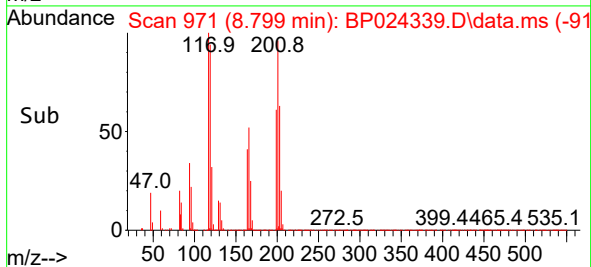
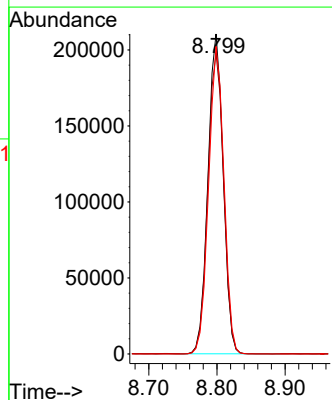
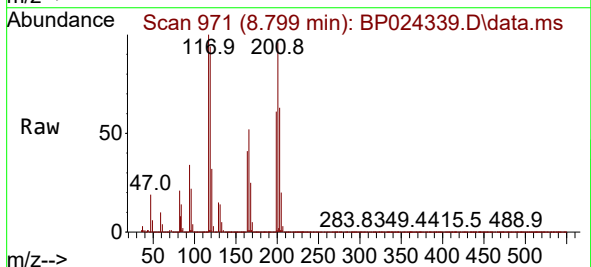
Tgt Ion:117 Resp: 329356

Ion Ratio Lower Upper

117 100

119 94.0 77.8 116.6

201 96.1 75.9 113.9

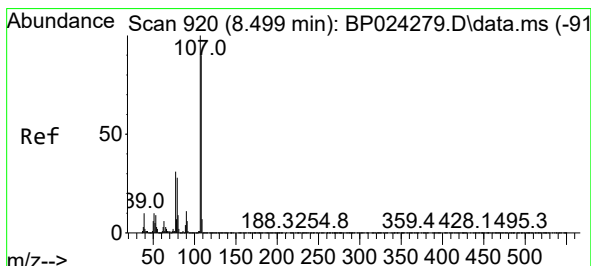
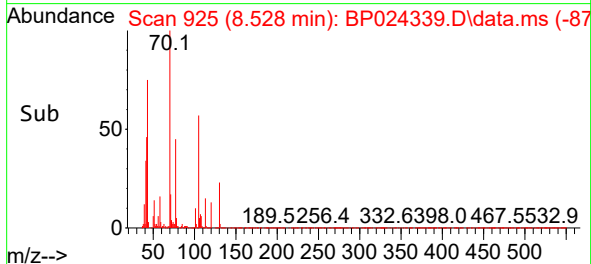
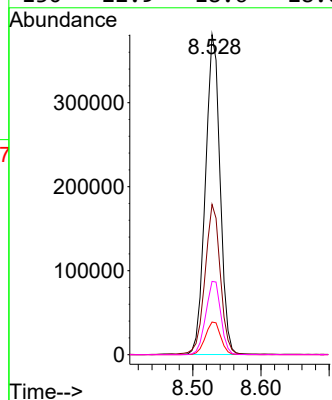
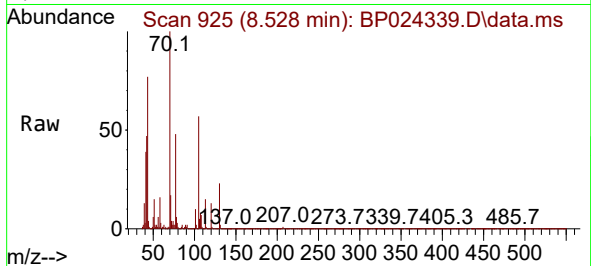




#19
n-Nitroso-di-n-propylamine
Concen: 41.181 ng
RT: 8.528 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

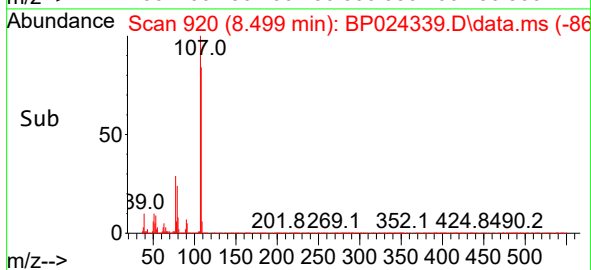
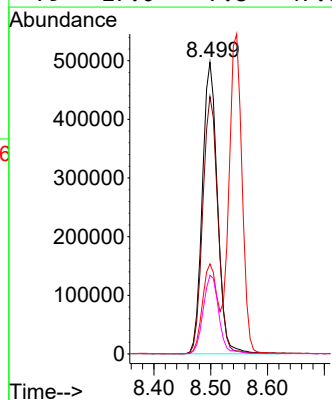
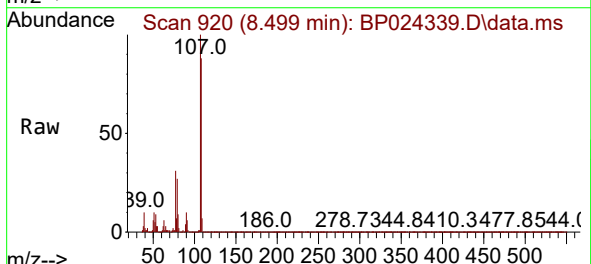
Instrument :
BNA_P
ClientSampleId :
PB167625BS

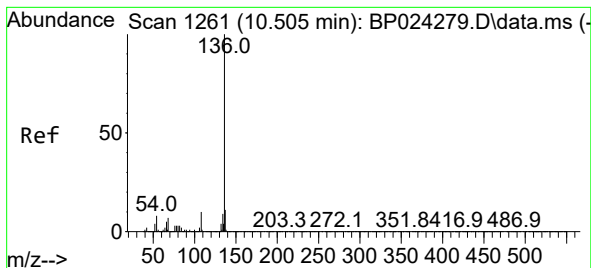
Tgt Ion: 70 Resp: 569870
Ion Ratio Lower Upper
70 100
42 47.0 37.3 55.9
101 10.2 8.2 12.4
130 22.9 18.6 28.0



#20
3+4-Methylphenols
Concen: 45.550 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion: 107 Resp: 917423
Ion Ratio Lower Upper
107 100
108 88.3 69.8 109.8
77 30.9 11.5 51.5
79 27.0 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.504 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

Tgt Ion:136 Resp: 1100496

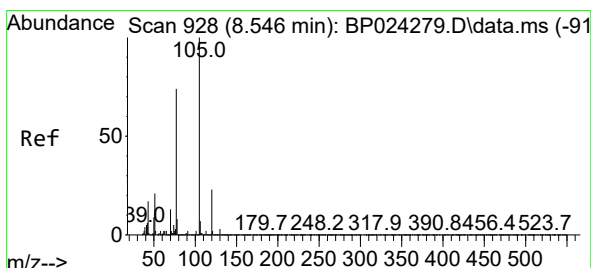
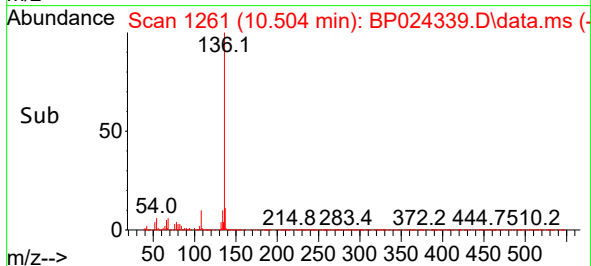
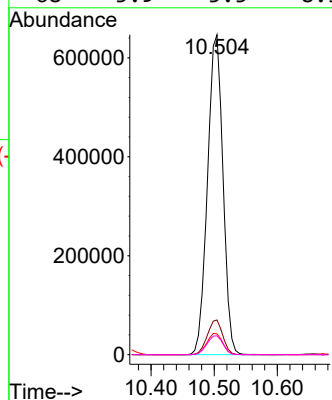
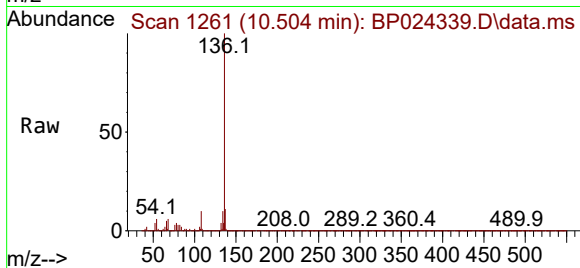
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 6.5 6.0 9.0

68 5.9 5.5 8.3



#22

Acetophenone

Concen: 42.657 ng

RT: 8.546 min Scan# 928

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Tgt Ion:105 Resp: 1161884

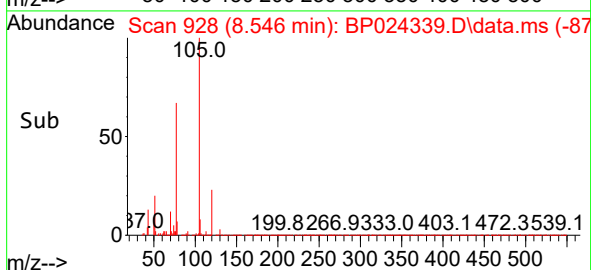
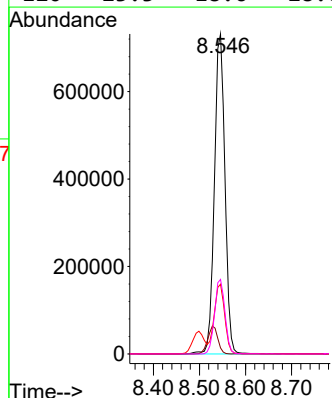
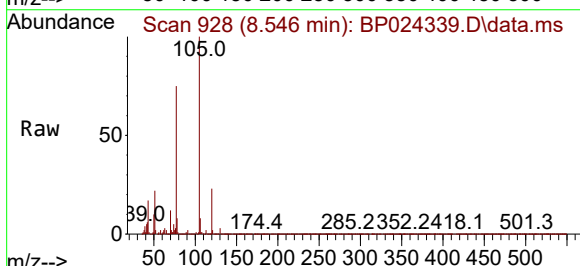
Ion Ratio Lower Upper

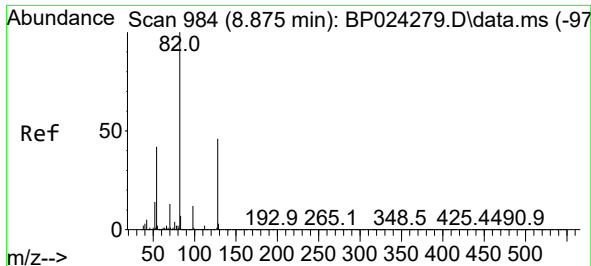
105 100

71 1.9 1.7 2.5

51 21.8 16.9 25.3

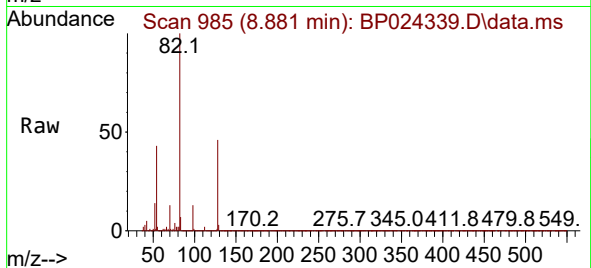
120 23.3 18.6 28.0



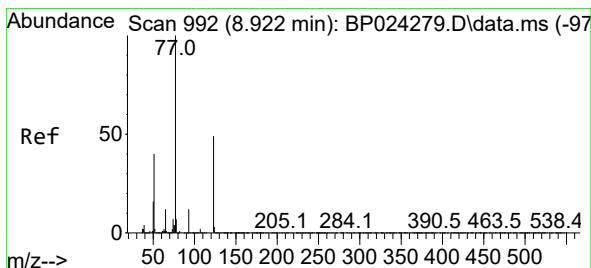
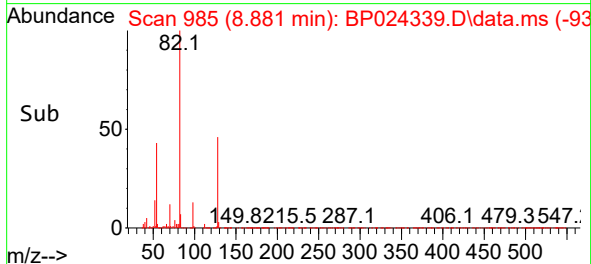
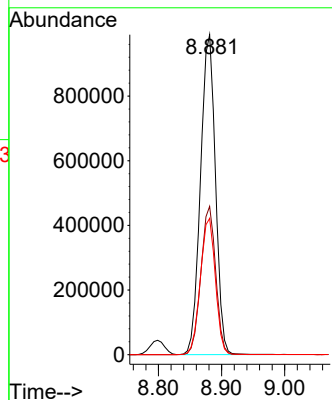


#23
Nitrobenzene-d5
Concen: 84.263 ng
RT: 8.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Instrument :
BNA_P
ClientSampleId :
PB167625BS

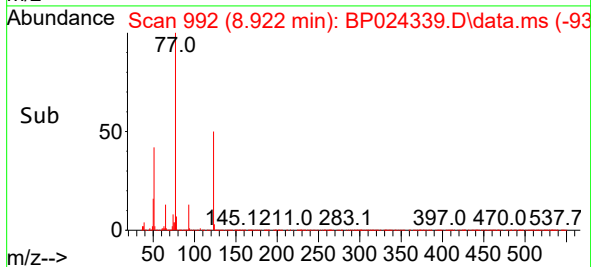
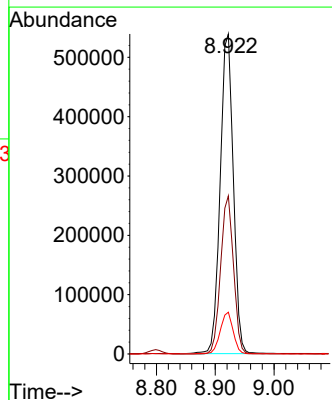
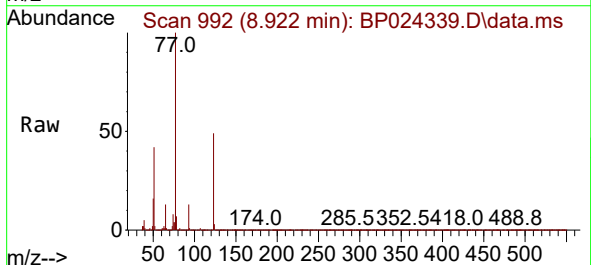


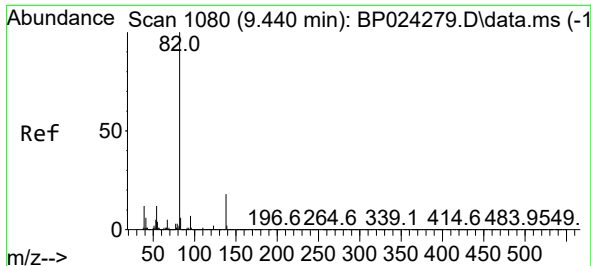
Tgt Ion: 82 Resp: 1626249
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 42.6 33.4 50.2



#24
Nitrobenzene
Concen: 43.721 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.012 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion: 77 Resp: 834746
Ion Ratio Lower Upper
77 100
123 49.4 39.2 58.8
65 13.0 9.8 14.6

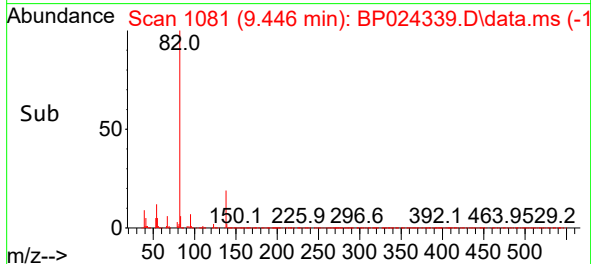
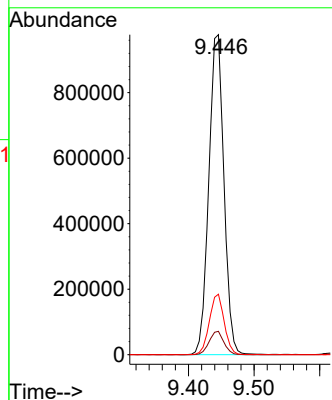
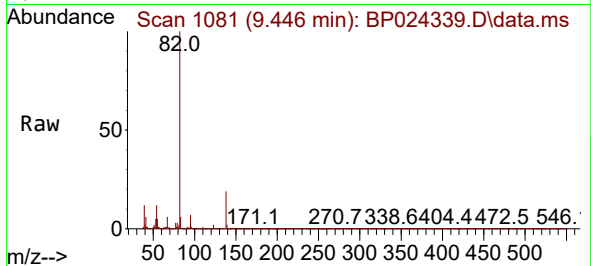




#25
Isophorone
Concen: 44.929 ng
RT: 9.446 min Scan# 1080
Delta R.T. 0.018 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

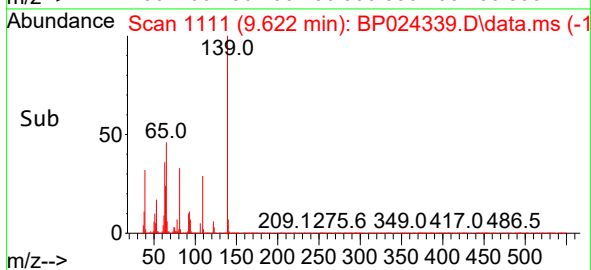
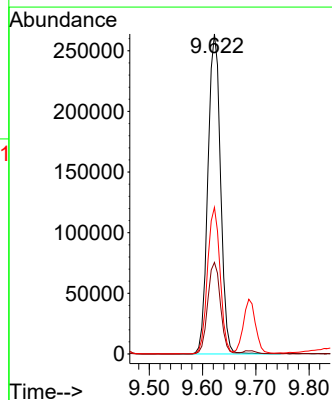
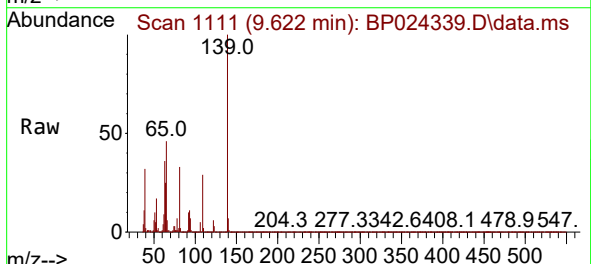
Instrument :
BNA_P
ClientSampleId :
PB167625BS

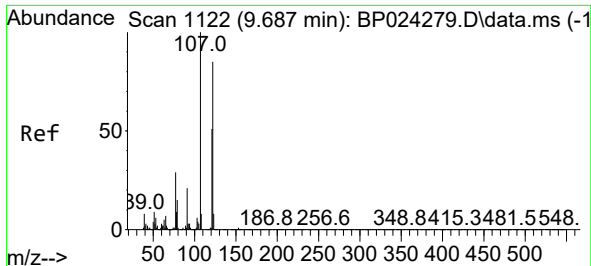
Tgt Ion: 82 Resp: 1569529
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 18.9 14.4 21.6



#26
2-Nitrophenol
Concen: 46.432 ng
RT: 9.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion: 139 Resp: 433832
Ion Ratio Lower Upper
139 100
109 28.6 21.8 32.6
65 45.8 36.2 54.2

