

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024827.D
 Acq On : 29 May 2025 13:20
 Operator : RC/JU
 Sample : PB168184BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168184BS

Quant Time: May 29 13:42:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	120501	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	474220	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	296587	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	612399	20.000	ng	0.01
76) Chrysene-d12	21.504	240	735824	20.000	ng	0.01
86) Perylene-d12	24.768	264	908609	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	946734	134.378	ng	0.00
7) Phenol-d6	6.852	99	1142460	127.056	ng	0.00
23) Nitrobenzene-d5	8.799	82	687962	73.300	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	767207	152.587	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	1802669	79.630	ng	0.00
79) Terphenyl-d14	19.804	244	3350797	78.084	ng	0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.217	88	106249	32.116	ng 99
3) Pyridine	3.611	79	248857	33.924	ng 96
4) n-Nitrosodimethylamine	3.522	42	127156	39.264	ng 92
6) Aniline	6.993	93	280066	24.125	ng 98
8) 2-Chlorophenol	7.222	128	359709	44.975	ng 97
9) Benzaldehyde	6.805	77	178977	30.748	ng 95
10) Phenol	6.875	94	396393	42.712	ng 99
11) bis(2-Chloroethyl)ether	7.081	93	283076	37.120	ng 99
12) 1,3-Dichlorobenzene	7.534	146	383385	41.665	ng 98
13) 1,4-Dichlorobenzene	7.681	146	392972	42.462	ng 99
14) 1,2-Dichlorobenzene	7.993	146	377066	41.812	ng 99
15) Benzyl Alcohol	7.893	79	282584	41.356	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.163	45	331170	36.262	ng 99
17) 2-Methylphenol	8.105	107	283890	42.649	ng 98
18) Hexachloroethane	8.705	117	141419	39.876	ng 97
19) n-Nitroso-di-n-propyla...	8.446	70	219170	35.237	ng 97
20) 3+4-Methylphenols	8.428	107	385398	42.564	ng 98
22) Acetophenone	8.463	105	490249	41.386	ng 99
24) Nitrobenzene	8.840	77	335335	40.600	ng 94
25) Isophorone	9.363	82	628415	38.599	ng 97
26) 2-Nitrophenol	9.546	139	194805	48.133	ng 97
27) 2,4-Dimethylphenol	9.616	122	326531	45.760	ng 99
28) bis(2-Chloroethoxy)met...	9.834	93	382961	39.373	ng 99
29) 2,4-Dichlorophenol	10.093	162	328822	47.553	ng 96
30) 1,2,4-Trichlorobenzene	10.281	180	349199	44.813	ng 96
31) Naphthalene	10.469	128	1063462	43.275	ng 100
32) Benzoic acid	9.793	122	224504	45.630	ng 97
33) 4-Chloroaniline	10.593	127	169938	17.137	ng 97
34) Hexachlorobutadiene	10.746	225	224743	44.522	ng 99
35) Caprolactam	11.393	113	114491	45.763	ng 91
36) 4-Chloro-3-methylphenol	11.728	107	370946	43.989	ng 97
37) 2-Methylnaphthalene	12.081	142	675124	42.428	ng 98
38) 1-Methylnaphthalene	12.304	142	710827	41.750	ng 99
40) 1,2,4,5-Tetrachloroben...	12.451	216	390142	45.299	ng 99
41) Hexachlorocyclopentadiene	12.428	237	519284	99.435	ng 98
43) 2,4,6-Trichlorophenol	12.710	196	274857	49.271	ng 100

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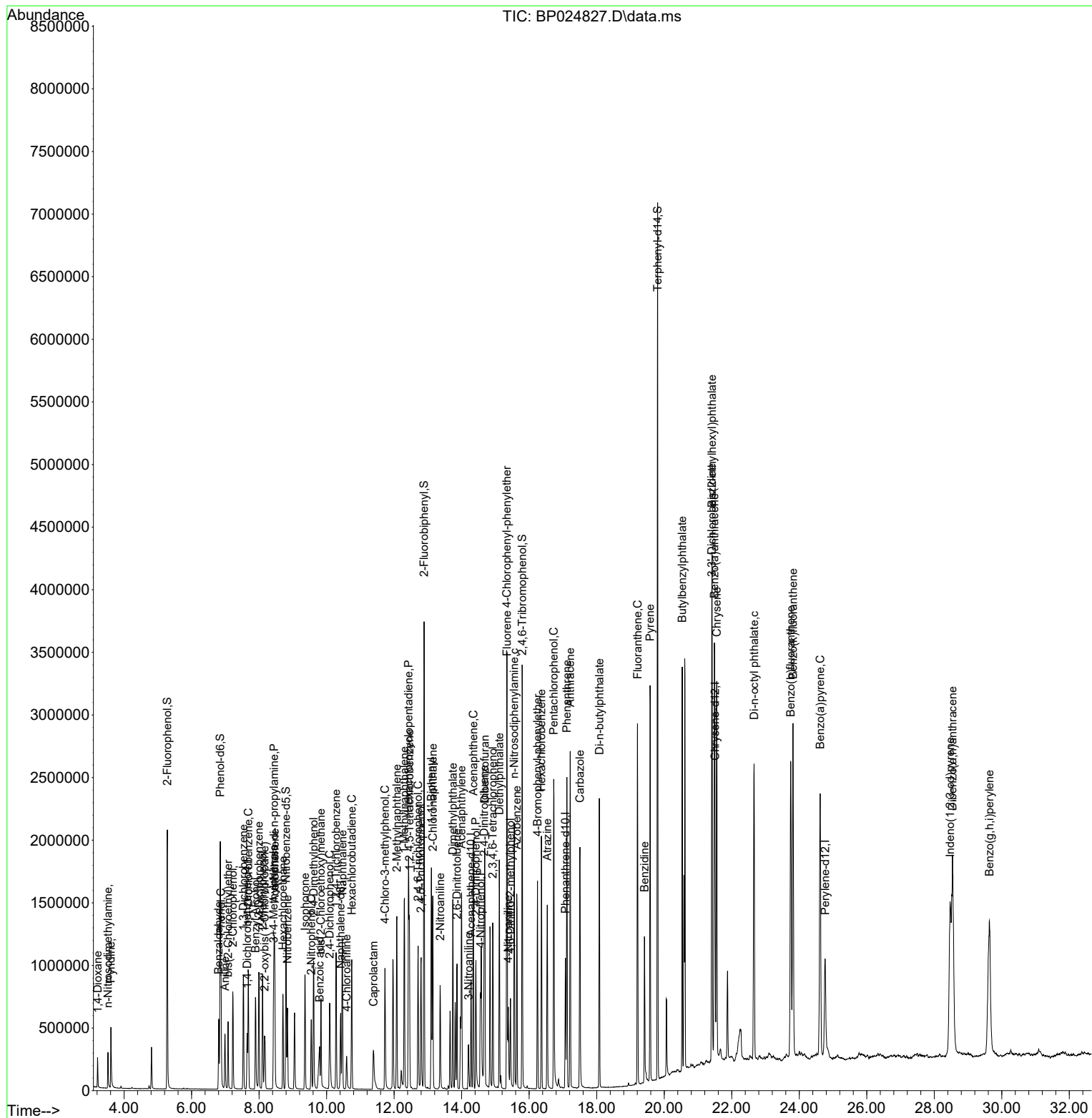
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	307502	49.521	ng	96
46) 1,1'-Biphenyl	13.104	154	968300	44.172	ng	99
47) 2-Chloronaphthalene	13.145	162	735714	44.017	ng	99
48) 2-Nitroaniline	13.363	65	212878	43.019	ng	94
49) Acenaphthylene	13.998	152	1219040	43.583	ng	99
50) Dimethylphthalate	13.740	163	970954	42.951	ng	99
51) 2,6-Dinitrotoluene	13.863	165	216123	45.268	ng	95
52) Acenaphthene	14.345	154	694750	43.206	ng	100
53) 3-Nitroaniline	14.204	138	113726	23.329	ng	96
54) 2,4-Dinitrophenol	14.422	184	280591	92.145	ng	93
55) Dibenzofuran	14.687	168	1131647	44.121	ng	98
56) 4-Nitrophenol	14.557	139	338536	80.203	ng	98
57) 2,4-Dinitrotoluene	14.669	165	320678	47.643	ng	96
58) Fluorene	15.345	166	935661	44.739	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.922	232	279475	48.518	ng	96
60) Diethylphthalate	15.116	149	1002820	43.891	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	469109	44.978	ng	97
62) 4-Nitroaniline	15.381	138	228255	48.492	ng	99
63) Azobenzene	15.634	77	793328	40.588	ng	95
65) 4,6-Dinitro-2-methylph...	15.445	198	189294	47.853	ng	98
66) n-Nitrosodiphenylamine	15.557	169	829619	44.104	ng	97
67) 4-Bromophenyl-phenylether	16.245	248	326764	45.282	ng	97
68) Hexachlorobenzene	16.363	284	426852	46.551	ng	96
69) Atrazine	16.539	200	325870	47.272	ng	99
70) Pentachlorophenol	16.728	266	548951	106.649	ng	98
71) Phenanthrene	17.116	178	1468859	43.146	ng	100
72) Anthracene	17.216	178	1552121	45.314	ng	100
73) Carbazole	17.504	167	1439509	46.433	ng	100
74) Di-n-butylphthalate	18.081	149	1784907	44.767	ng	99
75) Fluoranthene	19.210	202	1829753	45.979	ng	99
77) Benzidine	19.416	184	709445	35.400	ng	98
78) Pyrene	19.580	202	1846623	41.884	ng	100
80) Butylbenzylphthalate	20.533	149	899193	45.858	ng	93
81) Benzo(a)anthracene	21.486	228	2053772	44.451	ng	99
82) 3,3'-Dichlorobenzidine	21.410	252	556448	32.425	ng	99
83) Chrysene	21.557	228	1929656	44.057	ng	100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1315201	45.634	ng	99
85) Di-n-octyl phthalate	22.663	149	2369537	50.277	ng	98
87) Indeno(1,2,3-cd)pyrene	28.468	276	2999886	45.224	ng	# 89
88) Benzo(b)fluoranthene	23.745	252	2286762	43.970	ng	99
89) Benzo(k)fluoranthene	23.816	252	2315195	43.202	ng	99
90) Benzo(a)pyrene	24.621	252	2233888	44.724	ng	99
91) Dibenzo(a,h)anthracene	28.539	278	2462932	45.640	ng	99
92) Benzo(g,h,i)perylene	29.633	276	2397579	44.677	ng	98

