

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024587.D
 Acq On : 09 May 2025 12:19
 Operator : RC/JU
 Sample : PB167919BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167919BS

Quant Time: May 09 13:23:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	149875	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	587105	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	364359	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	698207	20.000	ng	# 0.02
76) Chrysene-d12	21.574	240	780819	20.000	ng	# 0.00
86) Perylene-d12	24.898	264	872351	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1166374	128.677	ng	0.00
7) Phenol-d6	6.893	99	1414118	113.935	ng	0.00
23) Nitrobenzene-d5	8.852	82	881766	85.639	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	795369	157.777	ng	0.02
45) 2-Fluorobiphenyl	12.945	172	2081701	87.477	ng	0.00
79) Terphenyl-d14	19.863	244	3505964	90.504	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	139753	36.451	ng	# 93
3) Pyridine	3.664	79	344802	34.058	ng	# 90
4) n-Nitrosodimethylamine	3.575	42	168256	50.077	ng	# 70
6) Aniline	7.040	93	443434	39.982	ng	97
8) 2-Chlorophenol	7.275	128	452380	44.700	ng	99
9) Benzaldehyde	6.858	77	170684	27.801	ng	98
10) Phenol	6.922	94	517243	41.543	ng	90
11) bis(2-Chloroethyl)ether	7.134	93	385162	38.395	ng	99
12) 1,3-Dichlorobenzene	7.593	146	476405	43.726	ng	99
13) 1,4-Dichlorobenzene	7.734	146	480939	43.506	ng	99
14) 1,2-Dichlorobenzene	8.046	146	464060	43.474	ng	98
15) Benzyl Alcohol	7.946	79	360472	44.909	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.216	45	444662	41.008	ng	99
17) 2-Methylphenol	8.146	107	363984	45.191	ng	95
18) Hexachloroethane	8.763	117	182975	45.801	ng	97
19) n-Nitroso-di-n-propyla...	8.499	70	294902	38.406	ng	93
20) 3+4-Methylphenols	8.475	107	488912	43.747	ng	98
22) Acetophenone	8.516	105	633004	43.562	ng	# 96
24) Nitrobenzene	8.893	77	445986	43.786	ng	98
25) Isophorone	9.410	82	829621	44.515	ng	97
26) 2-Nitrophenol	9.593	139	238699	47.887	ng	# 92
27) 2,4-Dimethylphenol	9.657	122	410148	65.532	ng	97
28) bis(2-Chloroethoxy)met...	9.887	93	506653	40.243	ng	98
29) 2,4-Dichlorophenol	10.134	162	411411	48.209	ng	99
30) 1,2,4-Trichlorobenzene	10.334	180	427524	46.758	ng	98
31) Naphthalene	10.516	128	1310782	42.384	ng	99
32) Benzoic acid	9.834	122	264340	36.246	ng	98
33) 4-Chloroaniline	10.646	127	308127	28.292	ng	98
34) Hexachlorobutadiene	10.804	225	277350	51.620	ng	100
35) Caprolactam	11.440	113	134736	42.789	ng	96
36) 4-Chloro-3-methylphenol	11.781	107	470361	47.320	ng	99
37) 2-Methylnaphthalene	12.134	142	840391	39.183	ng	96
38) 1-Methylnaphthalene	12.357	142	882786	42.073	ng	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	478602	47.765	ng	98
41) Hexachlorocyclopentadiene	12.487	237	683633	192.911	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	337480	50.659	ng	97

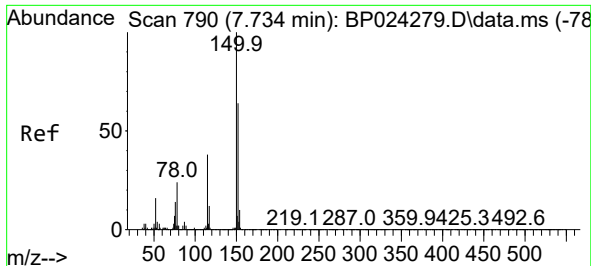
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	368418	49.941	ng	99
46) 1,1'-Biphenyl	13.157	154	1189055	44.397	ng	98
47) 2-Chloronaphthalene	13.204	162	909691	45.447	ng	98
48) 2-Nitroaniline	13.410	65	278775	49.650	ng	97
49) Acenaphthylene	14.051	152	1536390	48.751	ng	99
50) Dimethylphthalate	13.793	163	1207014	45.553	ng	99
51) 2,6-Dinitrotoluene	13.916	165	265171	47.128	ng	91
52) Acenaphthene	14.398	154	872170	43.653	ng	99
53) 3-Nitroaniline	14.251	138	228658	38.667	ng	97
54) 2,4-Dinitrophenol	14.469	184	337224	101.748	ng	89
55) Dibenzofuran	14.745	168	1373299	42.051	ng	95
56) 4-Nitrophenol	14.598	139	453871	88.867	ng	92
57) 2,4-Dinitrotoluene	14.710	165	383023	49.904	ng	95
58) Fluorene	15.404	166	1126983	44.578	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	320667	47.130	ng	97
60) Diethylphthalate	15.181	149	1226527	44.919	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	565828	46.090	ng	97
62) 4-Nitroaniline	15.445	138	285484m	45.603	ng	
63) Azobenzene	15.698	77	1048180	41.765	ng	95
65) 4,6-Dinitro-2-methylph...	15.498	198	217919	49.505	ng	94
66) n-Nitrosodiphenylamine	15.622	169	990873	47.547	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	384681	50.376	ng	99
68) Hexachlorobenzene	16.439	284	474366	52.278	ng	99
69) Atrazine	16.604	200	363348	68.456	ng	98
70) Pentachlorophenol	16.792	266	638678	100.894	ng	99
71) Phenanthrene	17.186	178	1741246	45.715	ng	100
72) Anthracene	17.281	178	1788203	48.712	ng	99
73) Carbazole	17.563	167	1667584	46.491	ng	99
74) Di-n-butylphthalate	18.151	149	2105286	47.111	ng	99
75) Fluoranthene	19.269	202	2080078	45.917	ng	97
77) Benzidine	19.469	184	1103493	111.492	ng	99
78) Pyrene	19.645	202	2125316	42.830	ng	99
80) Butylbenzylphthalate	20.592	149	980831	46.147	ng	95
81) Benzo(a)anthracene	21.551	228	2206484	45.464	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	581254	34.122	ng	99
83) Chrysene	21.622	228	2078504	44.702	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	1415629	45.434	ng	99
85) Di-n-octyl phthalate	22.751	149	2370198	46.792	ng	100
87) Indeno(1,2,3-cd)pyrene	28.656	276	2976994	49.156	ng	97
88) Benzo(b)fluoranthene	23.845	252	2335012	44.655	ng	# 96
89) Benzo(k)fluoranthene	23.910	252	2302361	45.583	ng	# 97
90) Benzo(a)pyrene	24.745	252	2210642	49.011	ng	98
91) Dibenzo(a,h)anthracene	28.733	278	2446246	48.664	ng	# 96
92) Benzo(g,h,i)perylene	29.821	276	2383662	46.587	ng	# 94

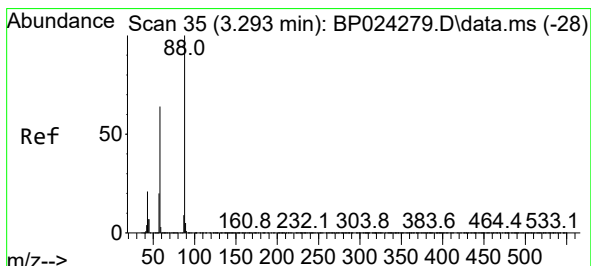
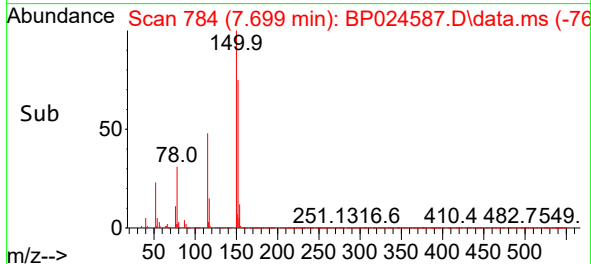
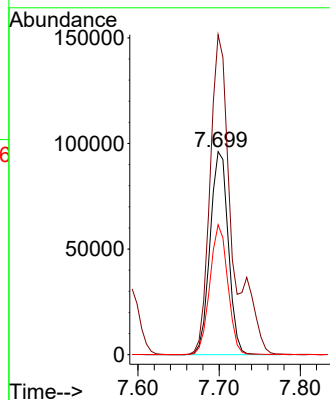
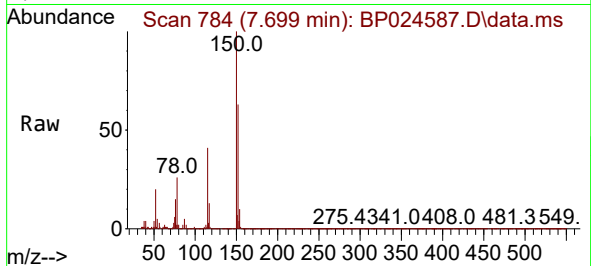
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

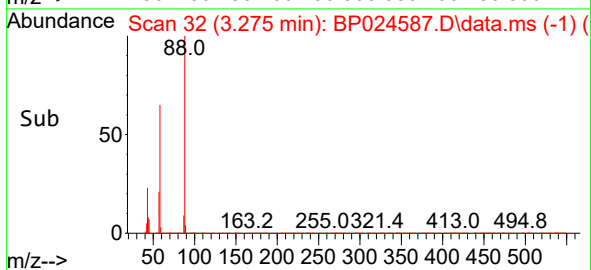
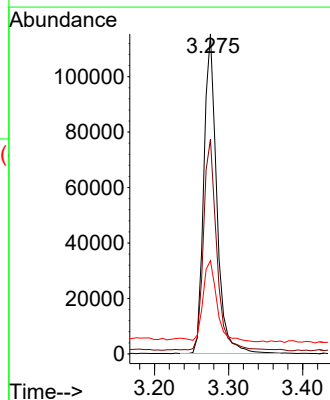
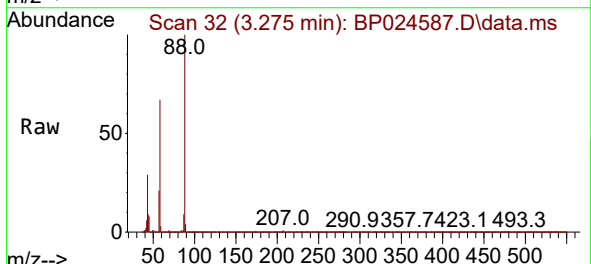
Instrument :
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PB167919BS

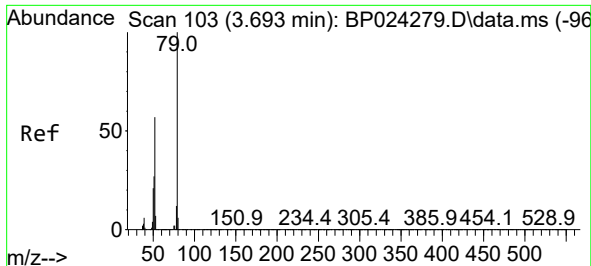
Tgt Ion:152 Resp: 149875
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 64.0 47.7 71.5



#2
1,4-Dioxane
Concen: 36.451 ng
RT: 3.275 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion: 88 Resp: 139753
Ion Ratio Lower Upper
88 100
58 68.5 51.4 77.2
43 26.8 17.1 25.7#

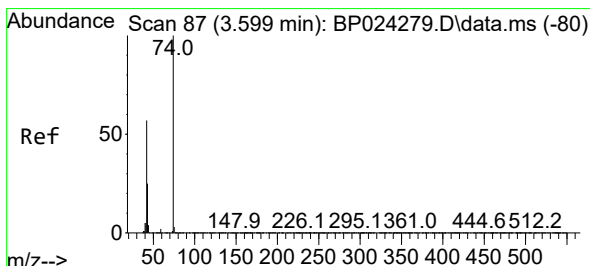
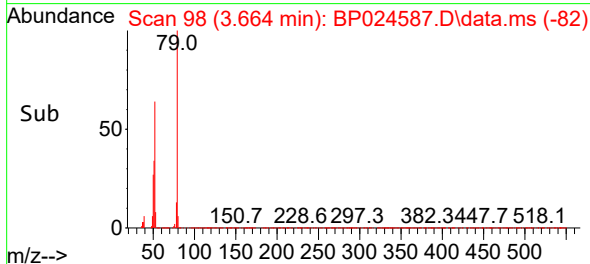
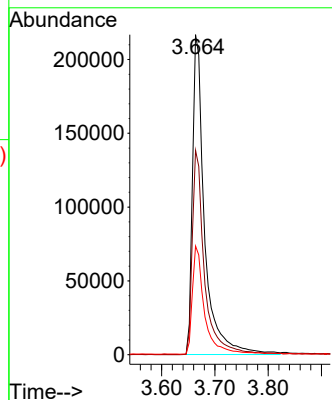
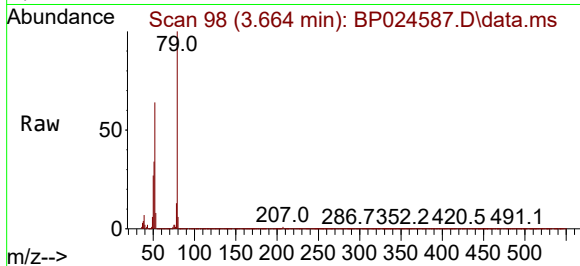




#3
 Pyridine
 Concen: 34.058 ng
 RT: 3.664 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024587.D
 Acq: 09 May 2025 12:19

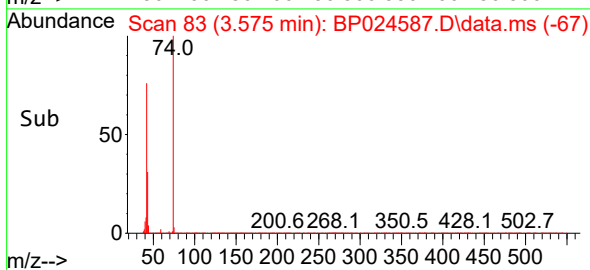
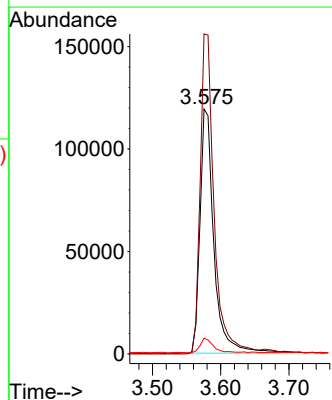
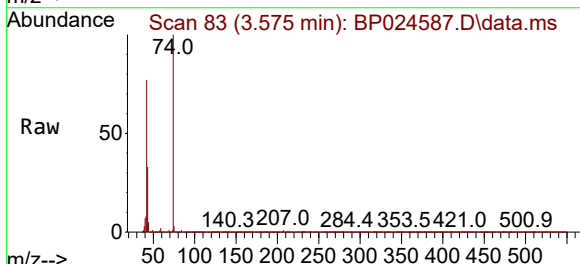
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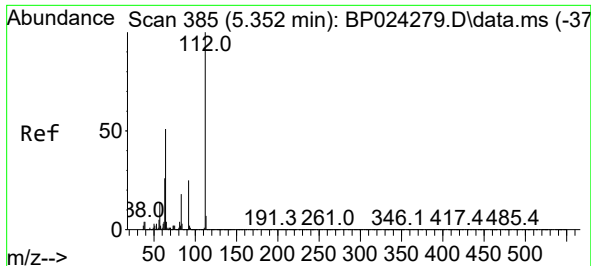
Tgt Ion: 79 Resp: 344802
 Ion Ratio Lower Upper
 79 100
 52 63.9 45.4 68.2
 51 34.0 22.6 33.8#



#4
 n-Nitrosodimethylamine
 Concen: 50.077 ng
 RT: 3.575 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BP024587.D
 Acq: 09 May 2025 12:19

Tgt Ion: 42 Resp: 168256
 Ion Ratio Lower Upper
 42 100
 74 130.6 139.5 209.3#
 44 6.4 5.8 8.8

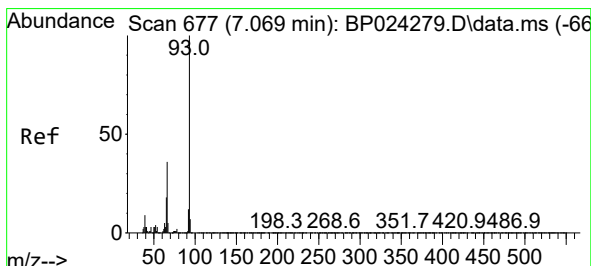
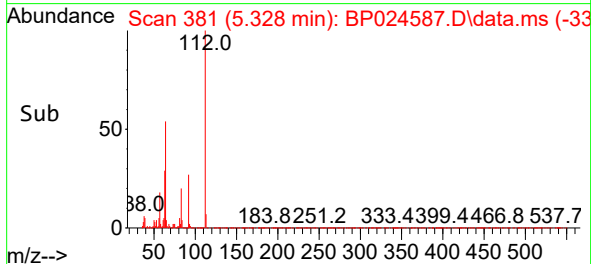
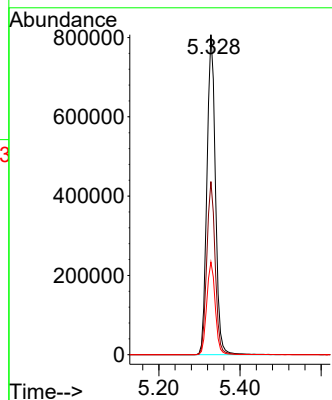
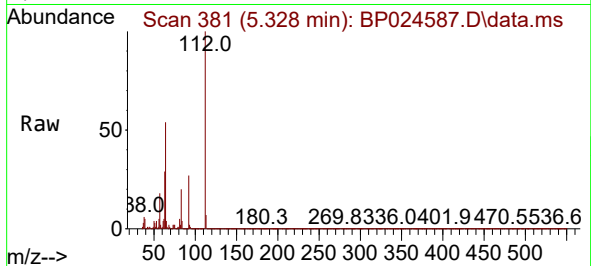




#5
2-Fluorophenol
Concen: 128.677 ng
RT: 5.328 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

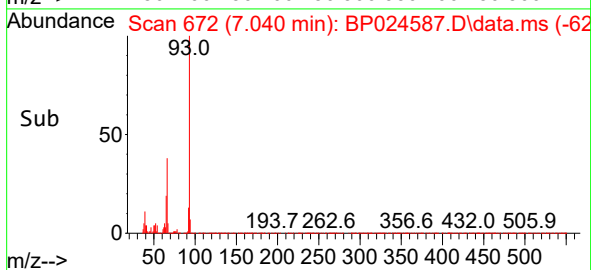
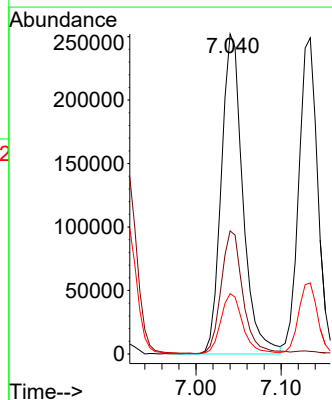
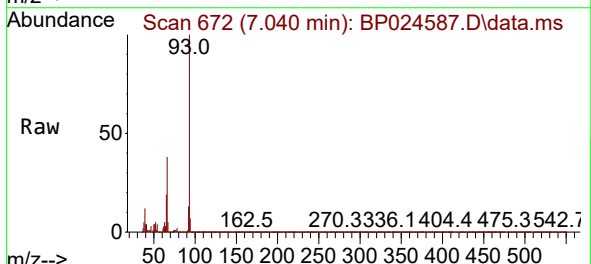
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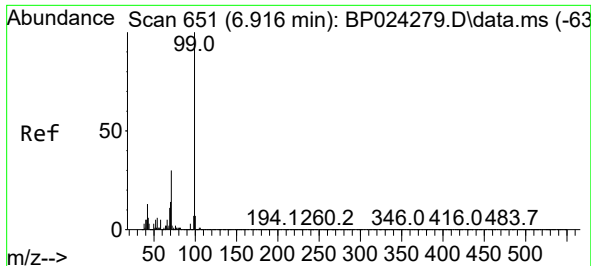
Tgt Ion:112 Resp: 1166374
Ion Ratio Lower Upper
112 100
64 54.1 41.1 61.7
63 28.9 20.6 30.8



#6
Aniline
Concen: 39.982 ng
RT: 7.040 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion: 93 Resp: 443434
Ion Ratio Lower Upper
93 100
66 38.4 29.1 43.7
65 18.8 14.7 22.1

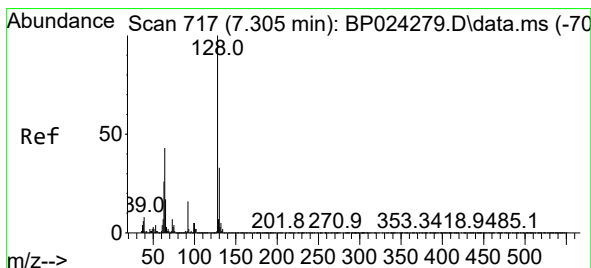
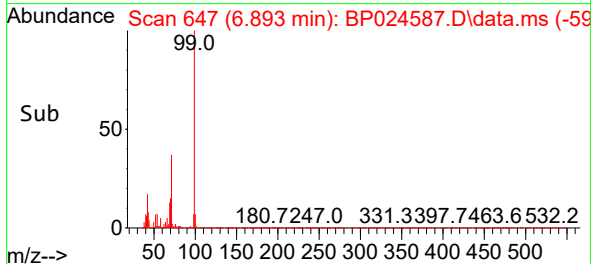
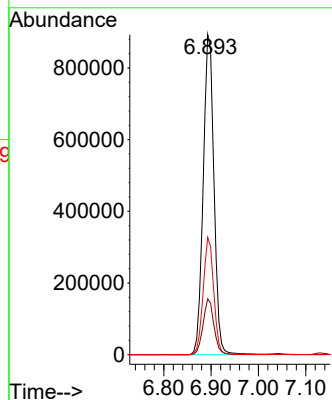
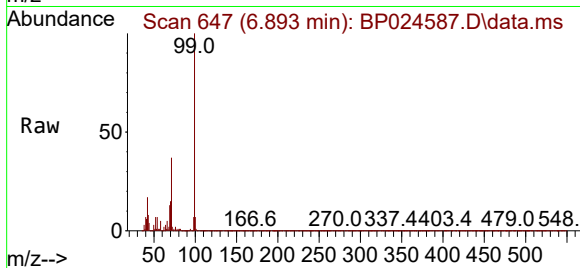




#7
Phenol-d6
Concen: 113.935 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

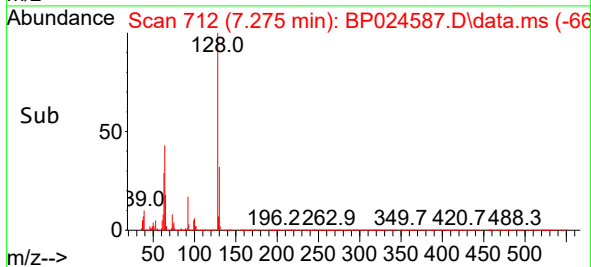
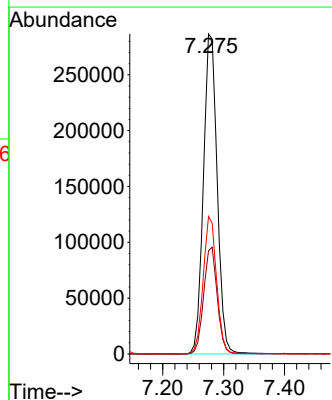
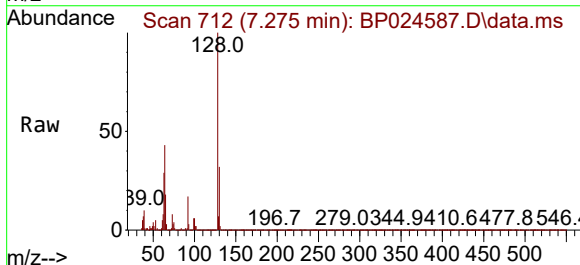
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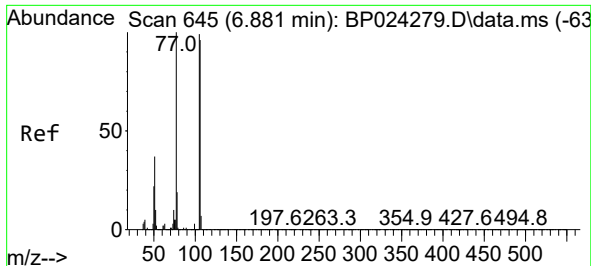
Tgt Ion: 99 Resp: 1414118
Ion Ratio Lower Upper
99 100
42 17.4 10.6 16.0#
71 36.7 23.7 35.5#



#8
2-Chlorophenol
Concen: 44.700 ng
RT: 7.275 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:128 Resp: 452380
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 43.0 22.7 62.7

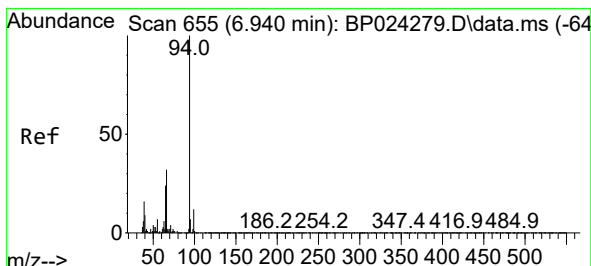
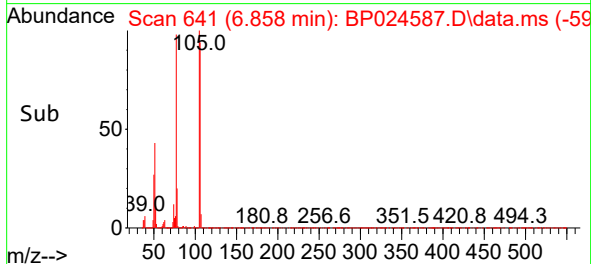
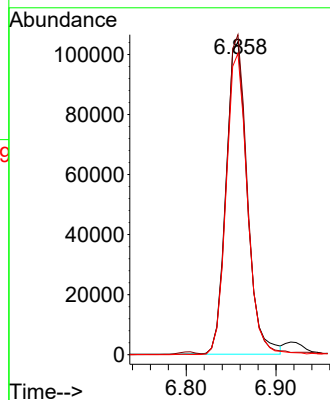
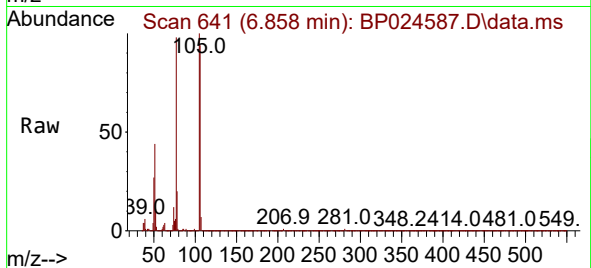