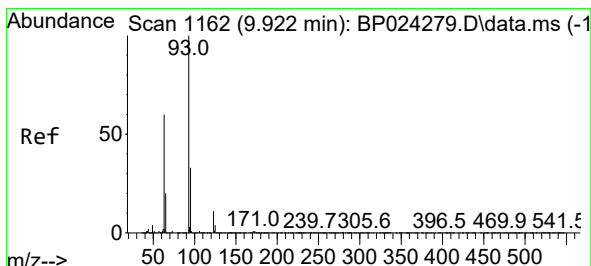
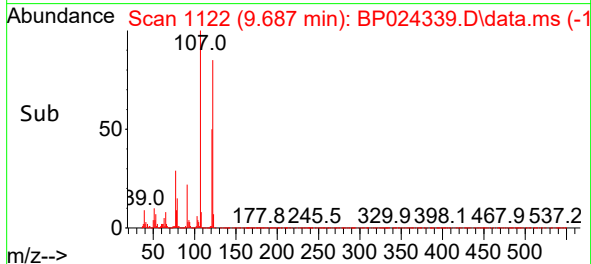
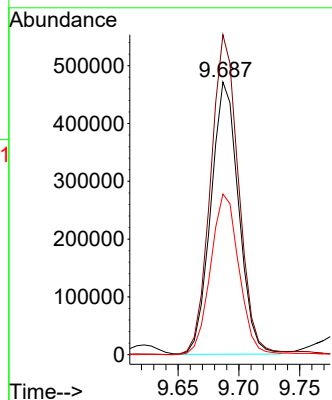
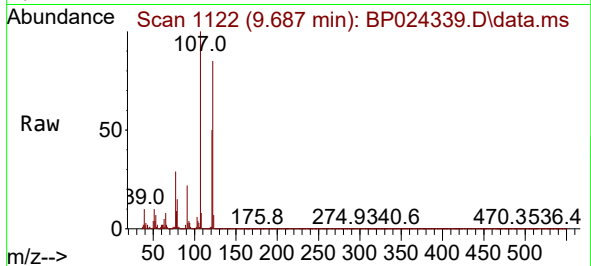




#27
2,4-Dimethylphenol
Concen: 63.782 ng
RT: 9.687 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

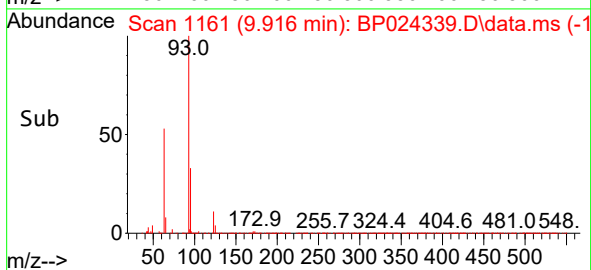
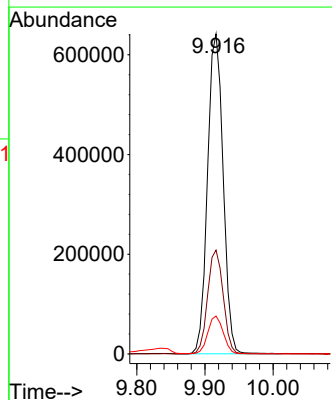
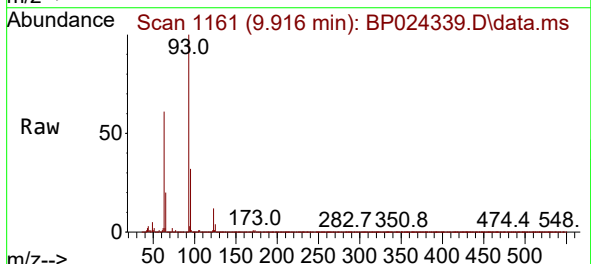
Instrument :
BNA_P
ClientSampleId :
PB167625BS

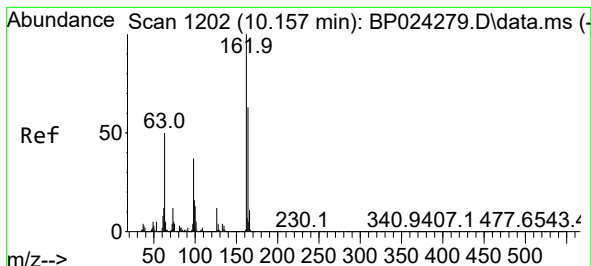
Tgt Ion:122 Resp: 748273
Ion Ratio Lower Upper
122 100
107 117.3 93.7 140.5
121 58.9 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.303 ng
RT: 9.916 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion: 93 Resp: 1021916
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.9 9.1 13.7

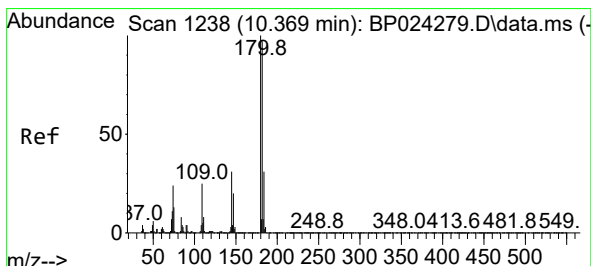
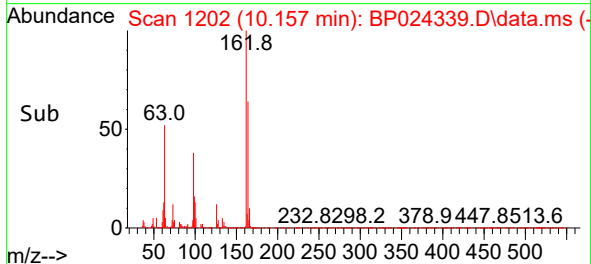
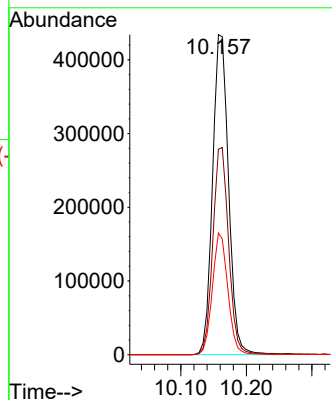
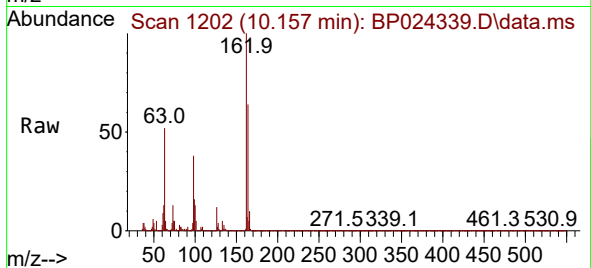




#29
2,4-Dichlorophenol
Concen: 46.016 ng
RT: 10.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

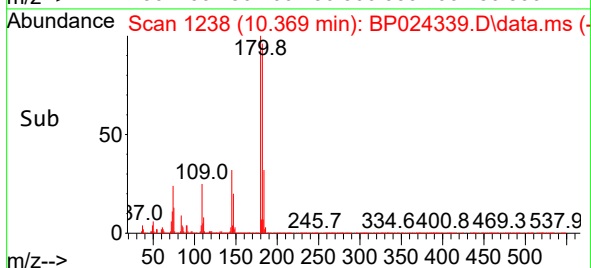
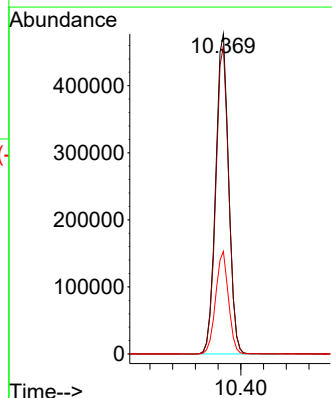
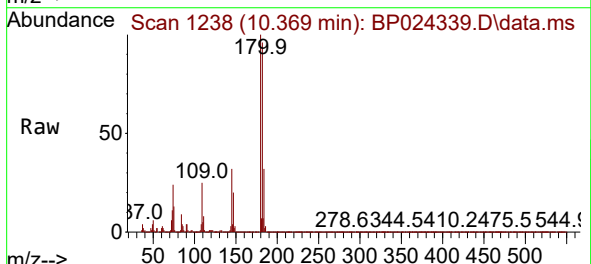
Instrument :
BNA_P
ClientSampleId :
PB167625BS

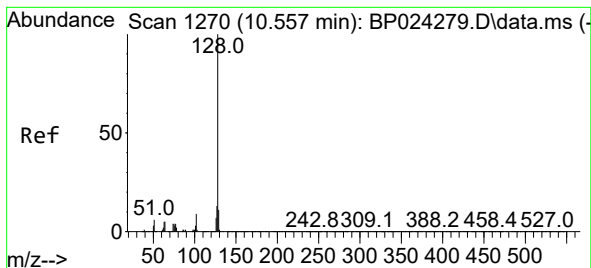
Tgt Ion:162 Resp: 736083
Ion Ratio Lower Upper
162 100
164 64.2 43.3 83.3
98 38.1 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 43.982 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:180 Resp: 753794
Ion Ratio Lower Upper
180 100
182 96.3 77.3 115.9
145 32.1 25.1 37.7

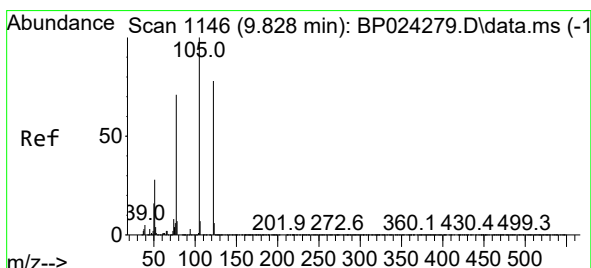
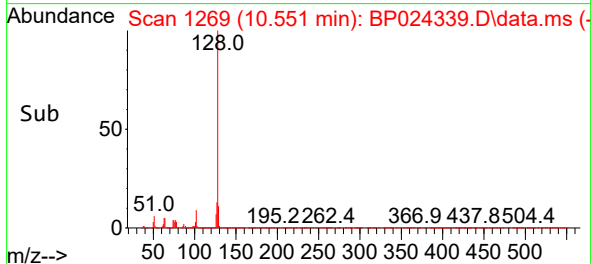
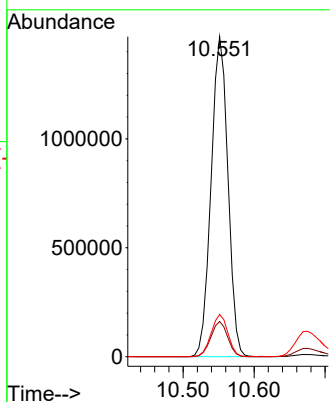
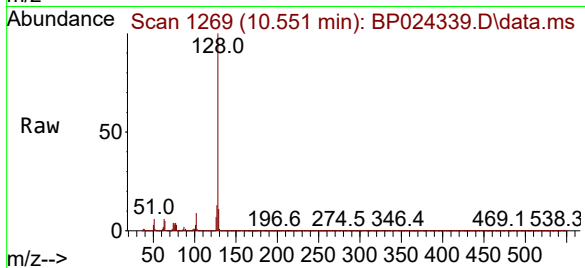




#31
Naphthalene
Concen: 41.628 ng
RT: 10.551 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

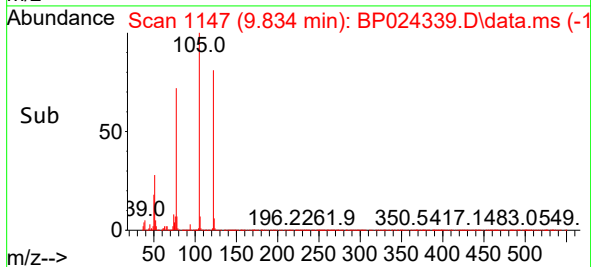
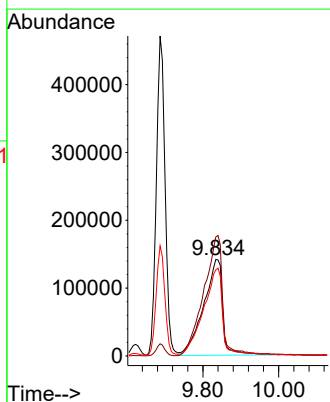
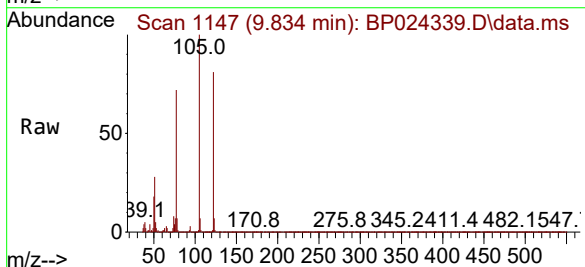
Instrument :
BNA_P
ClientSampleId :
PB167625BS

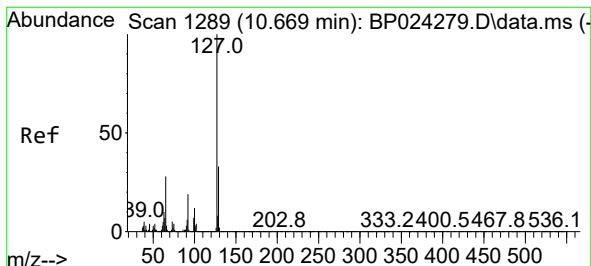
Tgt Ion:128 Resp: 2413153
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 36.361 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:122 Resp: 497059
Ion Ratio Lower Upper
122 100
105 123.3 104.8 144.8
77 89.2 69.2 109.2





#33

4-Chloroaniline

Concen: 15.578 ng

RT: 10.675 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

Tgt Ion:127 Resp: 318013

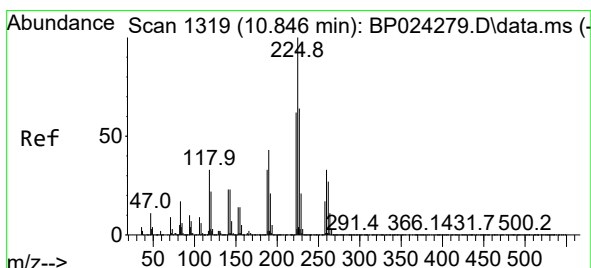
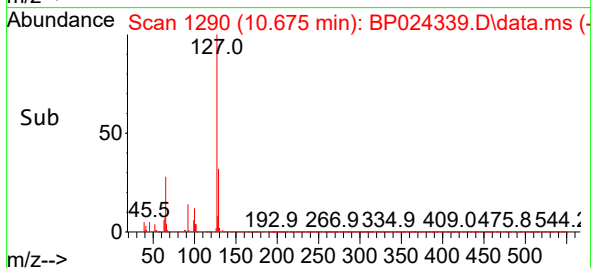
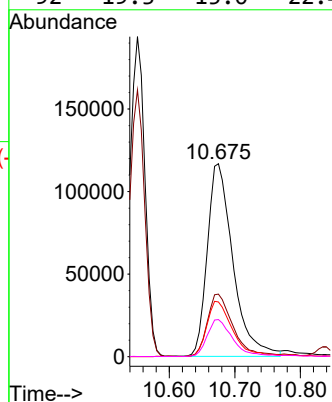
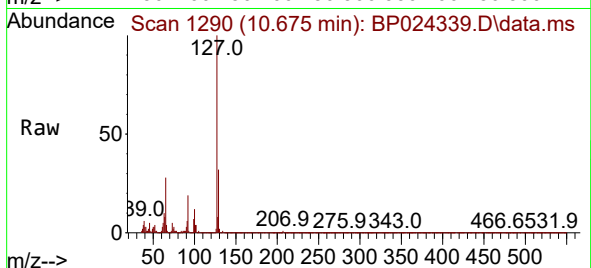
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 28.3 22.1 33.1

92 19.3 15.0 22.4



#34

Hexachlorobutadiene

Concen: 45.350 ng

RT: 10.840 min Scan# 1318

Delta R.T. 0.012 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

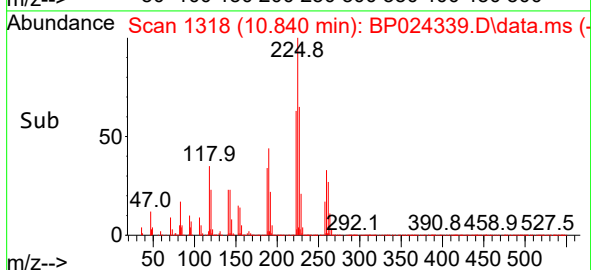
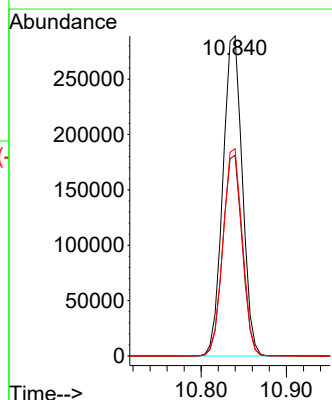
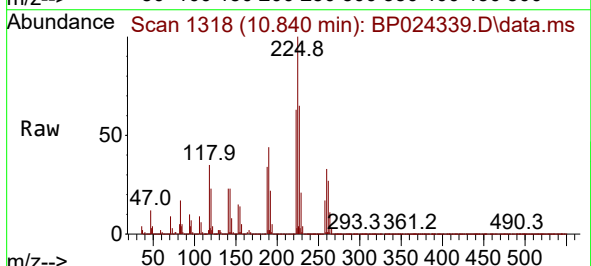
Tgt Ion:225 Resp: 456730

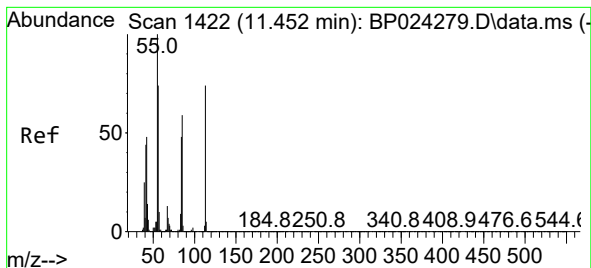
Ion Ratio Lower Upper

225 100

223 62.7 49.5 74.3

227 64.7 50.9 76.3

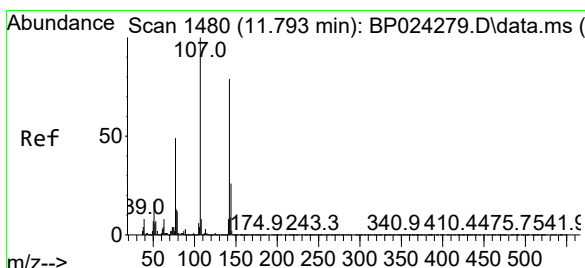
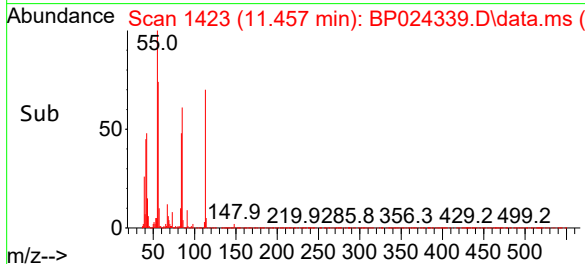
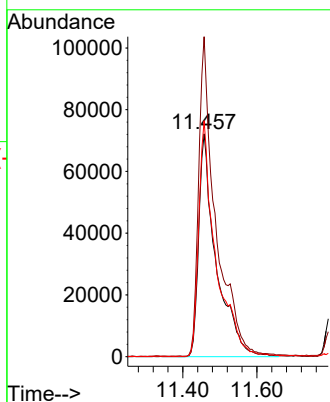
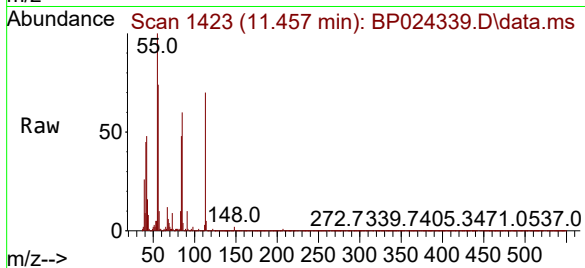




#35
Caprolactam
Concen: 39.963 ng
RT: 11.457 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

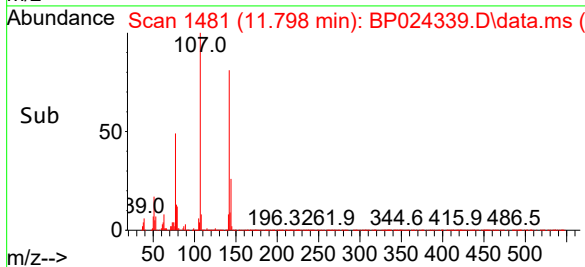
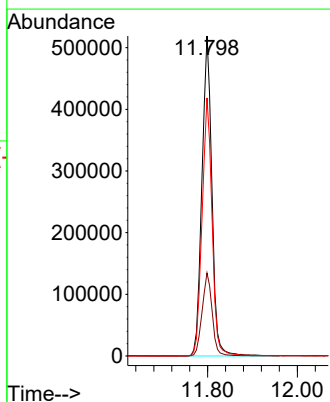
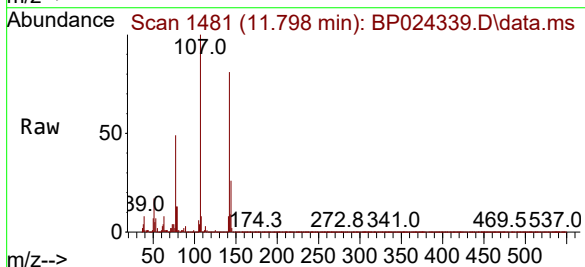
Instrument :
BNA_P
ClientSampleId :
PB167625BS