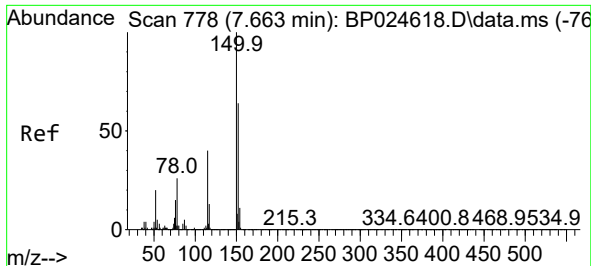
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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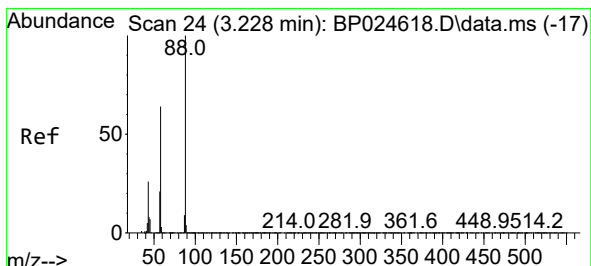
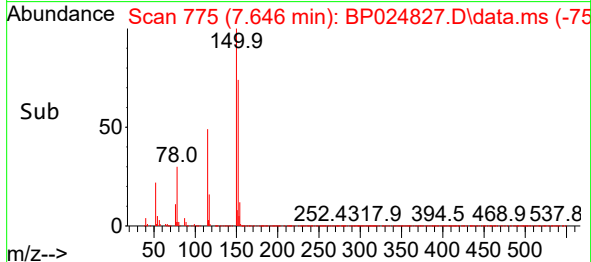
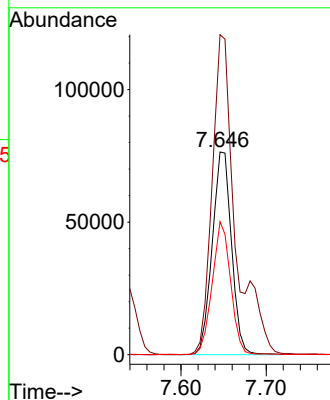
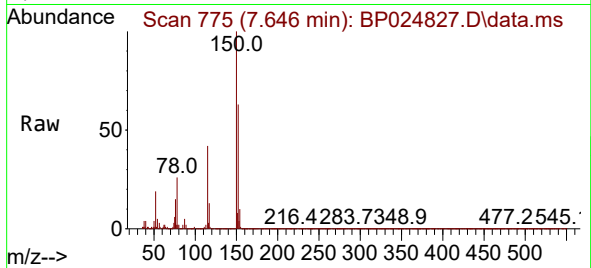




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

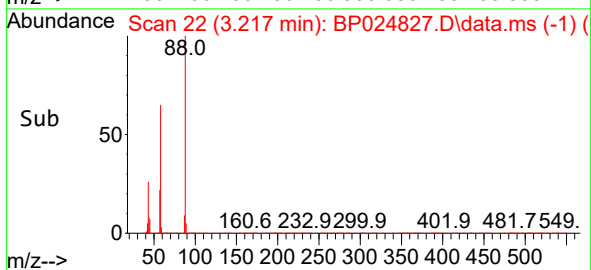
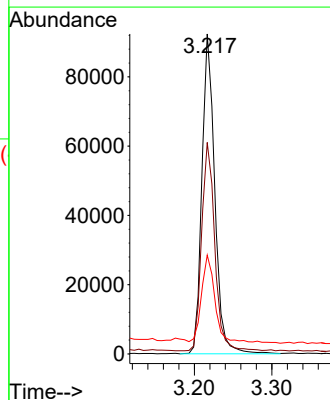
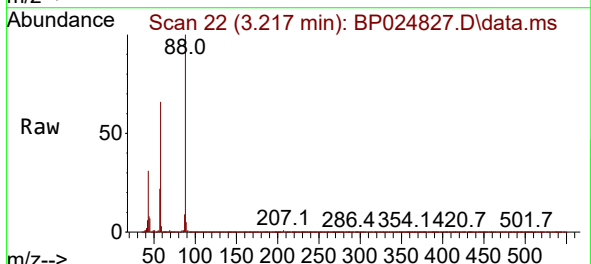
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BNA_P
ClientSampleId :
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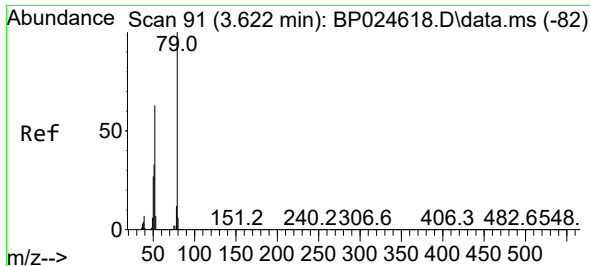
Tgt Ion:152 Resp: 120501
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 65.6 50.1 75.1



#2
1,4-Dioxane
Concen: 32.116 ng
RT: 3.217 min Scan# 22
Delta R.T. -0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 88 Resp: 106249
Ion Ratio Lower Upper
88 100
58 66.6 54.0 81.0
43 27.5 21.4 32.0

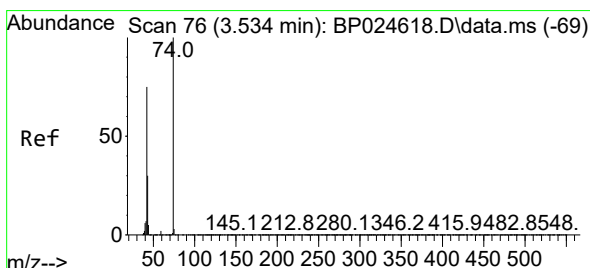
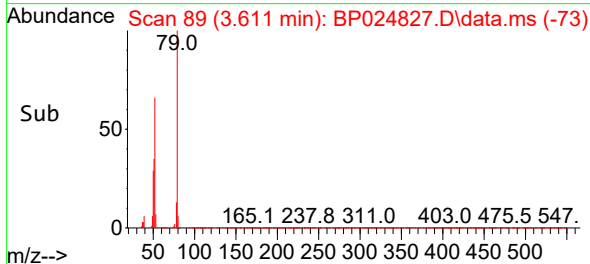
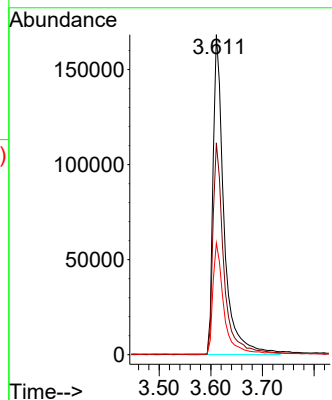
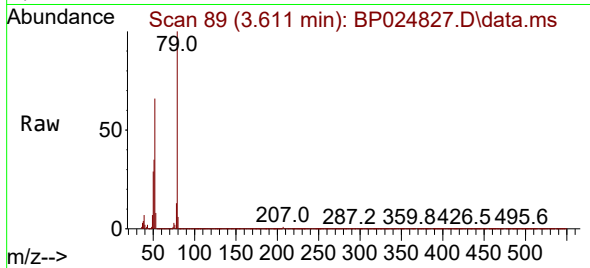




#3
 Pyridine
 Concen: 33.924 ng
 RT: 3.611 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BP024827.D
 Acq: 29 May 2025 13:20