#9
Benzaldehyde
Concen: 27.801 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

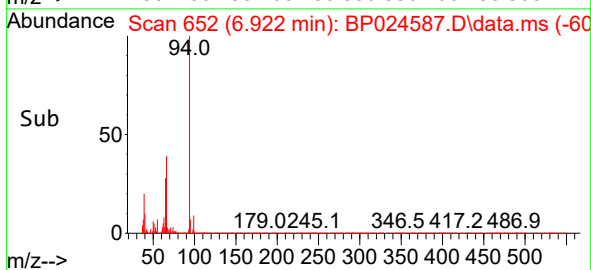
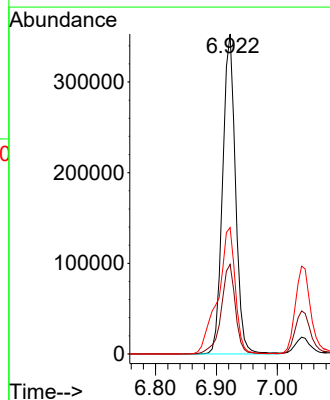
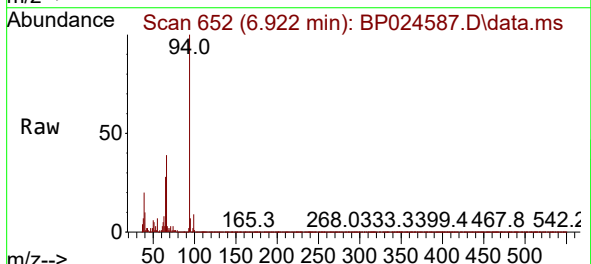
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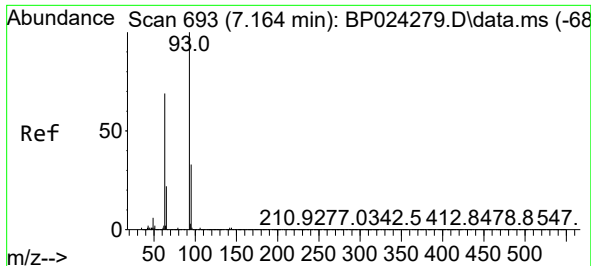
Tgt Ion: 77 Resp: 170684
Ion Ratio Lower Upper
77 100
105 102.3 79.2 119.2
106 96.3 76.2 116.2



#10
Phenol
Concen: 41.543 ng
RT: 6.922 min Scan# 652
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion: 94 Resp: 517243
Ion Ratio Lower Upper
94 100
65 28.0 4.5 44.5
66 39.5 12.4 52.4

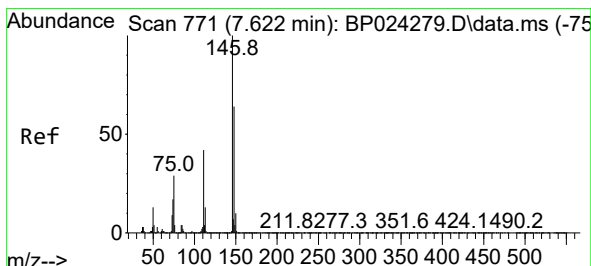
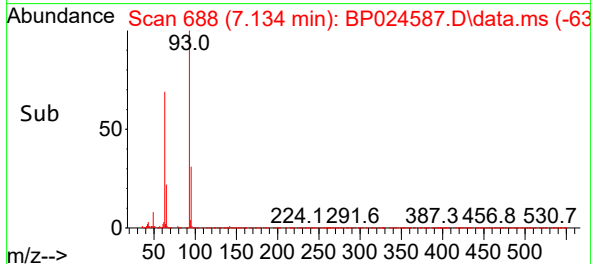
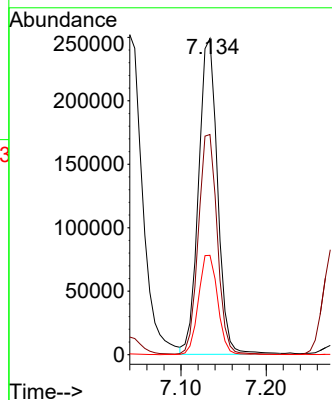
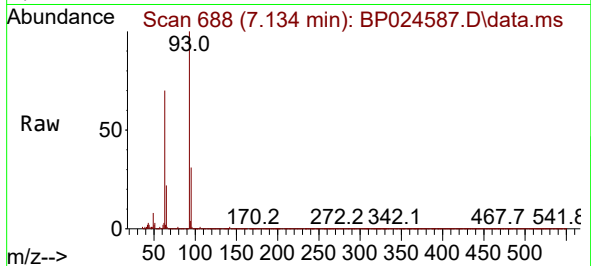




#11
bis(2-Chloroethyl)ether
Concen: 38.395 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

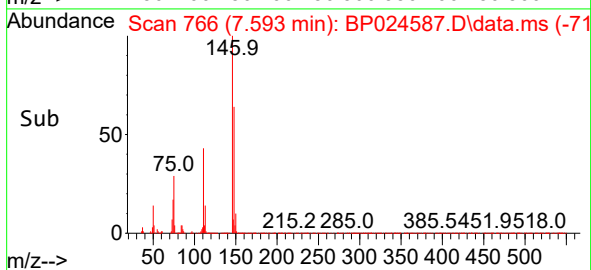
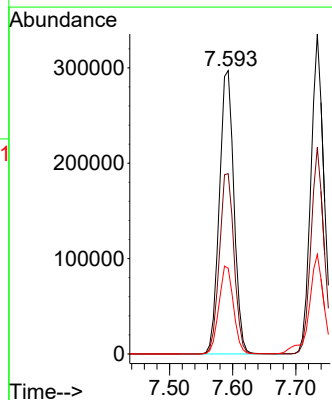
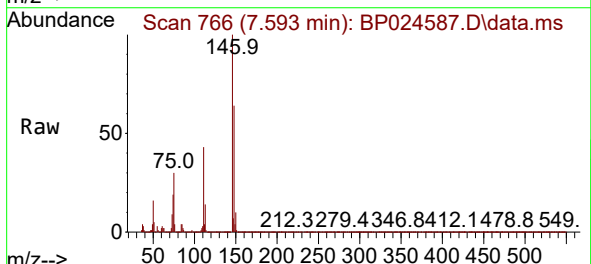
Instrument :
BNA_P
ClientSampleId :
PB167919BS

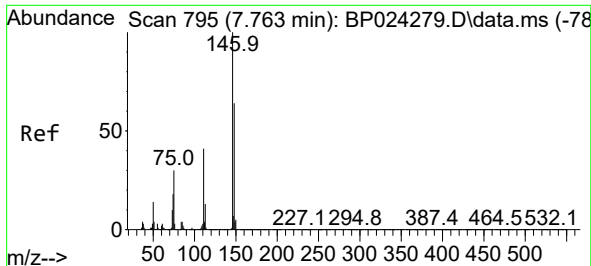
Tgt Ion: 93 Resp: 385162
Ion Ratio Lower Upper
93 100
63 69.7 48.6 88.6
95 31.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.726 ng
RT: 7.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion: 146 Resp: 476405
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
75 30.3 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 43.506 ng

RT: 7.734 min Scan# 795

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

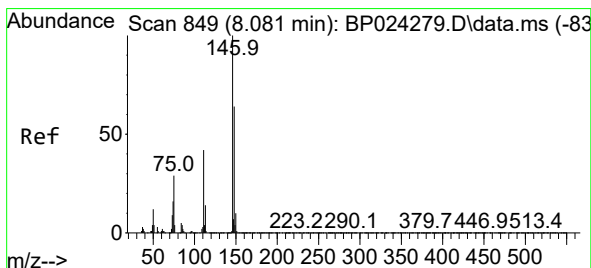
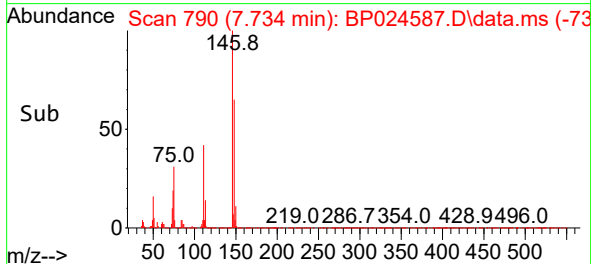
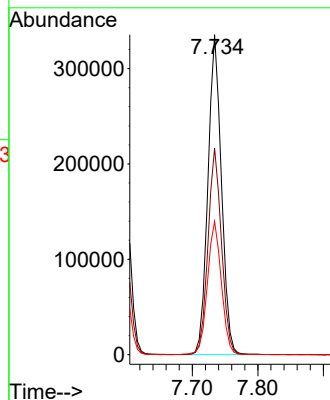
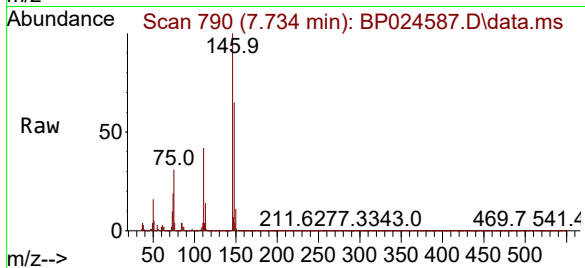
Tgt Ion:146 Resp: 480939

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 41.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 43.474 ng

RT: 8.046 min Scan# 843

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

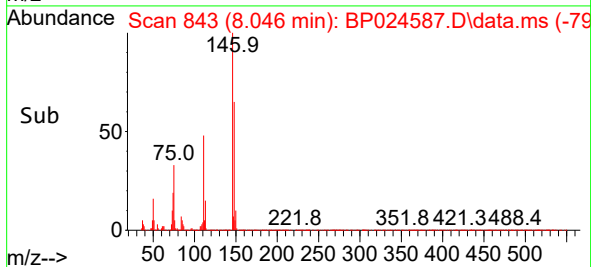
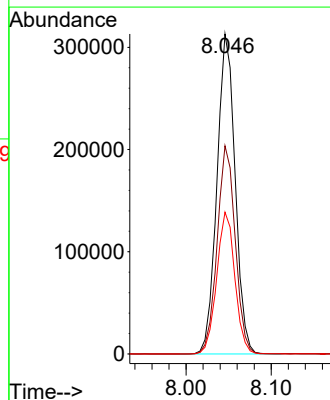
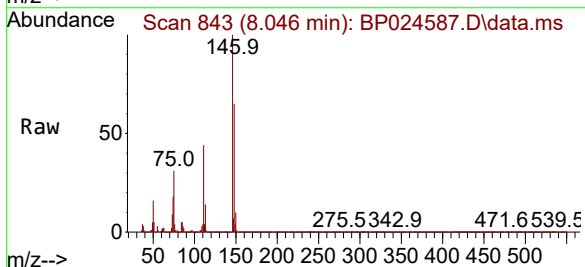
Tgt Ion:146 Resp: 464060

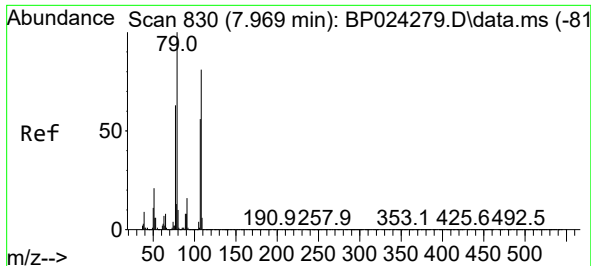
Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.4

111 44.3 33.8 50.8

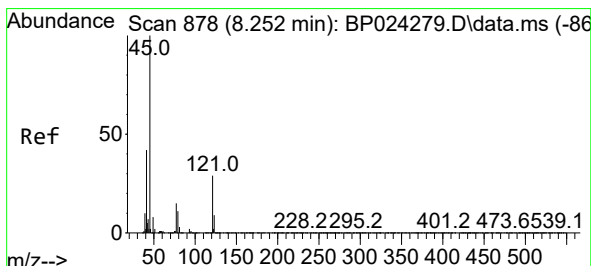
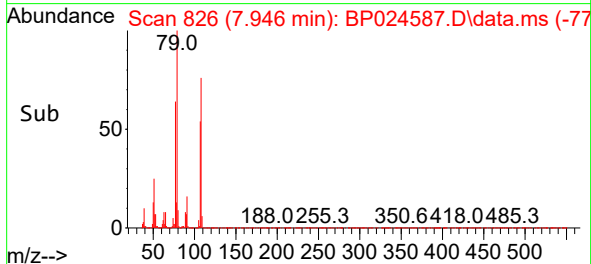
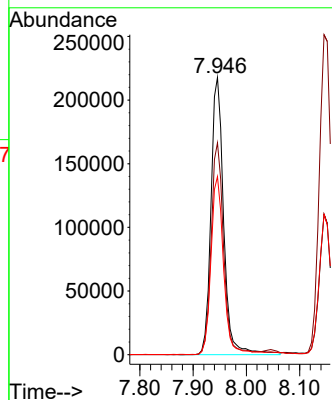
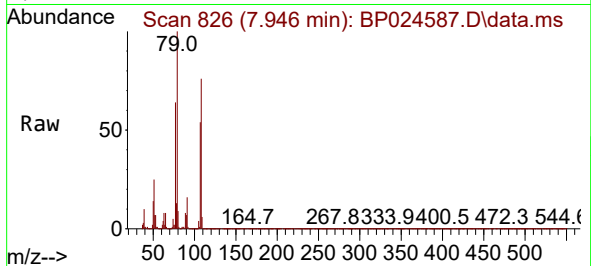




#15
Benzyl Alcohol
Concen: 44.909 ng
RT: 7.946 min Scan# 811
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

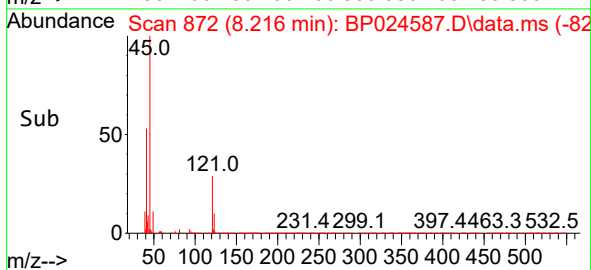
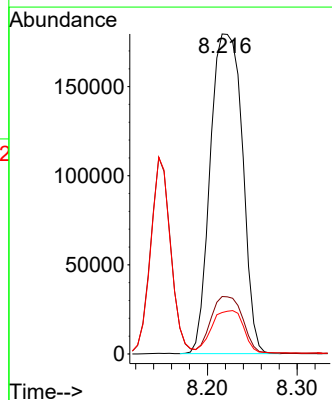
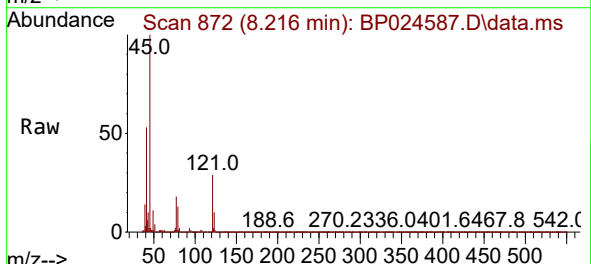
Instrument :
BNA_P
ClientSampleId :
PB167919BS

Tgt Ion: 79 Resp: 360472
Ion Ratio Lower Upper
79 100
108 76.4 65.1 97.7
77 64.3 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.008 ng
RT: 8.216 min Scan# 872
Delta R.T. -0.011 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion: 45 Resp: 444662
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.7
79 12.9 0.0 33.5

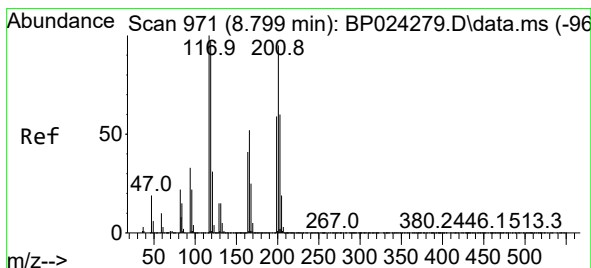
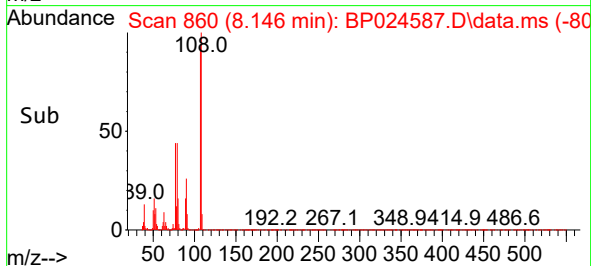
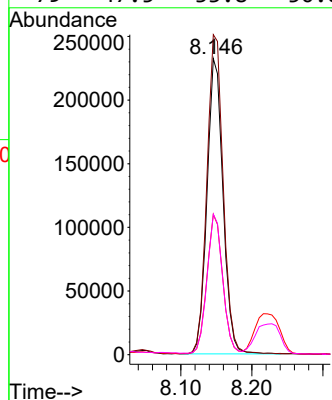
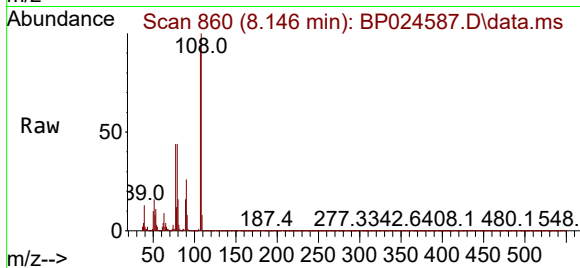




#17
2-Methylphenol
Concen: 45.191 ng
RT: 8.146 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

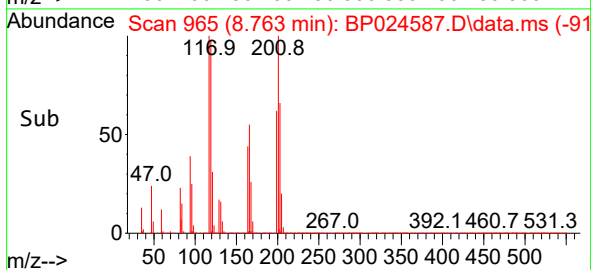
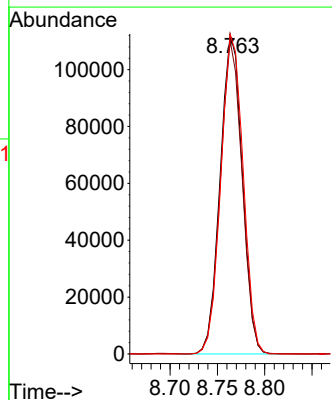
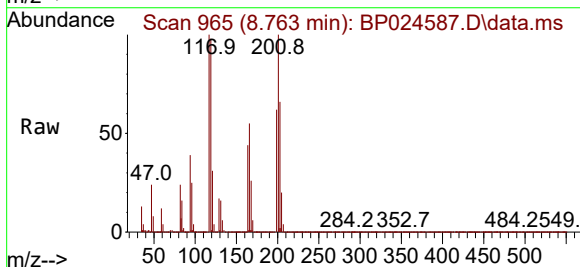
Instrument :
BNA_P
ClientSampleId :
PB167919BS

Tgt Ion:	107	Resp:	363984
Ion	Ratio	Lower	Upper
107	100		
108	108.1	89.8	134.6
77	47.4	34.2	51.4
79	47.5	33.8	50.8



#18
Hexachloroethane
Concen: 45.801 ng
RT: 8.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:	117	Resp:	182975
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.8	116.6
201	99.9	75.9	113.9

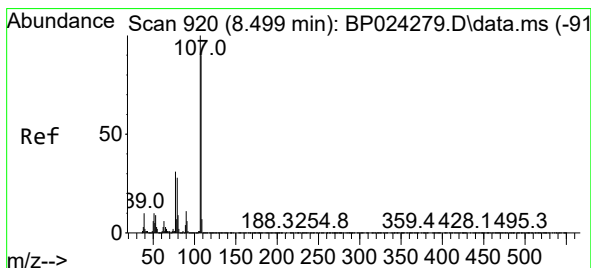
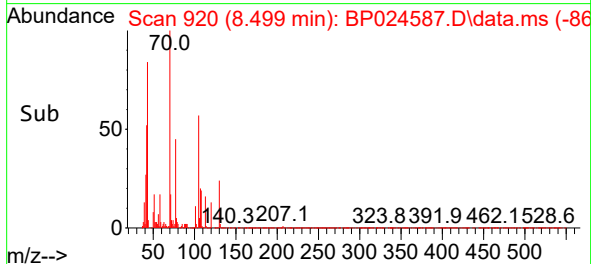
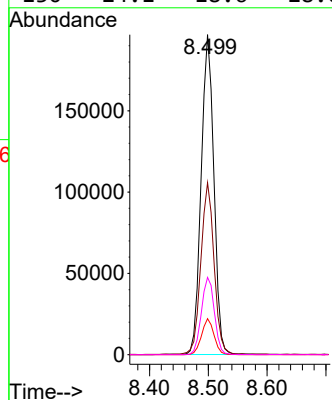
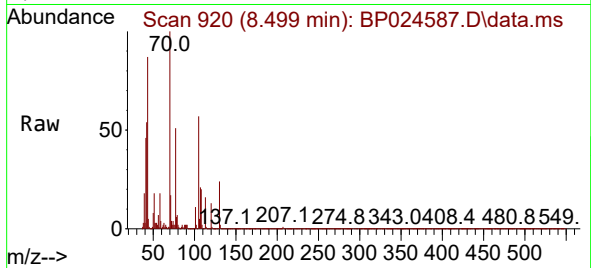




#19
n-Nitroso-di-n-propylamine
Concen: 38.406 ng
RT: 8.499 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

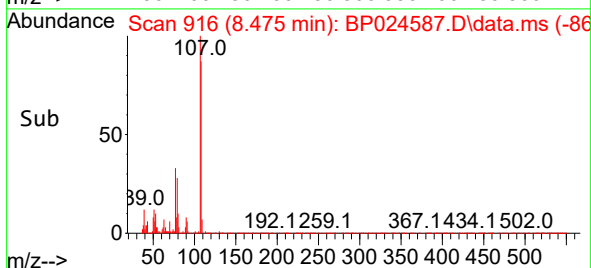
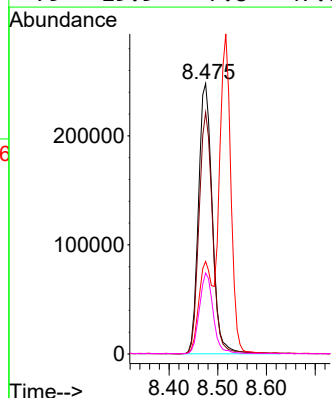
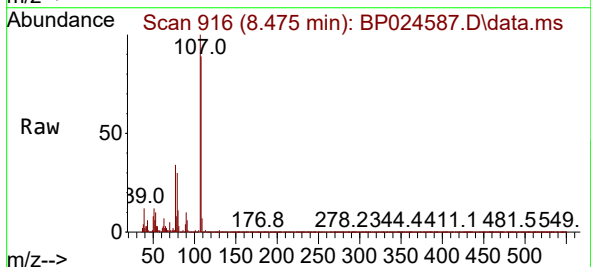
Instrument :
BNA_P
ClientSampleId :
PB167919BS

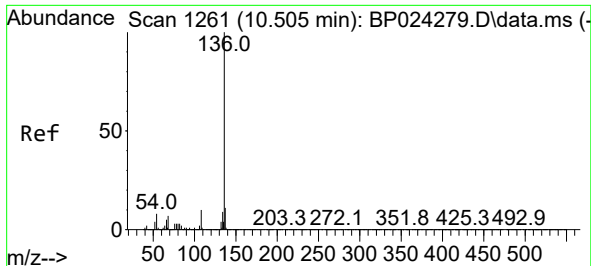
Tgt Ion: 70 Resp: 294902
Ion Ratio Lower Upper
70 100
42 53.7 37.3 55.9
101 11.3 8.2 12.4
130 24.1 18.6 28.0



#20
3+4-Methylphenols
Concen: 43.747 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion: 107 Resp: 488912
Ion Ratio Lower Upper
107 100
108 89.3 69.8 109.8
77 34.2 11.5 51.5
79 29.9 7.8 47.8

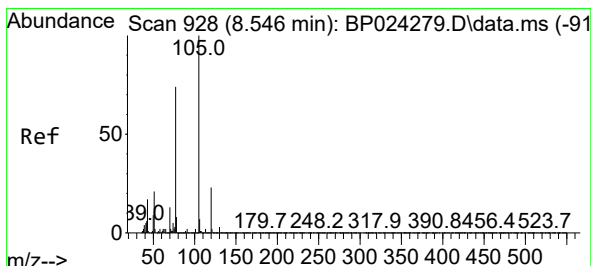
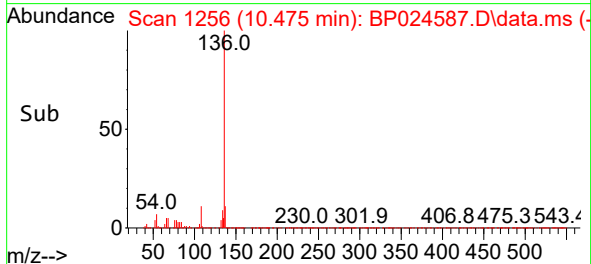
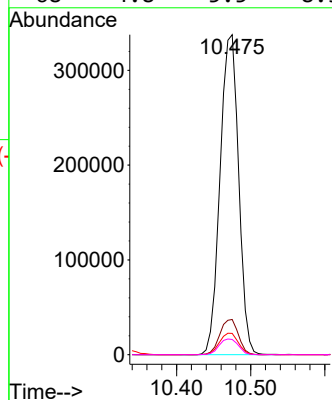
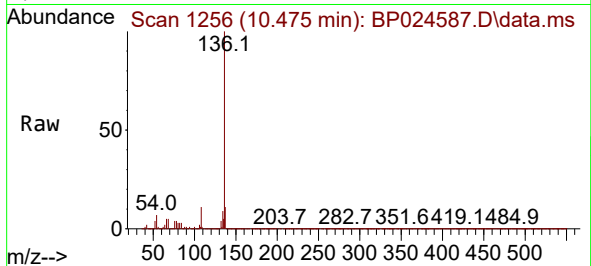