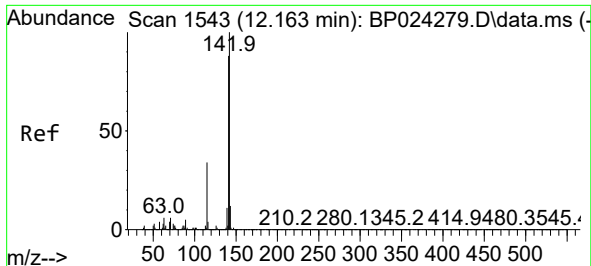
Tgt Ion:113 Resp: 235875
Ion Ratio Lower Upper
113 100
55 143.6 115.9 155.9
56 105.9 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 42.957 ng
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:107 Resp: 800377
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 80.7 63.4 95.2

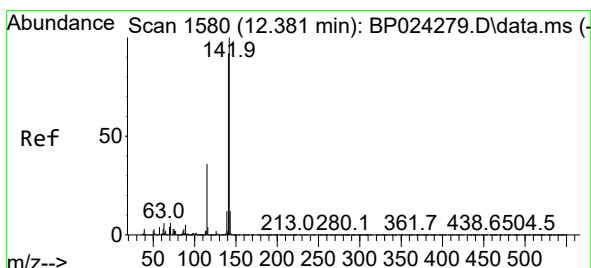
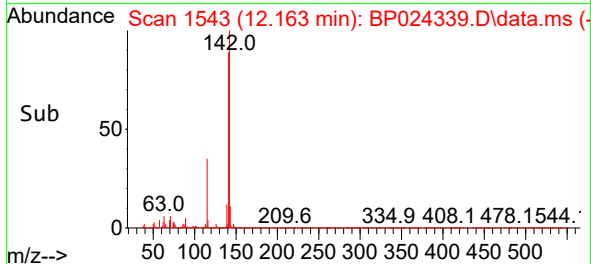
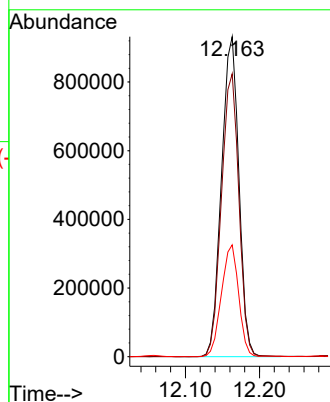
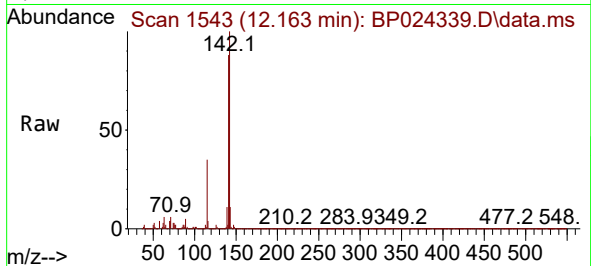




#37
2-Methylnaphthalene
Concen: 37.726 ng
RT: 12.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

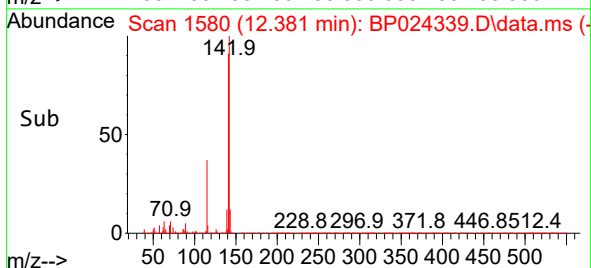
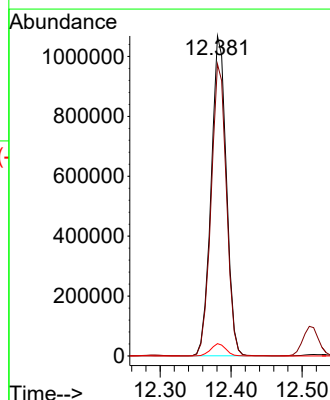
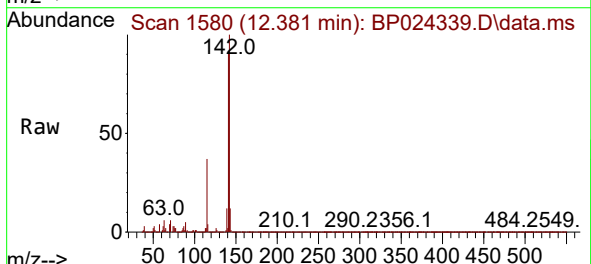
Instrument :
BNA_P
ClientSampleId :
PB167625BS

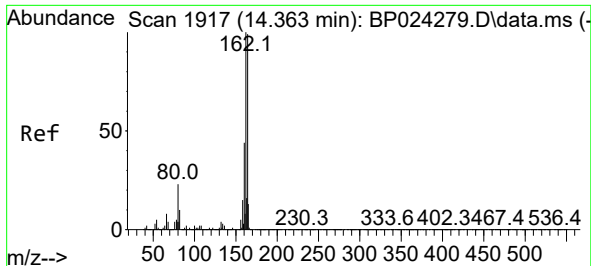
Tgt Ion:142 Resp: 1516705
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 34.9 26.9 40.3



#38
1-Methylnaphthalene
Concen: 40.564 ng
RT: 12.381 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:142 Resp: 1595366
Ion Ratio Lower Upper
142 100
141 91.2 73.6 110.4
116 3.9 3.0 4.6

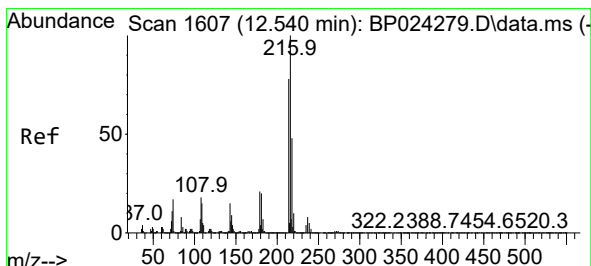
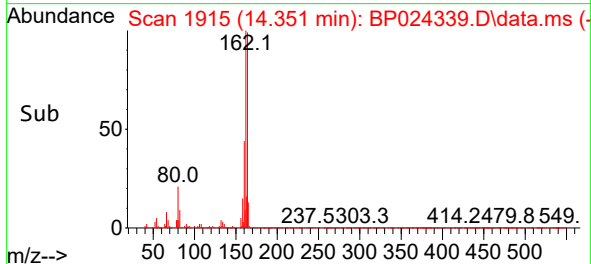
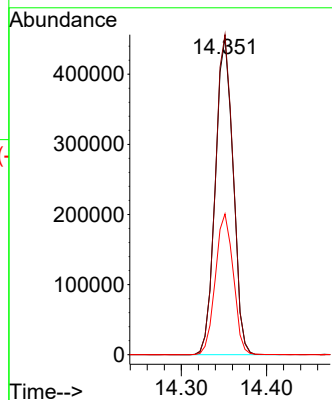
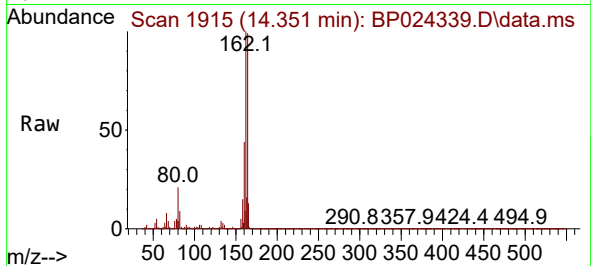




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

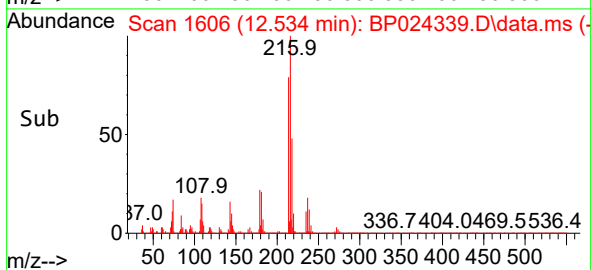
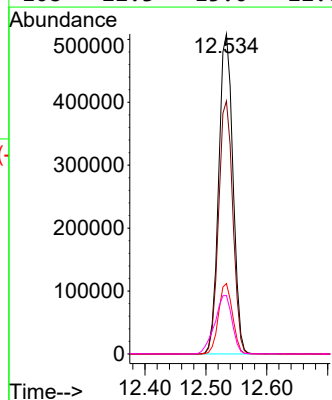
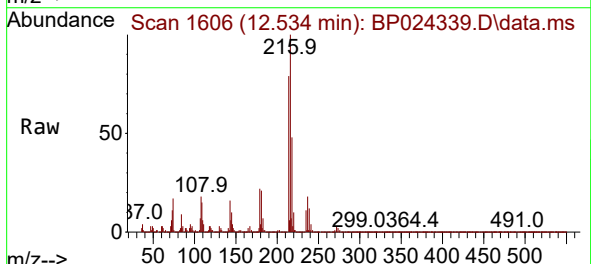
Instrument :
BNA_P
ClientSampleId :
PB167625BS

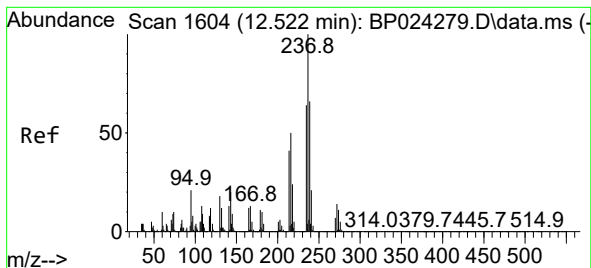
Tgt Ion:164 Resp: 654722
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.5 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.706 ng
RT: 12.534 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:216 Resp: 822938
Ion Ratio Lower Upper
216 100
214 79.2 62.6 93.8
179 21.7 17.2 25.8
108 22.3 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 192.697 ng

RT: 12.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

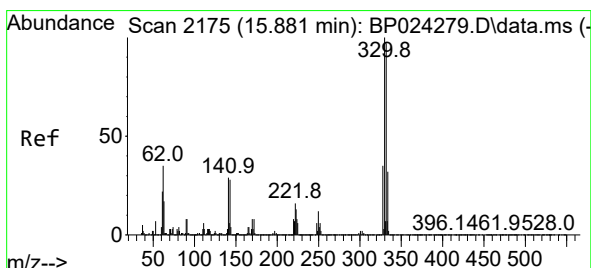
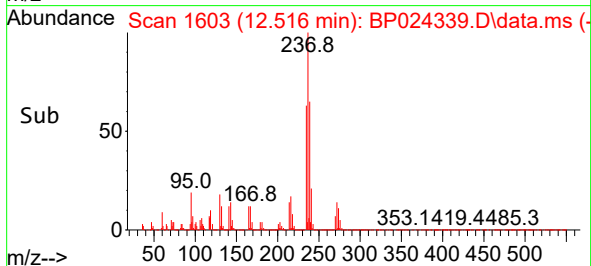
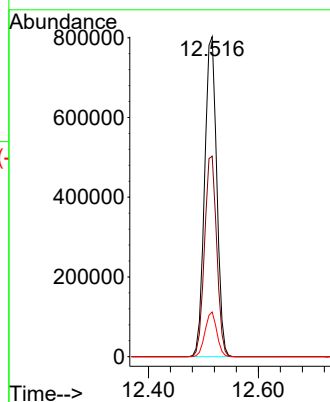
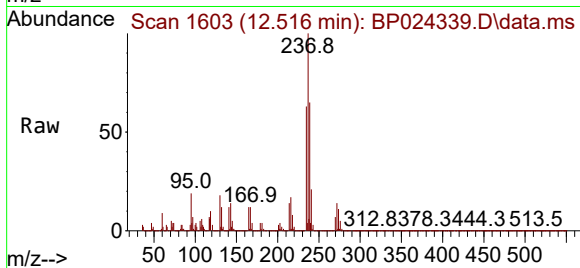
Tgt Ion:237 Resp: 1227070

Ion Ratio Lower Upper

237 100

235 62.7 43.9 83.9

272 13.9 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 126.149 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

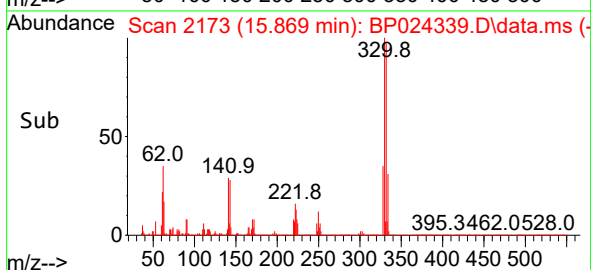
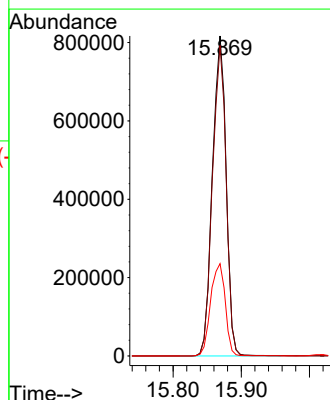
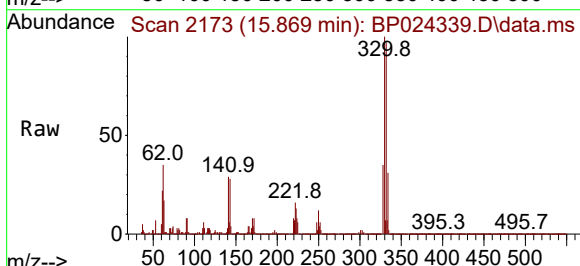
Tgt Ion:330 Resp: 1142714

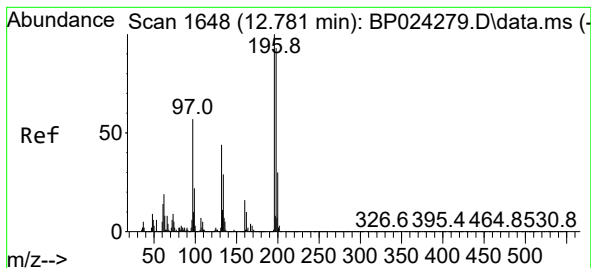
Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 30.8 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 48.012 ng

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

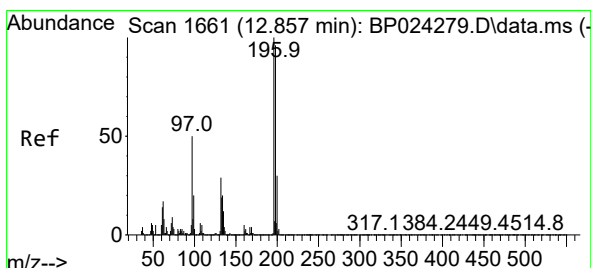
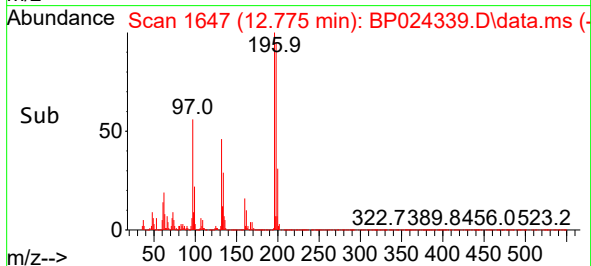
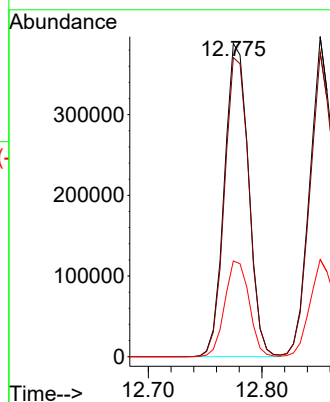
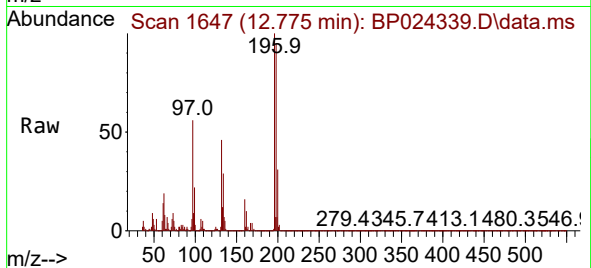
Tgt Ion:196 Resp: 574741

Ion Ratio Lower Upper

196 100

198 95.5 74.3 111.5

200 30.5 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.026 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Tgt Ion:196 Resp: 623380

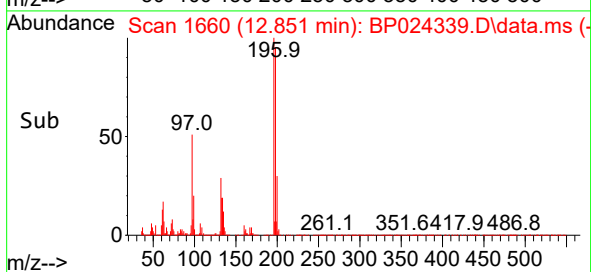
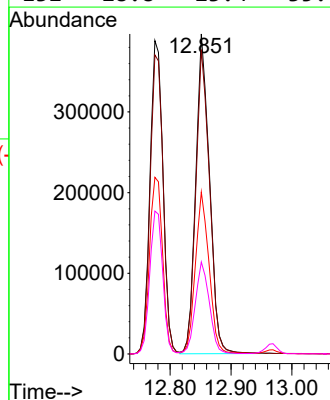
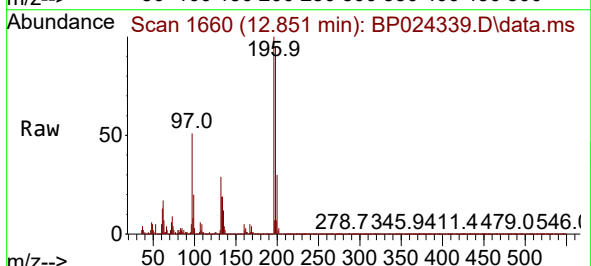
Ion Ratio Lower Upper

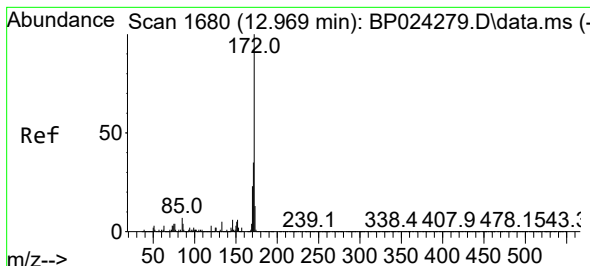
196 100

198 95.1 77.3 115.9

97 50.6 40.4 60.6

132 28.8 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 84.893 ng

RT: 12.969 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

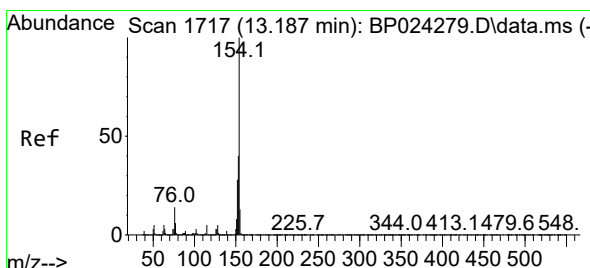
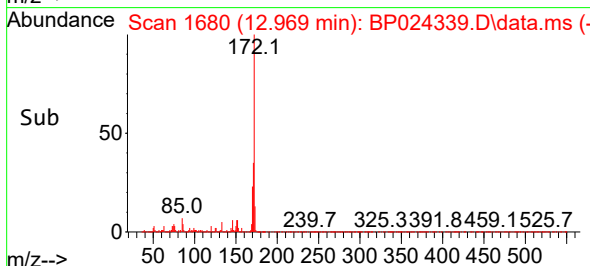
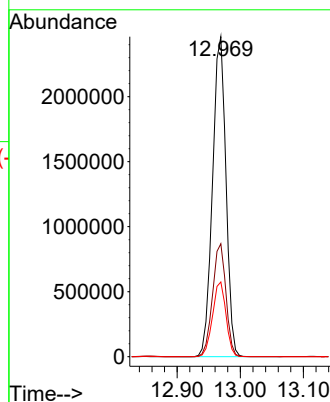
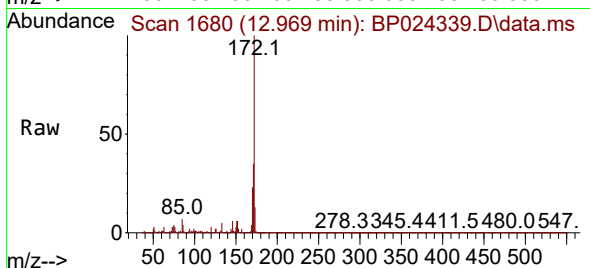
Tgt Ion:172 Resp: 3630113