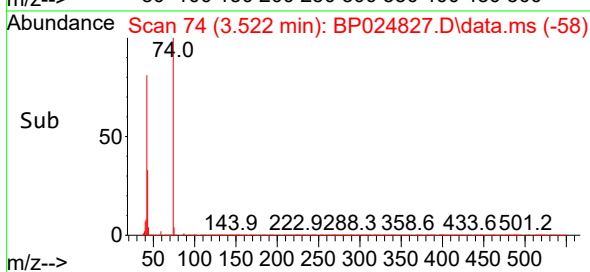
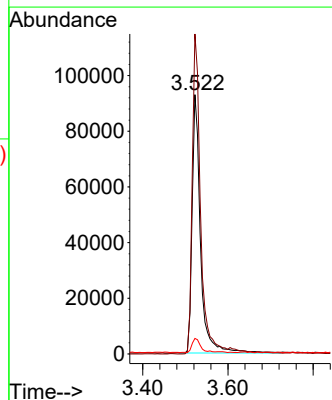
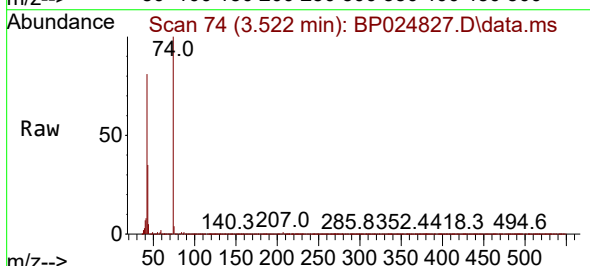
Instrument :
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 ClientSampleId :
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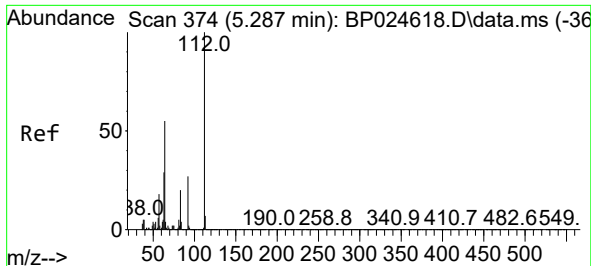
Tgt Ion: 79 Resp: 248857
 Ion Ratio Lower Upper
 79 100
 52 66.2 50.2 75.2
 51 34.9 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 39.264 ng
 RT: 3.522 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BP024827.D
 Acq: 29 May 2025 13:20

Tgt Ion: 42 Resp: 127156
 Ion Ratio Lower Upper
 42 100
 74 123.4 106.2 159.2
 44 6.0 5.4 8.2

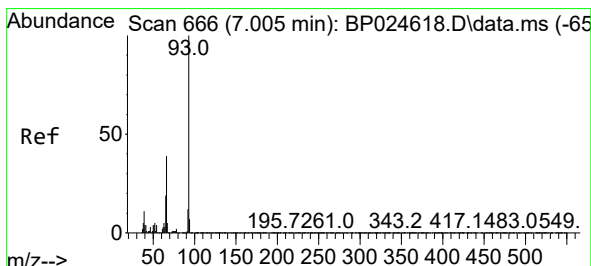
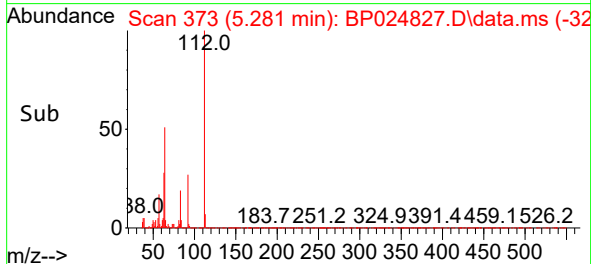
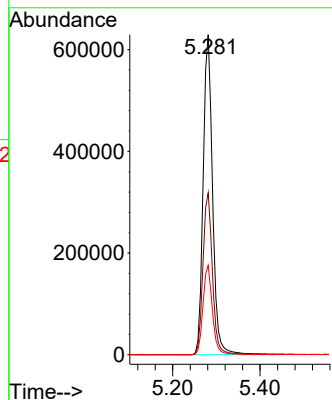
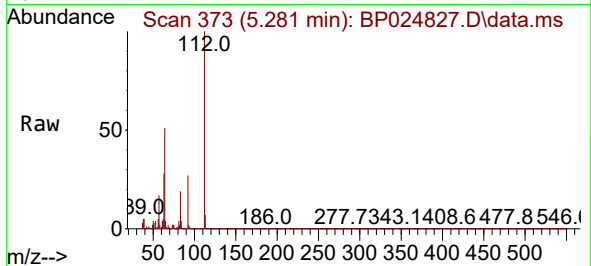




#5
2-Fluorophenol
Concen: 134.378 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

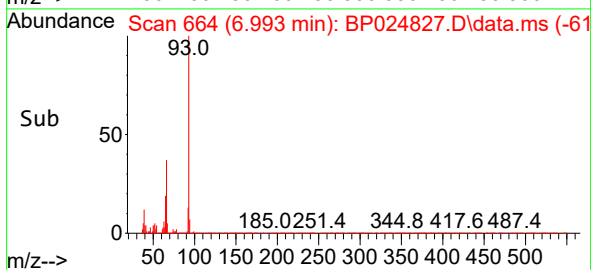
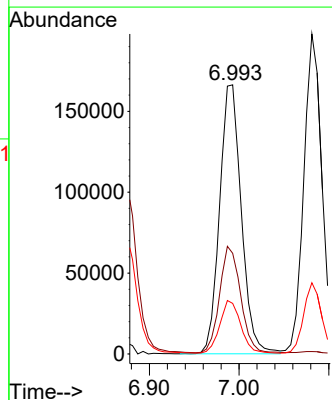
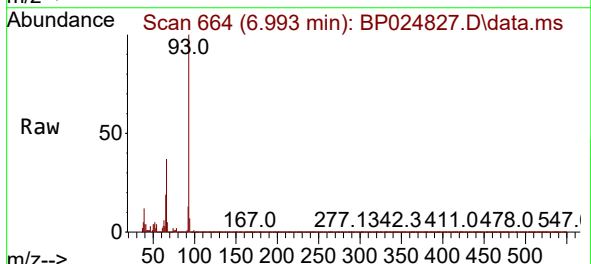
Instrument :
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ClientSampleId :
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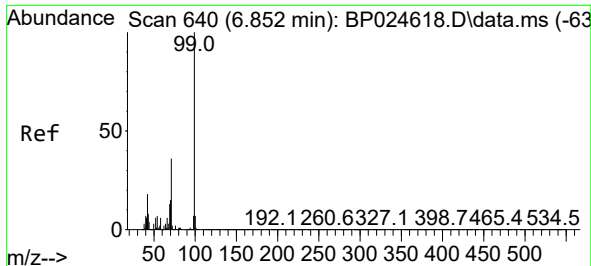
Tgt Ion:112 Resp: 946734
Ion Ratio Lower Upper
112 100
64 50.6 44.1 66.1
63 27.9 23.5 35.3



#6
Aniline
Concen: 24.125 ng
RT: 6.993 min Scan# 664
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 93 Resp: 280066
Ion Ratio Lower Upper
93 100
66 37.4 31.0 46.6
65 18.8 15.5 23.3



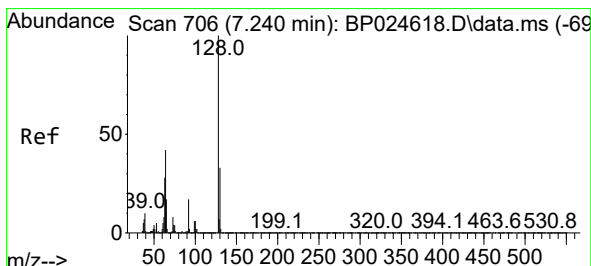
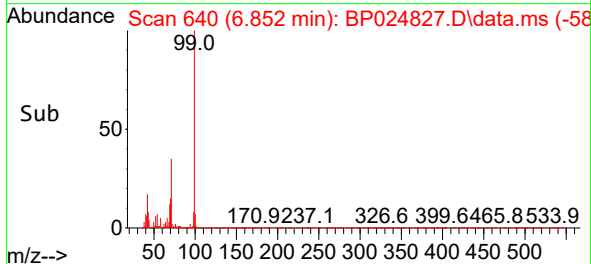
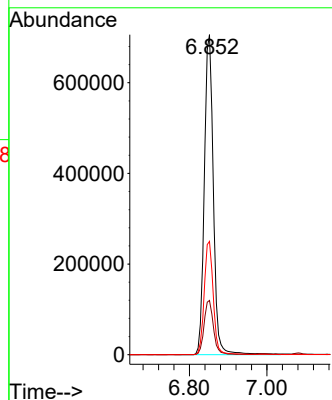
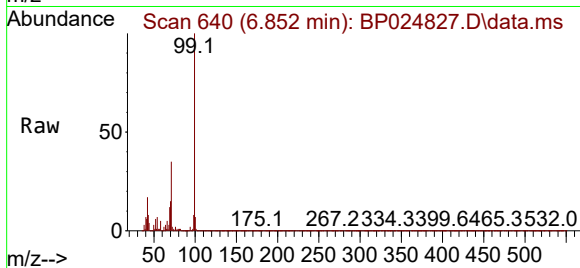


#7
Phenol-d6
Concen: 127.056 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 1142460