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

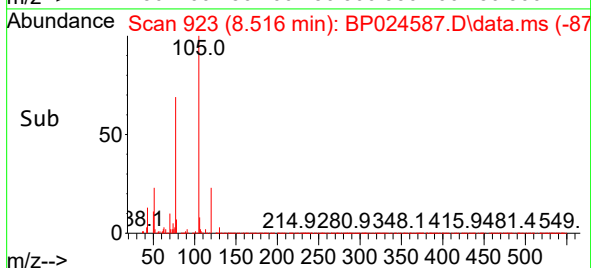
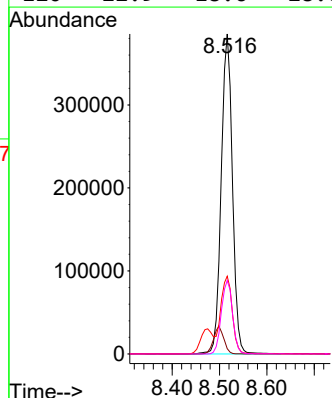
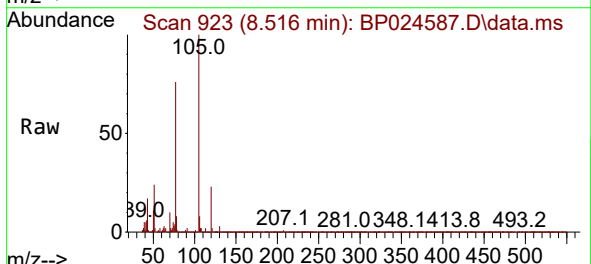
Instrument :
BNA_P
ClientSampleId :
PB167919BS

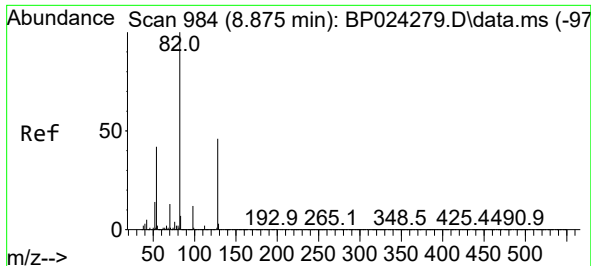
Tgt Ion:136 Resp: 587105
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.6 6.0 9.0
68 4.8 5.5 8.3#



#22
Acetophenone
Concen: 43.562 ng
RT: 8.516 min Scan# 923
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:105 Resp: 633004
Ion Ratio Lower Upper
105 100
71 1.7 1.7 2.5#
51 24.3 16.9 25.3
120 22.9 18.6 28.0

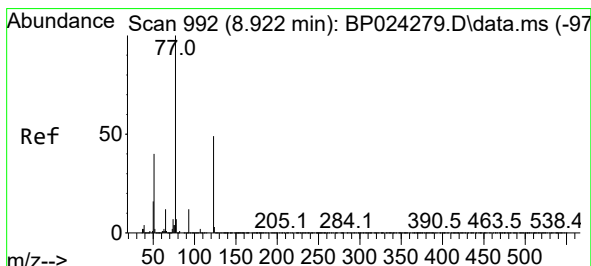
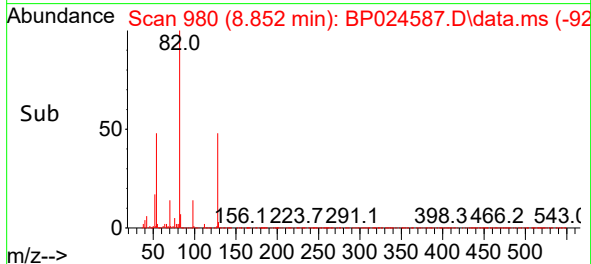
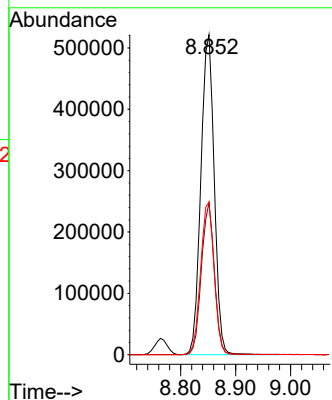
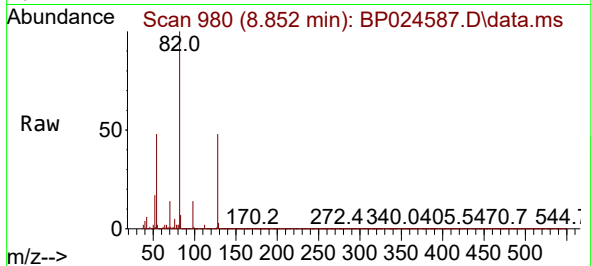




#23
Nitrobenzene-d5
Concen: 85.639 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

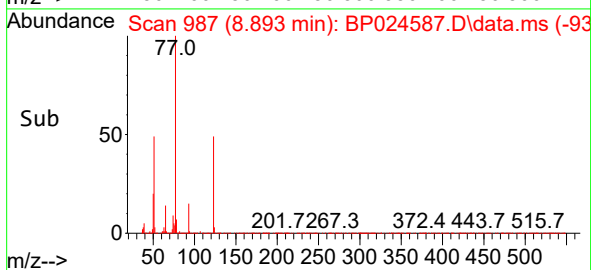
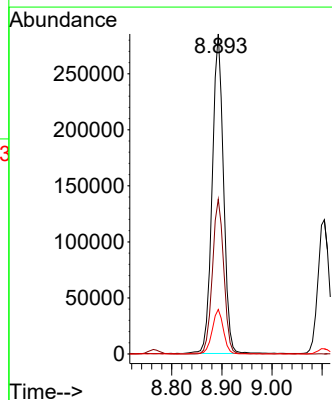
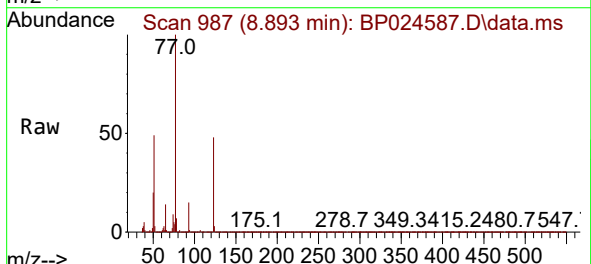
Instrument :
BNA_P
ClientSampleId :
PB167919BS

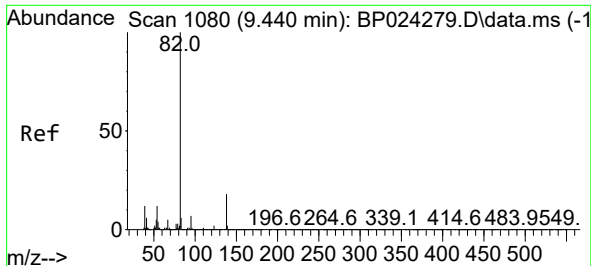
Tgt Ion: 82 Resp: 881766
Ion Ratio Lower Upper
82 100
128 47.5 36.5 54.7
54 47.6 33.4 50.2



#24
Nitrobenzene
Concen: 43.786 ng
RT: 8.893 min Scan# 987
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion: 77 Resp: 445986
Ion Ratio Lower Upper
77 100
123 48.4 39.2 58.8
65 13.9 9.8 14.6

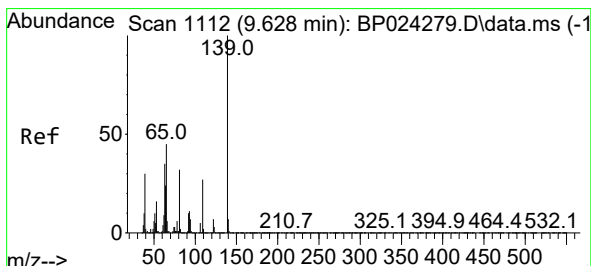
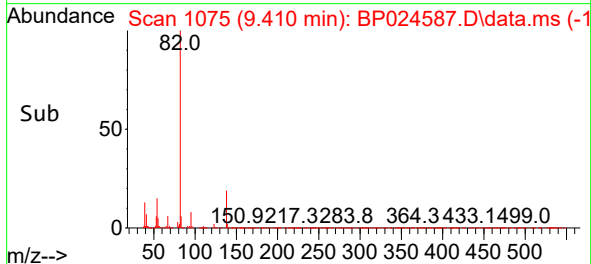
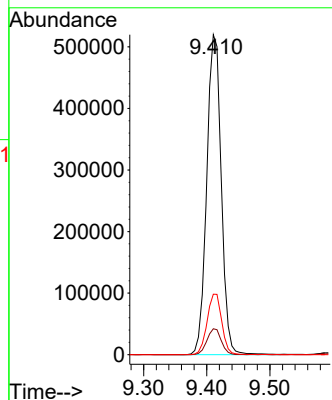
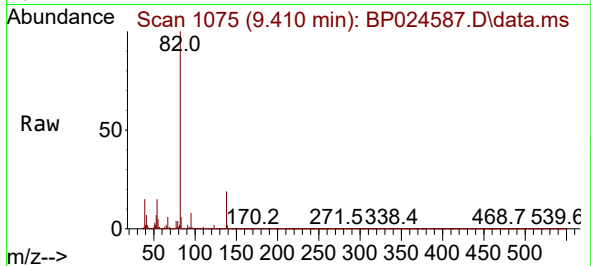




#25
Isophorone
Concen: 44.515 ng
RT: 9.410 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

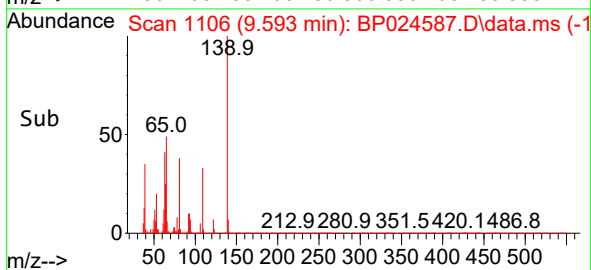
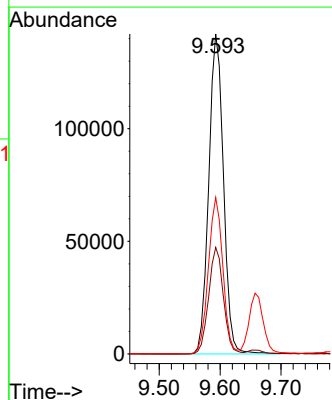
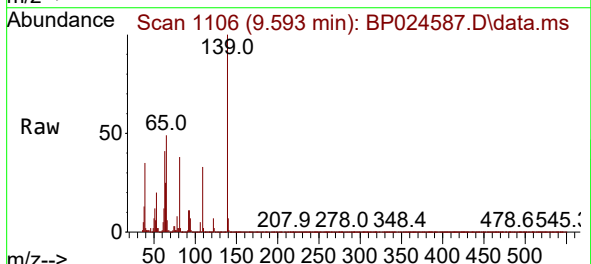
Instrument :
BNA_P
ClientSampleId :
PB167919BS

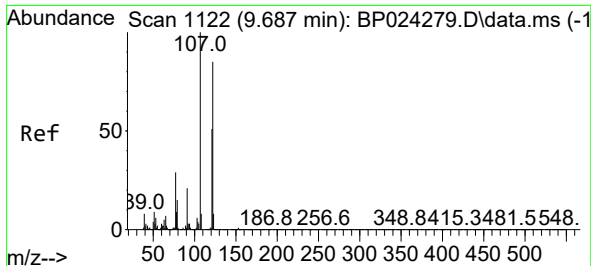
Tgt Ion: 82 Resp: 829621
Ion Ratio Lower Upper
82 100
95 8.1 5.4 8.2
138 18.9 14.4 21.6



#26
2-Nitrophenol
Concen: 47.887 ng
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion: 139 Resp: 238699
Ion Ratio Lower Upper
139 100
109 33.3 21.8 32.6#
65 48.9 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 65.532 ng

RT: 9.657 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

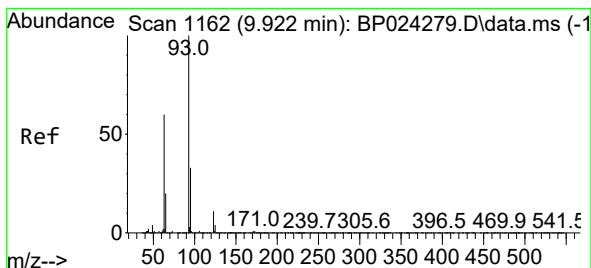
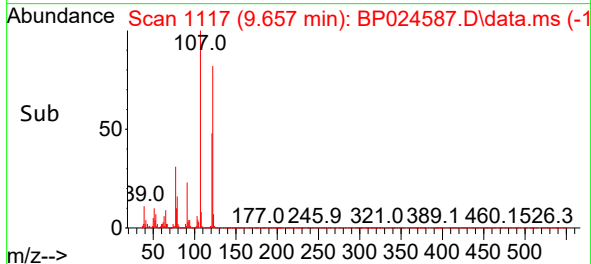
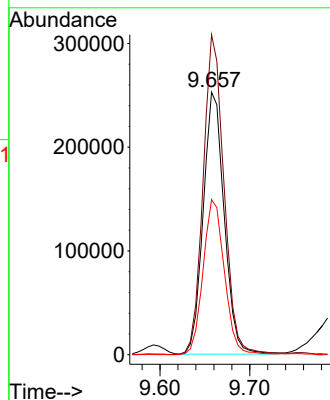
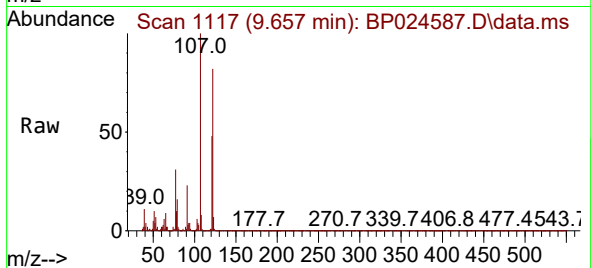
Tgt Ion:122 Resp: 410148

Ion Ratio Lower Upper

122 100

107 121.9 93.7 140.5

121 59.0 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 40.243 ng

RT: 9.887 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

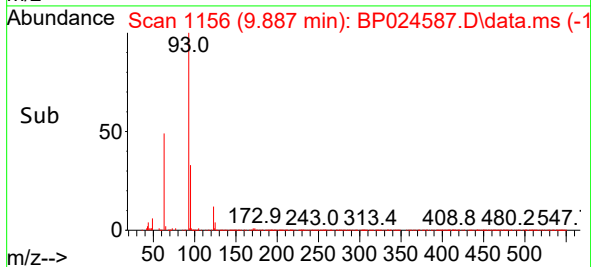
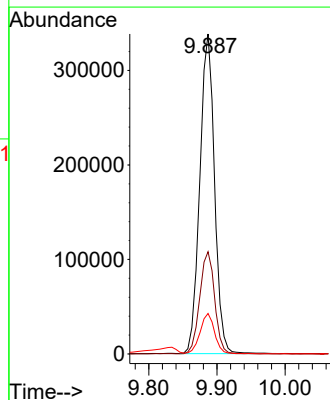
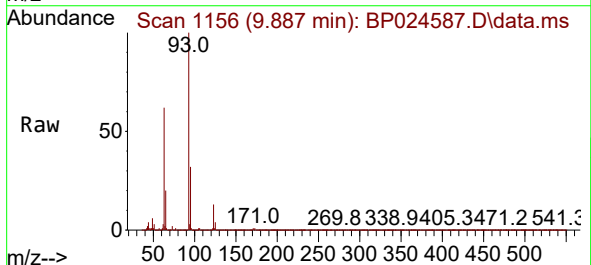
Tgt Ion: 93 Resp: 506653

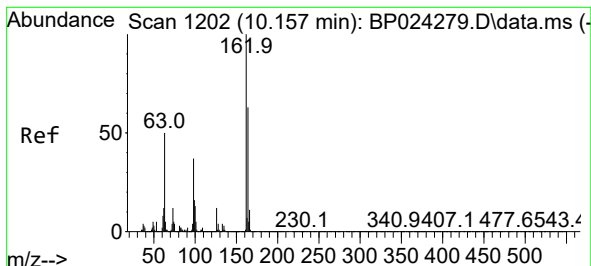
Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

123 12.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.209 ng

RT: 10.134 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

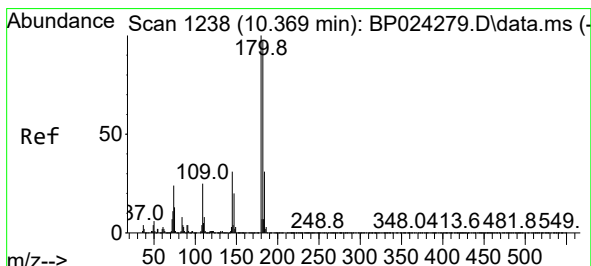
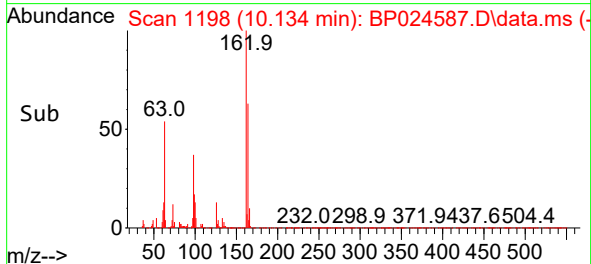
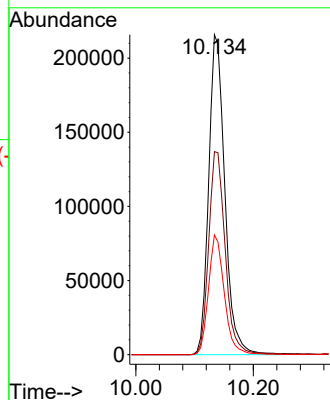
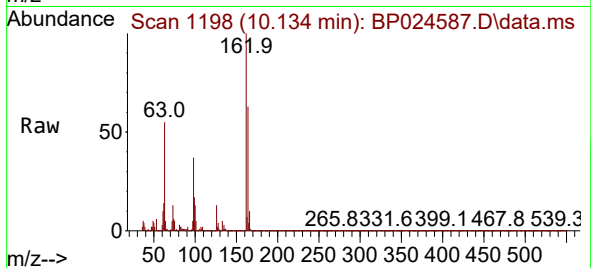
Tgt Ion:162 Resp: 411411

Ion Ratio Lower Upper

162 100

164 63.5 43.3 83.3

98 37.4 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 46.758 ng

RT: 10.334 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

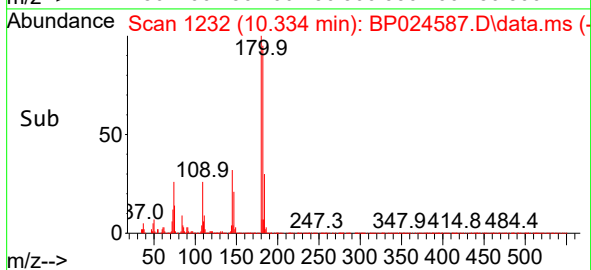
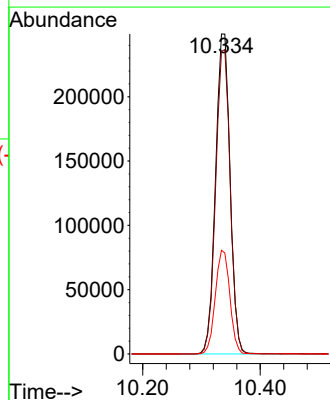
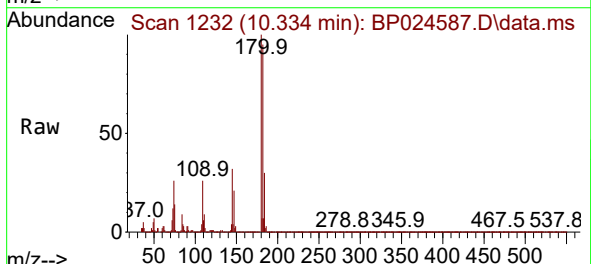
Tgt Ion:180 Resp: 427524

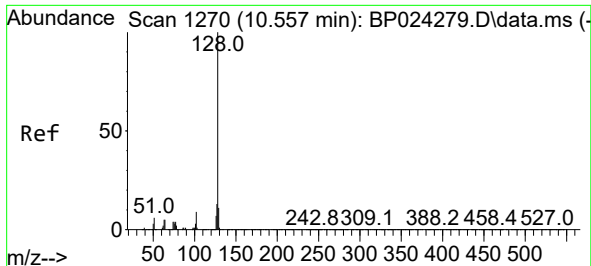
Ion Ratio Lower Upper

180 100

182 94.6 77.3 115.9

145 32.4 25.1 37.7

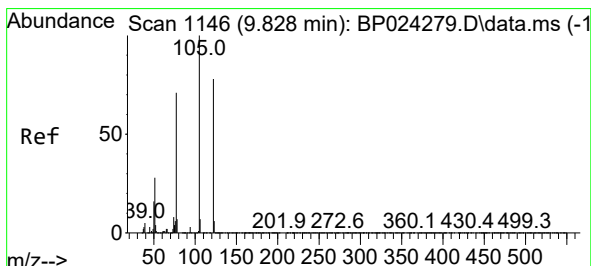
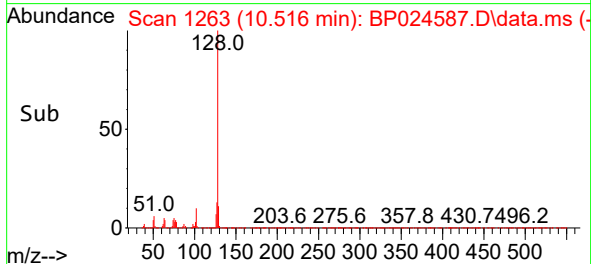
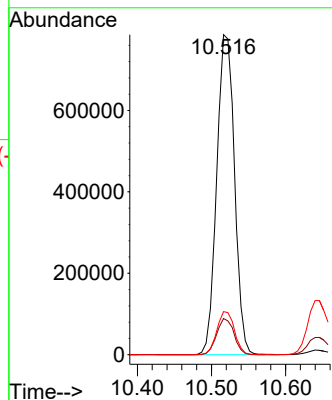
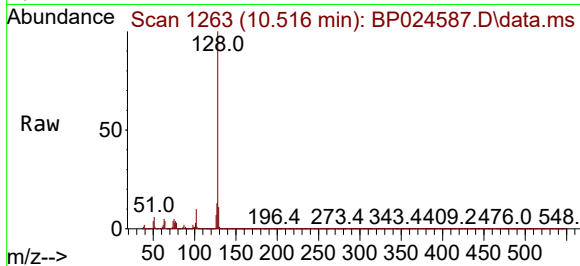




#31
Naphthalene
Concen: 42.384 ng
RT: 10.516 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

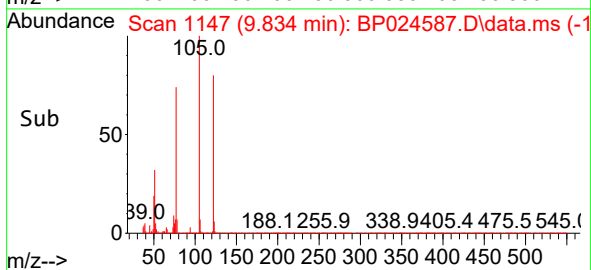
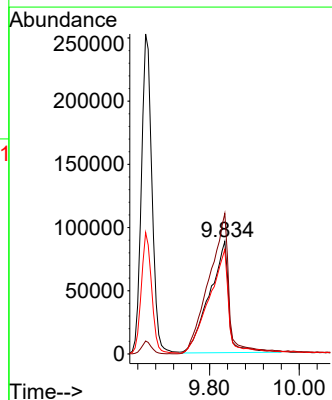
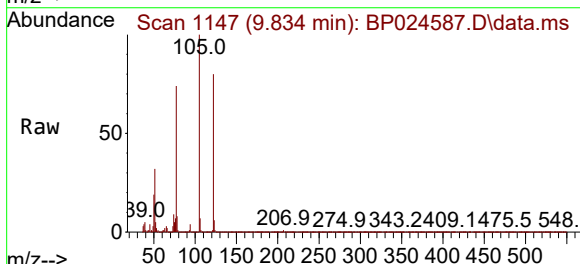
Instrument :
BNA_P
ClientSampleId :
PB167919BS

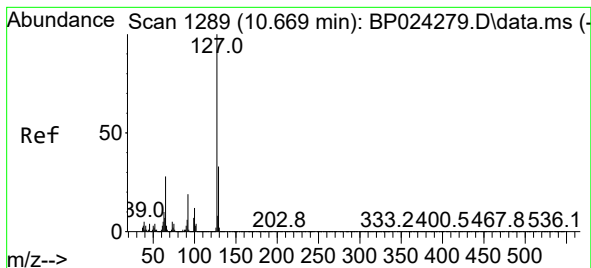
Tgt Ion:128 Resp: 1310782
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 36.246 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:122 Resp: 264340
Ion Ratio Lower Upper
122 100
105 124.8 104.8 144.8
77 92.9 69.2 109.2