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 43.785 ng

RT: 13.181 min Scan# 1716

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

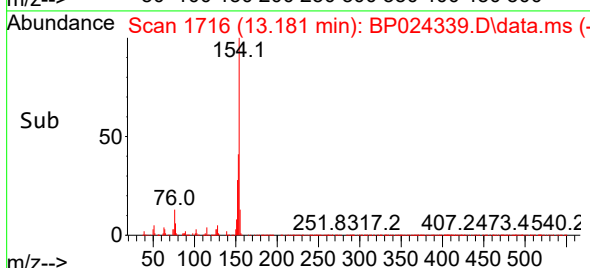
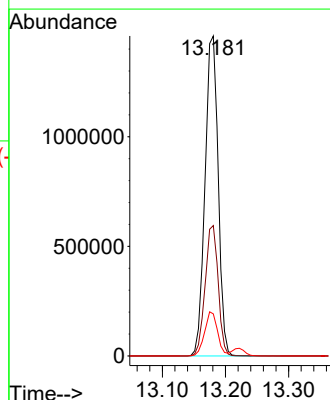
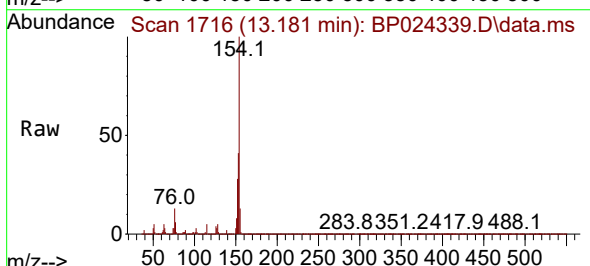
Tgt Ion:154 Resp: 2107178

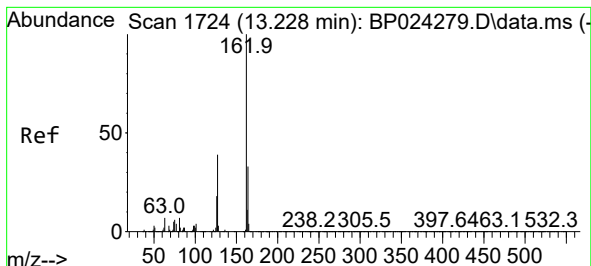
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 13.1 0.0 33.5





#47

2-Chloronaphthalene

Concen: 45.111 ng

RT: 13.222 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

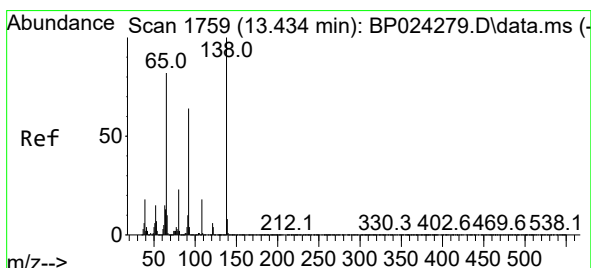
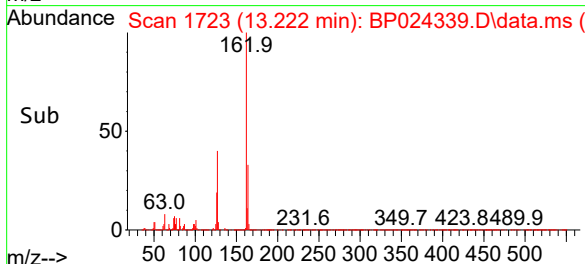
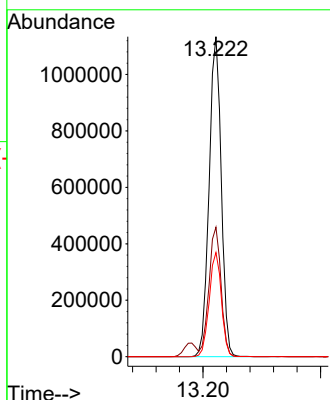
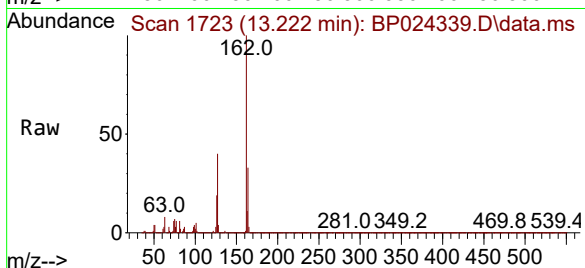
Tgt Ion:162 Resp: 1622564

Ion Ratio Lower Upper

162 100

127 40.4 31.9 47.9

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 46.825 ng

RT: 13.422 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

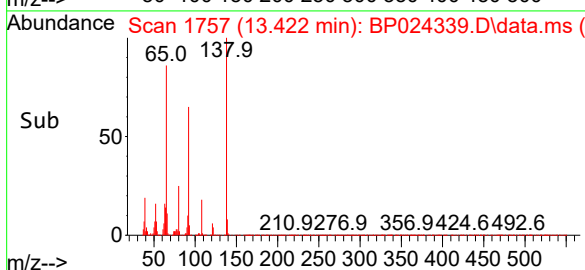
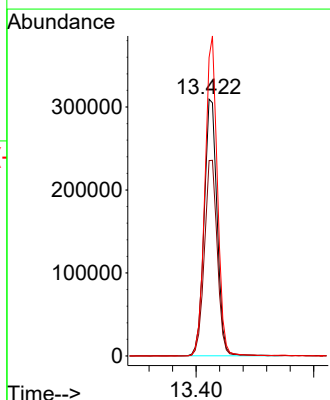
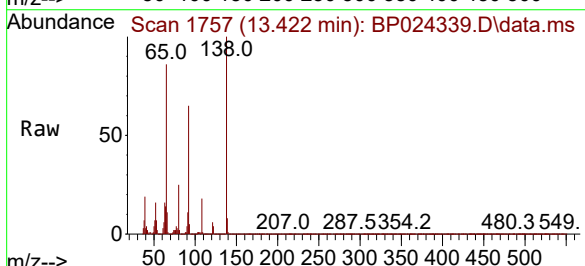
Tgt Ion: 65 Resp: 472428

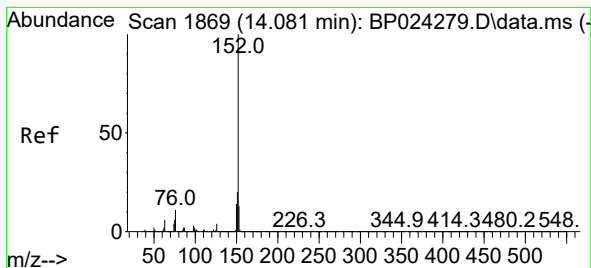
Ion Ratio Lower Upper

65 100

92 76.1 62.3 93.5

138 116.2 97.2 145.8





#49

Acenaphthylene

Concen: 47.491 ng

RT: 14.069 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

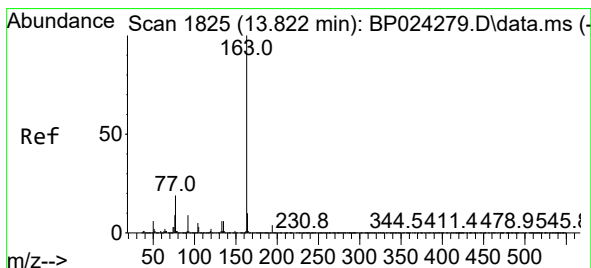
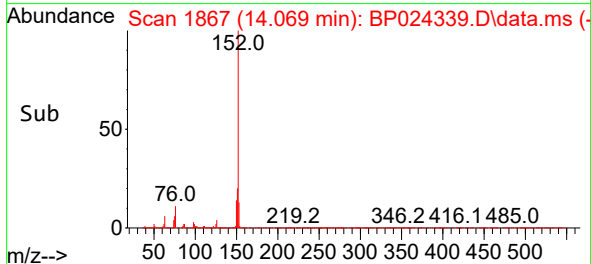
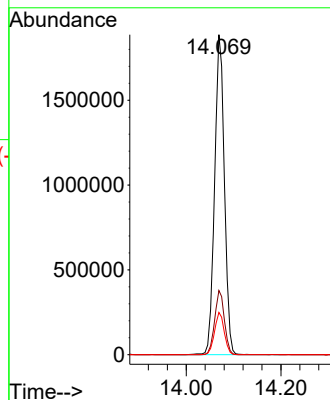
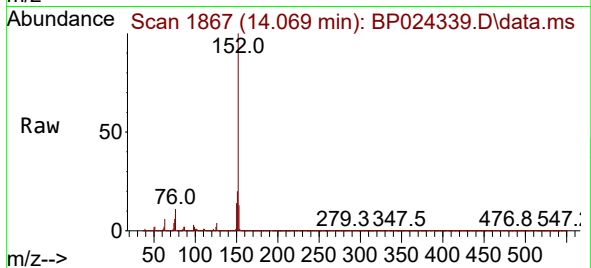
Tgt Ion:152 Resp: 2689385

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 41.885 ng

RT: 13.804 min Scan# 1822

Delta R.T. -0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

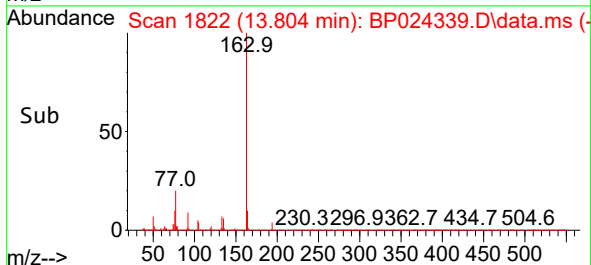
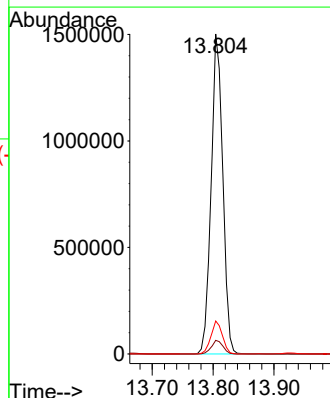
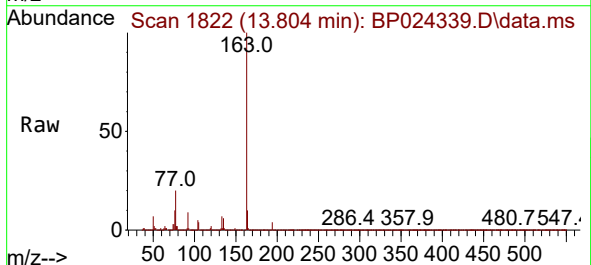
Tgt Ion:163 Resp: 1994238

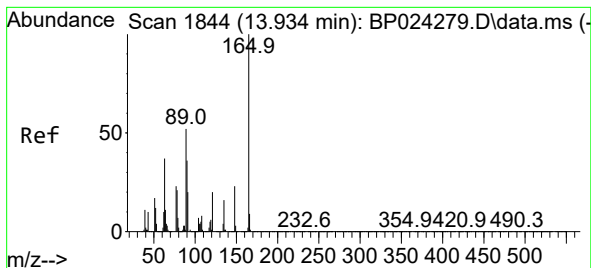
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.3 8.0 12.0

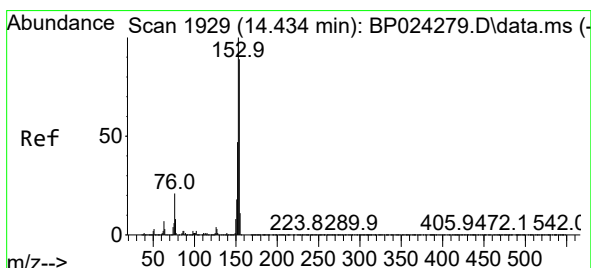
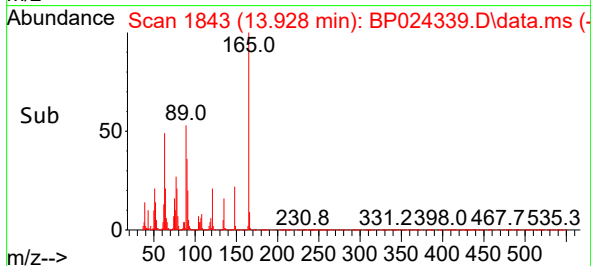
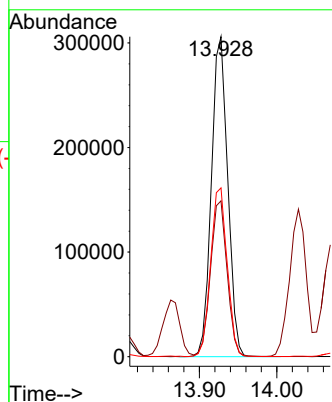
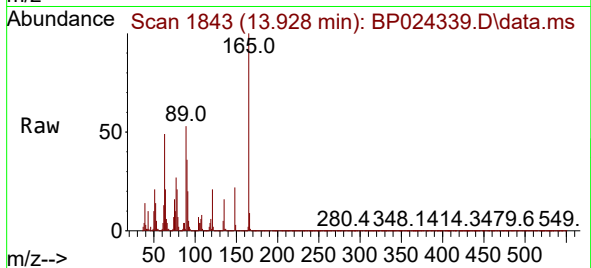




#51
2,6-Dinitrotoluene
Concen: 44.190 ng
RT: 13.928 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

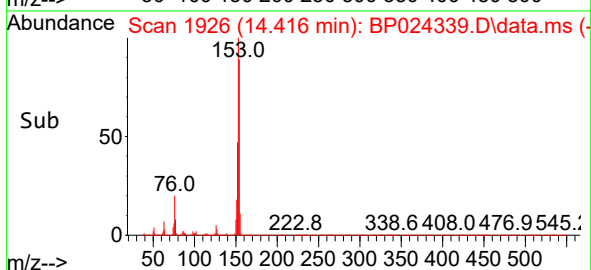
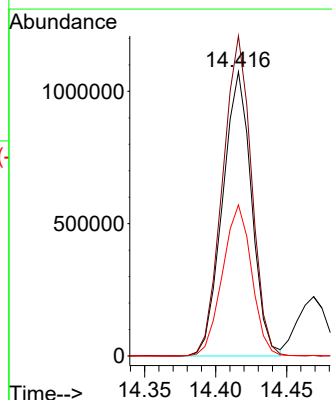
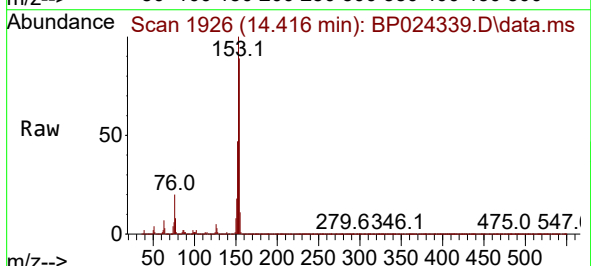
Instrument :
BNA_P
ClientSampleId :
PB167625BS

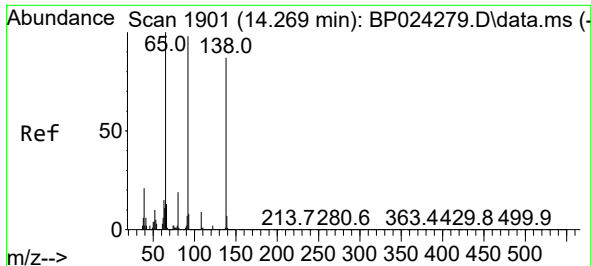
Tgt Ion:165 Resp: 446783
Ion Ratio Lower Upper
165 100
63 48.7 38.0 57.0
89 52.7 41.7 62.5



#52
Acenaphthene
Concen: 42.495 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:154 Resp: 1525613
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.6
152 53.2 42.6 63.8

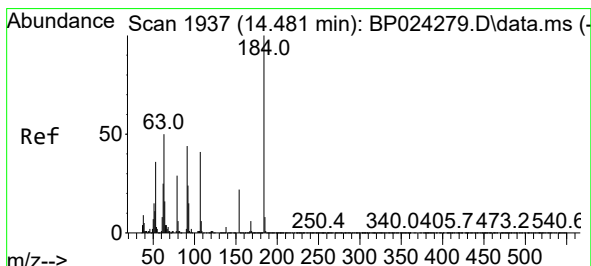
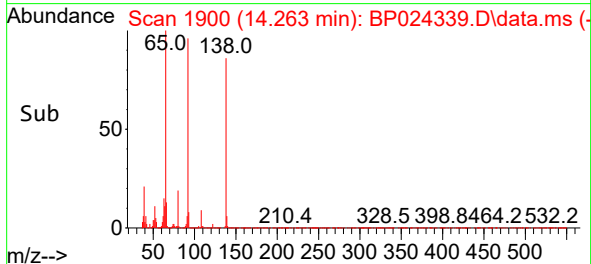
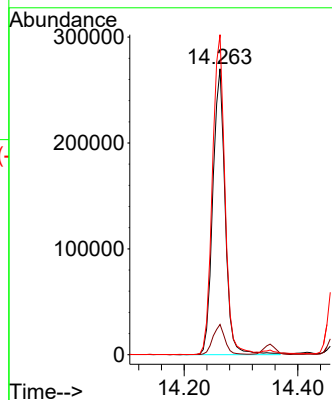
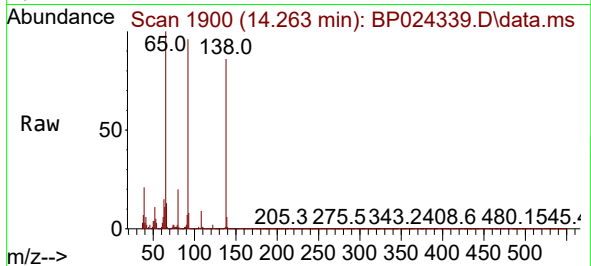




#53
3-Nitroaniline
Concen: 38.315 ng
RT: 14.263 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

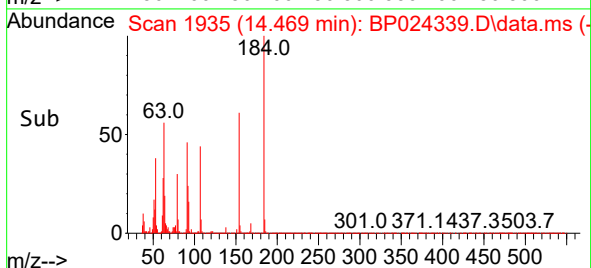
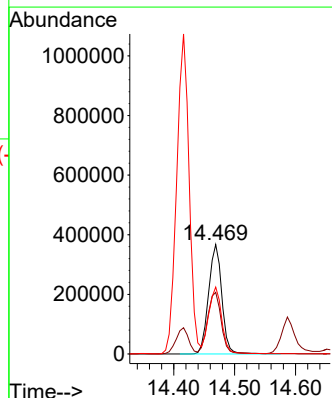
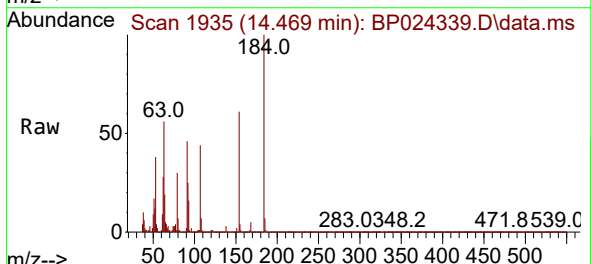
Instrument :
BNA_P
ClientSampleId :
PB167625BS