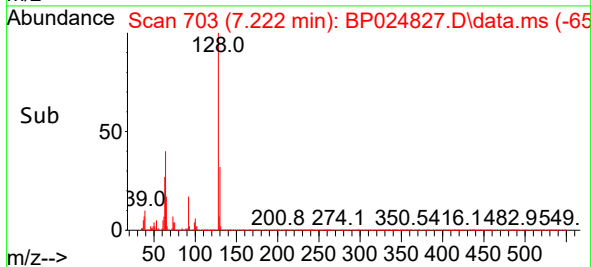
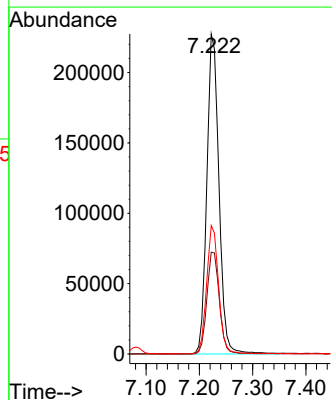
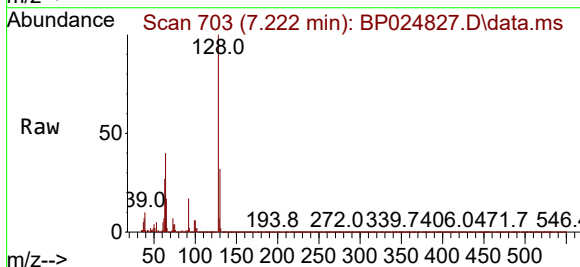
Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.4	21.6
71	35.4	29.2	43.8

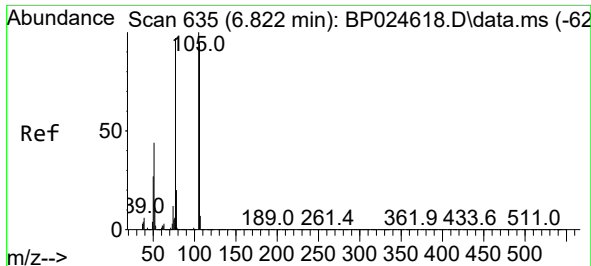


#8
2-Chlorophenol
Concen: 44.975 ng
RT: 7.222 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 128 Resp: 359709

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	40.1	22.3	62.3

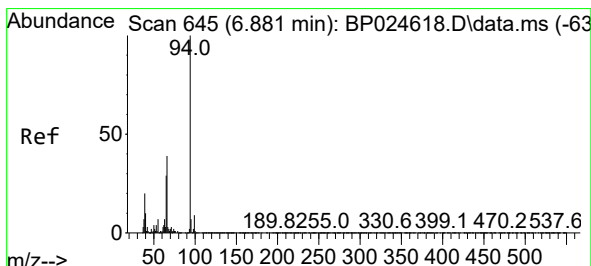
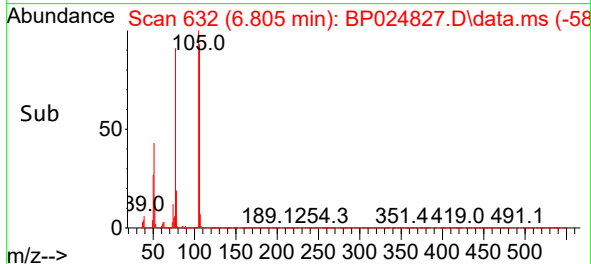
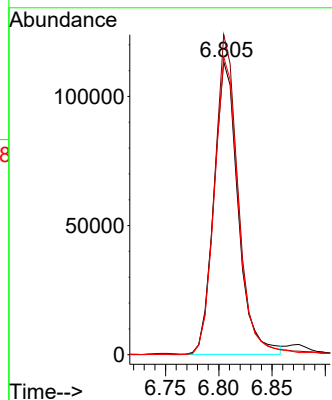
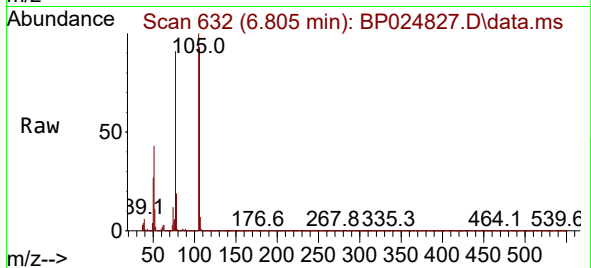




#9
Benzaldehyde
Concen: 30.748 ng
RT: 6.805 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

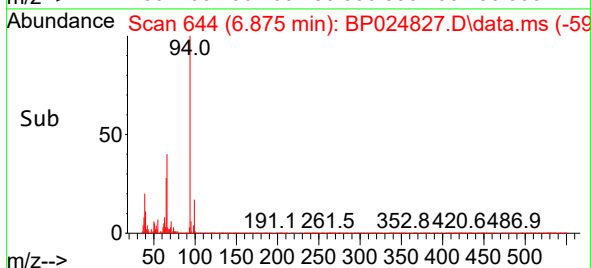
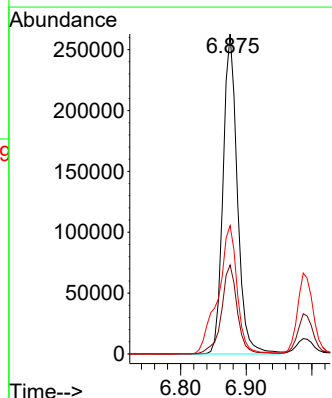
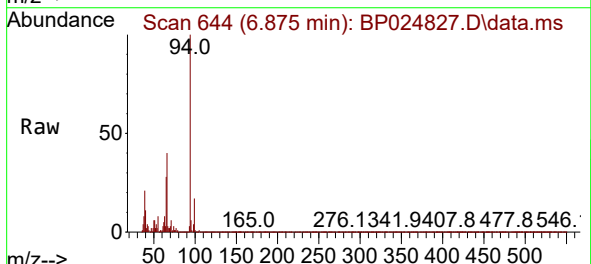
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ClientSampleId :
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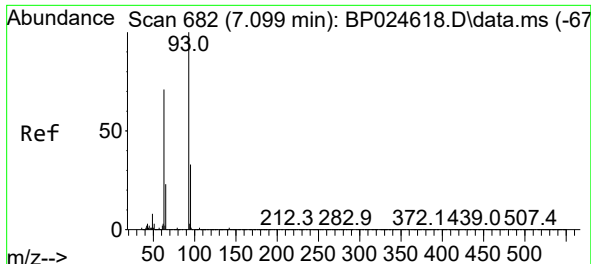
Tgt Ion: 77 Resp: 178977
Ion Ratio Lower Upper
77 100
105 109.3 83.3 123.3
106 101.7 78.0 118.0



#10
Phenol
Concen: 42.712 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 94 Resp: 396393
Ion Ratio Lower Upper
94 100
65 27.8 8.7 48.7
66 40.1 19.4 59.4

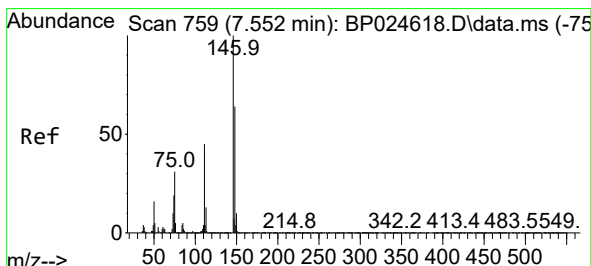
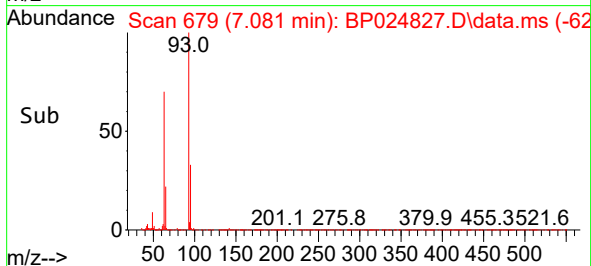
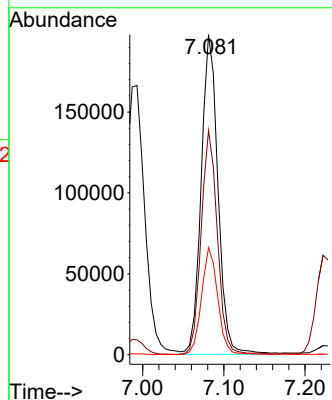
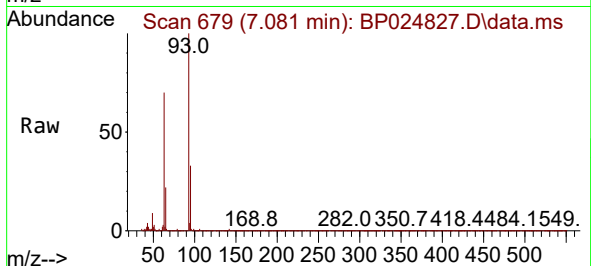




#11
bis(2-Chloroethyl)ether
Concen: 37.120 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