#33

4-Chloroaniline

Concen: 28.292 ng

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

Tgt Ion:127 Resp: 308127

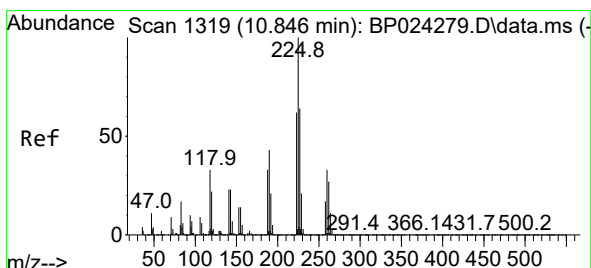
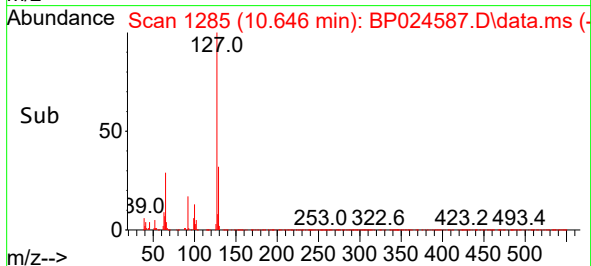
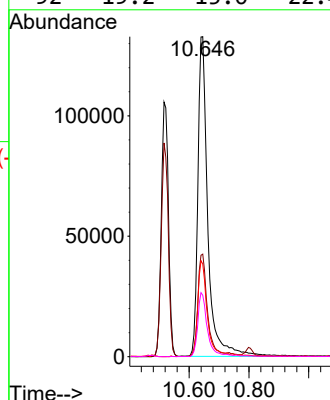
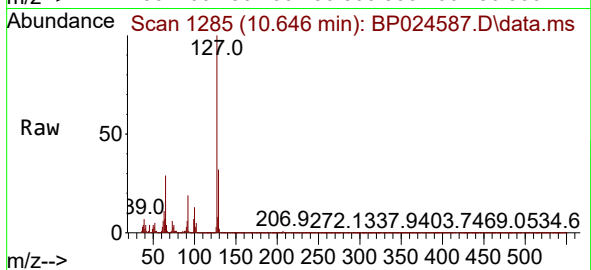
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 29.0 22.1 33.1

92 19.2 15.0 22.4



#34

Hexachlorobutadiene

Concen: 51.620 ng

RT: 10.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

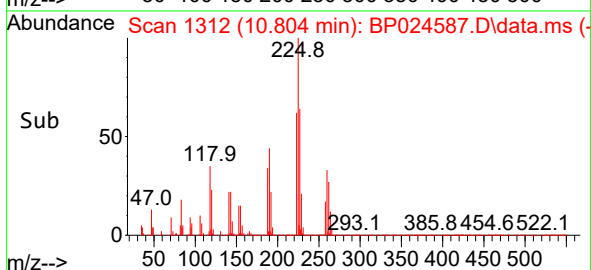
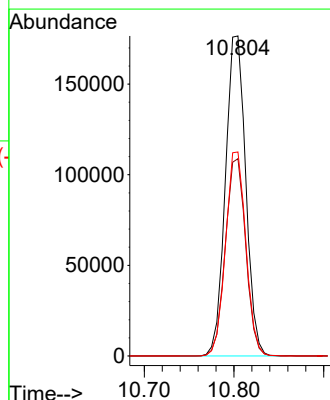
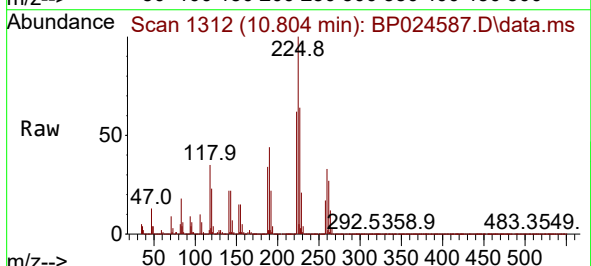
Tgt Ion:225 Resp: 277350

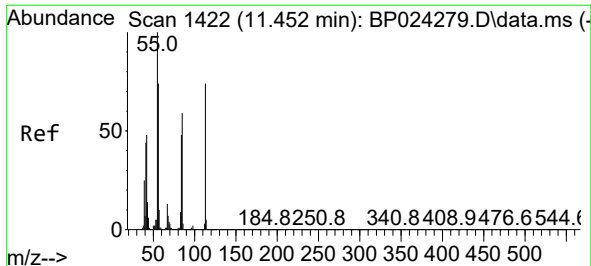
Ion Ratio Lower Upper

225 100

223 61.7 49.5 74.3

227 63.8 50.9 76.3

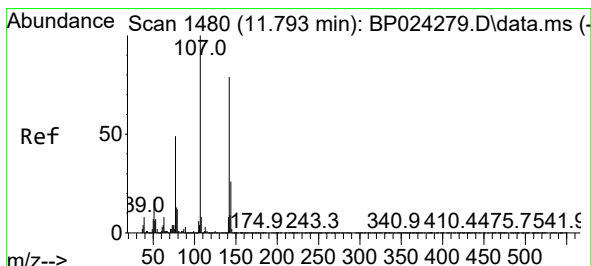
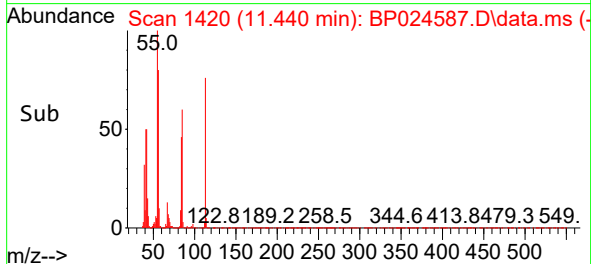
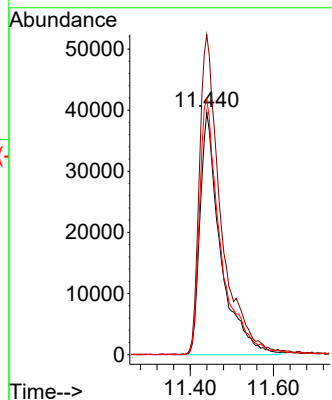
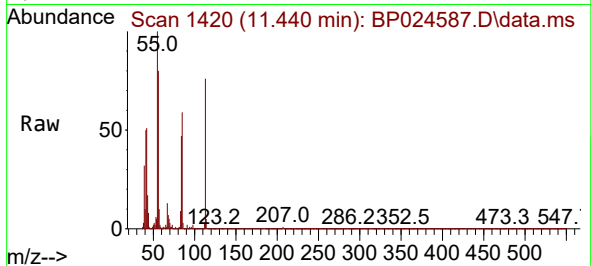




#35
Caprolactam
Concen: 42.789 ng
RT: 11.440 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

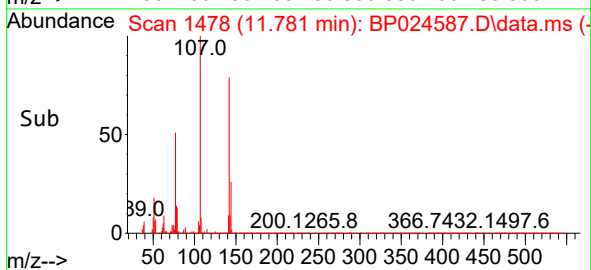
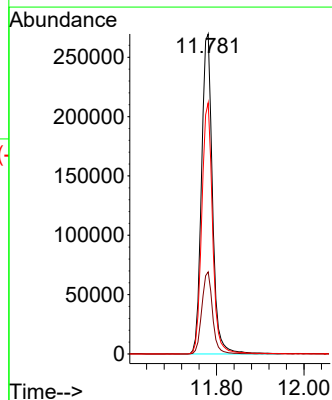
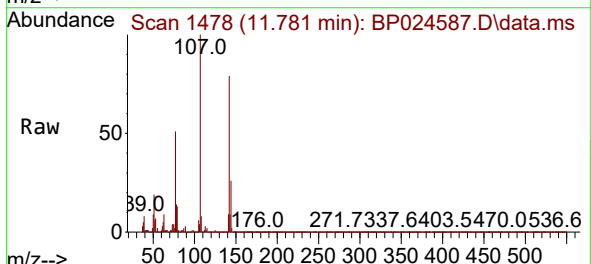
Instrument :
BNA_P
ClientSampleId :
PB167919BS

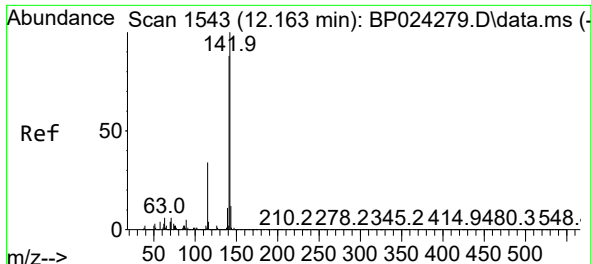
Tgt Ion:113 Resp: 134736
Ion Ratio Lower Upper
113 100
55 132.0 115.9 155.9
56 105.2 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 47.320 ng
RT: 11.781 min Scan# 1478
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:107 Resp: 470361
Ion Ratio Lower Upper
107 100
144 25.6 20.5 30.7
142 78.5 63.4 95.2

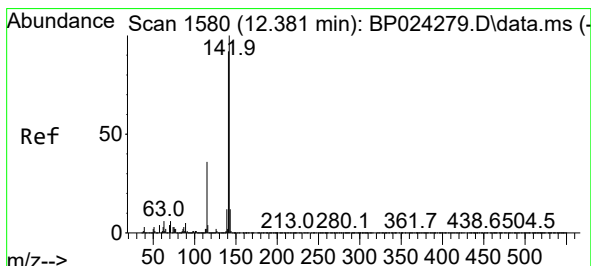
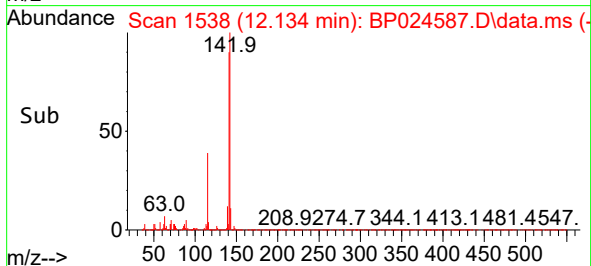
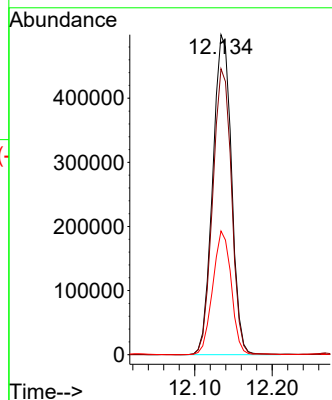
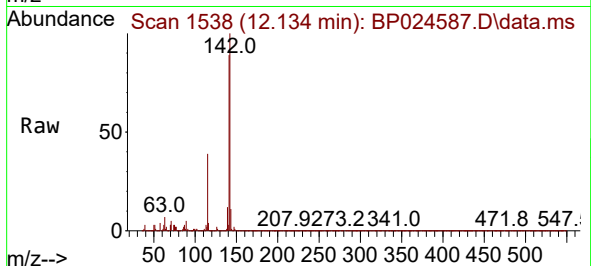




#37
2-Methylnaphthalene
Concen: 39.183 ng
RT: 12.134 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

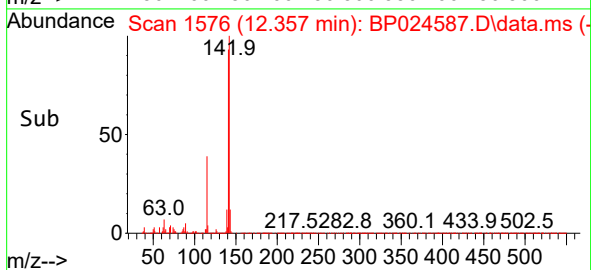
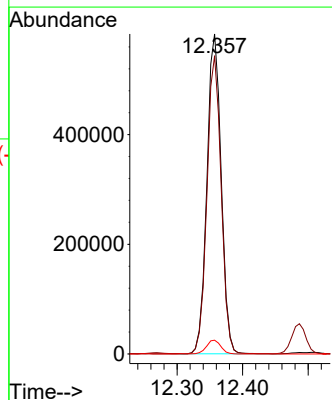
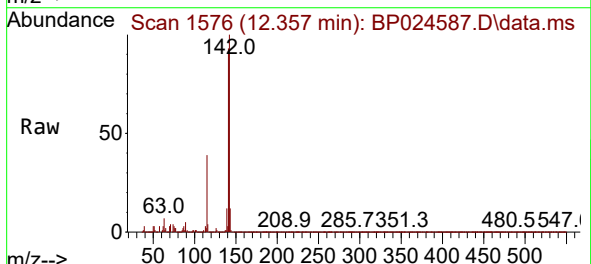
Instrument :
BNA_P
ClientSampleId :
PB167919BS

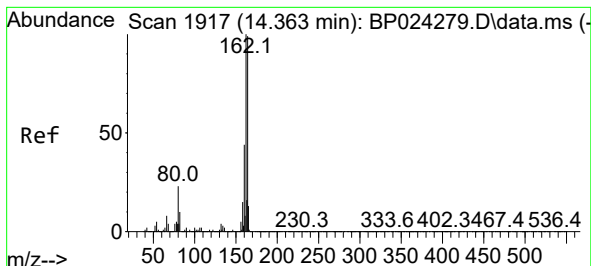
Tgt Ion:142 Resp: 840391
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 38.6 26.9 40.3



#38
1-Methylnaphthalene
Concen: 42.073 ng
RT: 12.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:142 Resp: 882786
Ion Ratio Lower Upper
142 100
141 93.2 73.6 110.4
116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.334 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

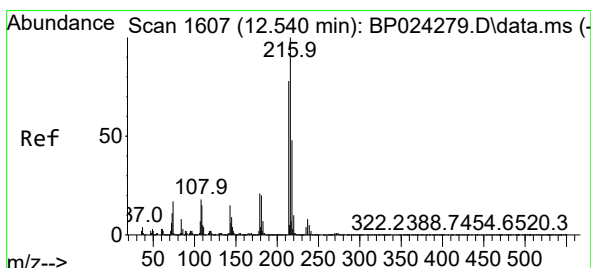
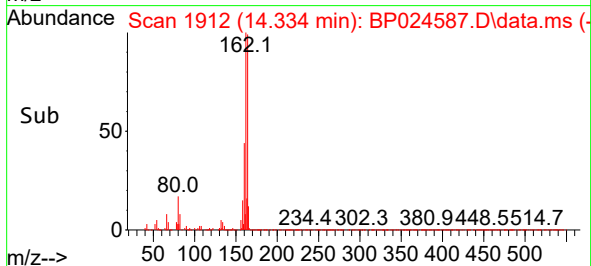
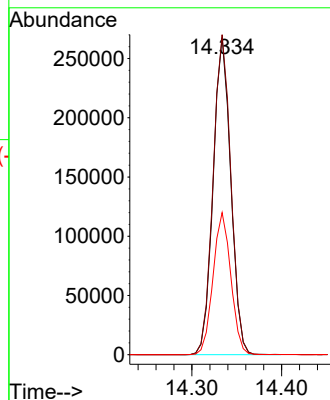
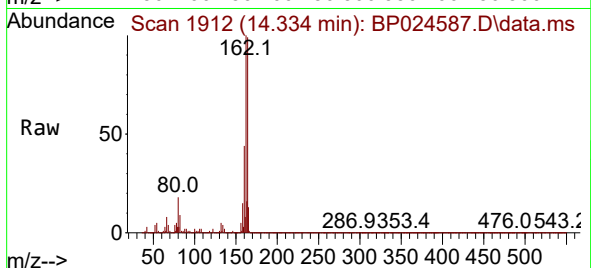
Tgt Ion:164 Resp: 364359

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 44.8 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.765 ng

RT: 12.510 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Tgt Ion:216 Resp: 478602

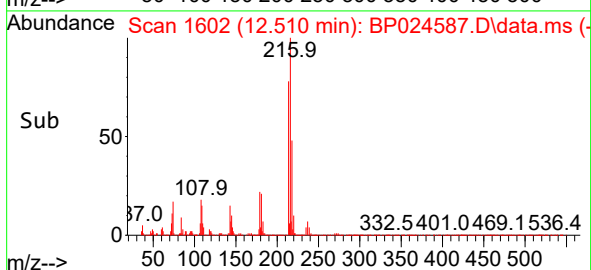
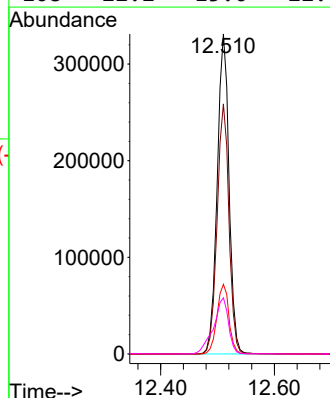
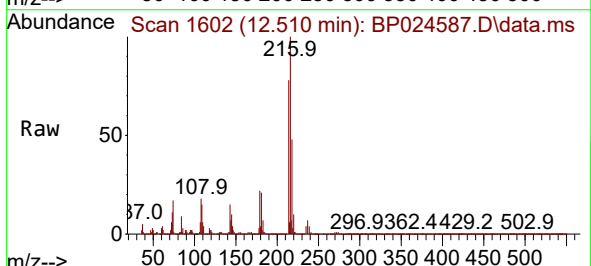
Ion Ratio Lower Upper

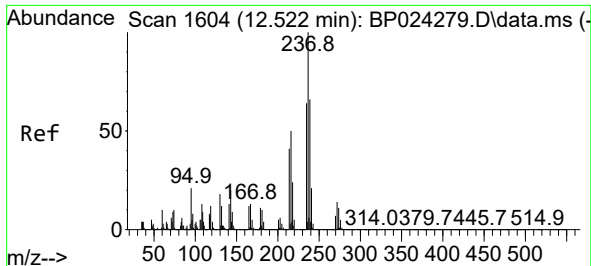
216 100

214 78.3 62.6 93.8

179 22.1 17.2 25.8

108 22.2 15.0 22.6

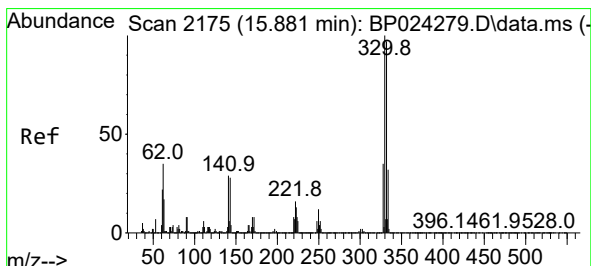
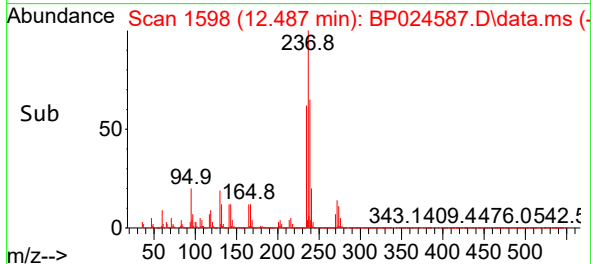
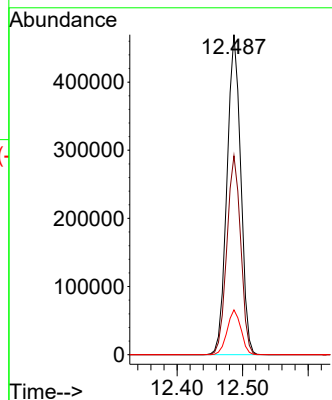
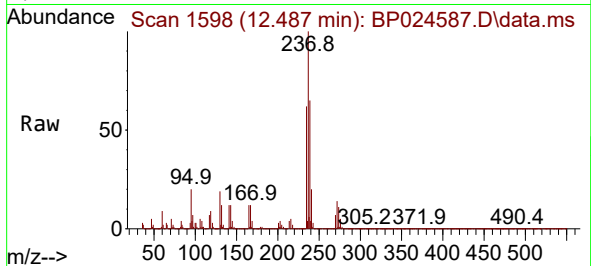




#41
Hexachlorocyclopentadiene
Concen: 192.911 ng
RT: 12.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

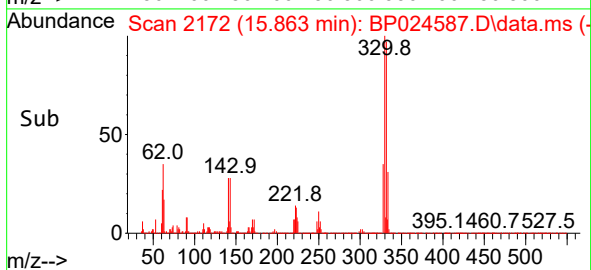
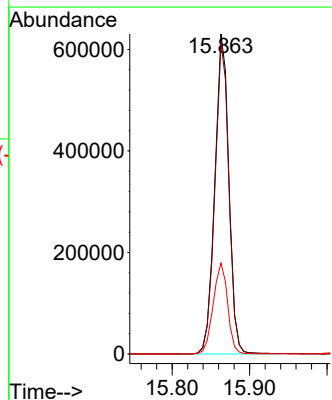
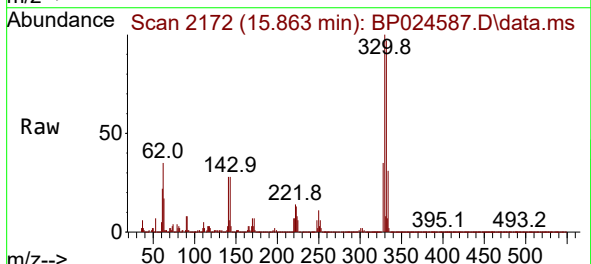
Instrument :
BNA_P
ClientSampleId :
PB167919BS

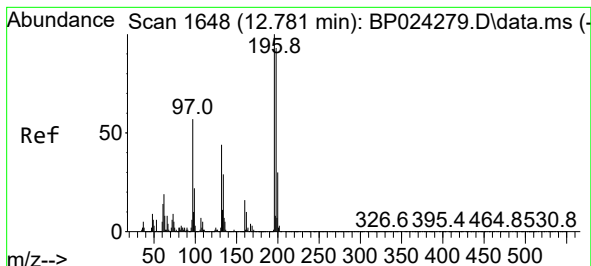
Tgt Ion:237 Resp: 683633
Ion Ratio Lower Upper
237 100
235 62.2 43.9 83.9
272 14.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 157.777 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.018 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:330 Resp: 795369
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.659 ng

RT: 12.757 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

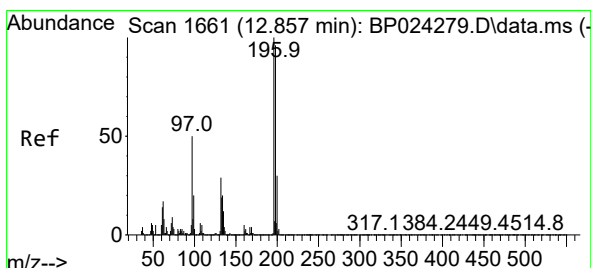
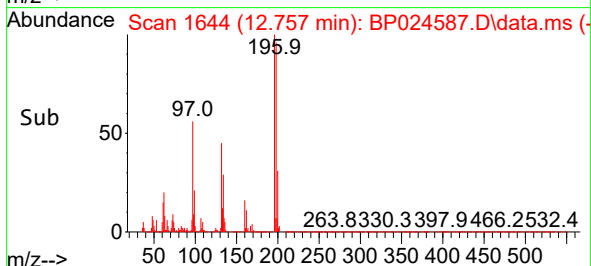
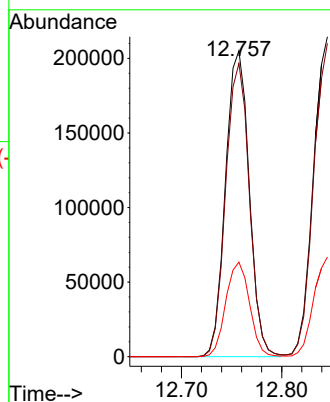
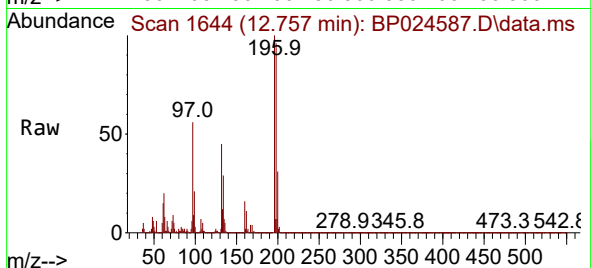
Tgt Ion:196 Resp: 337480

Ion Ratio Lower Upper

196 100

198 95.9 74.3 111.5

200 30.9 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.941 ng

RT: 12.845 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Tgt Ion:196 Resp: 368418

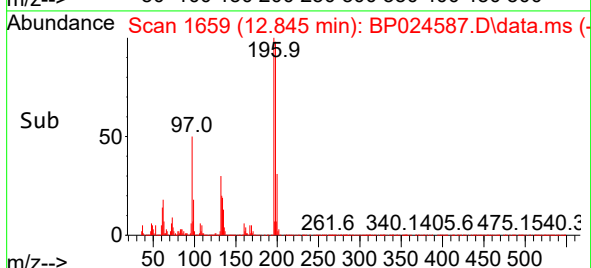
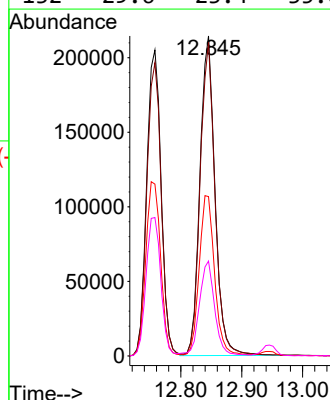
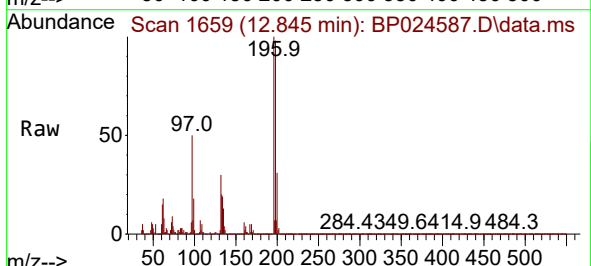
Ion Ratio Lower Upper