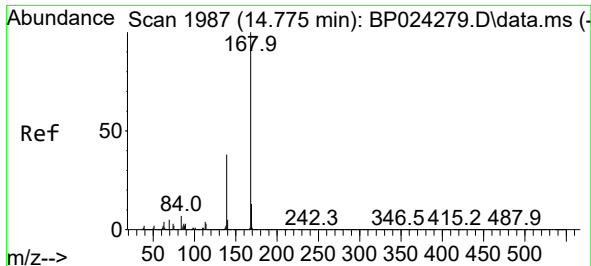
Tgt Ion:138 Resp: 407138
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 111.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 93.387 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:184 Resp: 556165
Ion Ratio Lower Upper
184 100
63 56.2 42.6 64.0
154 61.1 47.2 70.8

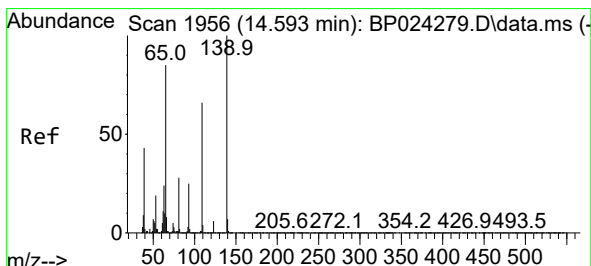
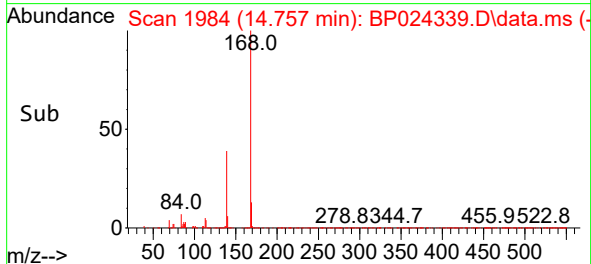
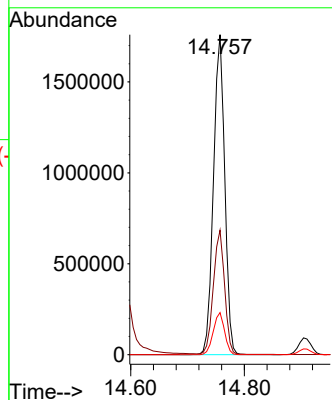
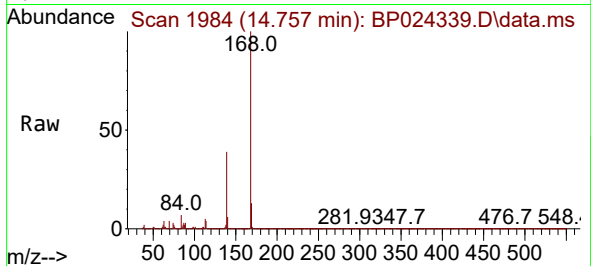




#55
Dibenzofuran
Concen: 41.077 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

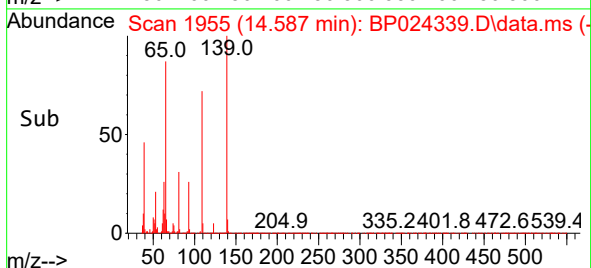
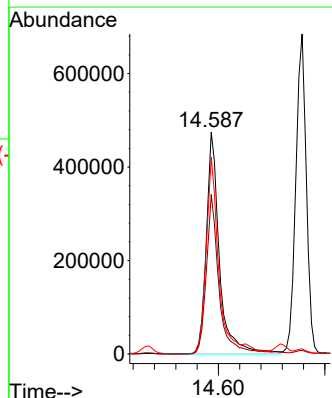
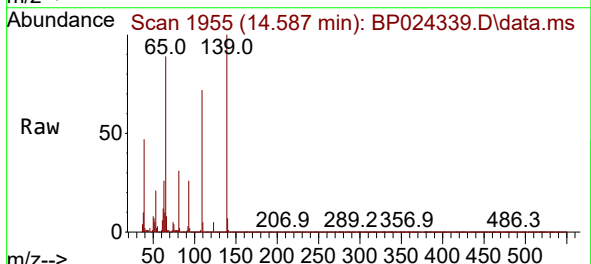
Instrument :
BNA_P
ClientSampleId :
PB167625BS

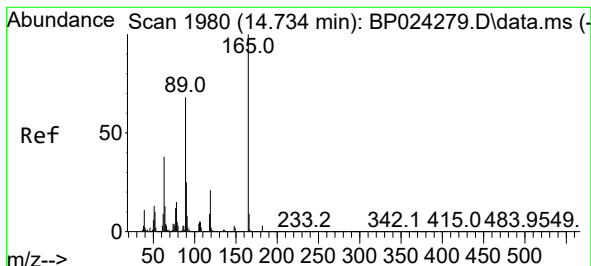
Tgt Ion:168 Resp: 2410517
Ion Ratio Lower Upper
168 100
139 38.9 30.3 45.5
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 88.632 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:139 Resp: 813407
Ion Ratio Lower Upper
139 100
109 71.9 46.1 86.1
65 88.7 65.0 105.0

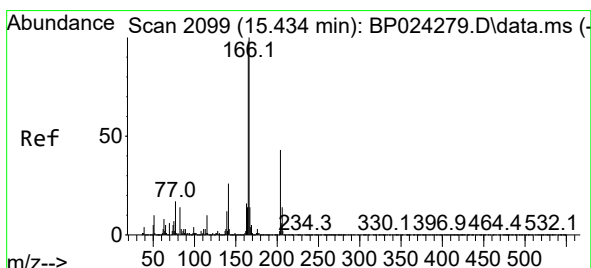
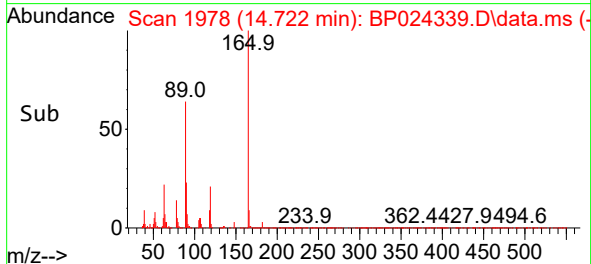
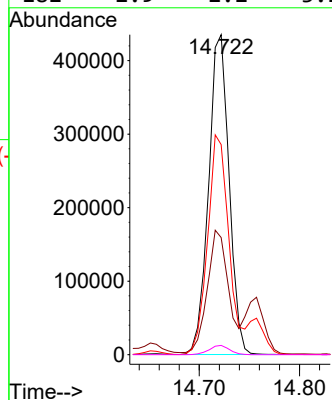
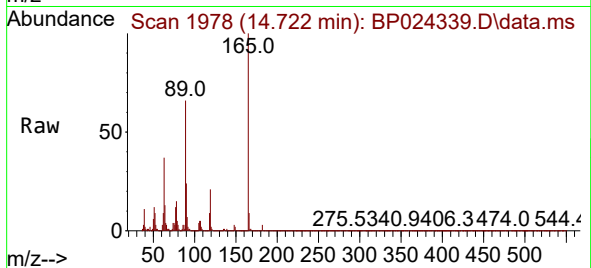




#57
2,4-Dinitrotoluene
Concen: 44.838 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

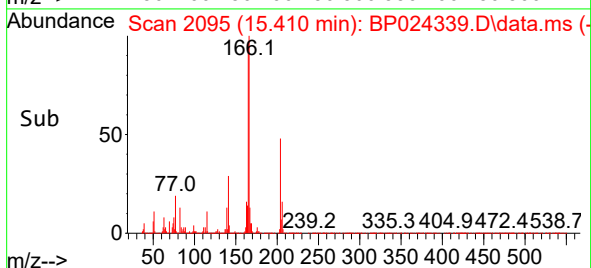
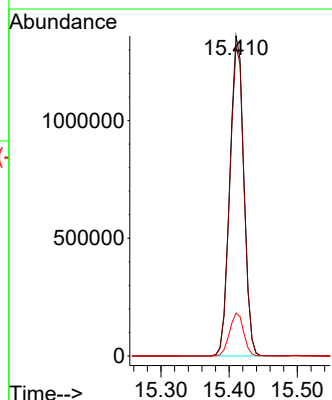
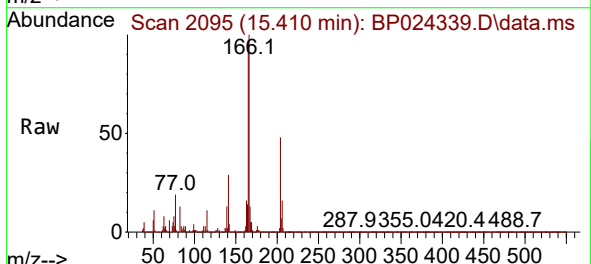
Instrument :
BNA_P
ClientSampleId :
PB167625BS

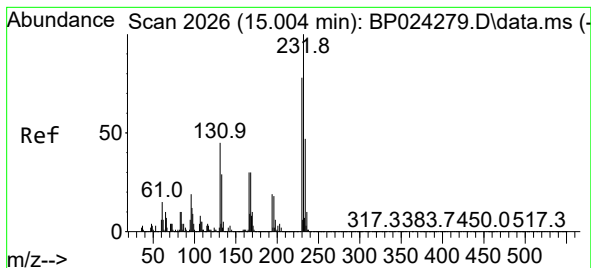
Tgt Ion:165 Resp: 618401
Ion Ratio Lower Upper
165 100
63 36.6 30.4 45.6
89 65.7 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.779 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:166 Resp: 1943368
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.4 10.9 16.3

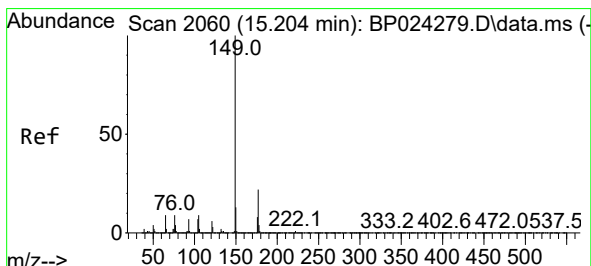
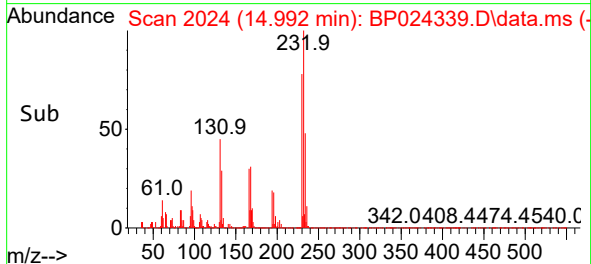
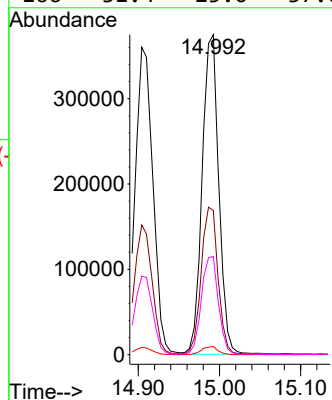
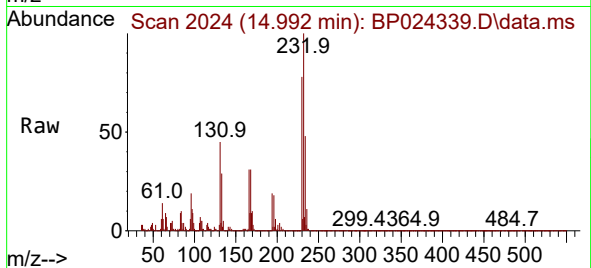




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.507 ng
RT: 14.992 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

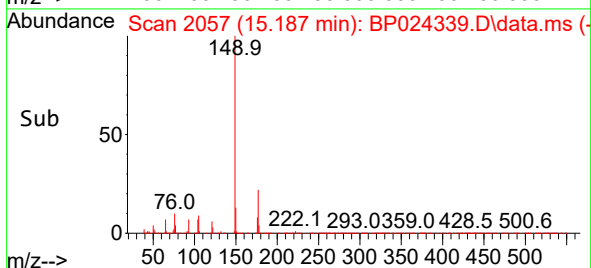
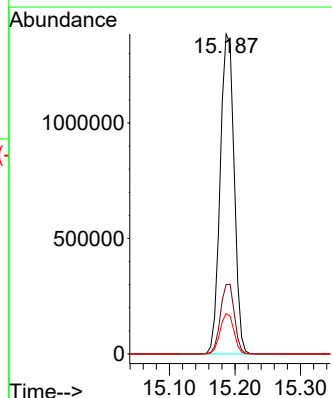
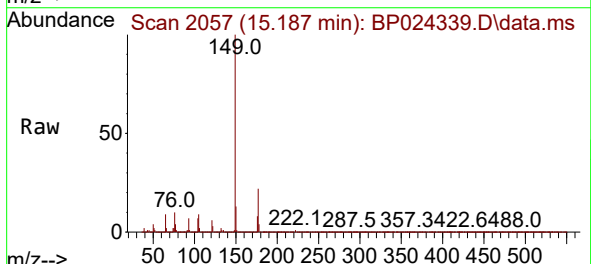
Instrument :
BNA_P
ClientSampleId :
PB167625BS

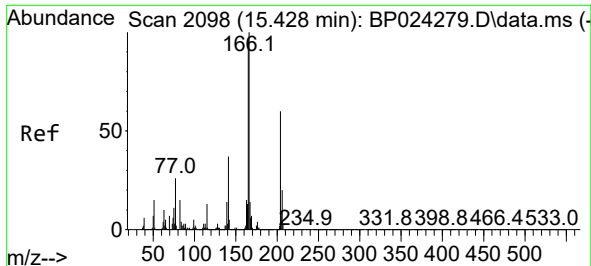
Tgt Ion:232 Resp: 531925
Ion Ratio Lower Upper
232 100
131 46.6 36.8 55.2
130 2.5 1.9 2.9
166 31.4 25.0 37.6



#60
Diethylphthalate
Concen: 41.504 ng
RT: 15.187 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:149 Resp: 2036418
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.6 10.1 15.1

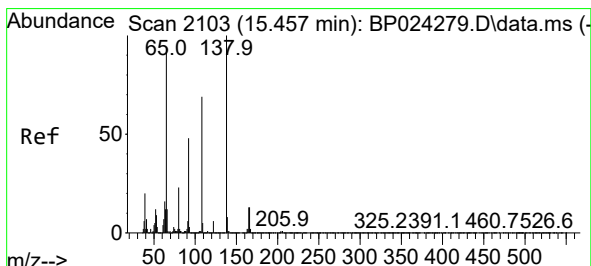
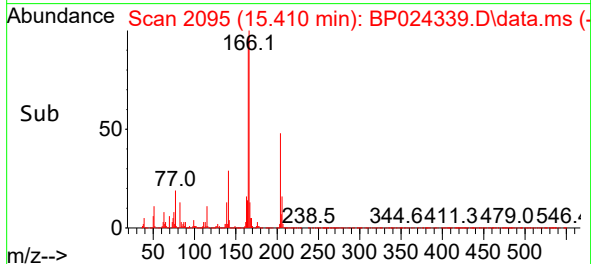
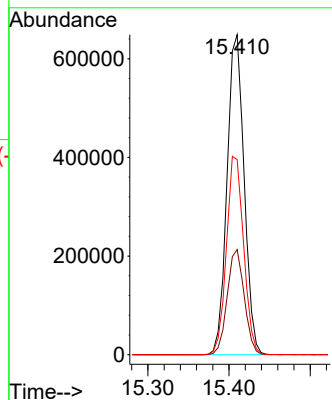
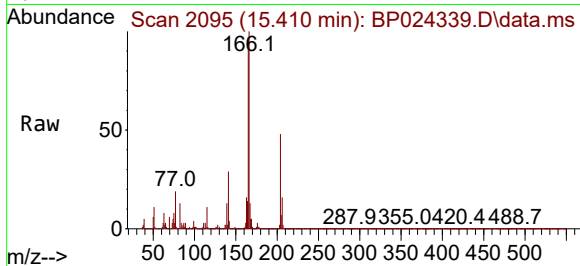




#61
4-Chlorophenyl-phenylether
Concen: 43.042 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

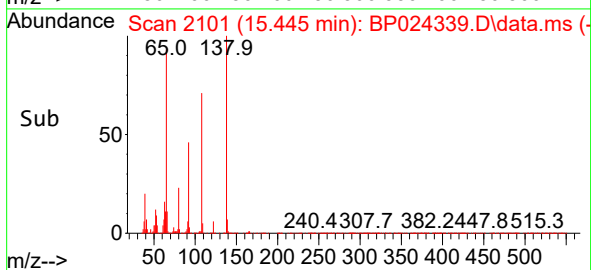
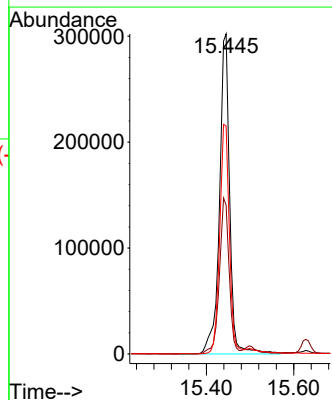
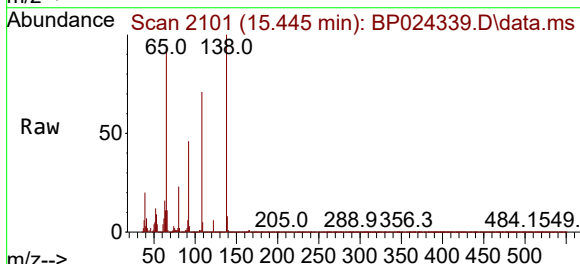
Instrument :
BNA_P
ClientSampleId :
PB167625BS

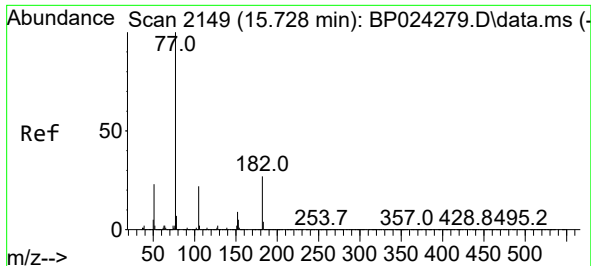
Tgt Ion:204 Resp: 949520
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 61.0 49.4 74.0



#62
4-Nitroaniline
Concen: 43.470 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:138 Resp: 488998
Ion Ratio Lower Upper
138 100
92 46.5 27.8 67.8
108 71.3 48.9 88.9



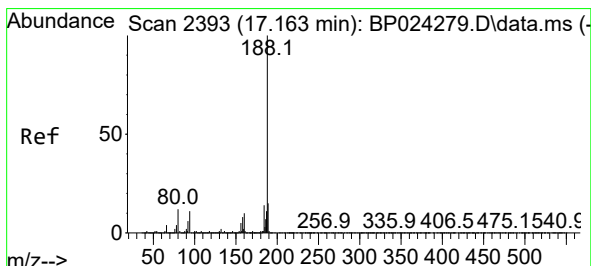
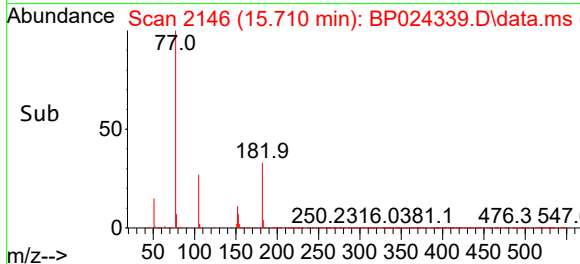
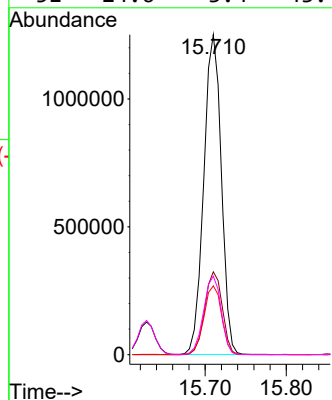
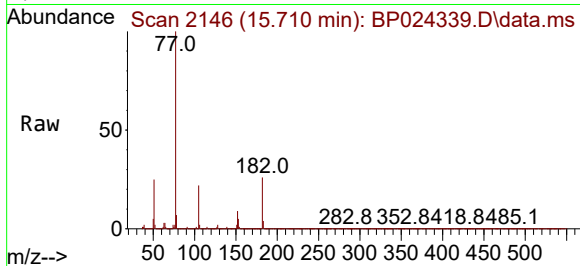