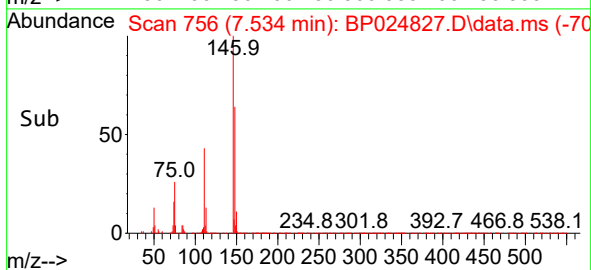
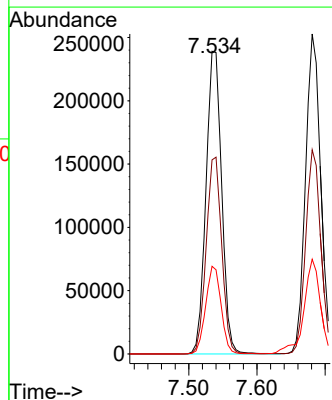
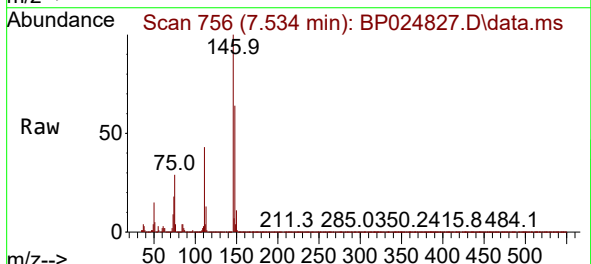
Instrument :
BNA_P
ClientSampleId :
PB168184BS

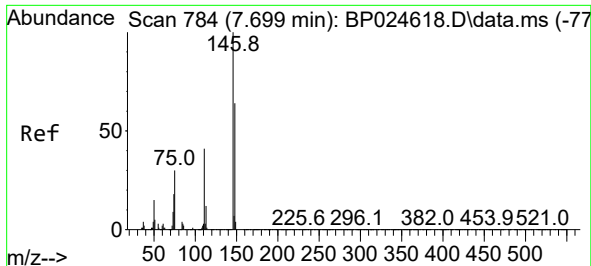
Tgt Ion: 93 Resp: 283076
Ion Ratio Lower Upper
93 100
63 70.0 50.6 90.6
95 33.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.665 ng
RT: 7.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 146 Resp: 383385
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 28.9 25.2 37.8

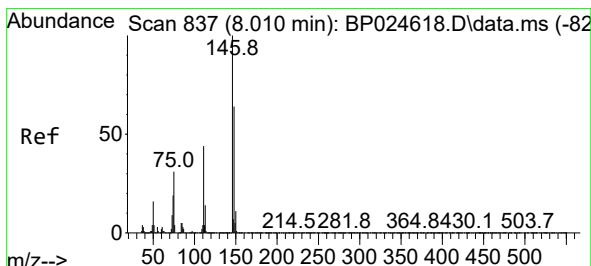
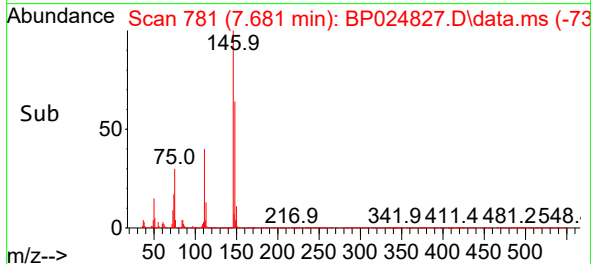
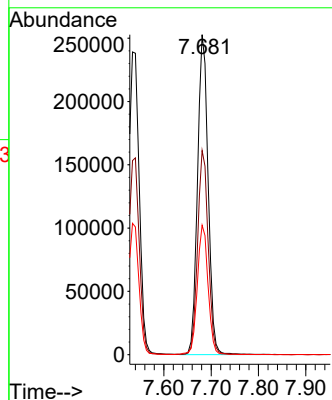
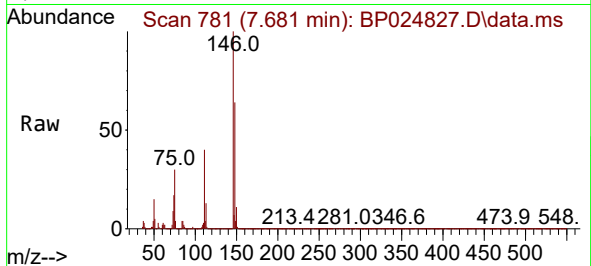




#13
1,4-Dichlorobenzene
Concen: 42.462 ng
RT: 7.681 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

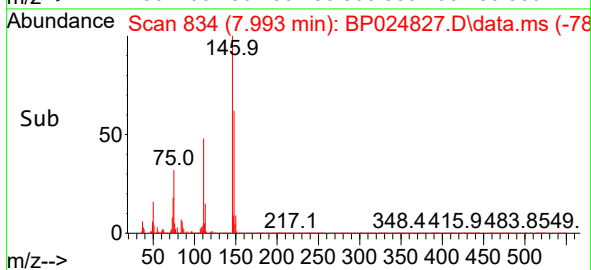
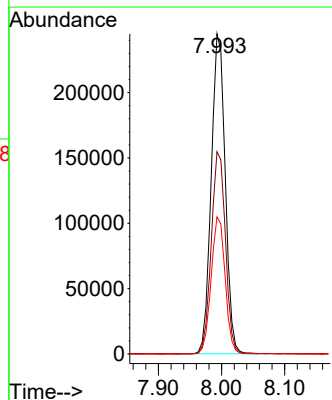
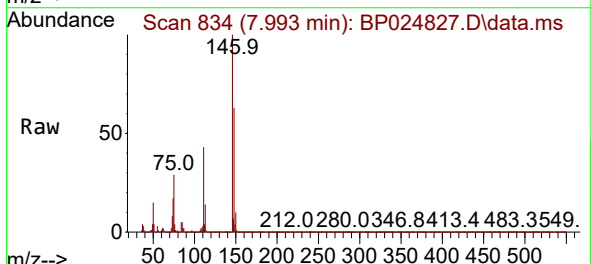
Instrument :
BNA_P
ClientSampleId :
PB168184BS

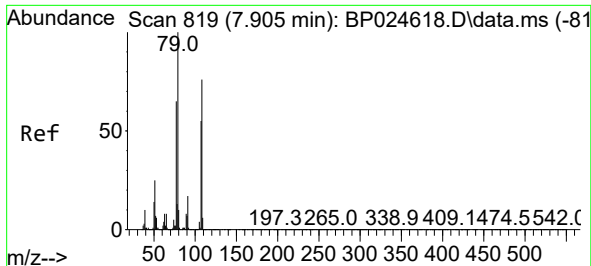
Tgt Ion:146 Resp: 392972
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 40.4 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 41.812 ng
RT: 7.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:146 Resp: 377066
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
111 42.9 35.2 52.8

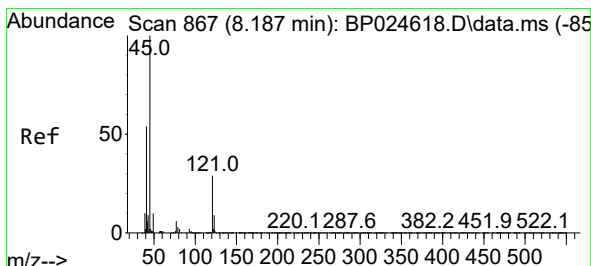
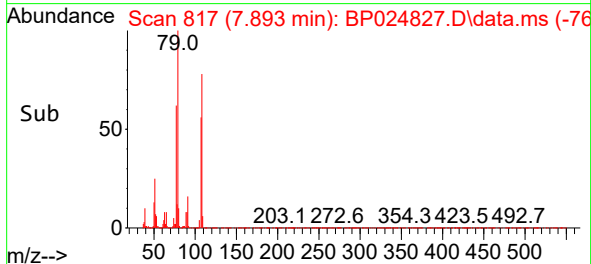
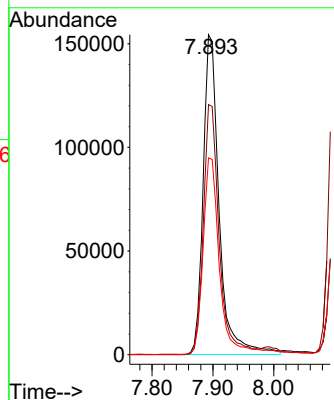
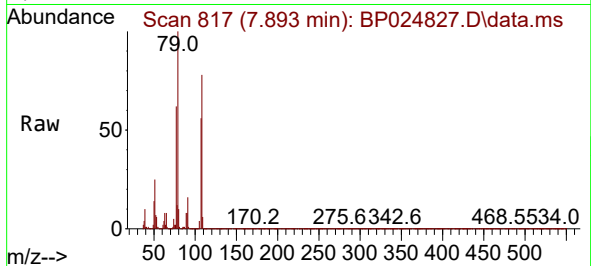




#15
Benzyl Alcohol
Concen: 41.356 ng
RT: 7.893 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