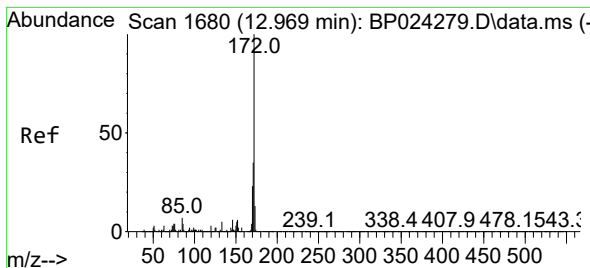
196 100

198 98.0 77.3 115.9

97 49.8 40.4 60.6

132 29.6 23.4 35.0

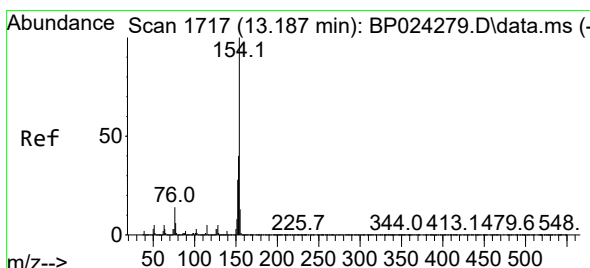
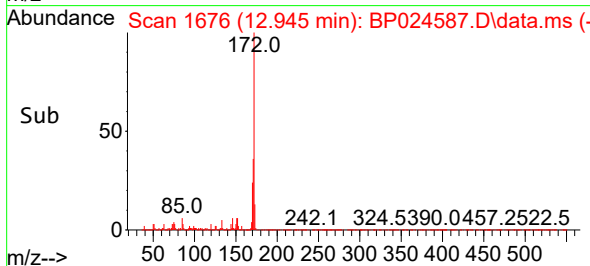
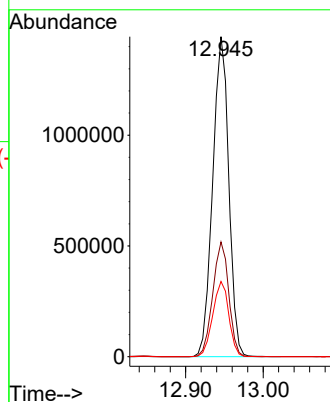
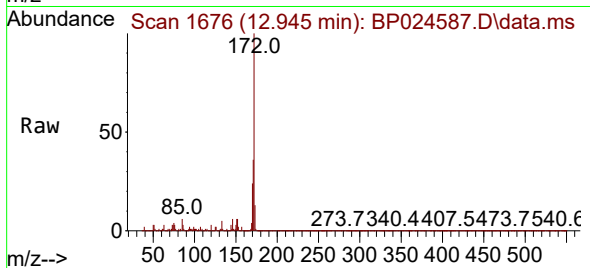




#45
2-Fluorobiphenyl
Concen: 87.477 ng
RT: 12.945 min Scan# 1676
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

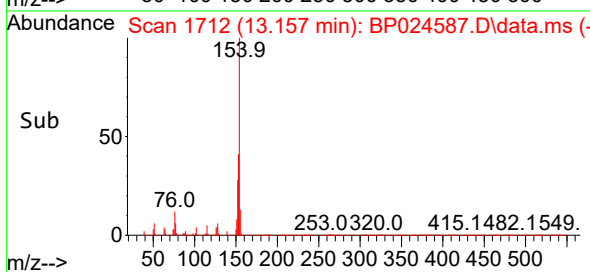
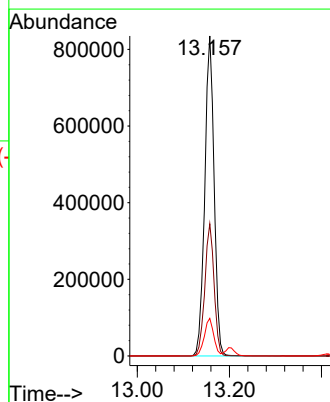
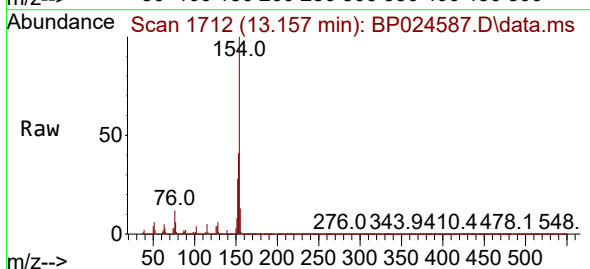
Instrument :
BNA_P
ClientSampleId :
PB167919BS

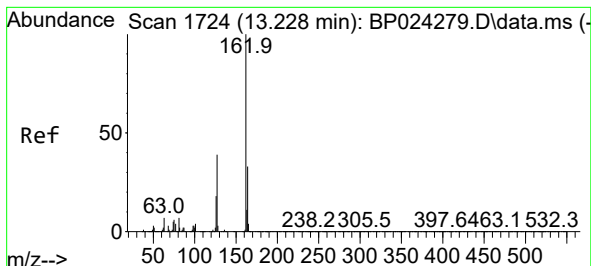
Tgt Ion:172 Resp: 2081701
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 44.397 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:154 Resp: 1189055
Ion Ratio Lower Upper
154 100
153 41.3 20.3 60.3
76 11.7 0.0 33.5





#47

2-Chloronaphthalene

Concen: 45.447 ng

RT: 13.204 min Scan# 1720

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

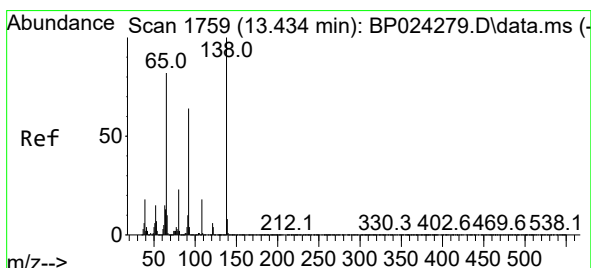
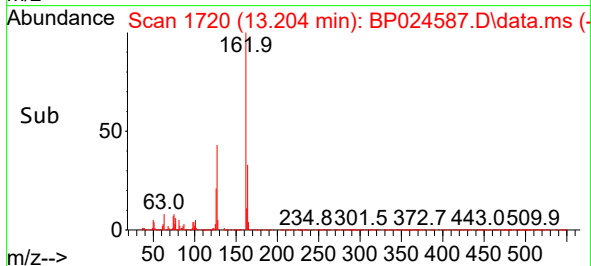
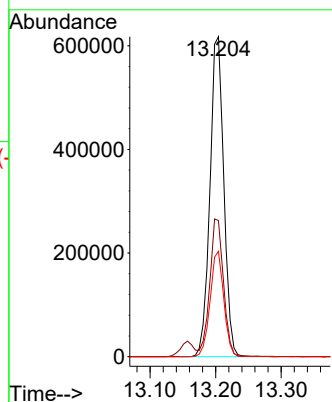
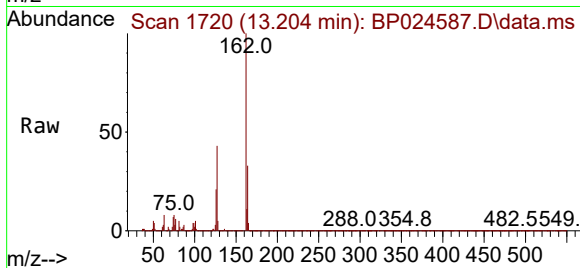
Tgt Ion:162 Resp: 909691

Ion Ratio Lower Upper

162 100

127 42.6 31.9 47.9

164 32.9 26.2 39.4



#48

2-Nitroaniline

Concen: 49.650 ng

RT: 13.410 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

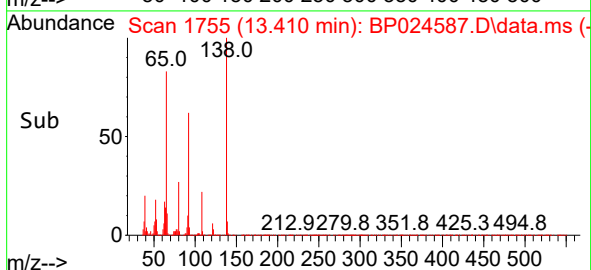
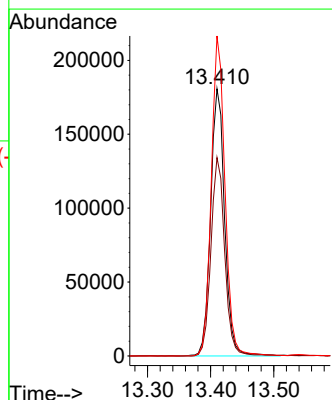
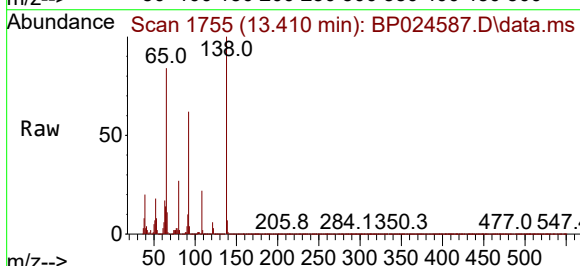
Tgt Ion: 65 Resp: 278775

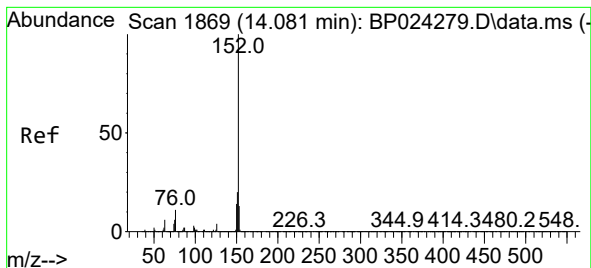
Ion Ratio Lower Upper

65 100

92 74.2 62.3 93.5

138 119.8 97.2 145.8





#49

Acenaphthylene

Concen: 48.751 ng

RT: 14.051 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

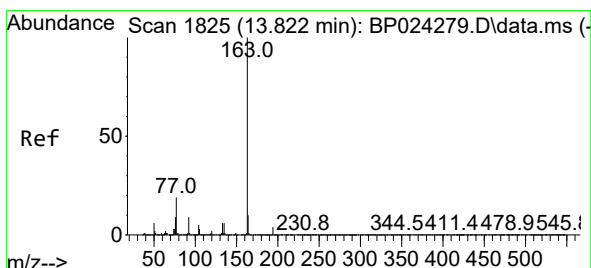
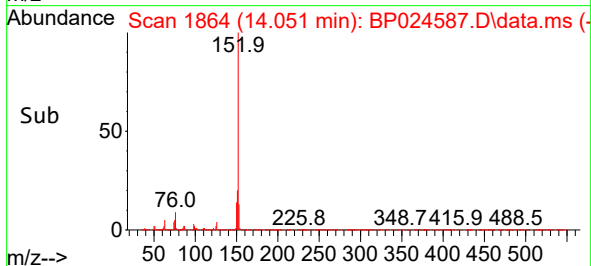
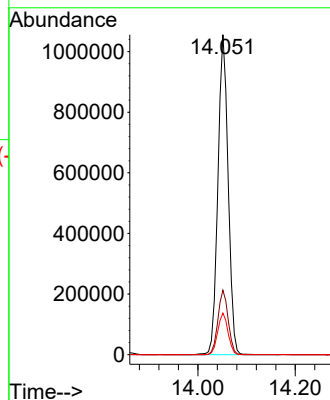
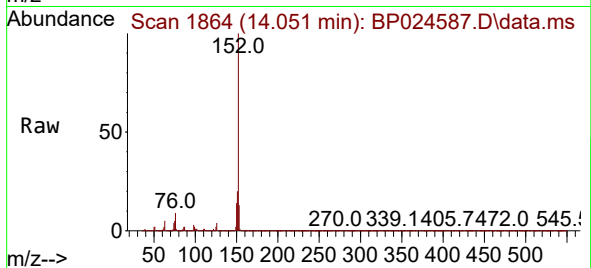
Tgt Ion:152 Resp: 1536390

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 45.553 ng

RT: 13.793 min Scan# 1820

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

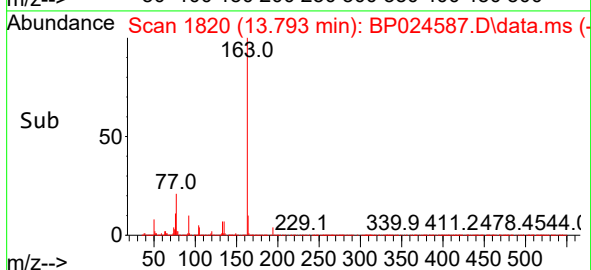
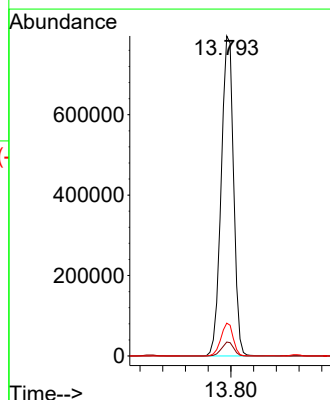
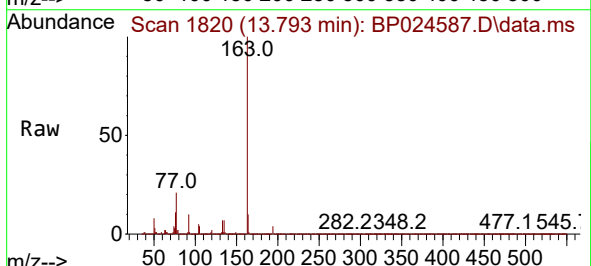
Tgt Ion:163 Resp: 1207014

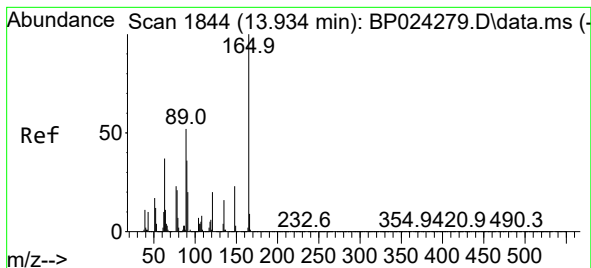
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.3 8.0 12.0

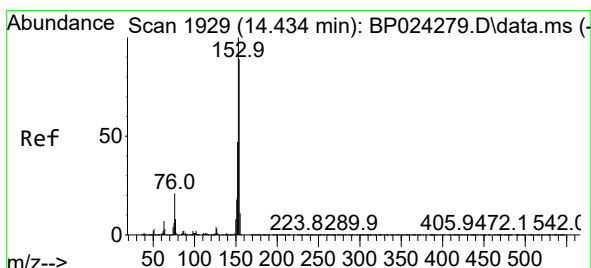
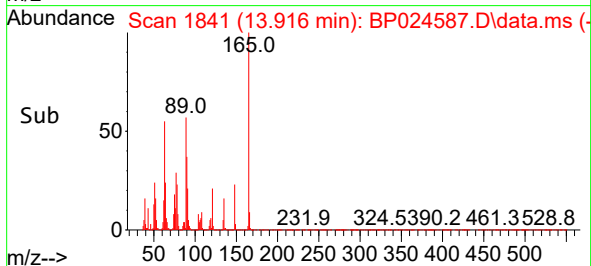
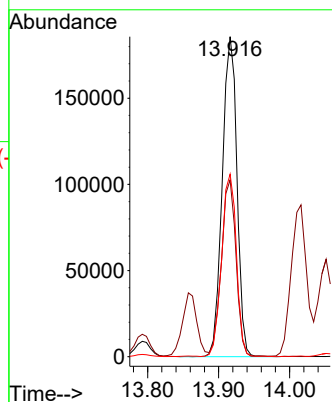
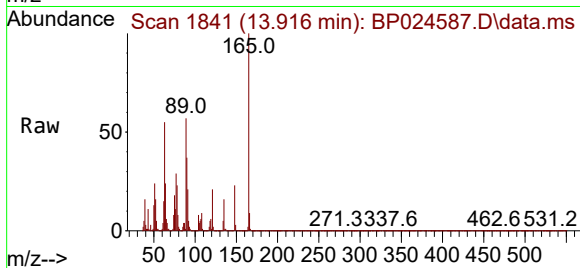




#51
2,6-Dinitrotoluene
Concen: 47.128 ng
RT: 13.916 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

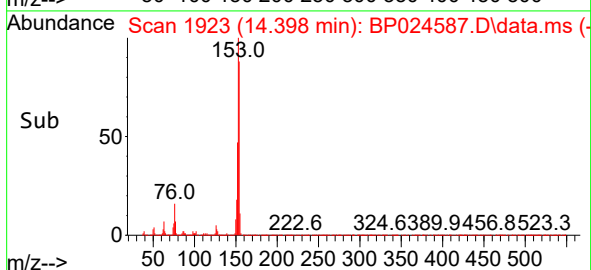
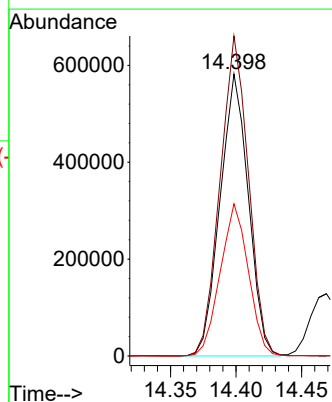
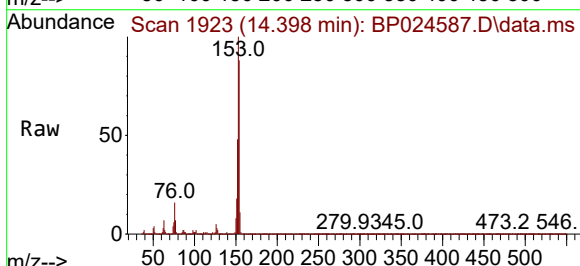
Instrument :
BNA_P
ClientSampleId :
PB167919BS

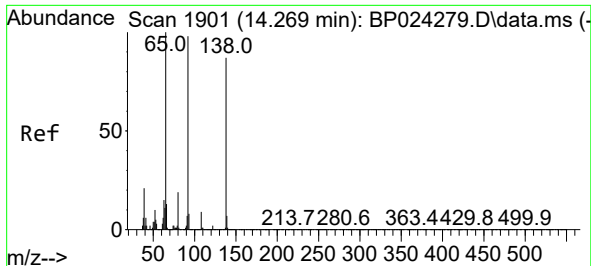
Tgt Ion:165 Resp: 265171
Ion Ratio Lower Upper
165 100
63 55.3 38.0 57.0
89 57.1 41.7 62.5



#52
Acenaphthene
Concen: 43.653 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:154 Resp: 872170
Ion Ratio Lower Upper
154 100
153 113.5 89.8 134.6
152 54.0 42.6 63.8

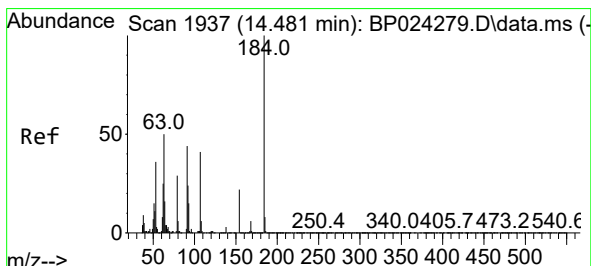
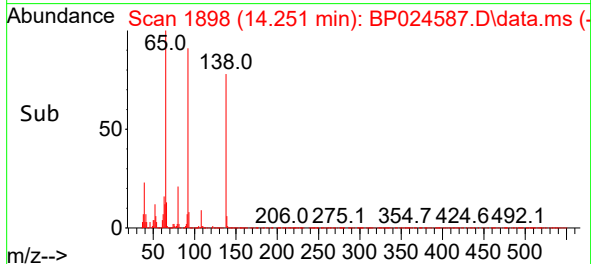
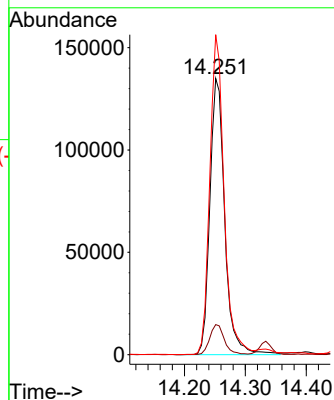
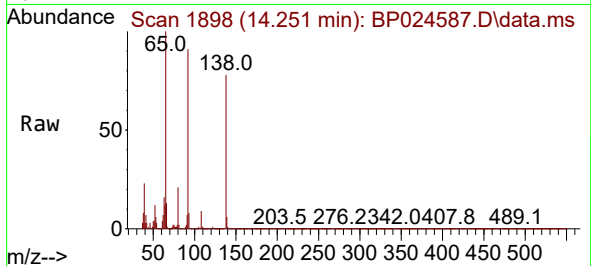




#53
3-Nitroaniline
Concen: 38.667 ng
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

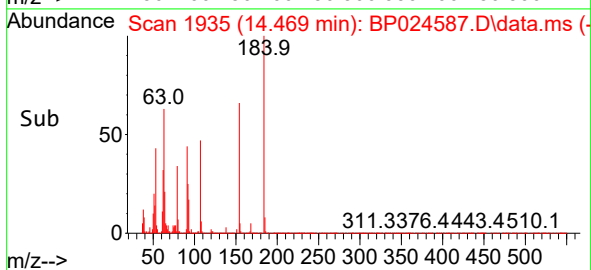
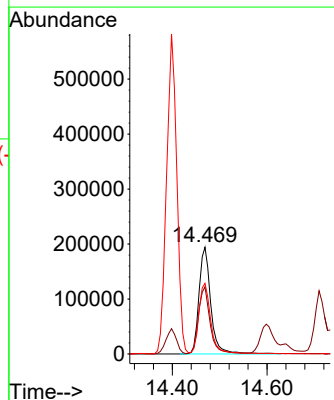
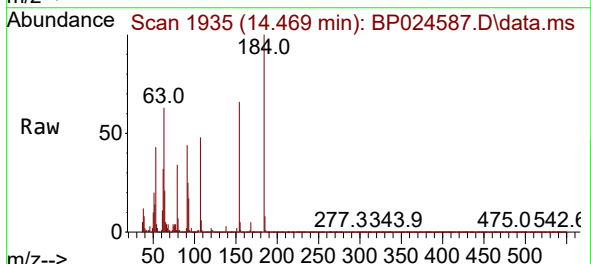
Instrument :
BNA_P
ClientSampleId :
PB167919BS

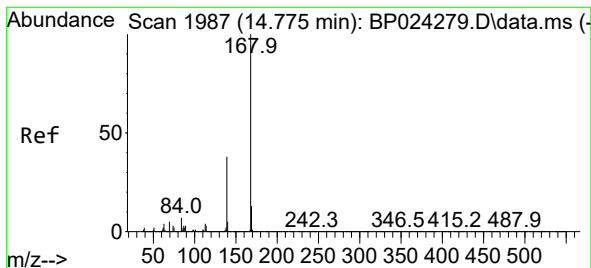
Tgt Ion:138 Resp: 228658
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 115.9 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 101.748 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:184 Resp: 337224
Ion Ratio Lower Upper
184 100
63 63.0 42.6 64.0
154 66.1 47.2 70.8





#55

Dibenzenofuran

Concen: 42.051 ng

RT: 14.745 min Scan# 1982

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

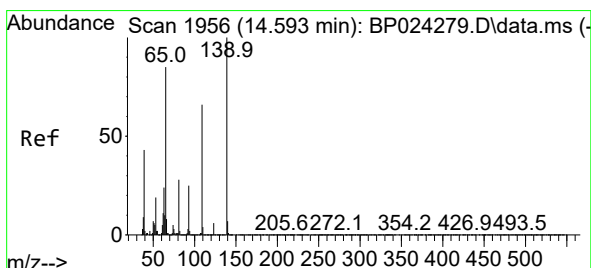
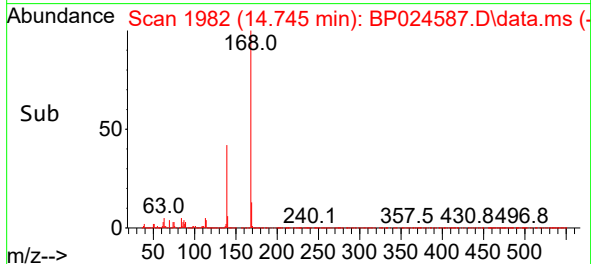
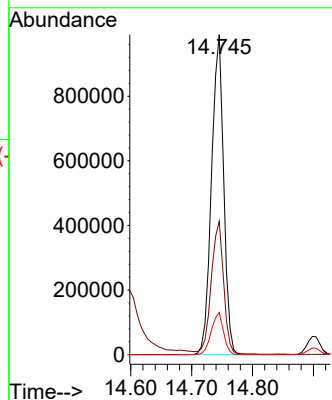
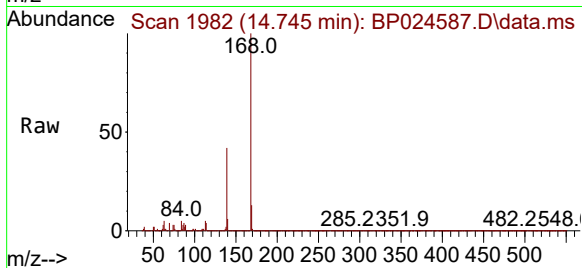
Tgt Ion:168 Resp: 1373299

Ion Ratio Lower Upper

168 100

139 41.7 30.3 45.5

169 13.2 10.6 16.0



#56

4-Nitrophenol

Concen: 88.867 ng

RT: 14.598 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

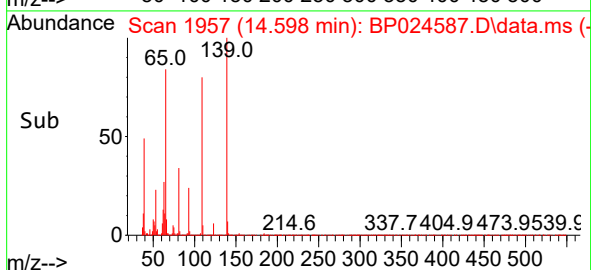
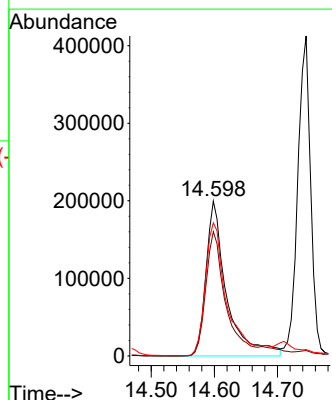
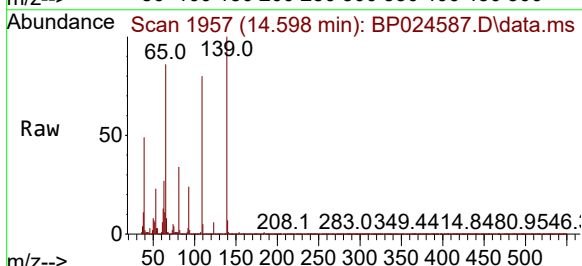
Tgt Ion:139 Resp: 453871