#63
Azobenzene
Concen: 41.550 ng
RT: 15.710 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Instrument :
BNA_P
ClientSampleId :
PB167625BS

Tgt Ion: 77 Resp: 1873779

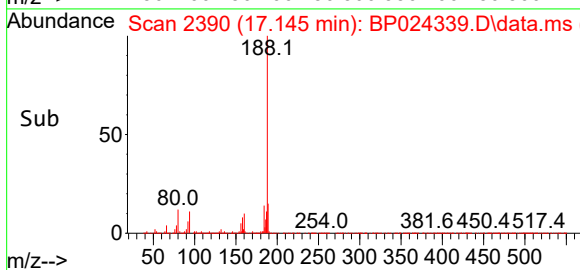
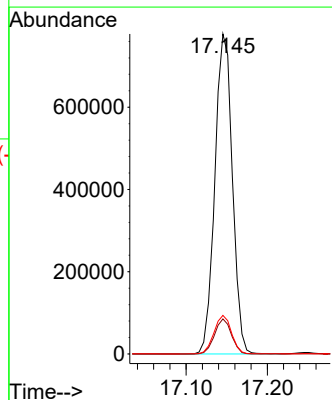
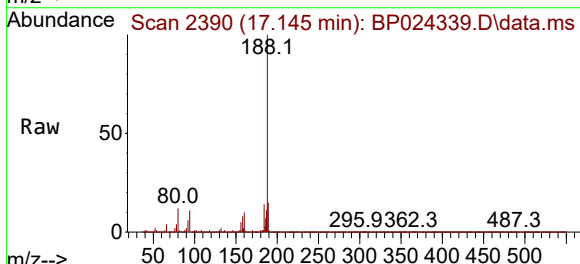
Ion	Ratio	Lower	Upper
77	100		
182	25.9	7.3	47.3
105	21.5	2.3	42.3
51	24.6	3.4	43.4

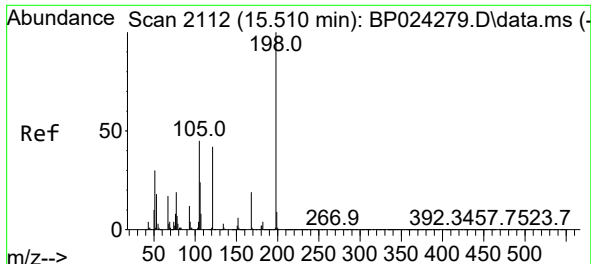


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion: 188 Resp: 1166735

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	12.1	9.8	14.6

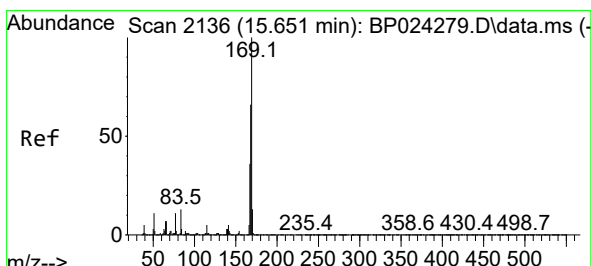
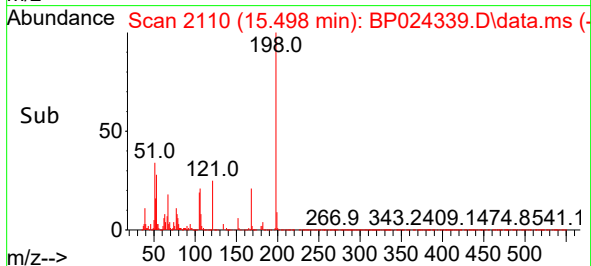
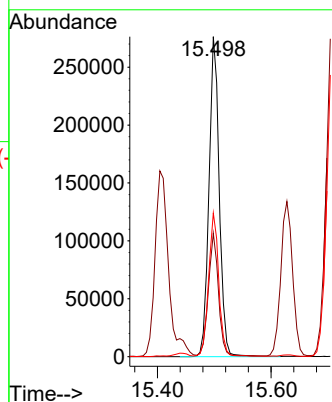
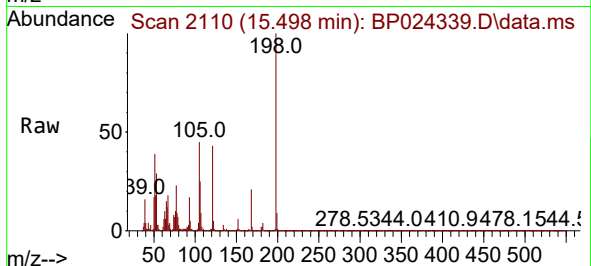




#65
4,6-Dinitro-2-methylphenol
Concen: 46.969 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

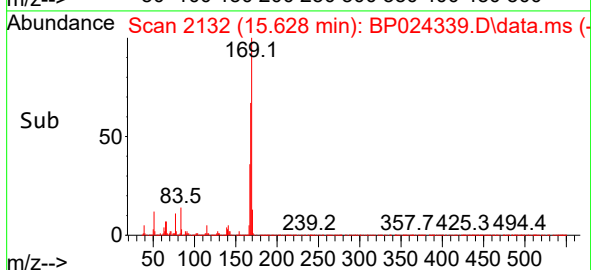
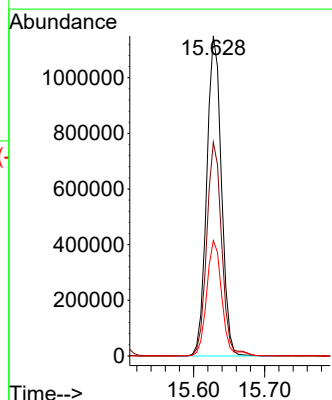
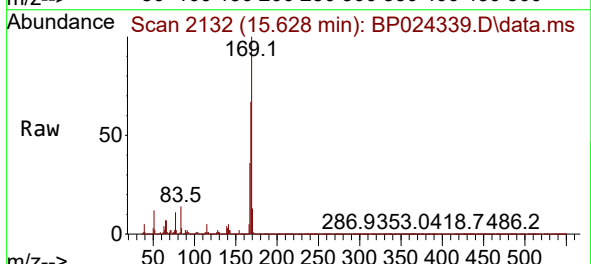
Instrument :
BNA_P
ClientSampleId :
PB167625BS

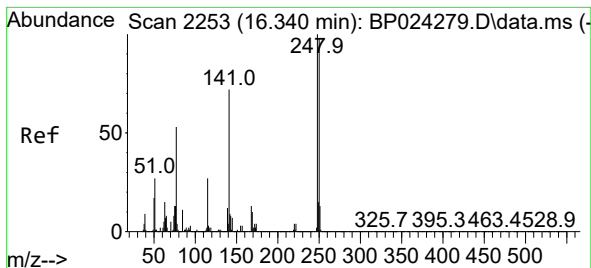
Tgt Ion:198 Resp: 345493
Ion Ratio Lower Upper
198 100
51 38.5 18.4 58.4
105 44.9 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.448 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:169 Resp: 1652360
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.1 28.9 43.3

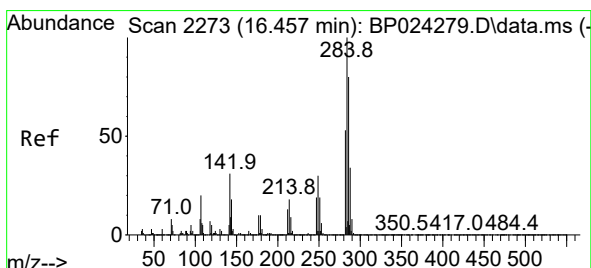
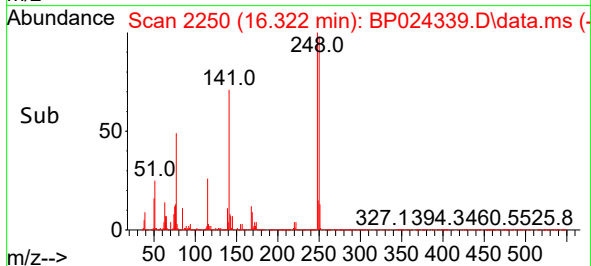
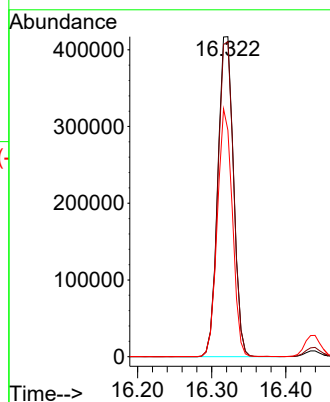
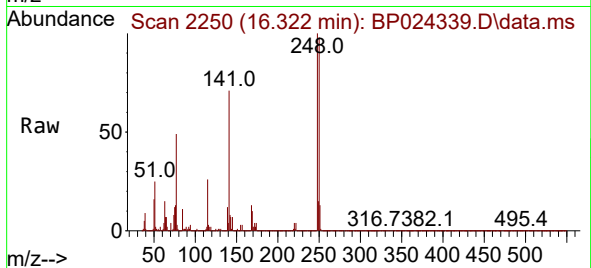




#67
4-Bromophenyl-phenylether
Concen: 48.066 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

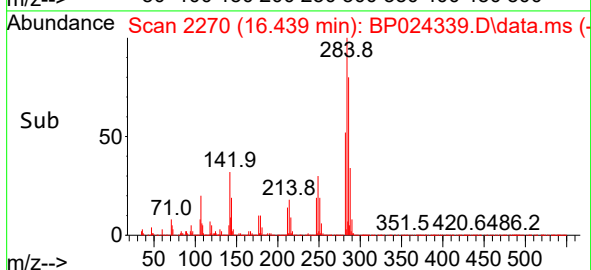
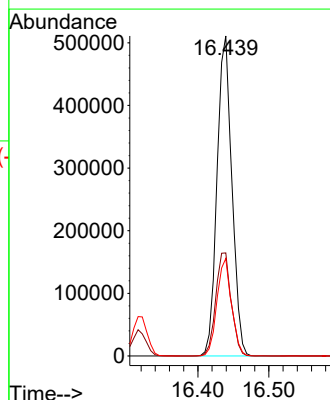
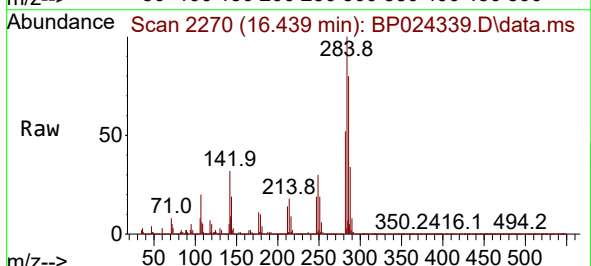
Instrument :
BNA_P
ClientSampleId :
PB167625BS

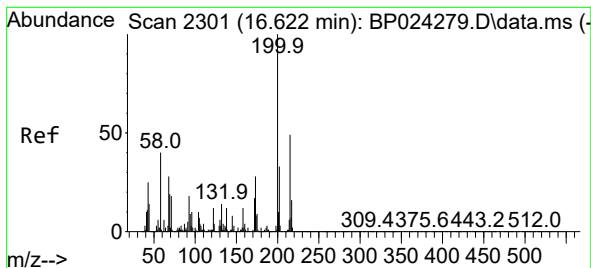
Tgt Ion:248 Resp: 613342
Ion Ratio Lower Upper
248 100
250 98.5 78.2 117.4
141 70.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 48.692 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:284 Resp: 738312
Ion Ratio Lower Upper
284 100
142 32.2 24.6 37.0
249 30.4 23.8 35.6





#69

Atrazine

Concen: 62.879 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

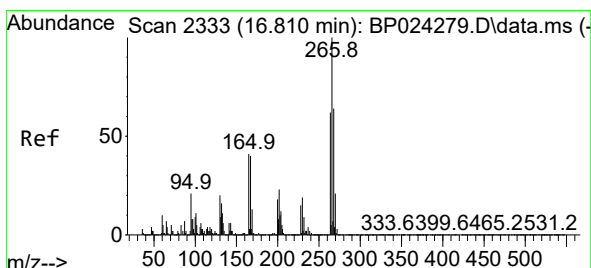
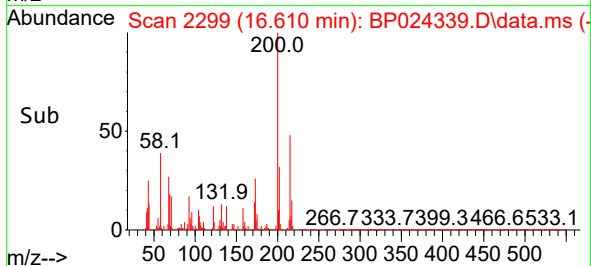
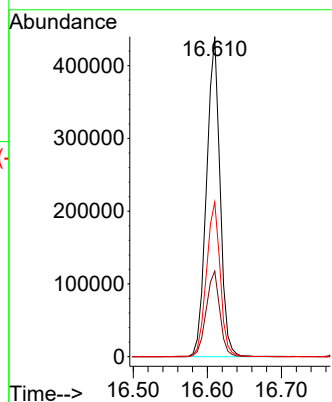
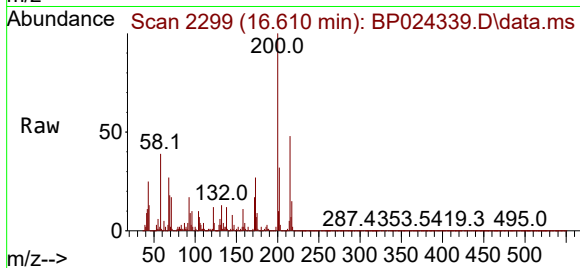
Tgt Ion:200 Resp: 557700

Ion Ratio Lower Upper

200 100

173 26.8 7.5 47.5

215 48.3 28.8 68.8



#70

Pentachlorophenol

Concen: 94.298 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

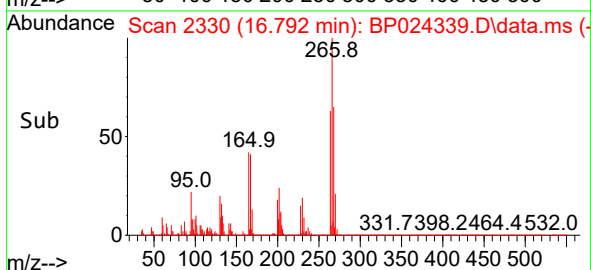
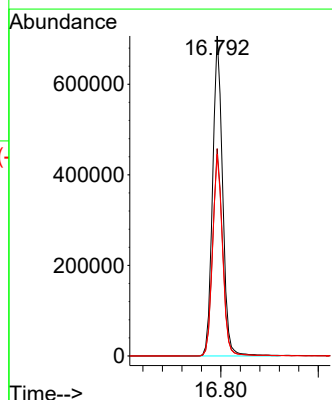
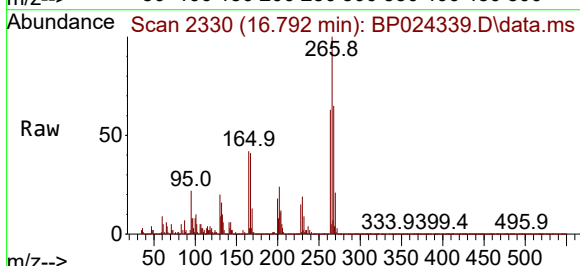
Tgt Ion:266 Resp: 997488

Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.6

264 63.1 49.8 74.6





#71

Phenanthrene

Concen: 45.088 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

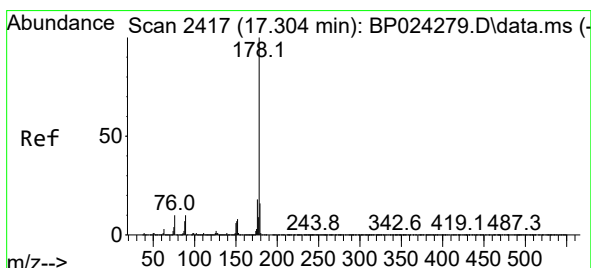
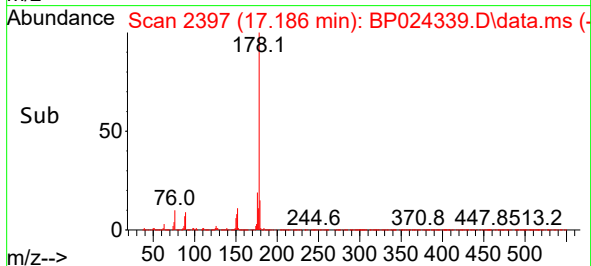
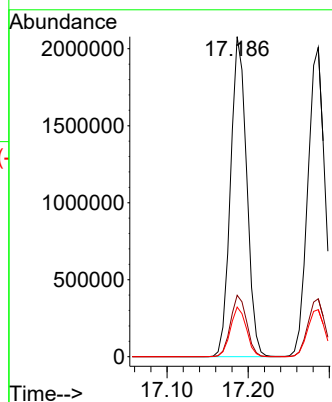
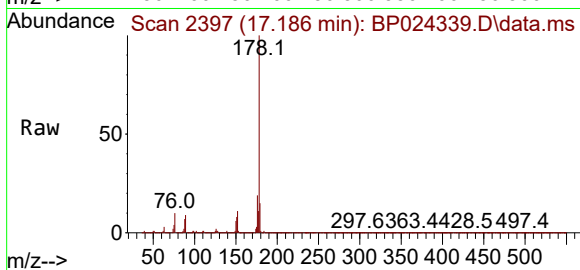
Tgt Ion:178 Resp: 2869809

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 48.070 ng

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

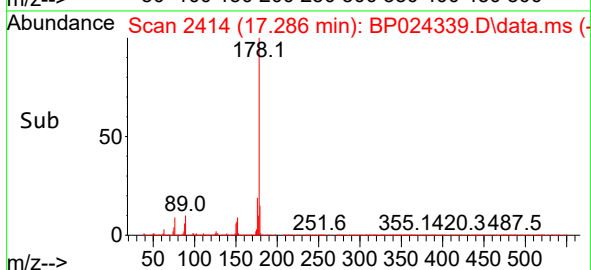
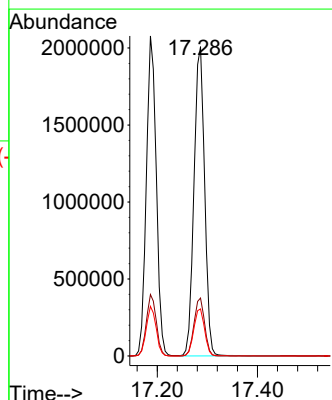
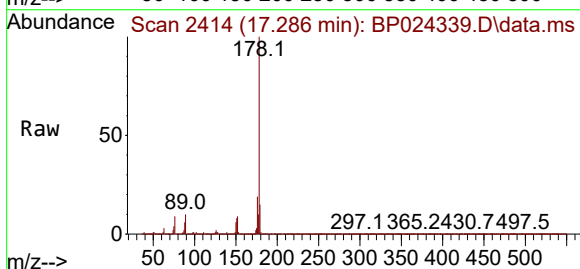
Tgt Ion:178 Resp: 2948832

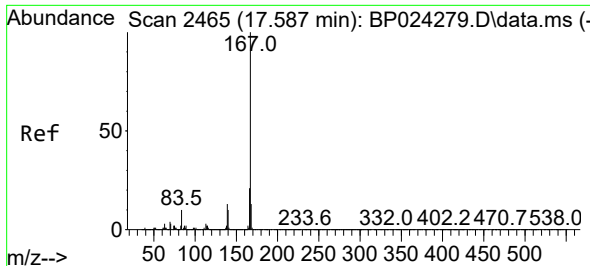
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.2 12.4 18.6