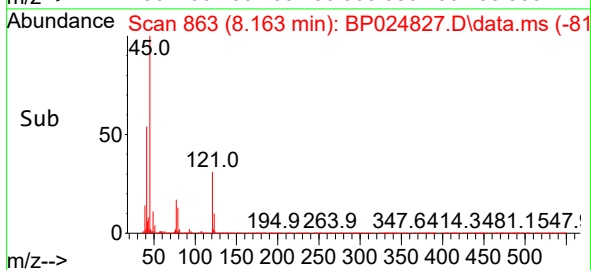
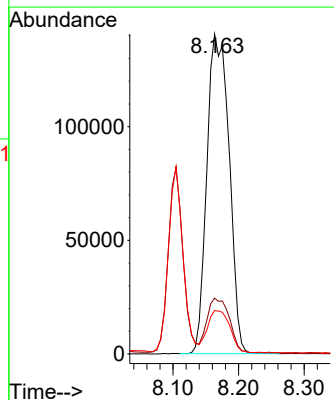
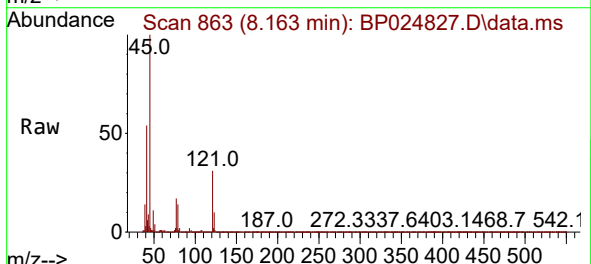
Instrument :
BNA_P
ClientSampleId :
PB168184BS

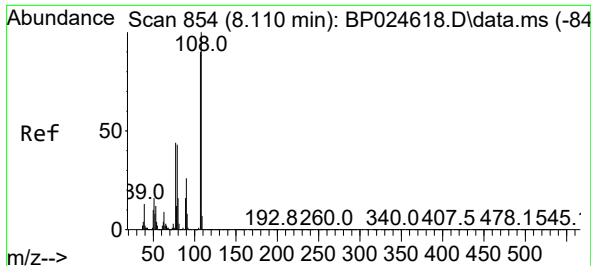
Tgt Ion: 79 Resp: 282584
Ion Ratio Lower Upper
79 100
108 78.1 60.8 91.2
77 61.5 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.262 ng
RT: 8.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 45 Resp: 331170
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.7
79 13.6 0.0 34.0





#17

2-Methylphenol

Concen: 42.649 ng

RT: 8.105 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

Tgt Ion:107 Resp: 283890

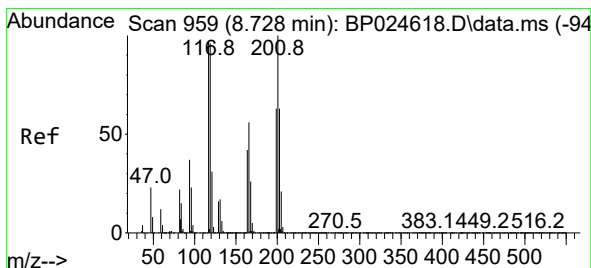
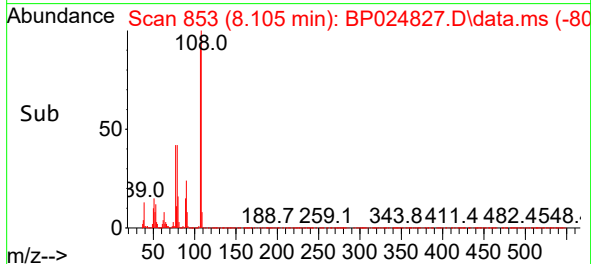
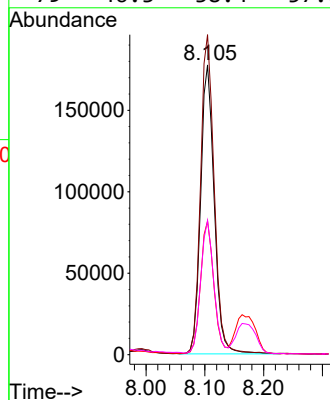
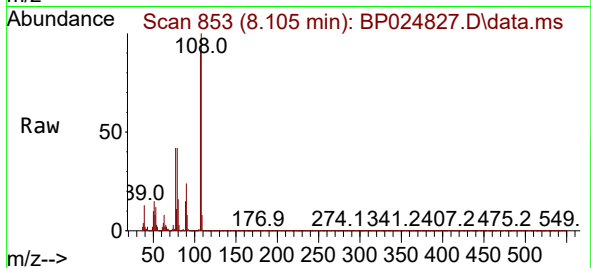
Ion Ratio Lower Upper

107 100

108 110.4 88.9 133.3

77 46.1 39.0 58.6

79 46.3 38.4 57.6



#18

Hexachloroethane

Concen: 39.876 ng

RT: 8.705 min Scan# 955

Delta R.T. 0.000 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

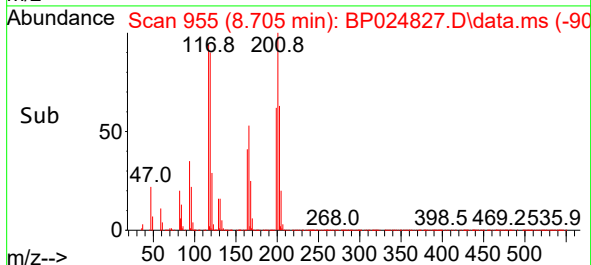
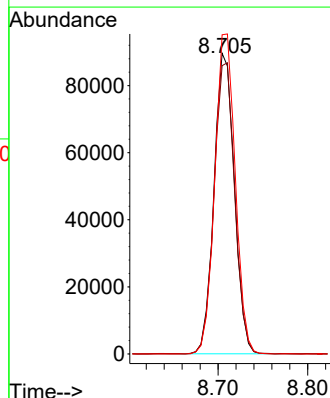
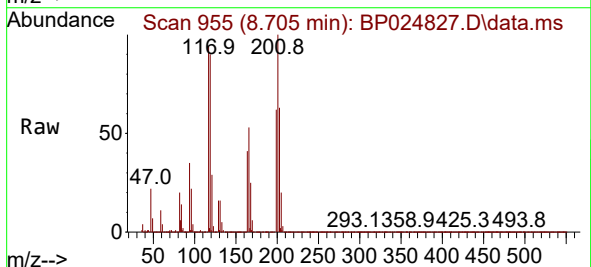
Tgt Ion:117 Resp: 141419

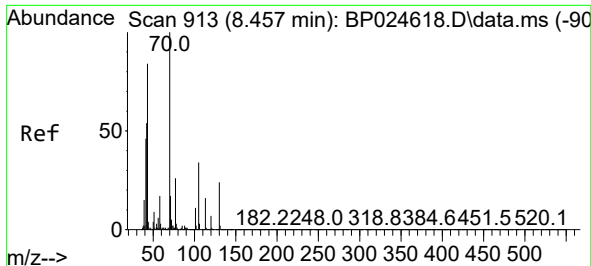
Ion Ratio Lower Upper

117 100

119 95.9 79.4 119.0

201 106.1 82.7 124.1

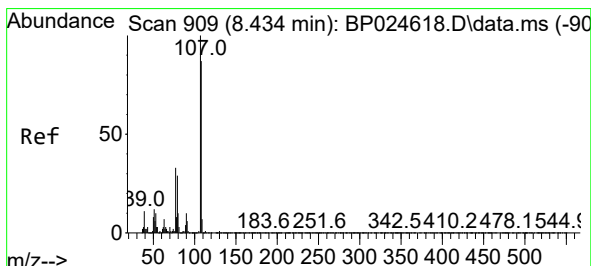
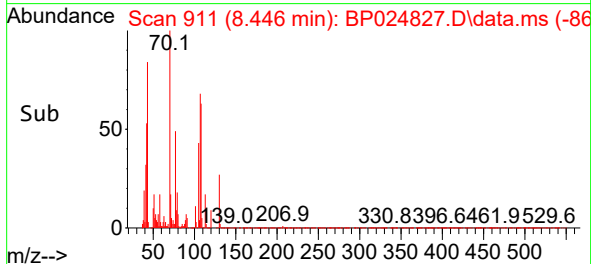
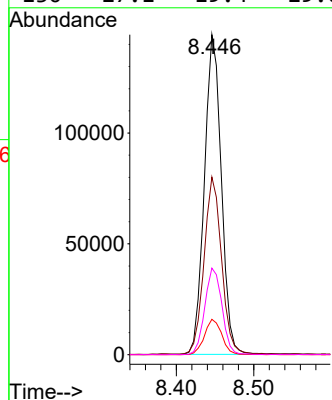
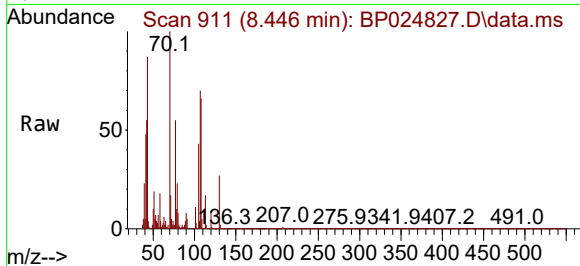




#19
n-Nitroso-di-n-propylamine
Concen: 35.237 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