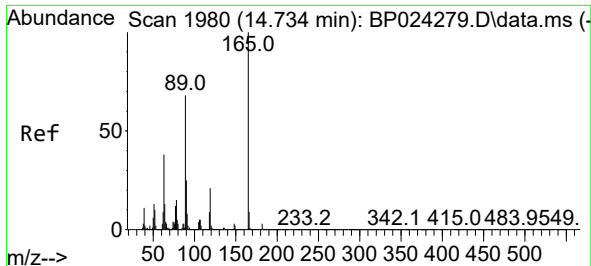
Ion Ratio Lower Upper

139 100

109 80.3 46.1 86.1

65 86.0 65.0 105.0

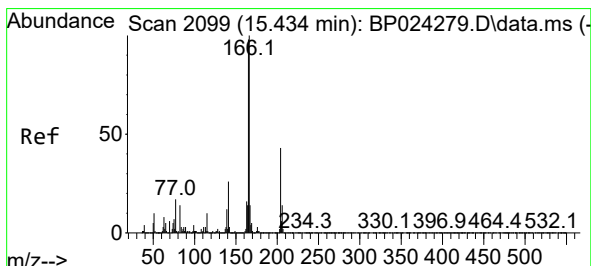
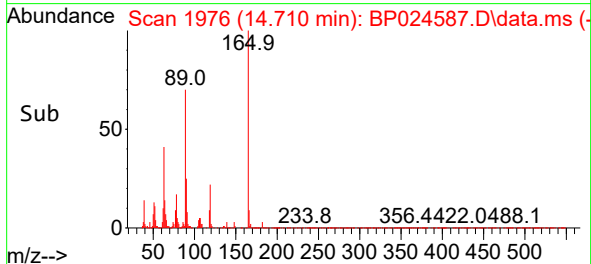
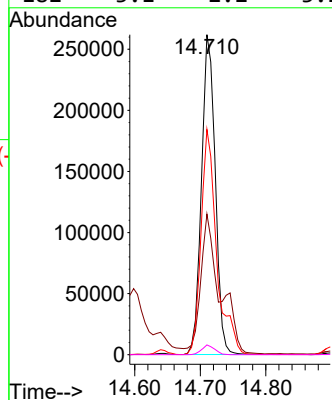
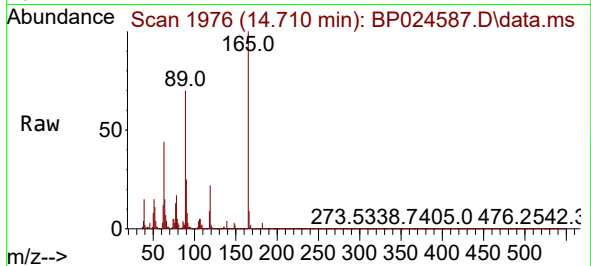




#57
2,4-Dinitrotoluene
Concen: 49.904 ng
RT: 14.710 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

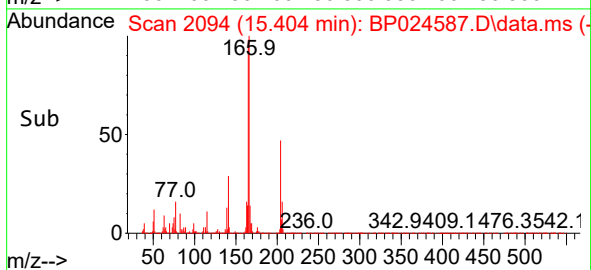
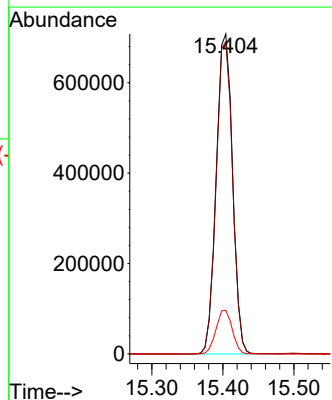
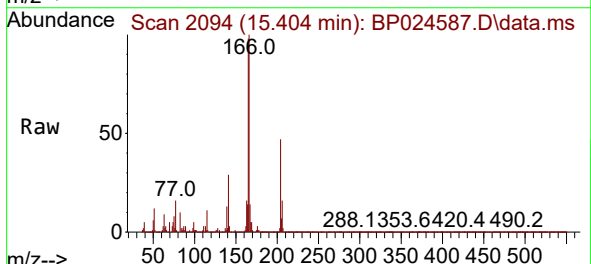
Instrument :
BNA_P
ClientSampleId :
PB167919BS

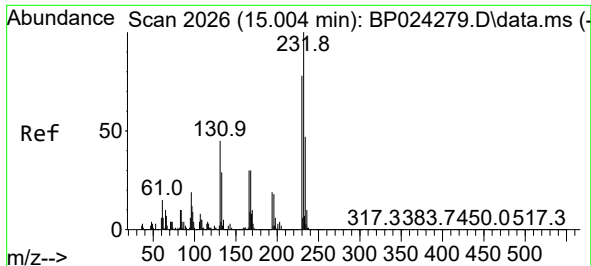
Tgt Ion:165 Resp: 383023
Ion Ratio Lower Upper
165 100
63 43.9 30.4 45.6
89 70.4 54.6 82.0
182 3.1 2.2 3.2



#58
Fluorene
Concen: 44.578 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:166 Resp: 1126983
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.6 10.9 16.3

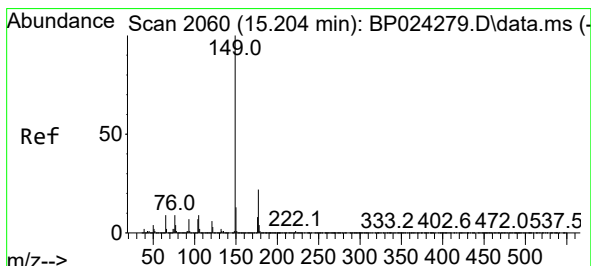
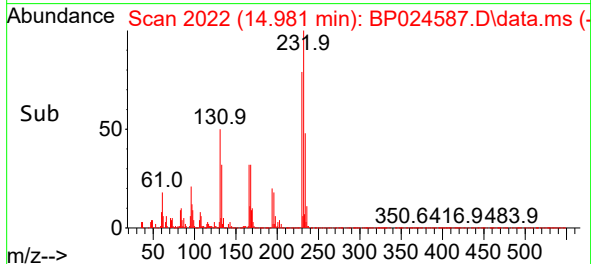
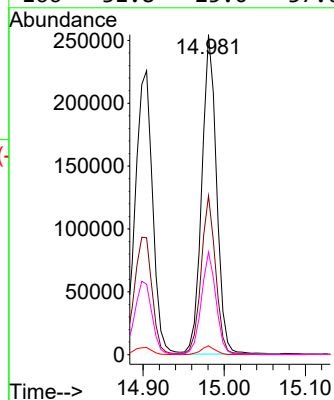
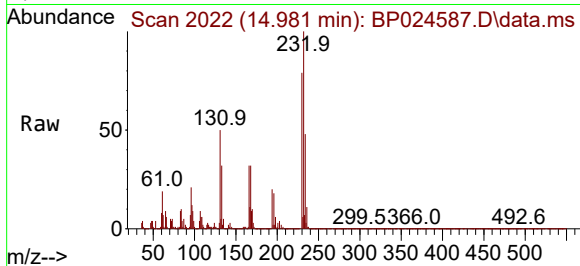




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.130 ng
RT: 14.981 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

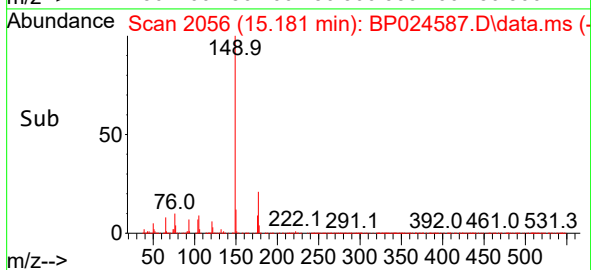
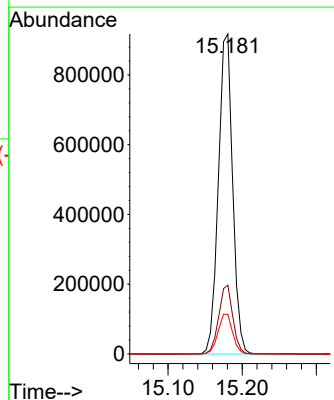
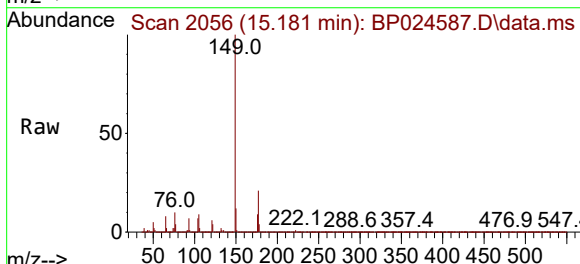
Instrument :
BNA_P
ClientSampleId :
PB167919BS

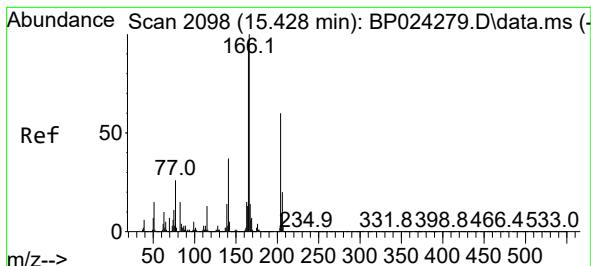
Tgt Ion:232 Resp: 320667
Ion Ratio Lower Upper
232 100
131 48.8 36.8 55.2
130 2.7 1.9 2.9
166 31.8 25.0 37.6



#60
Diethylphthalate
Concen: 44.919 ng
RT: 15.181 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:149 Resp: 1226527
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.4 10.1 15.1

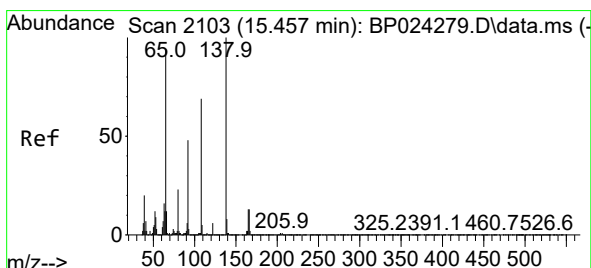
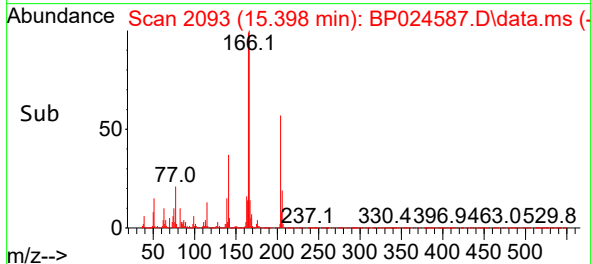
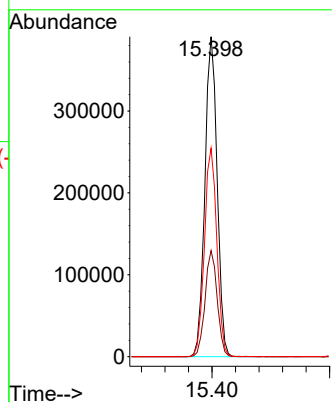
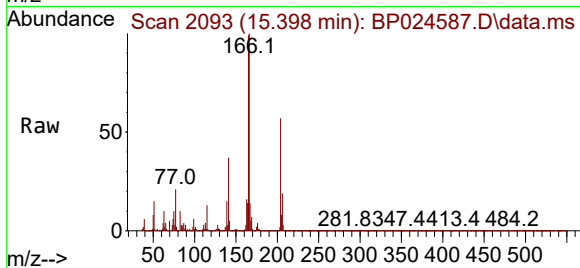




#61
4-Chlorophenyl-phenylether
Concen: 46.090 ng
RT: 15.398 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

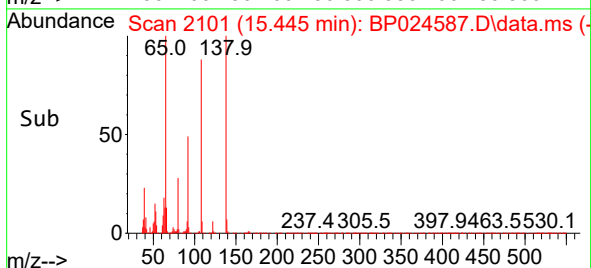
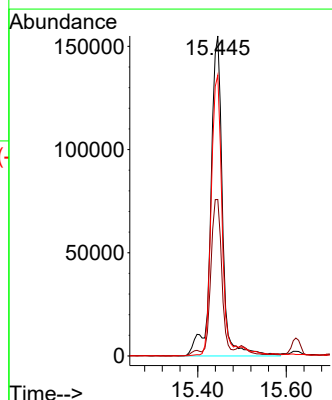
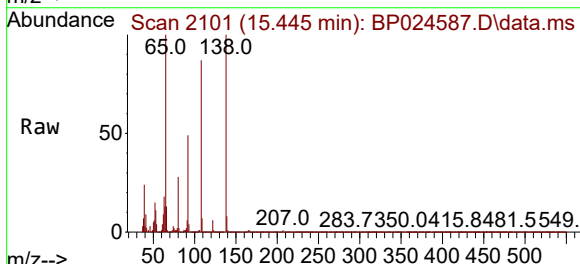
Instrument :
BNA_P
ClientSampleId :
PB167919BS

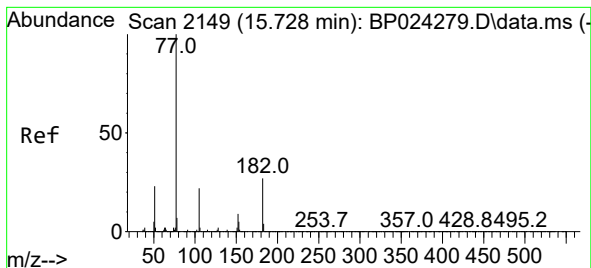
Tgt Ion:204 Resp: 565828
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 65.1 49.4 74.0



#62
4-Nitroaniline
Concen: 45.603 ng m
RT: 15.445 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:138 Resp: 285484
Ion Ratio Lower Upper
138 100
92 48.9 27.8 67.8
108 87.7 48.9 88.9





#63

Azobenzene

Concen: 41.765 ng

RT: 15.698 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

Tgt Ion: 77 Resp: 1048180

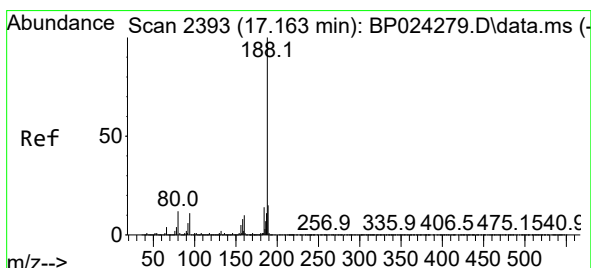
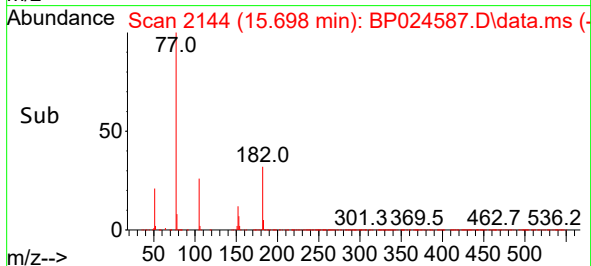
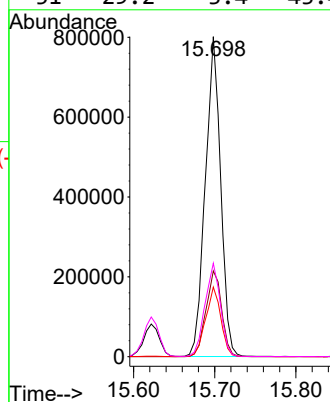
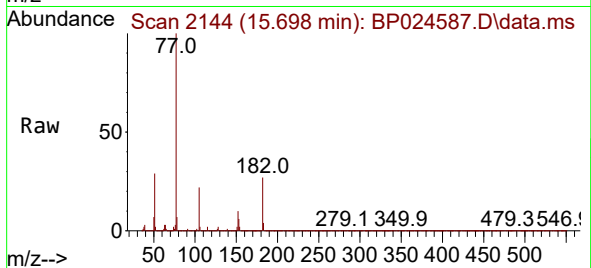
Ion Ratio Lower Upper

77 100

182 26.8 7.3 47.3

105 21.7 2.3 42.3

51 29.2 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2390

Delta R.T. 0.018 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

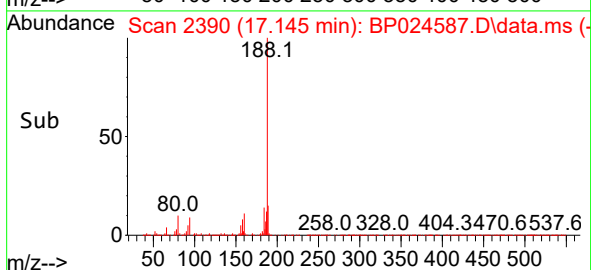
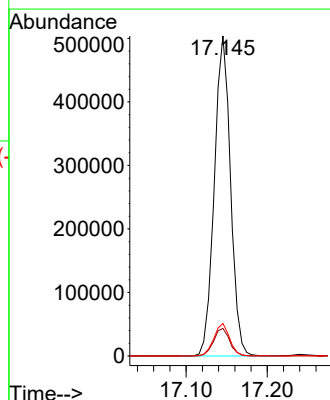
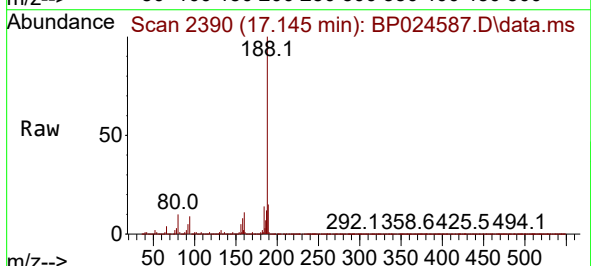
Tgt Ion:188 Resp: 698207

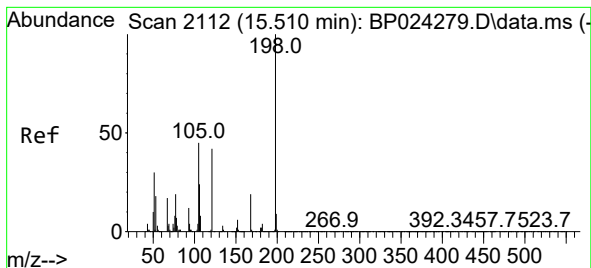
Ion Ratio Lower Upper

188 100

94 8.6 8.6 13.0#

80 10.1 9.8 14.6

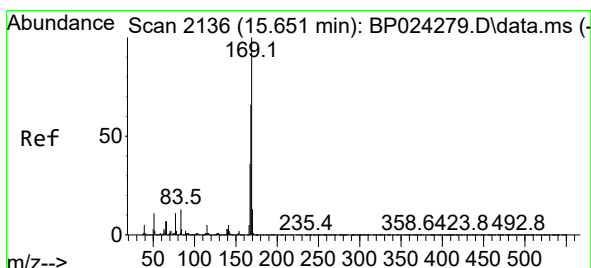
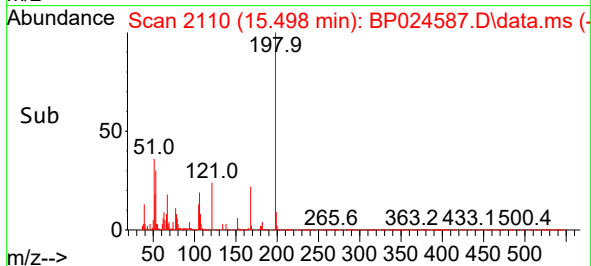
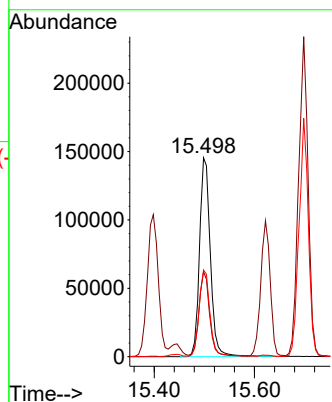
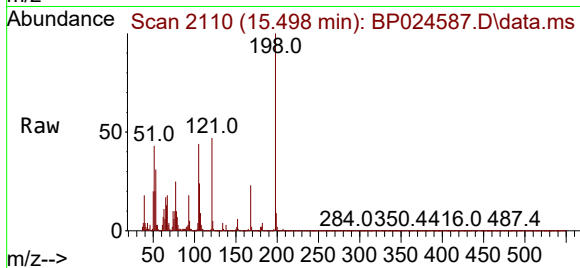




#65
4,6-Dinitro-2-methylphenol
Concen: 49.505 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

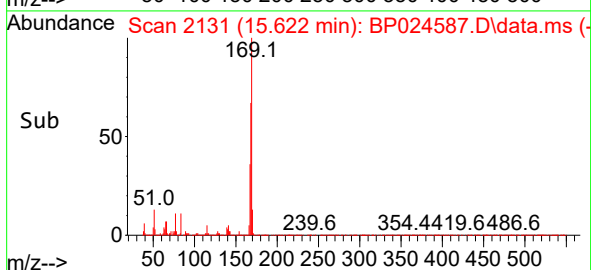
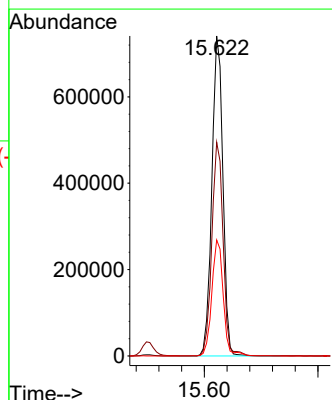
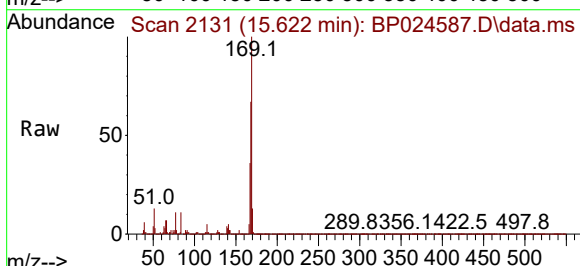
Instrument :
BNA_P
ClientSampleId :
PB167919BS

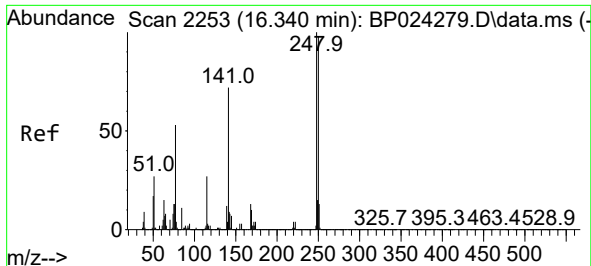
Tgt Ion:198 Resp: 217919
Ion Ratio Lower Upper
198 100
51 42.7 18.4 58.4
105 43.6 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.547 ng
RT: 15.622 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:169 Resp: 990873
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.2 28.9 43.3

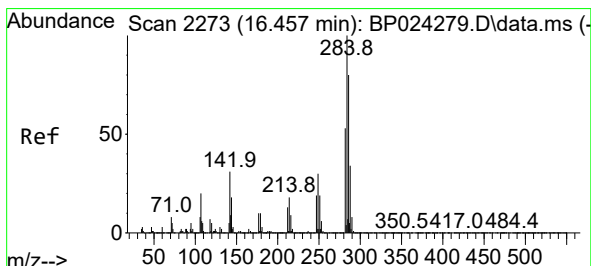
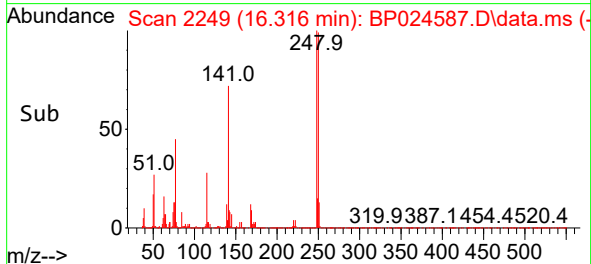
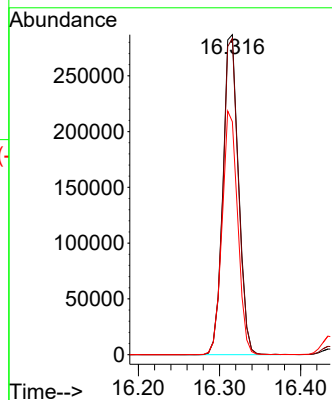
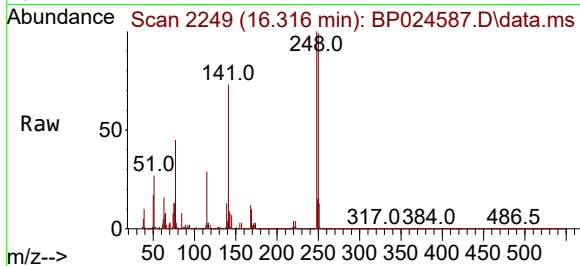




#67
4-Bromophenyl-phenylether
Concen: 50.376 ng
RT: 16.316 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