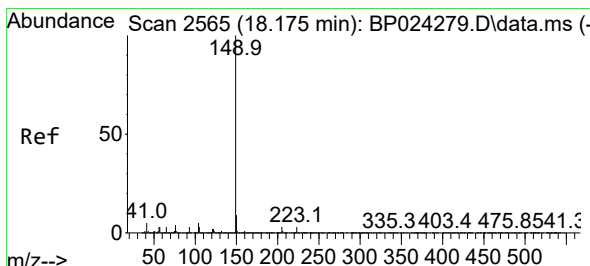
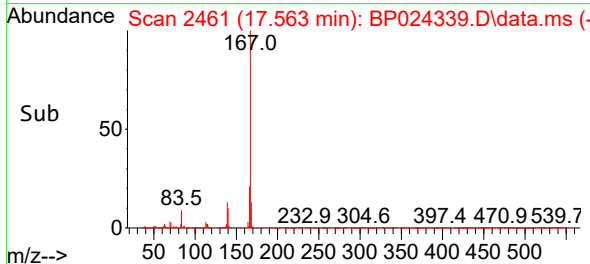
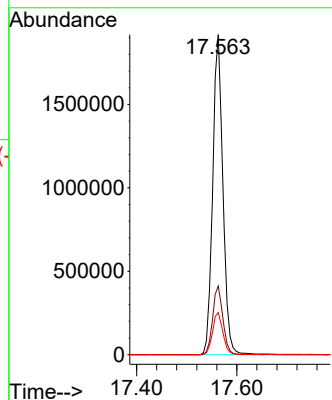
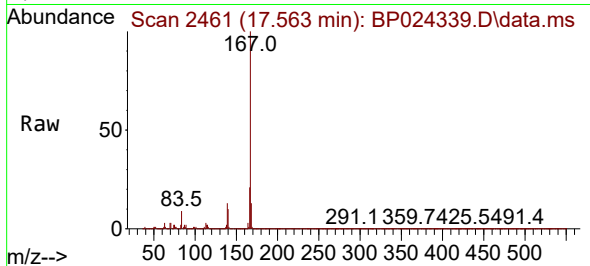




#73
Carbazole
Concen: 45.246 ng
RT: 17.563 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

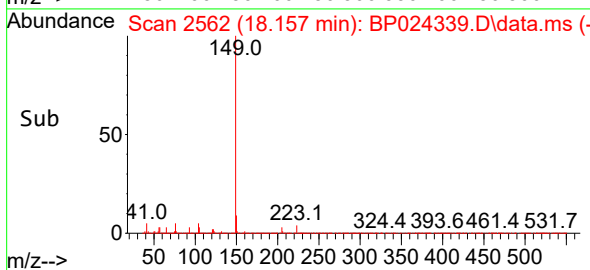
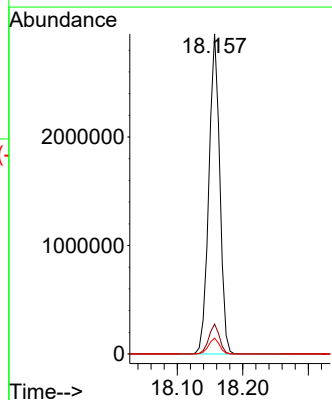
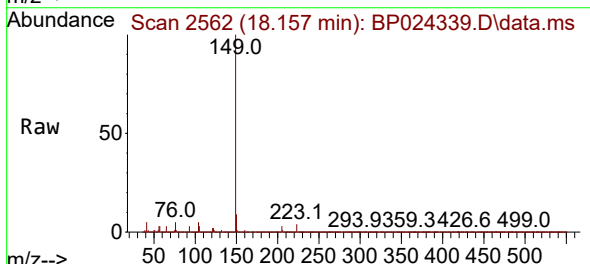
Instrument :
BNA_P
ClientSampleId :
PB167625BS

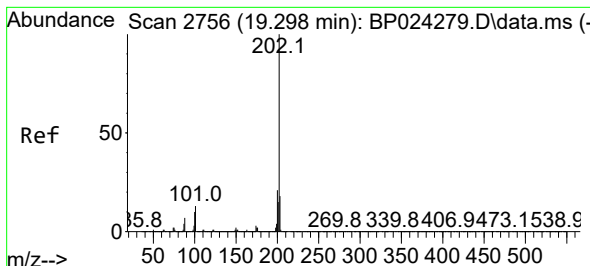
Tgt Ion:167 Resp: 2711947
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 13.2 10.6 16.0



#74
Di-n-butylphthalate
Concen: 45.711 ng
RT: 18.157 min Scan# 2562
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:149 Resp: 3413441
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.0 3.9 5.9

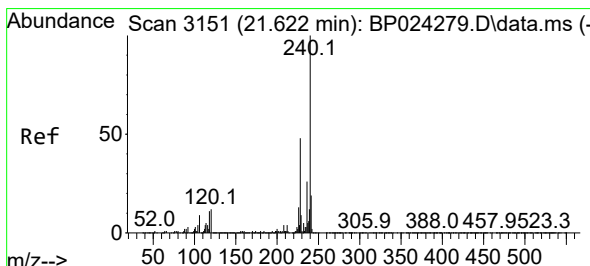
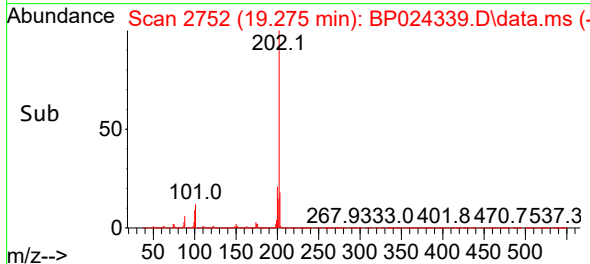
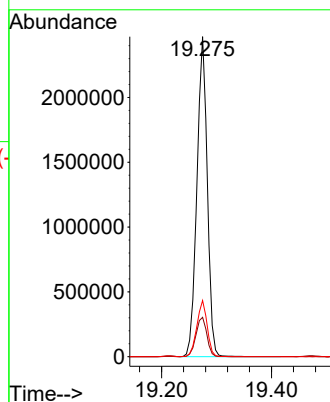
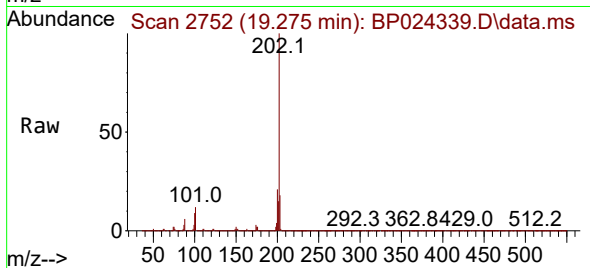




#75
Fluoranthene
Concen: 42.701 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

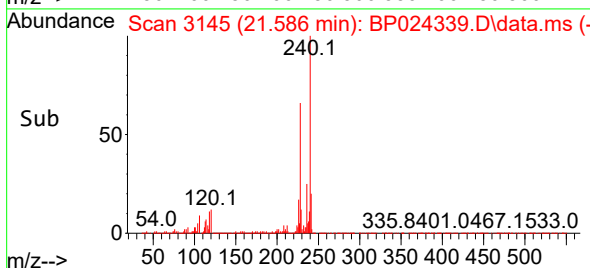
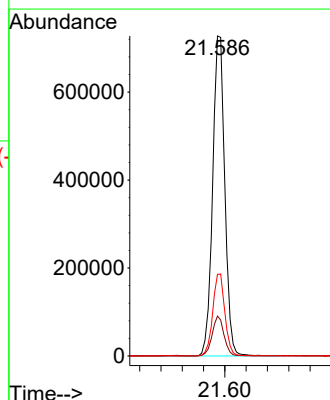
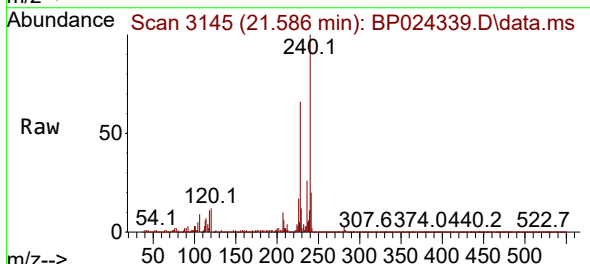
Instrument :
BNA_P
ClientSampleId :
PB167625BS

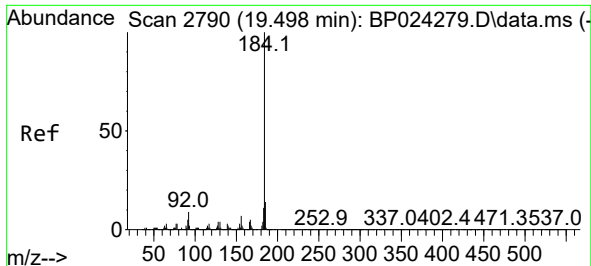
Tgt Ion:202 Resp: 3232449
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:240 Resp: 1153642
Ion Ratio Lower Upper
240 100
120 12.5 9.8 14.8
236 25.5 20.9 31.3

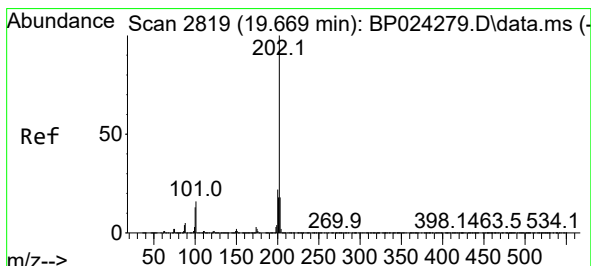
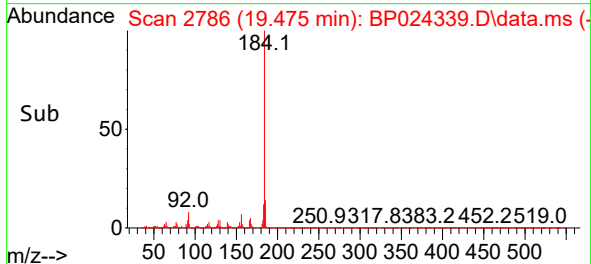
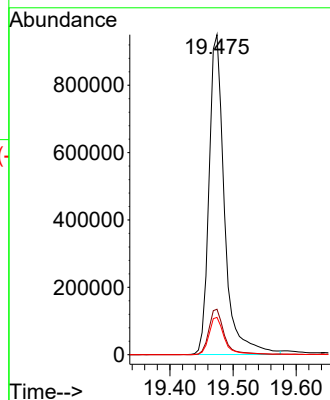
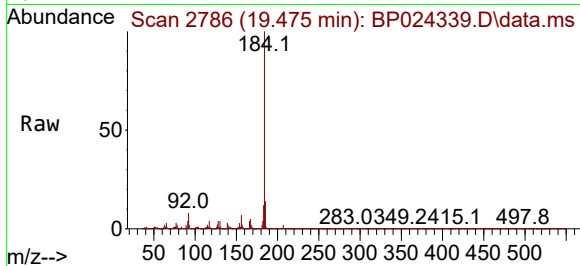




#77
Benzidine
Concen: 110.930 ng
RT: 19.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

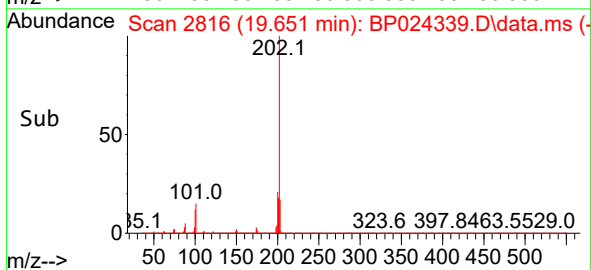
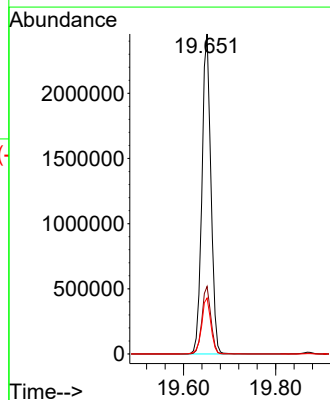
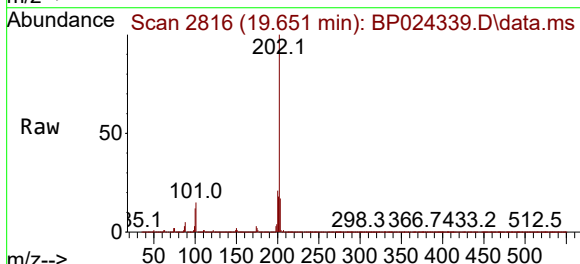
Instrument :
BNA_P
ClientSampleId :
PB167625BS

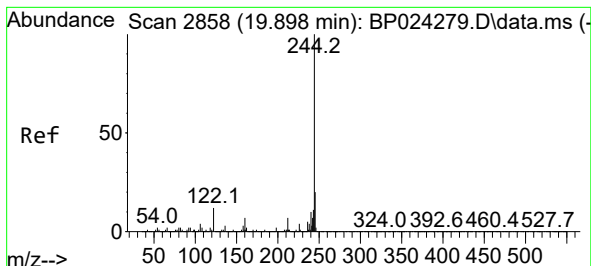
Tgt Ion:184 Resp: 1622177
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.7 9.2 13.8



#78
Pyrene
Concen: 45.372 ng
RT: 19.651 min Scan# 2816
Delta R.T. 0.000 min
Lab File: BP024339.D
Acq: 18 Apr 2025 12:35

Tgt Ion:202 Resp: 3326485
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 89.490 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

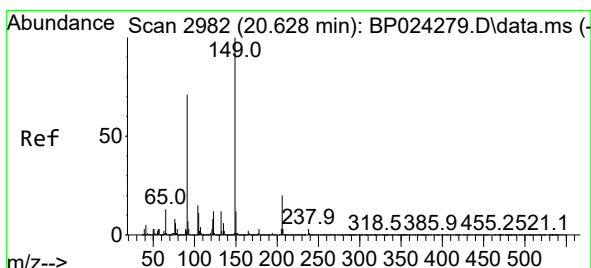
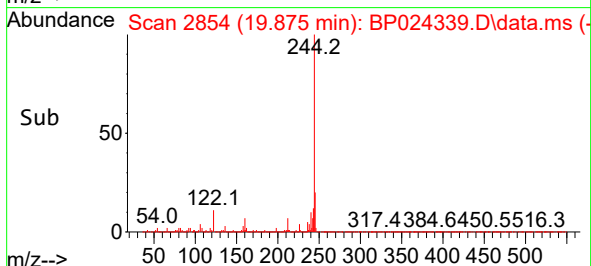
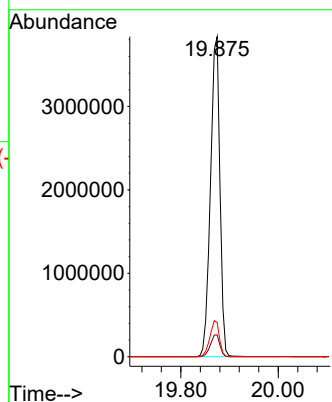
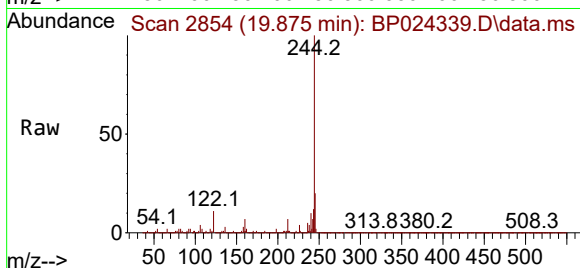
Tgt Ion:244 Resp: 5121941

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.7 9.4 14.0



#80

Butylbenzylphthalate

Concen: 48.752 ng

RT: 20.604 min Scan# 2978

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

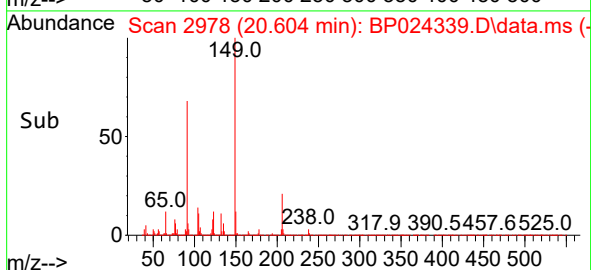
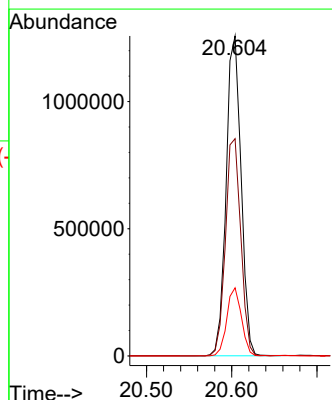
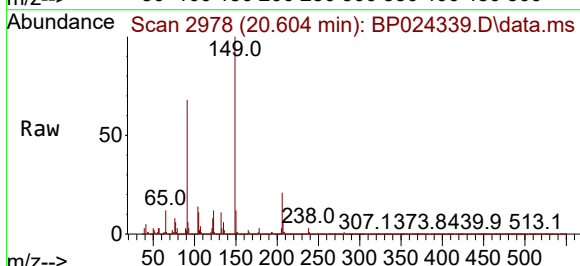
Tgt Ion:149 Resp: 1530954

Ion Ratio Lower Upper

149 100

91 67.9 56.4 84.6

206 21.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.463 ng

RT: 21.569 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

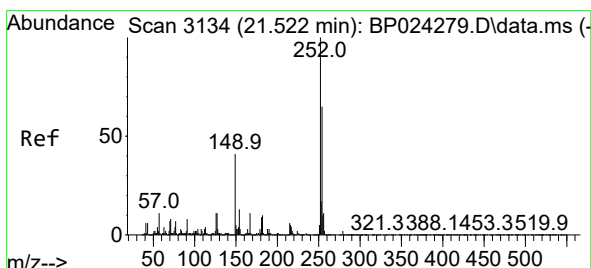
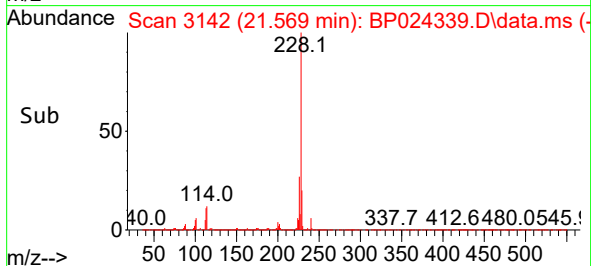
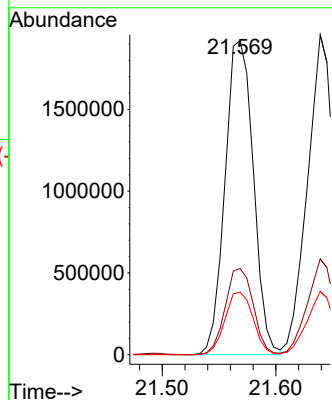
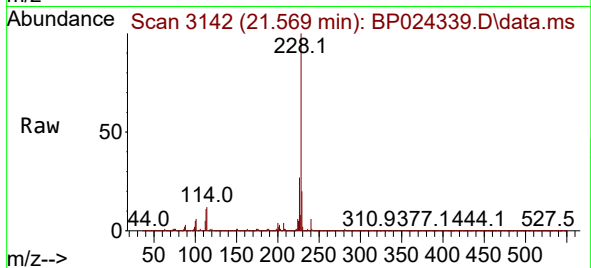
Tgt Ion:228 Resp: 3331673

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 31.353 ng

RT: 21.492 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

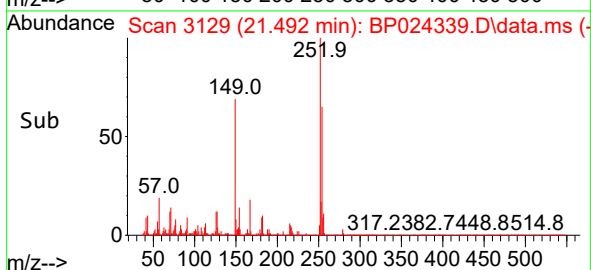
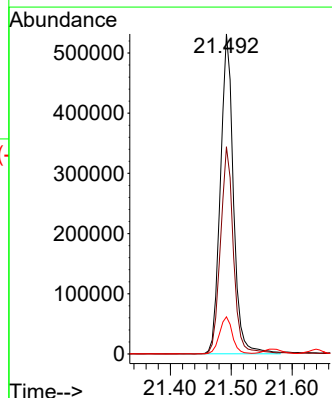
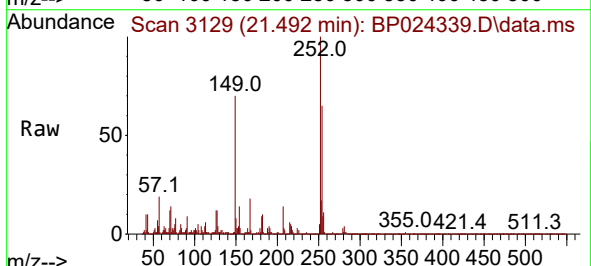
Tgt Ion:252 Resp: 789098