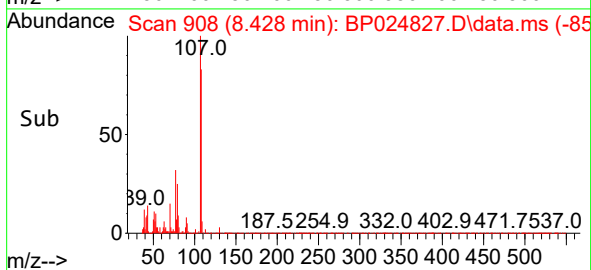
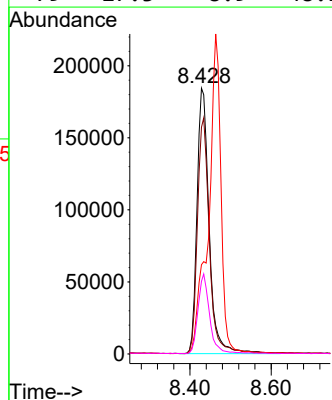
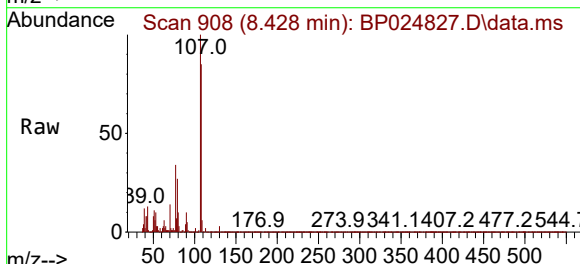
Instrument :
BNA_P
ClientSampleId :
PB168184BS

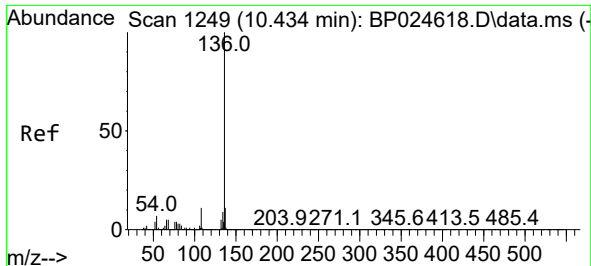
Tgt Ion: 70 Resp: 219170
Ion Ratio Lower Upper
70 100
42 55.5 43.0 64.6
101 11.0 8.7 13.1
130 27.1 19.4 29.0



#20
3+4-Methylphenols
Concen: 42.564 ng
RT: 8.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 107 Resp: 385398
Ion Ratio Lower Upper
107 100
108 85.3 66.7 106.7
77 33.6 13.1 53.1
79 27.3 8.9 48.9

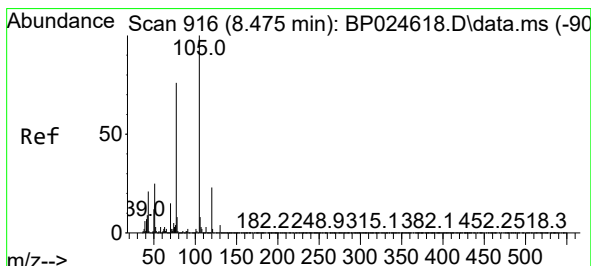
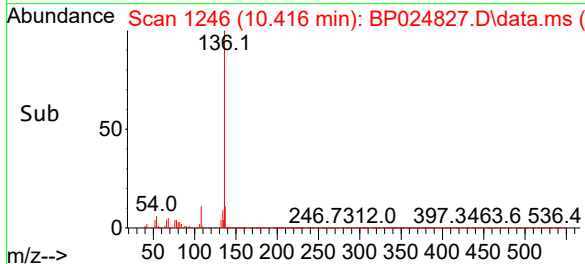
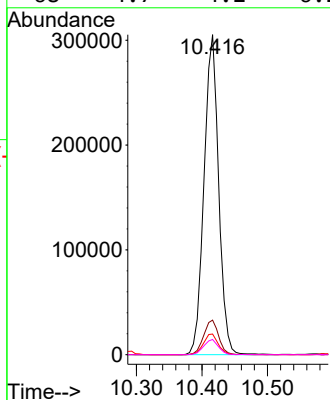
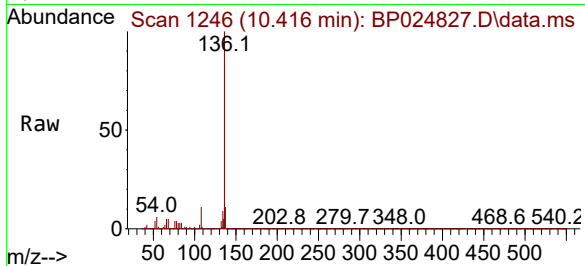




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

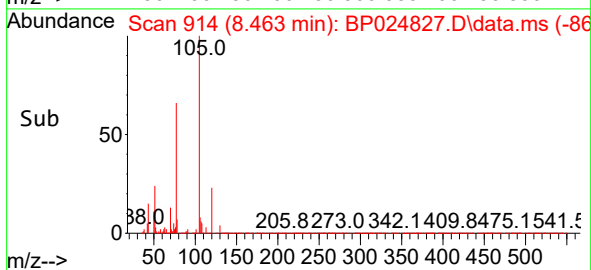
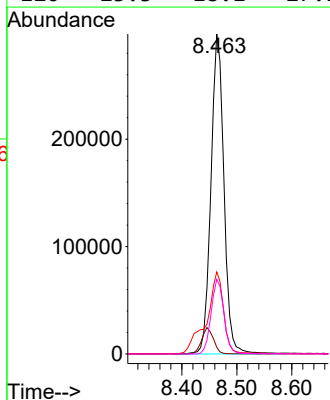
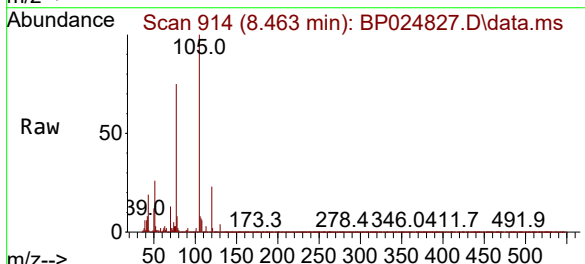
Instrument :
BNA_P
ClientSampleId :
PB168184BS

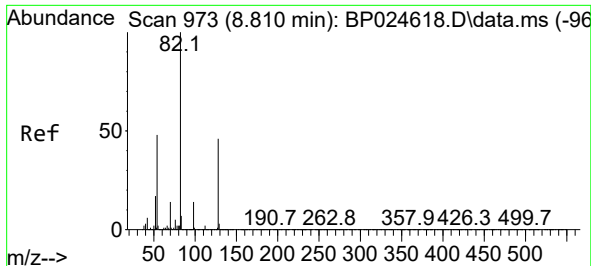
Tgt Ion:	136	Resp:	474220
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.4	5.5	8.3
68	4.7	4.2	6.2



#22
Acetophenone
Concen: 41.386 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:	105	Resp:	490249
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.0	3.0
51	25.6	20.4	30.6
120	23.3	18.1	27.1

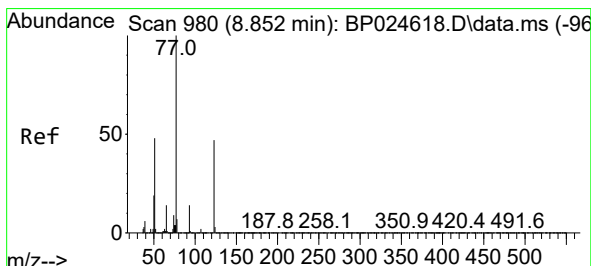
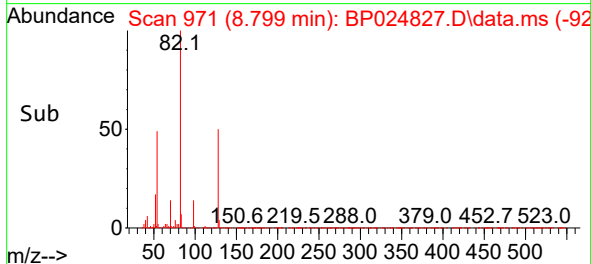
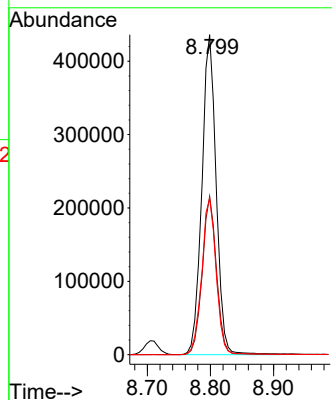
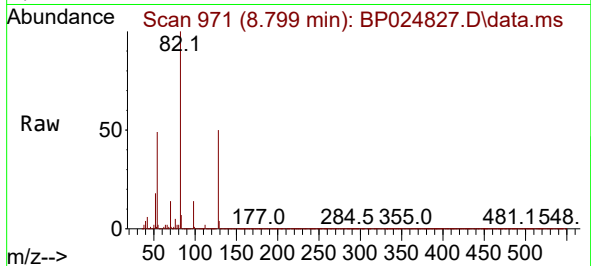




#23
Nitrobenzene-d5
Concen: 73.300 ng
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