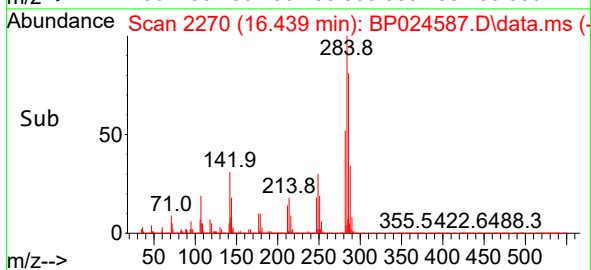
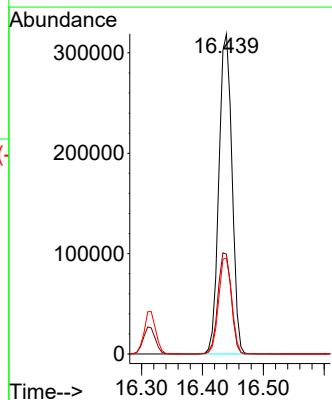
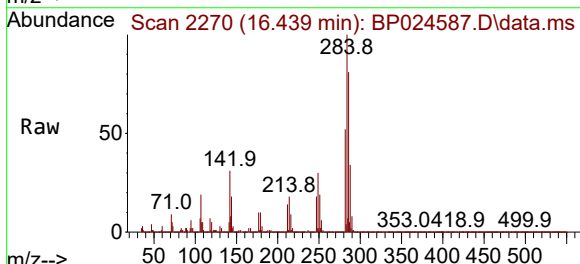
Instrument :
BNA_P
ClientSampleId :
PB167919BS

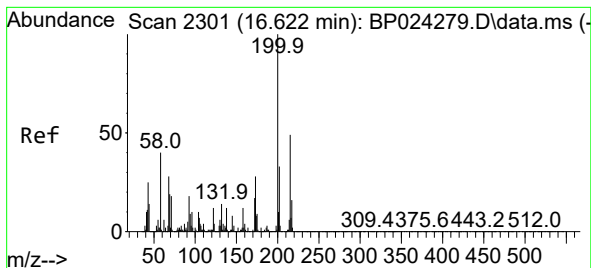
Tgt Ion:248 Resp: 384681
Ion Ratio Lower Upper
248 100
250 98.8 78.2 117.4
141 72.8 57.7 86.5



#68
Hexachlorobenzene
Concen: 52.278 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.018 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:284 Resp: 474366
Ion Ratio Lower Upper
284 100
142 31.2 24.6 37.0
249 30.0 23.8 35.6





#69

Atrazine

Concen: 68.456 ng

RT: 16.604 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

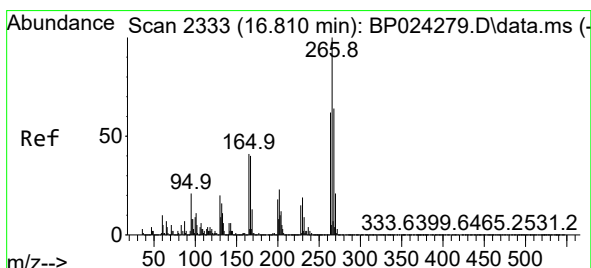
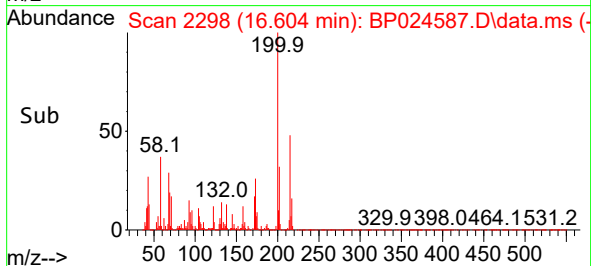
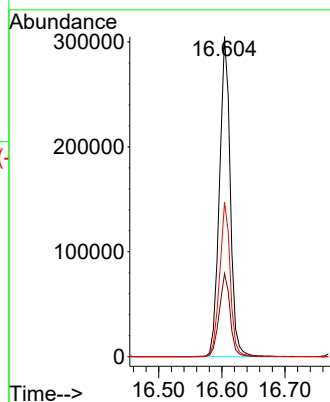
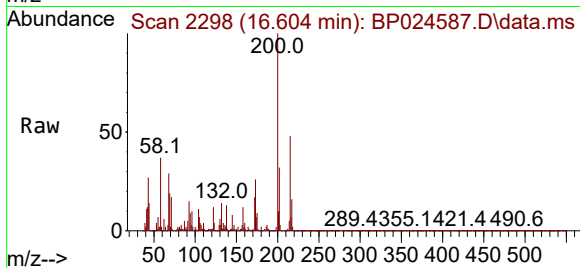
Tgt Ion:200 Resp: 363348

Ion Ratio Lower Upper

200 100

173 26.0 7.5 47.5

215 48.2 28.8 68.8



#70

Pentachlorophenol

Concen: 100.894 ng

RT: 16.792 min Scan# 2330

Delta R.T. 0.012 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

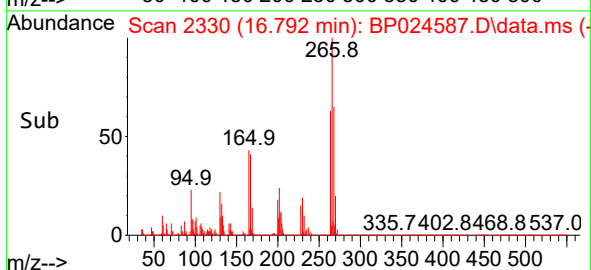
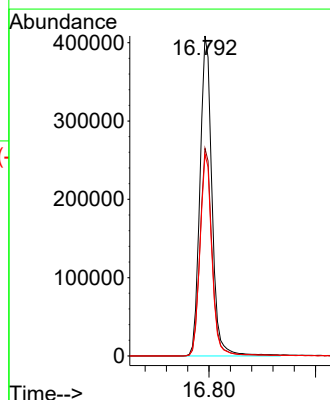
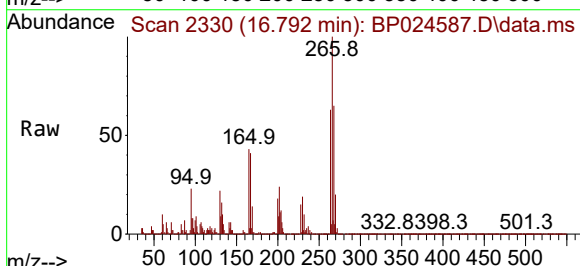
Tgt Ion:266 Resp: 638678

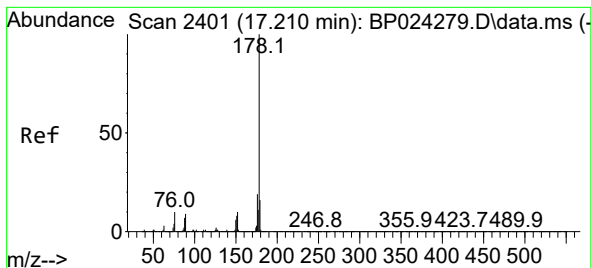
Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.6

264 63.0 49.8 74.6





#71

Phenanthrene

Concen: 45.715 ng

RT: 17.186 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

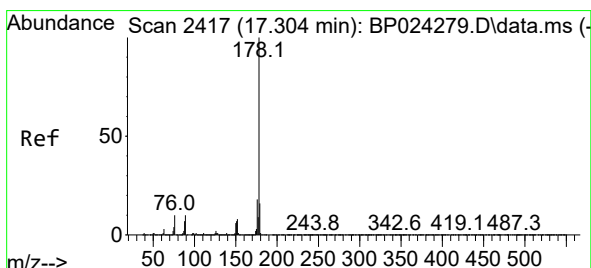
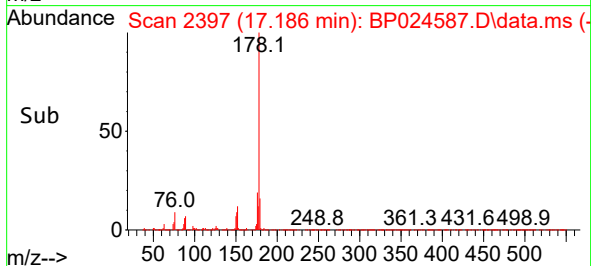
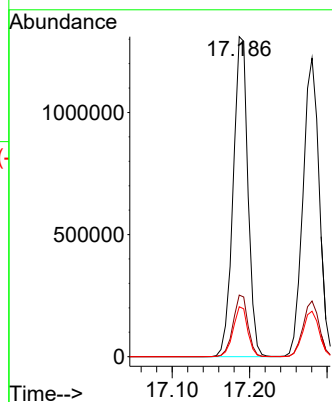
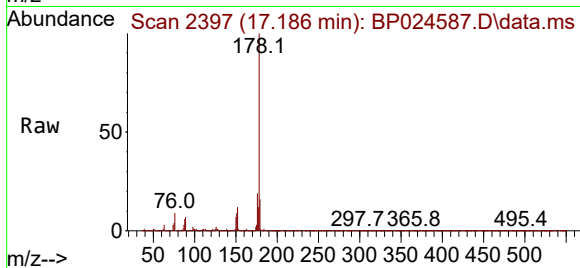
Tgt Ion:178 Resp: 1741246

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.6 12.5 18.7



#72

Anthracene

Concen: 48.712 ng

RT: 17.281 min Scan# 2413

Delta R.T. 0.012 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

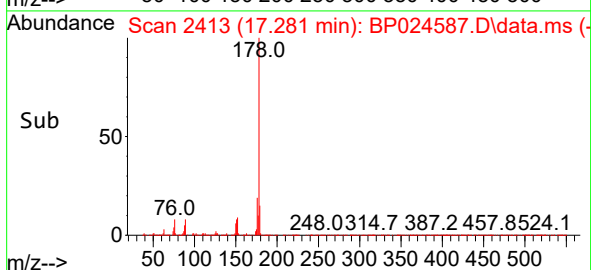
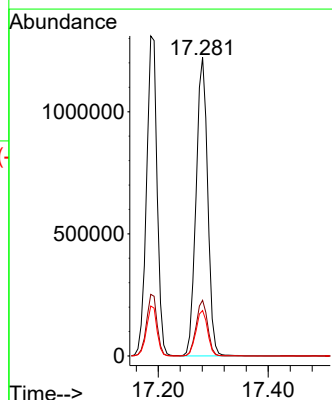
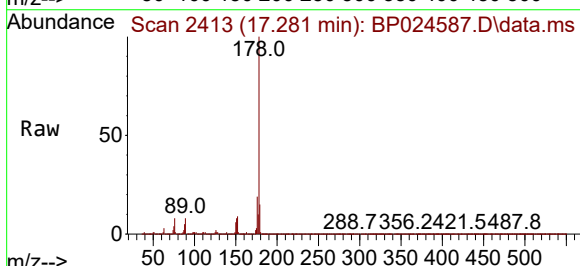
Tgt Ion:178 Resp: 1788203

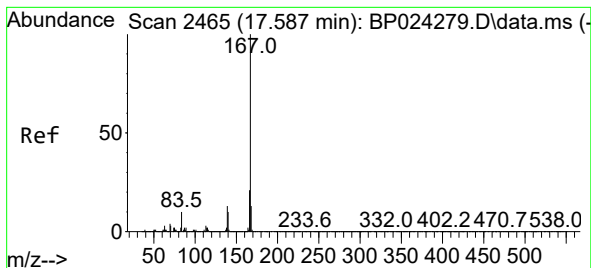
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.2 12.4 18.6





#73

Carbazole

Concen: 46.491 ng

RT: 17.563 min Scan# 2461

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

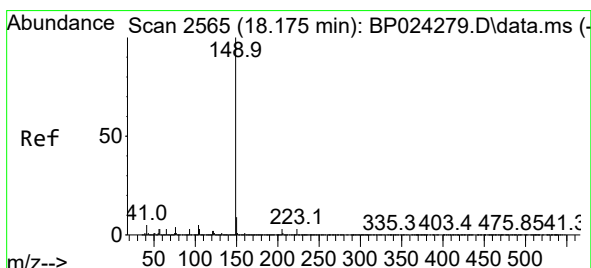
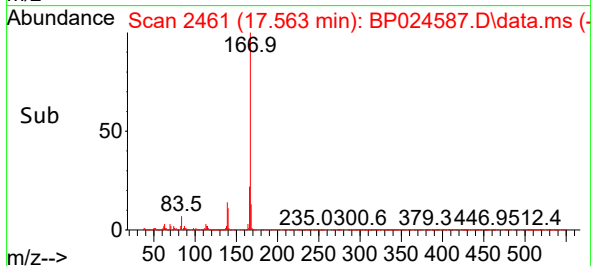
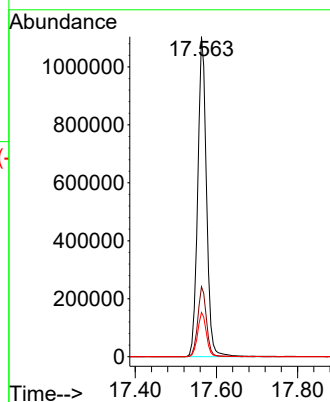
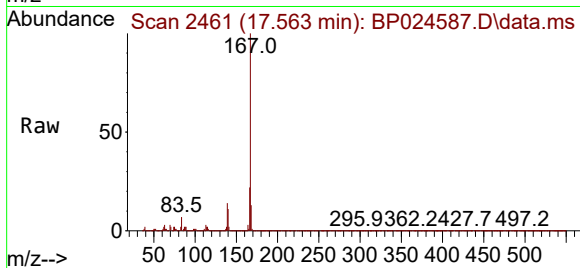
Tgt Ion:167 Resp: 1667584

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.111 ng

RT: 18.151 min Scan# 2561

Delta R.T. 0.018 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

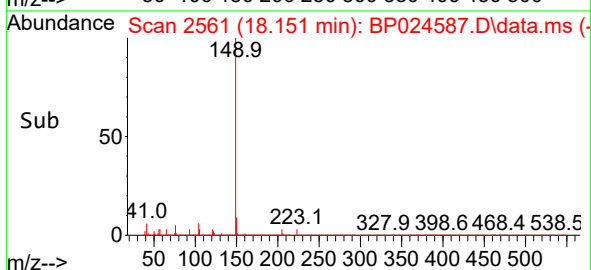
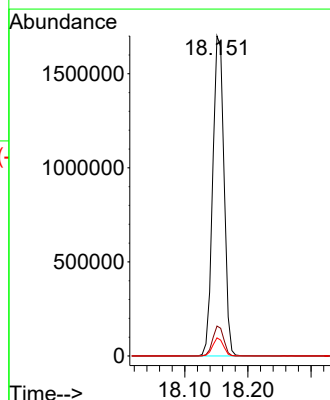
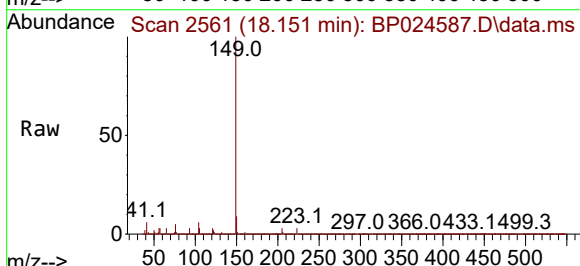
Tgt Ion:149 Resp: 2105286

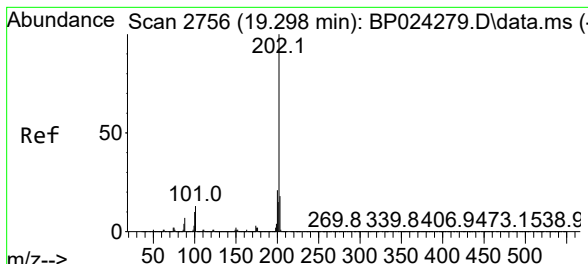
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.7 3.9 5.9

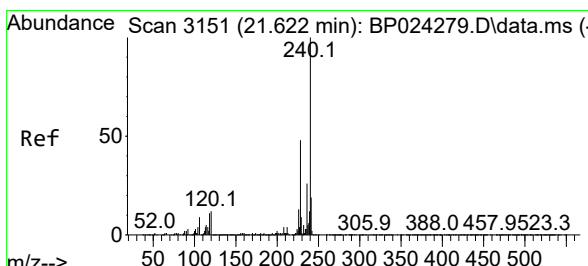
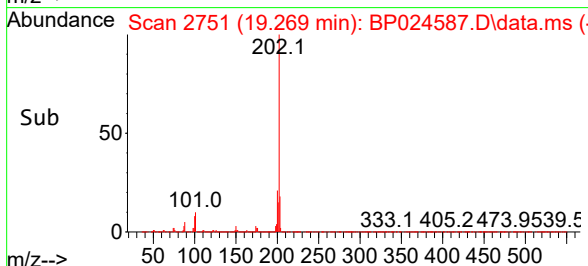
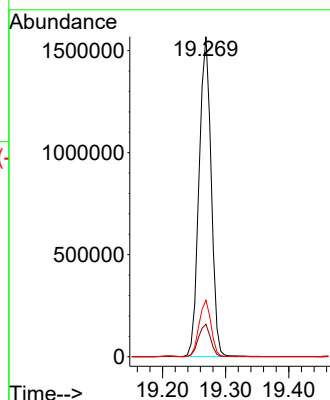
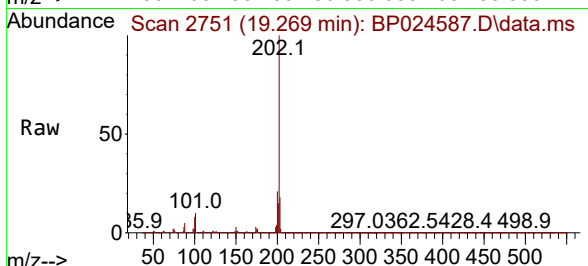




#75
Fluoranthene
Concen: 45.917 ng
RT: 19.269 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

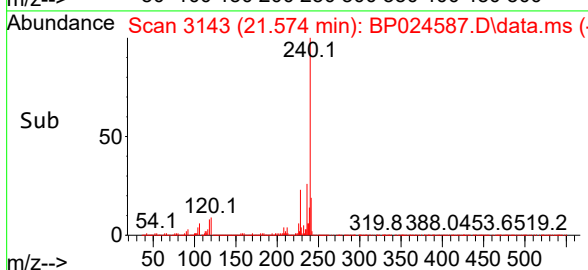
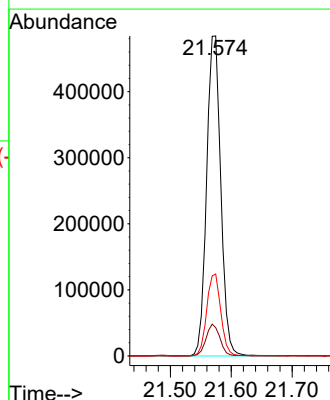
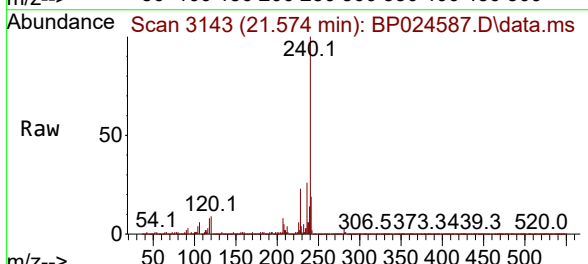
Instrument :
BNA_P
ClientSampleId :
PB167919BS

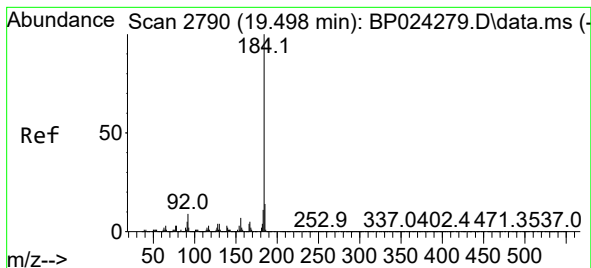
Tgt Ion:202 Resp: 2080078
Ion Ratio Lower Upper
202 100
101 10.2 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024587.D
Acq: 09 May 2025 12:19

Tgt Ion:240 Resp: 780819
Ion Ratio Lower Upper
240 100
120 8.9 9.8 14.8#
236 25.6 20.9 31.3





#77

Benzidine

Concen: 111.492 ng

RT: 19.469 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

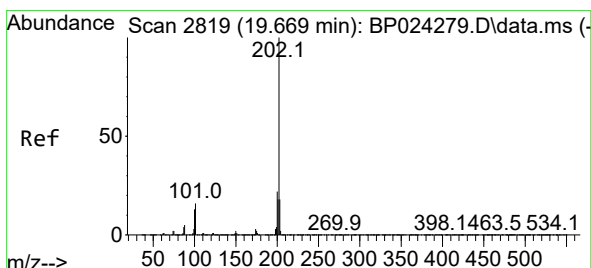
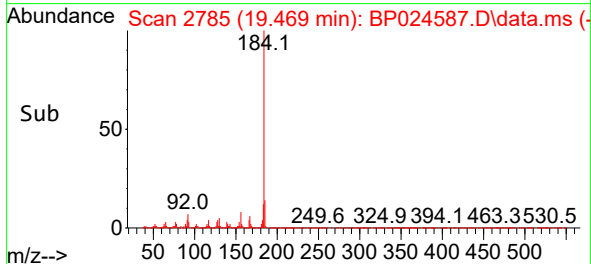
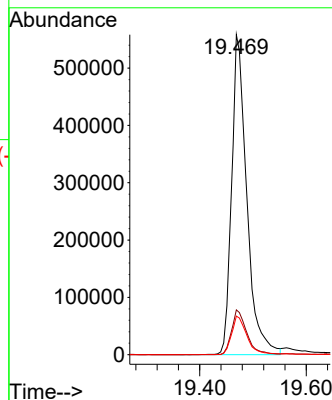
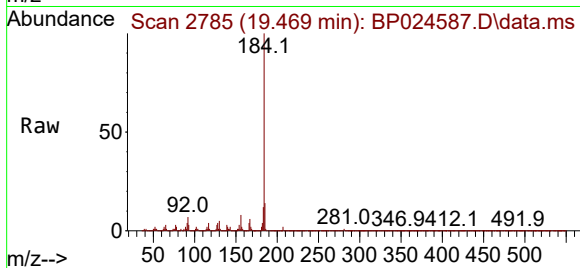
Tgt Ion:184 Resp: 1103493

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 12.1 9.2 13.8



#78

Pyrene

Concen: 42.830 ng

RT: 19.645 min Scan# 2815

Delta R.T. 0.012 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

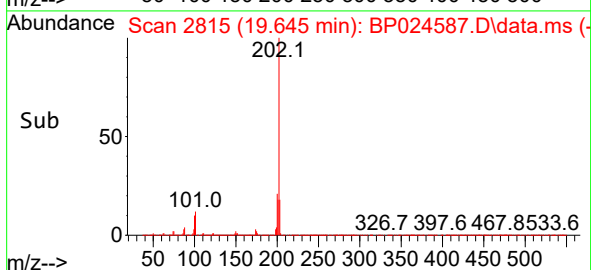
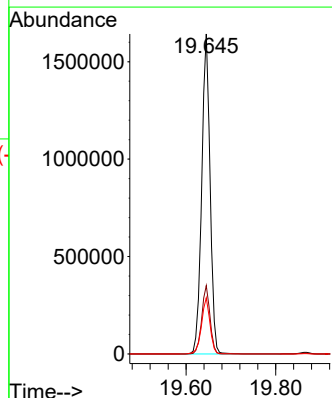
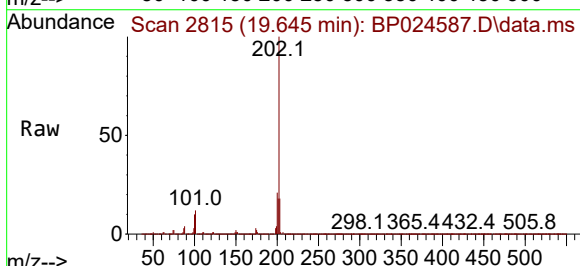
Tgt Ion:202 Resp: 2125316

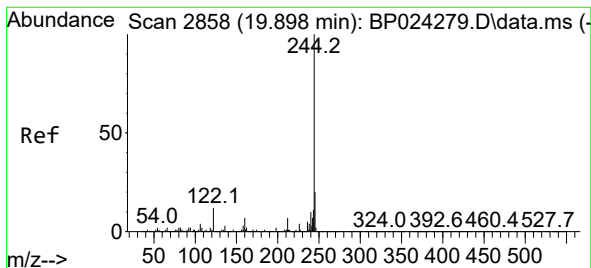
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 90.504 ng

RT: 19.863 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

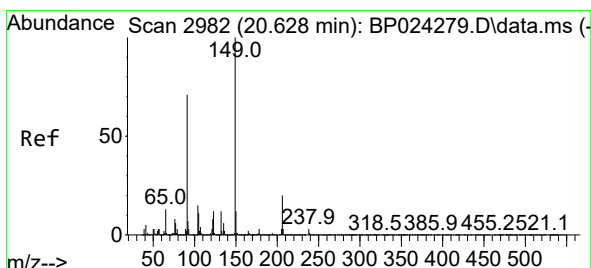
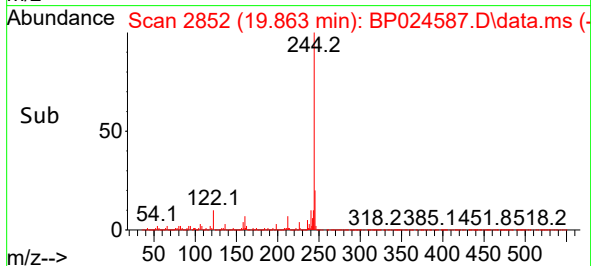
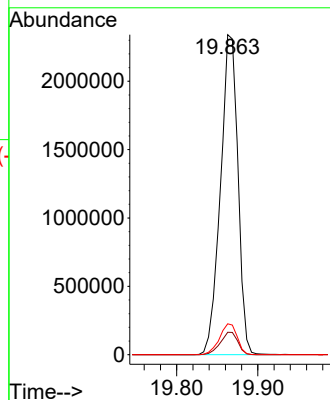
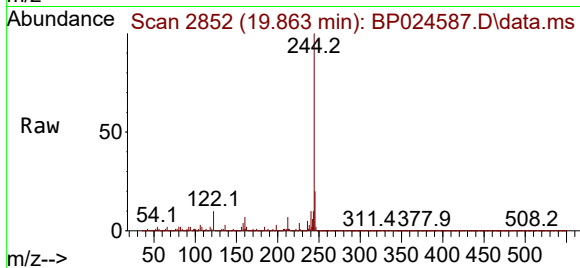
Tgt Ion:244 Resp: 3505964