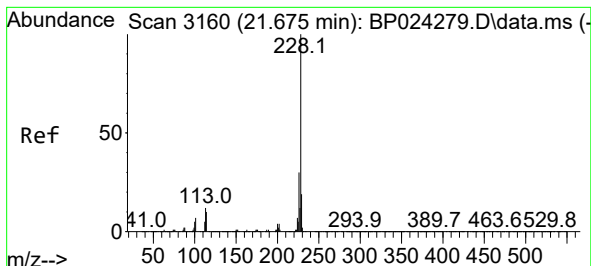
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 11.6 8.8 13.2





#83

Chrysene

Concen: 46.126 ng

RT: 21.639 min Scan# 3160

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

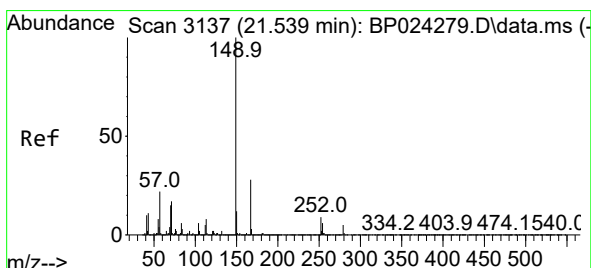
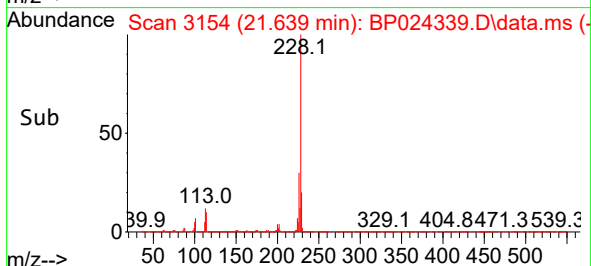
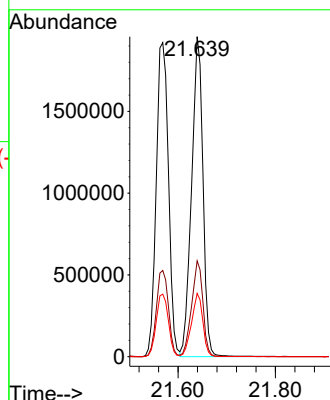
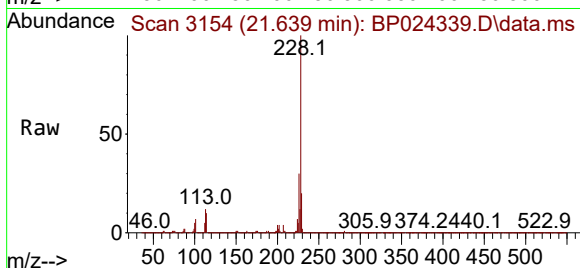
Tgt Ion:228 Resp: 3168712

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.576 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

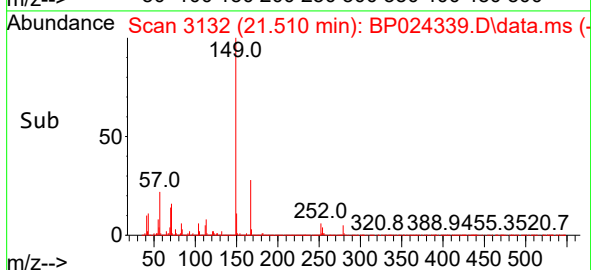
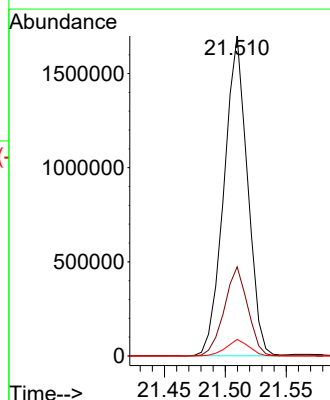
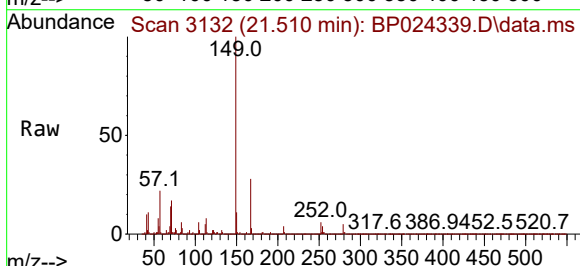
Tgt Ion:149 Resp: 2282241

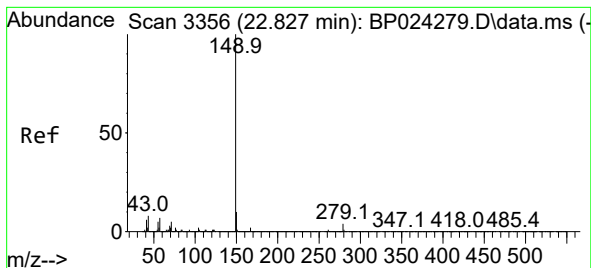
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.102 ng

RT: 22.780 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

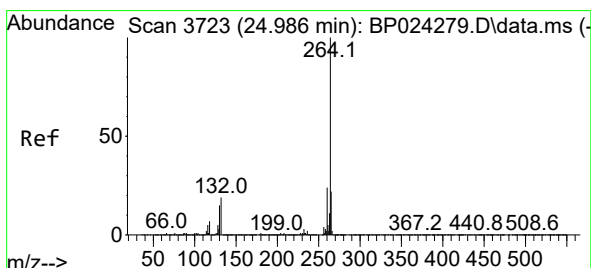
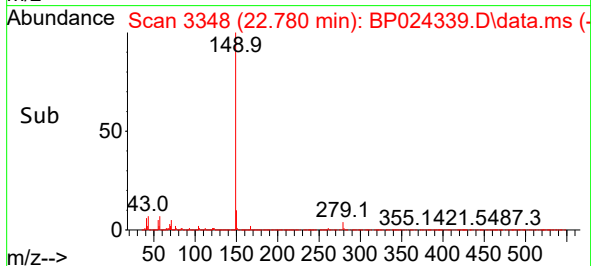
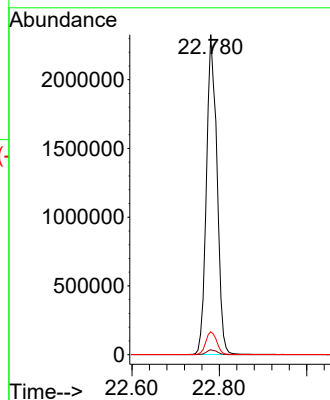
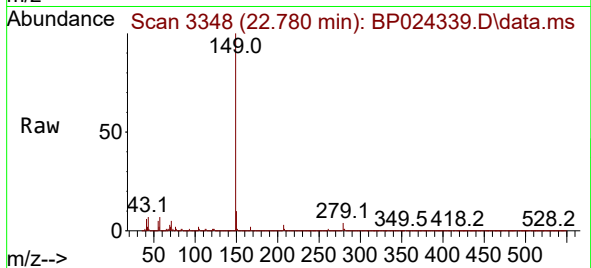
Tgt Ion:149 Resp: 3899293

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.4 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

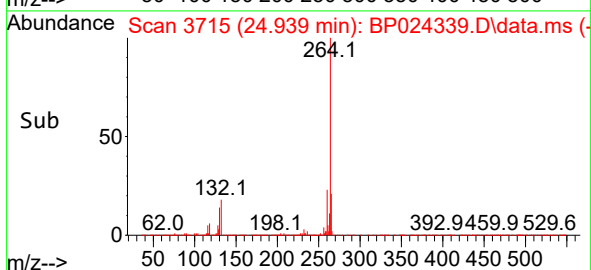
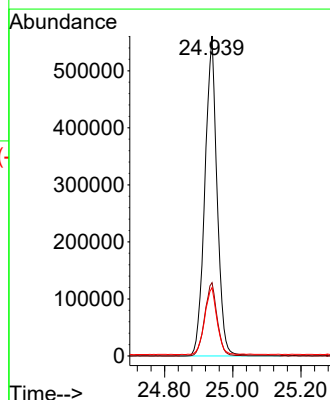
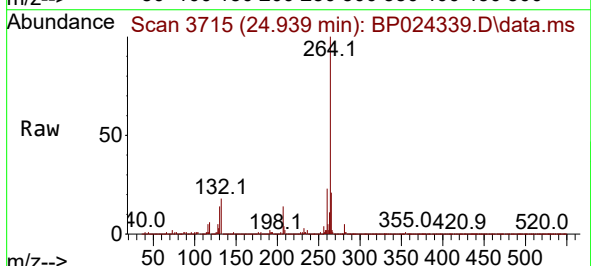
Tgt Ion:264 Resp: 1393018

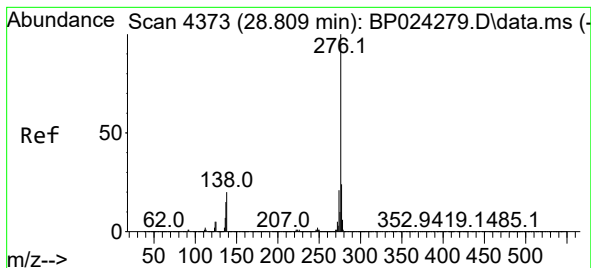
Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 21.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.331 ng

RT: 28.715 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

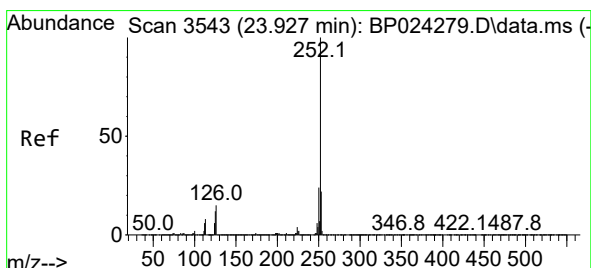
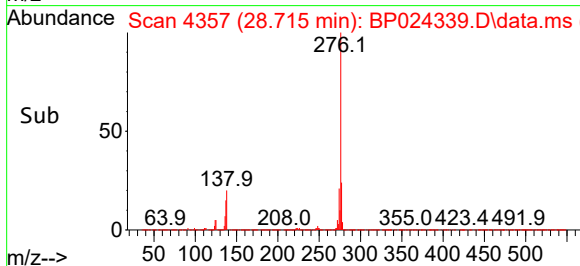
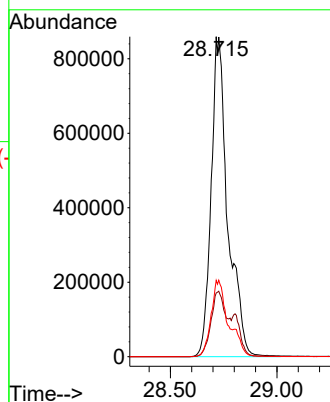
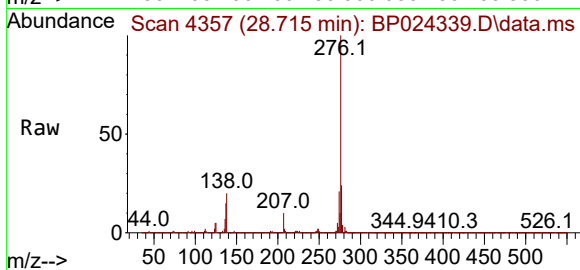
Tgt Ion:276 Resp: 4674044

Ion Ratio Lower Upper

276 100

138 19.2 14.5 21.7

277 21.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.142 ng

RT: 23.874 min Scan# 3534

Delta R.T. -0.012 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

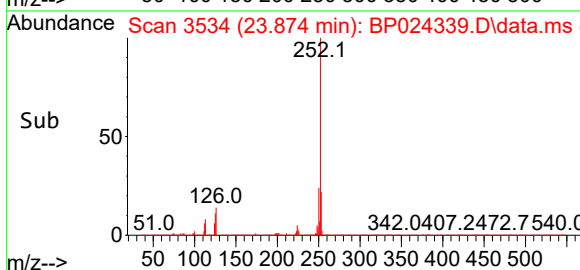
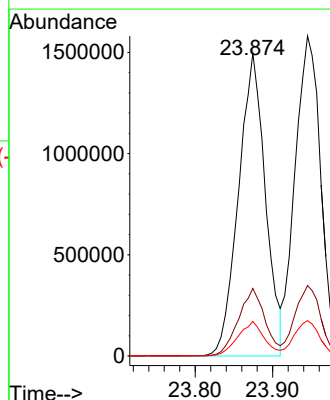
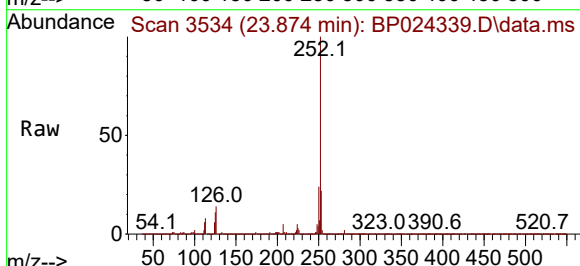
Tgt Ion:252 Resp: 3602298

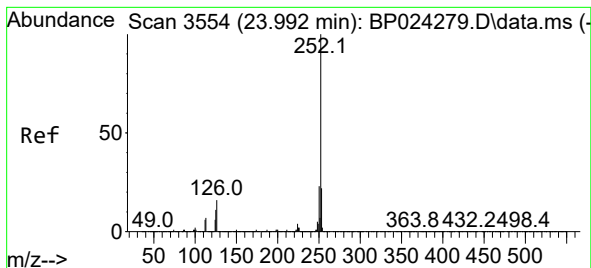
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.4 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 45.233 ng

RT: 23.945 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

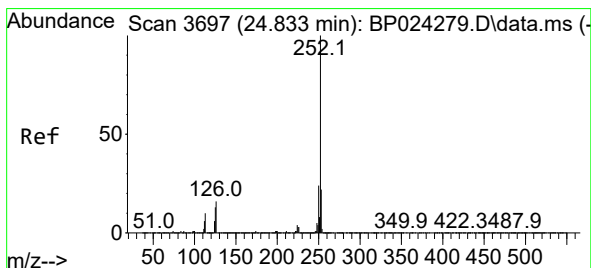
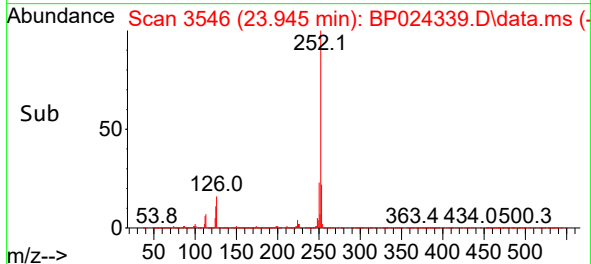
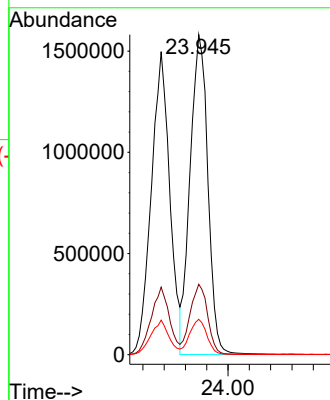
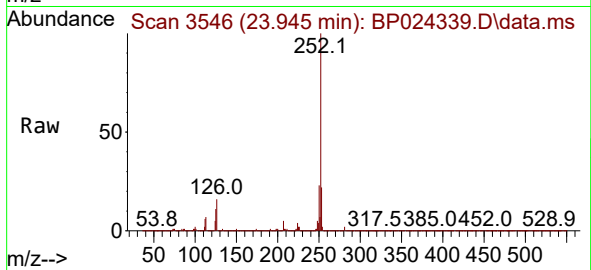
Tgt Ion:252 Resp: 3648268

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.0 9.1 13.7



#90

Benzo(a)pyrene

Concen: 49.215 ng

RT: 24.780 min Scan# 3688

Delta R.T. 0.000 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

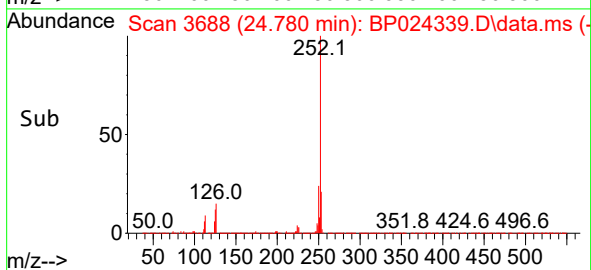
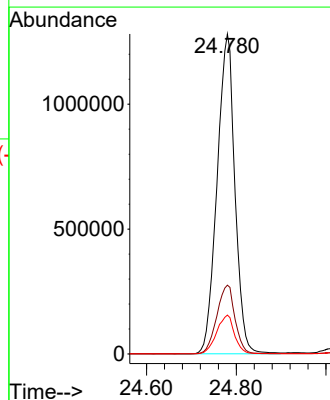
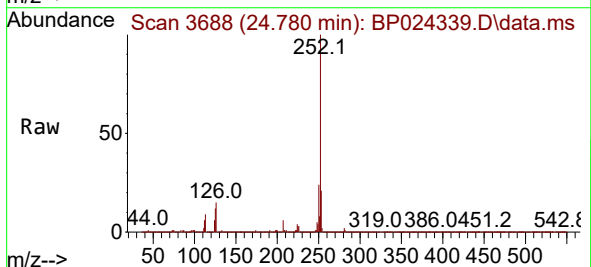
Tgt Ion:252 Resp: 3544769

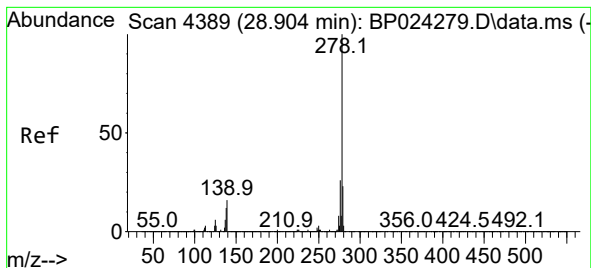
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 12.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.665 ng

RT: 28.809 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167625BS

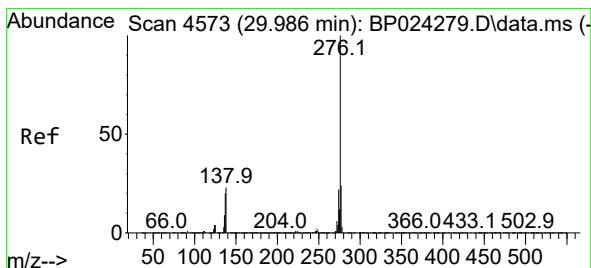
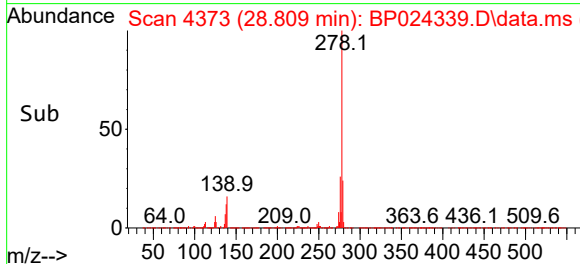
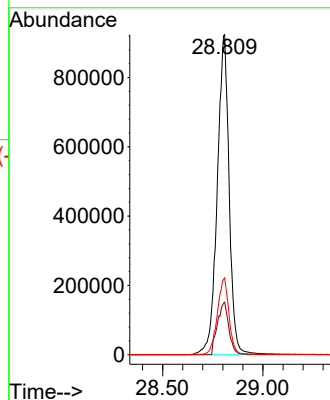
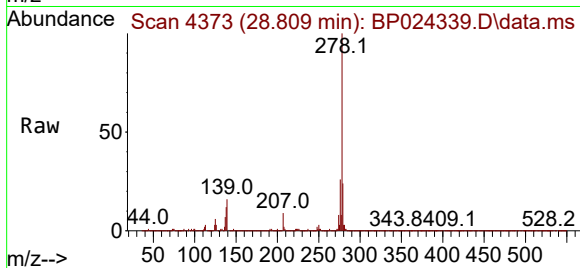
Tgt Ion:278 Resp: 3826153

Ion Ratio Lower Upper

278 100

139 16.4 12.6 19.0

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 45.808 ng

RT: 29.903 min Scan# 4559

Delta R.T. 0.006 min

Lab File: BP024339.D

Acq: 18 Apr 2025 12:35

Tgt Ion:276 Resp: 3742703

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.2 18.7 28.1