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.7 9.4 14.0



#80

Butylbenzylphthalate

Concen: 46.147 ng

RT: 20.592 min Scan# 2976

Delta R.T. 0.012 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

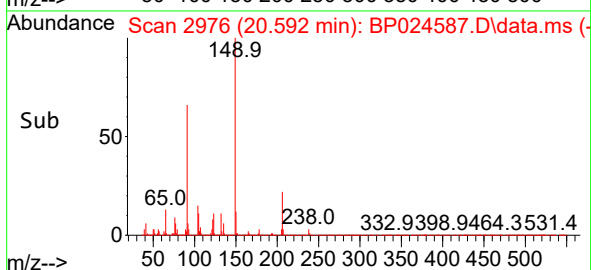
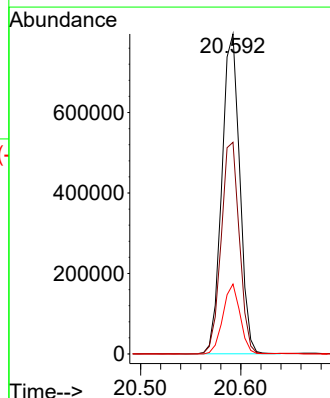
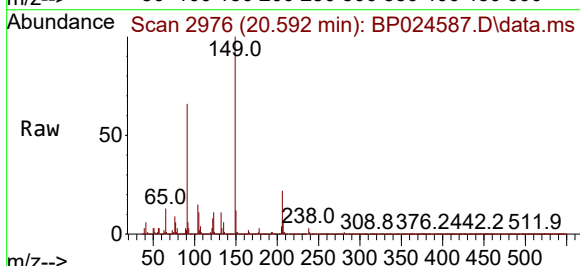
Tgt Ion:149 Resp: 980831

Ion Ratio Lower Upper

149 100

91 66.2 56.4 84.6

206 21.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.464 ng

RT: 21.551 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

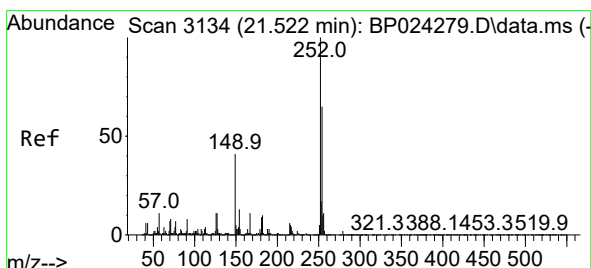
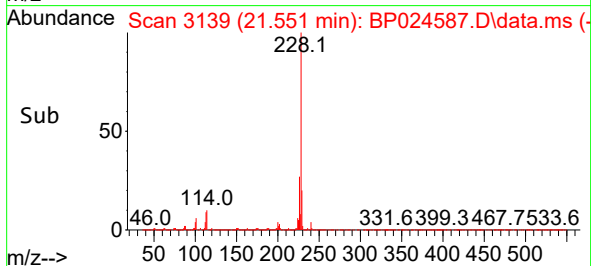
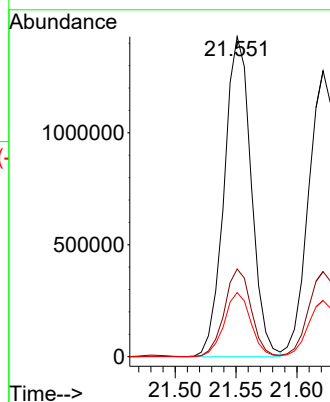
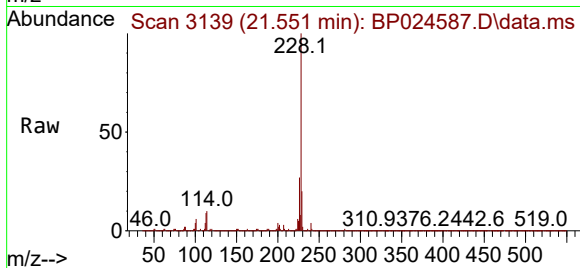
Tgt Ion:228 Resp: 2206484

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 34.122 ng

RT: 21.480 min Scan# 3127

Delta R.T. 0.012 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

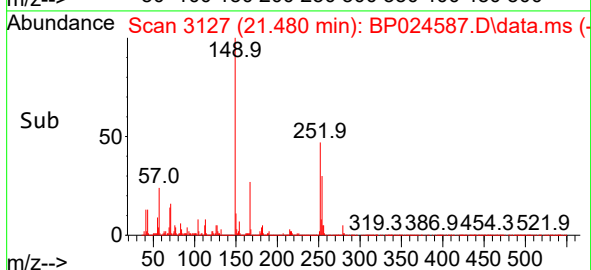
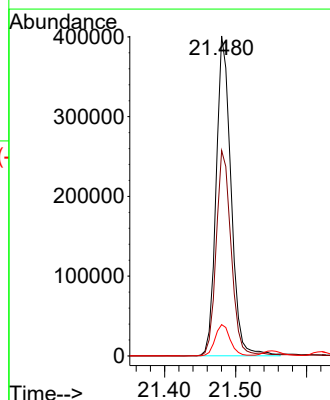
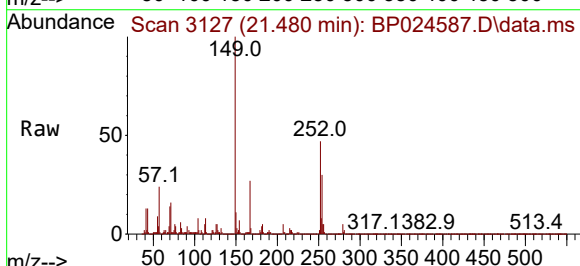
Tgt Ion:252 Resp: 581254

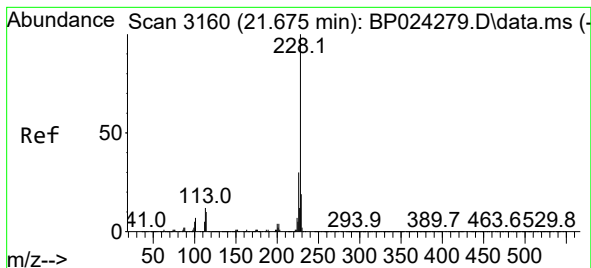
Ion Ratio Lower Upper

252 100

254 64.2 51.7 77.5

126 9.8 8.8 13.2





#83

Chrysene

Concen: 44.702 ng

RT: 21.622 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

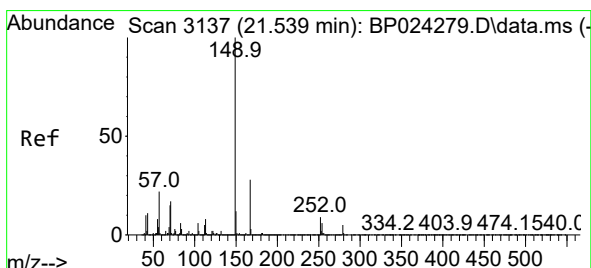
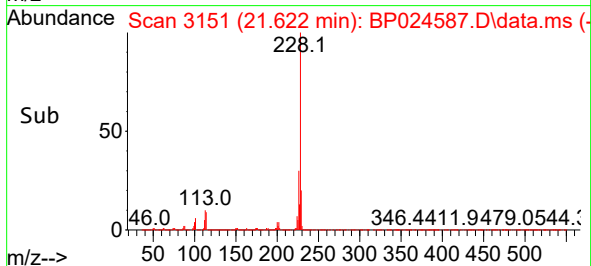
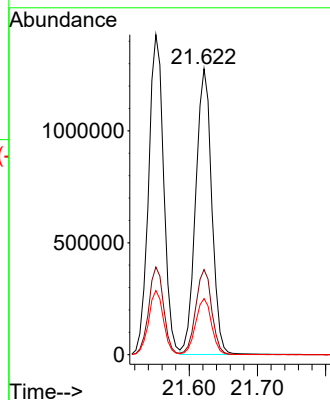
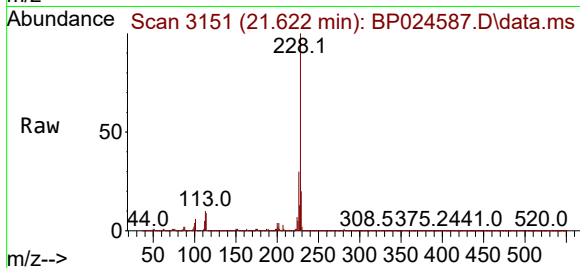
Tgt Ion:228 Resp: 2078504

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.434 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

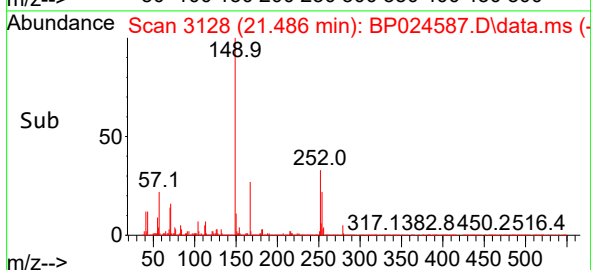
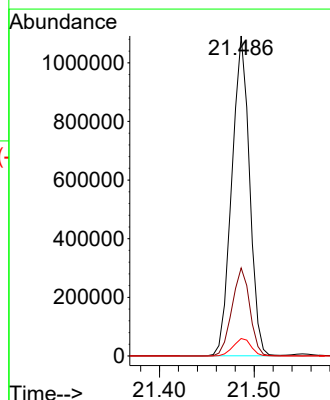
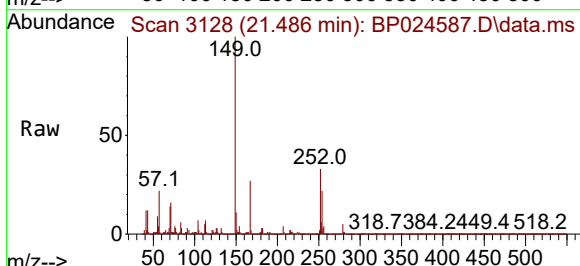
Tgt Ion:149 Resp: 1415629

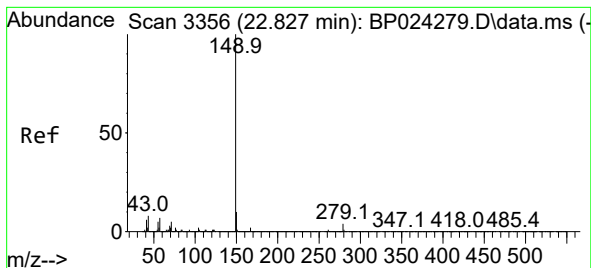
Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 46.792 ng

RT: 22.751 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

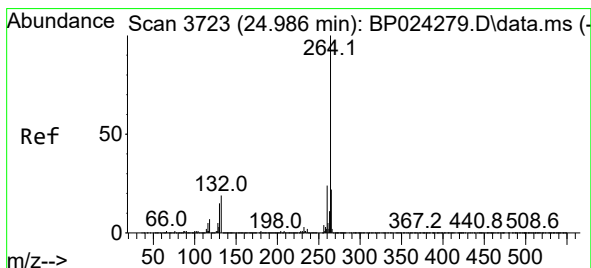
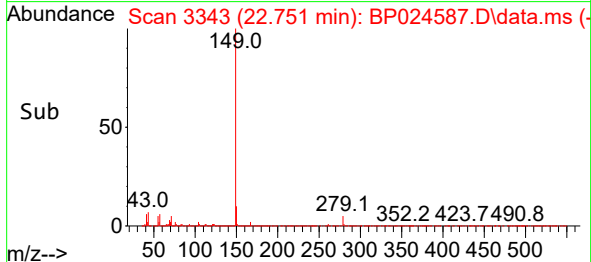
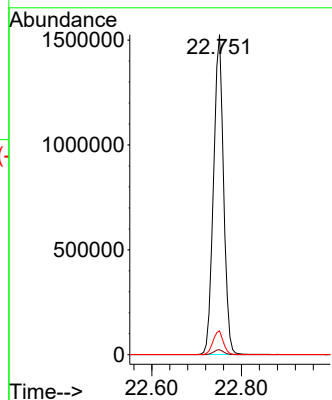
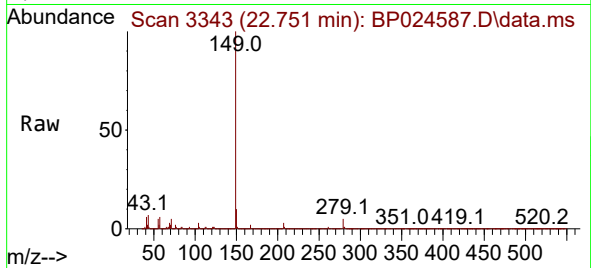
Tgt Ion:149 Resp: 2370198

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.7 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.898 min Scan# 3708

Delta R.T. 0.012 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

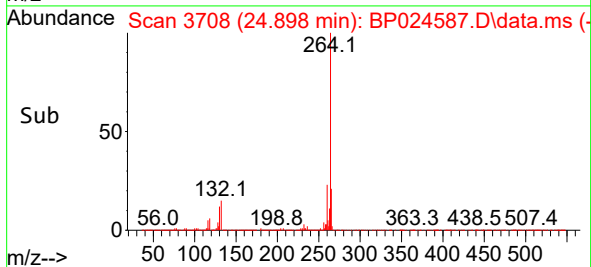
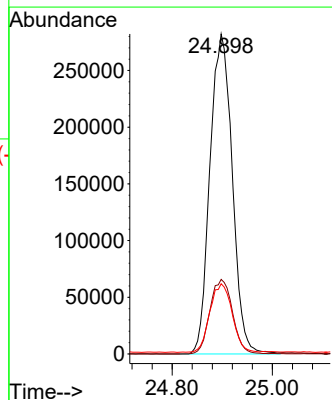
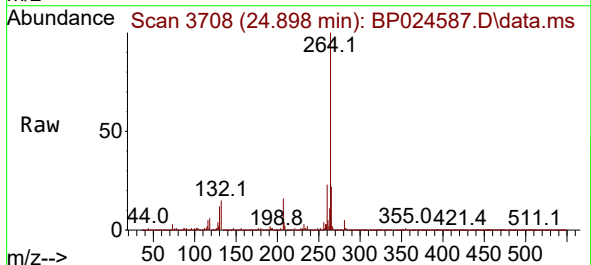
Tgt Ion:264 Resp: 872351

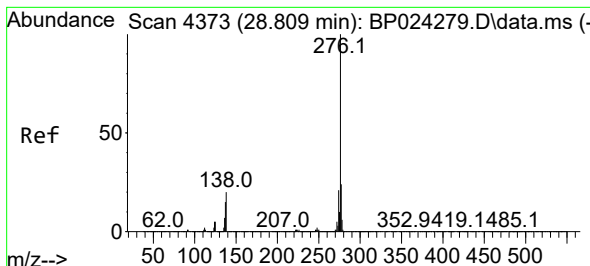
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.156 ng

RT: 28.656 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

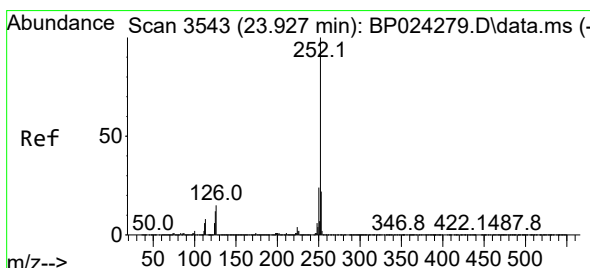
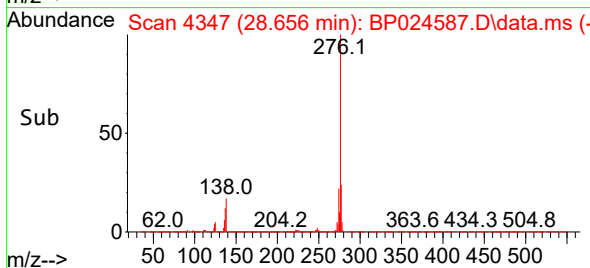
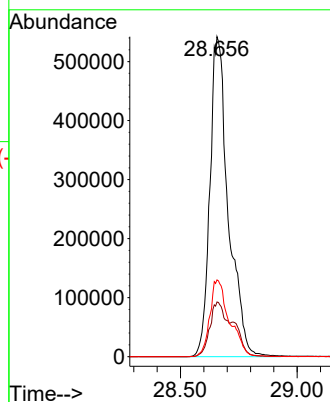
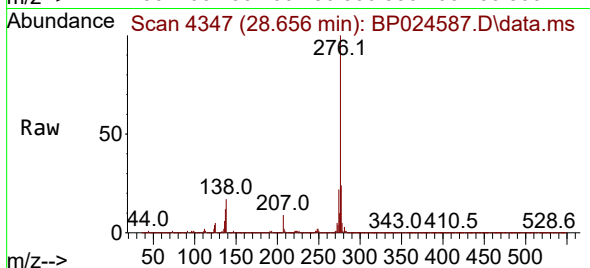
Tgt Ion:276 Resp: 2976994

Ion Ratio Lower Upper

276 100

138 14.9 14.5 21.7

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.655 ng

RT: 23.845 min Scan# 3529

Delta R.T. 0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

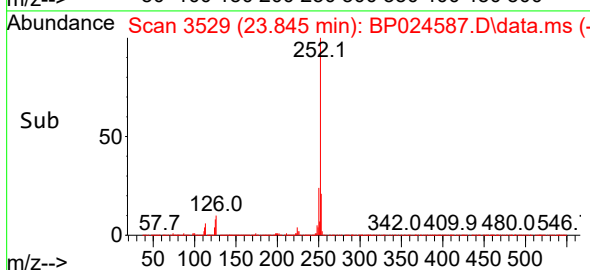
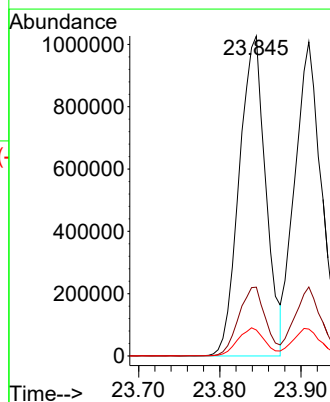
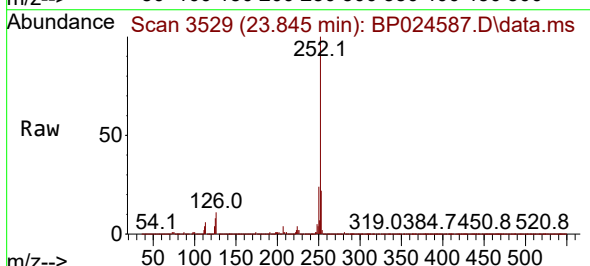
Tgt Ion:252 Resp: 2335012

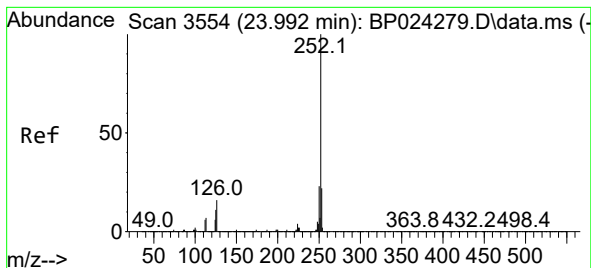
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 8.1 9.4 14.0#





#89

Benzo(k)fluoranthene

Concen: 45.583 ng

RT: 23.910 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

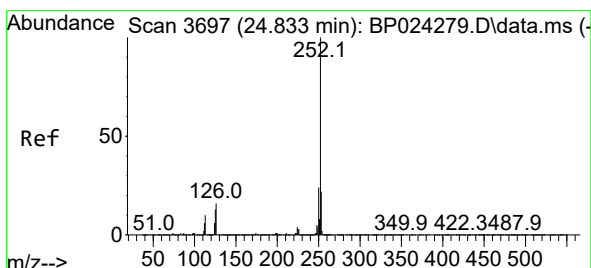
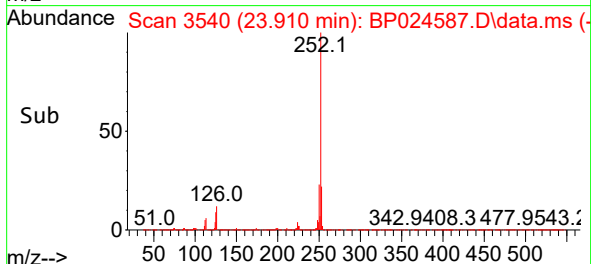
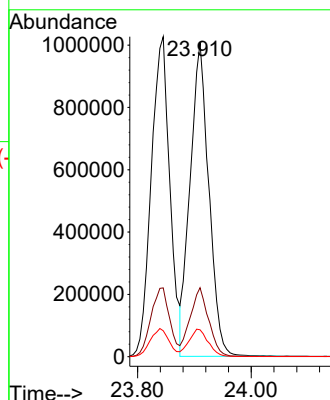
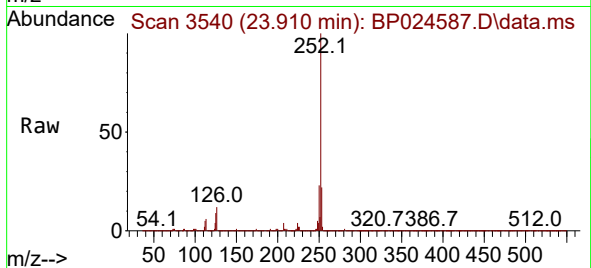
Tgt Ion:252 Resp: 2302361

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.6 9.1 13.7#



#90

Benzo(a)pyrene

Concen: 49.011 ng

RT: 24.745 min Scan# 3682

Delta R.T. 0.018 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

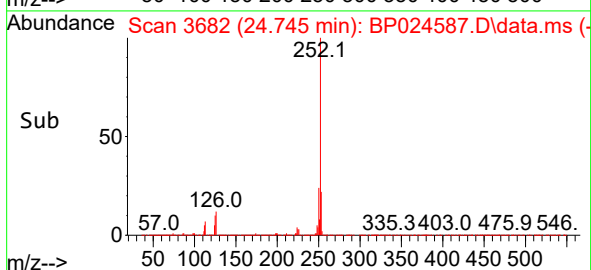
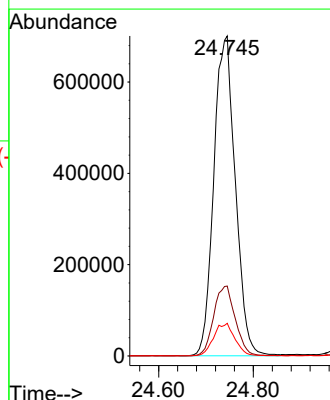
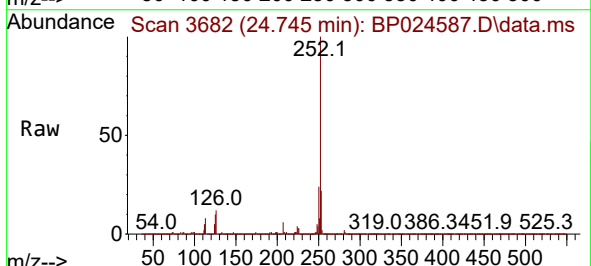
Tgt Ion:252 Resp: 2210642

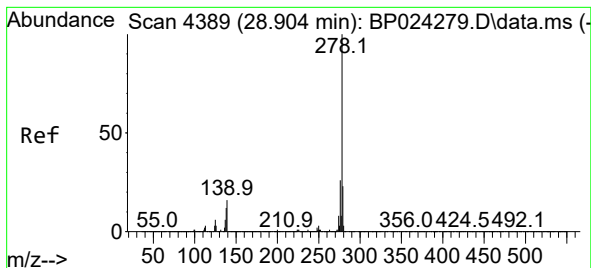
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 48.664 ng

RT: 28.733 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Instrument :

BNA_P

ClientSampleId :

PB167919BS

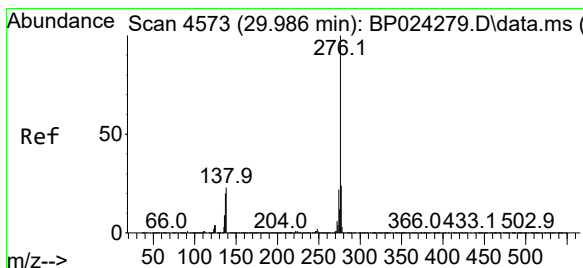
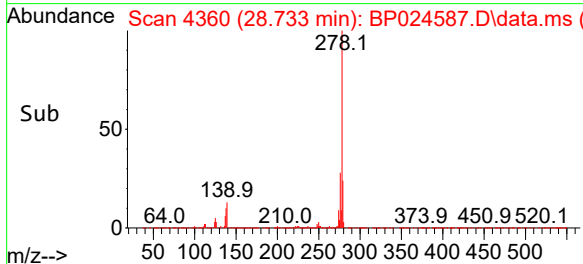
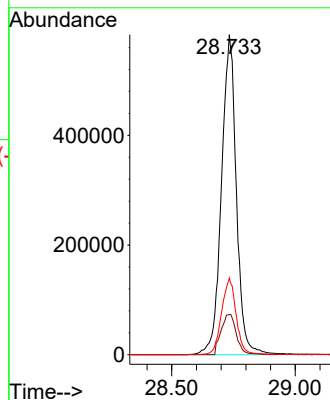
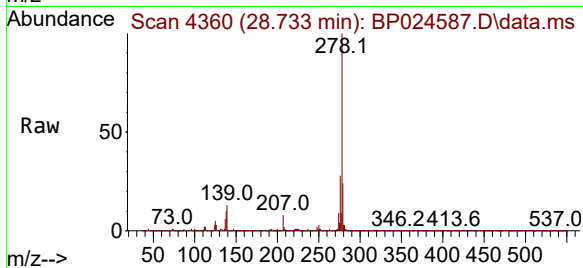
Tgt Ion:278 Resp: 2446246

Ion Ratio Lower Upper

278 100

139 12.5 12.6 19.0#

279 23.9 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.587 ng

RT: 29.821 min Scan# 4545

Delta R.T. -0.006 min

Lab File: BP024587.D

Acq: 09 May 2025 12:19

Tgt Ion:276 Resp: 2383662

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 17.8 18.7 28.1#