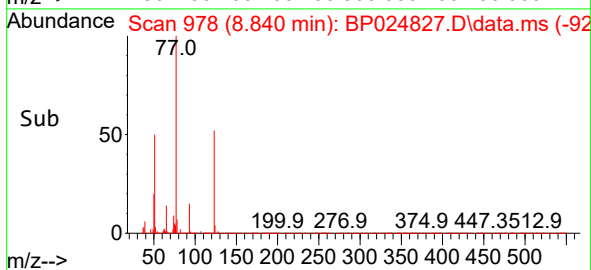
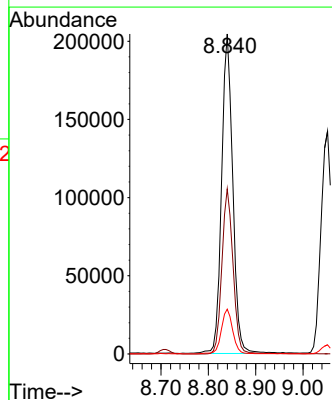
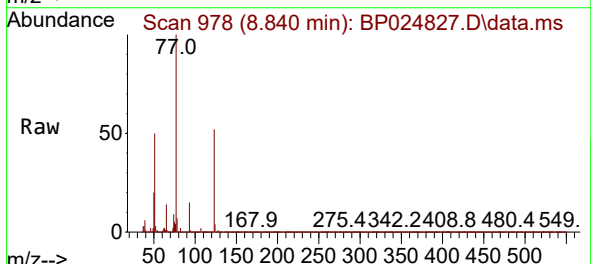
Instrument :
BNA_P
ClientSampleId :
PB168184BS

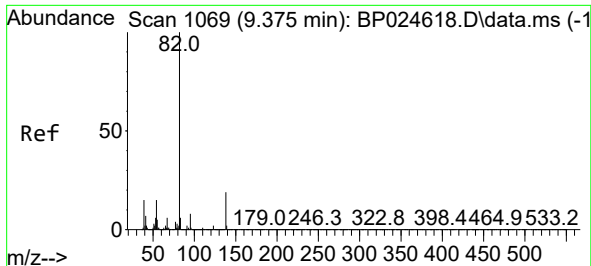
Tgt Ion: 82 Resp: 687962
Ion Ratio Lower Upper
82 100
128 49.5 37.0 55.4
54 48.9 38.7 58.1



#24
Nitrobenzene
Concen: 40.600 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 77 Resp: 335335
Ion Ratio Lower Upper
77 100
123 51.6 37.4 56.0
65 14.0 11.3 16.9

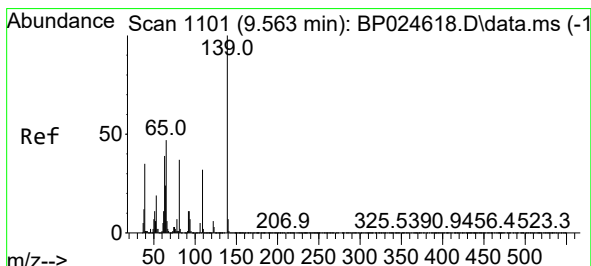
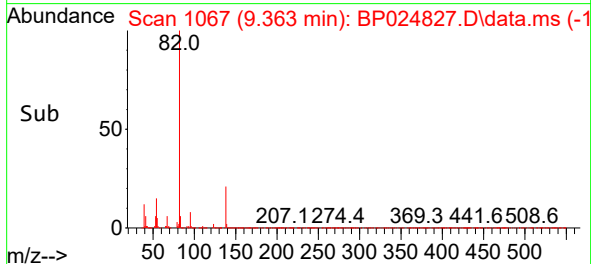
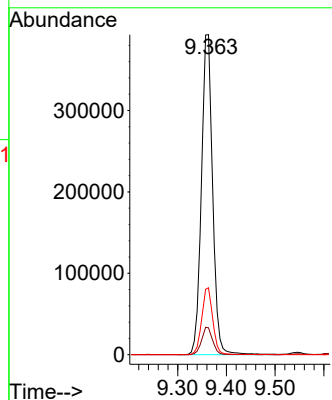
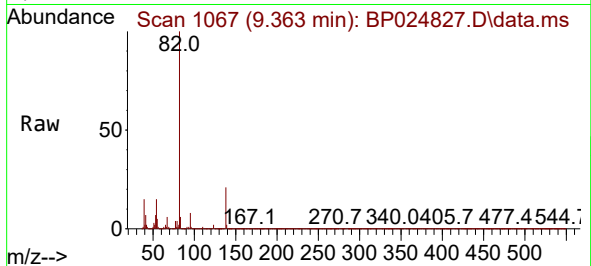




#25
Isophorone
Concen: 38.599 ng
RT: 9.363 min Scan# 1067
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

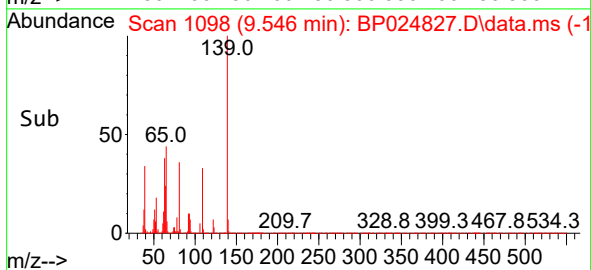
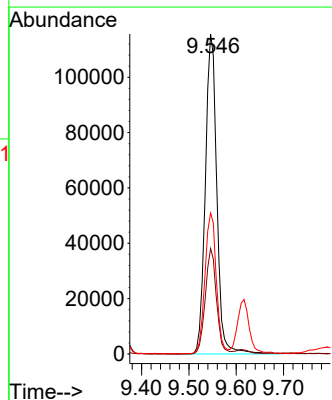
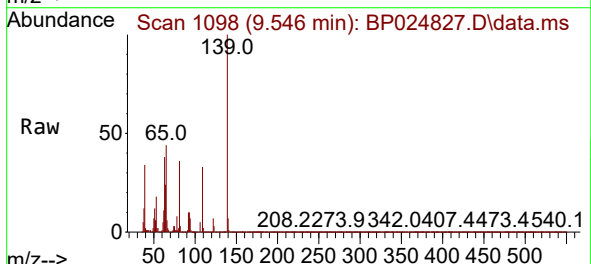
Instrument :
BNA_P
ClientSampleId :
PB168184BS

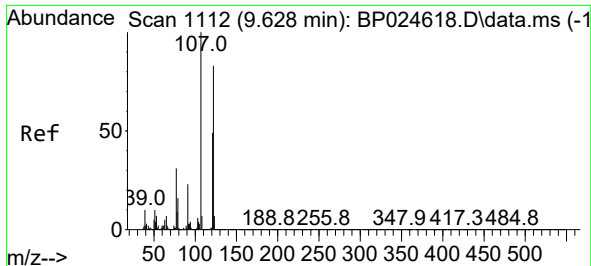
Tgt Ion: 82 Resp: 628415
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 20.9 15.3 22.9



#26
2-Nitrophenol
Concen: 48.133 ng
RT: 9.546 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 139 Resp: 194805
Ion Ratio Lower Upper
139 100
109 32.9 25.9 38.9
65 44.1 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.760 ng

RT: 9.616 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

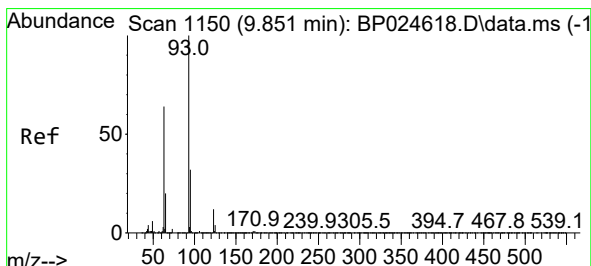
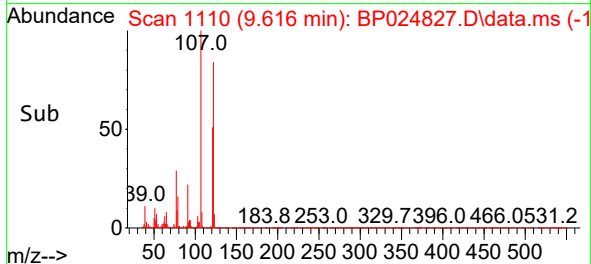
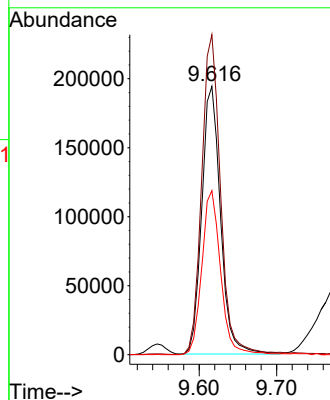
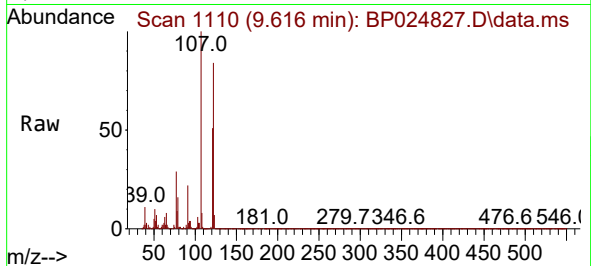
Tgt Ion:122 Resp: 326531

Ion Ratio Lower Upper

122 100

107 119.2 96.2 144.2

121 61.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.373 ng

RT: 9.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

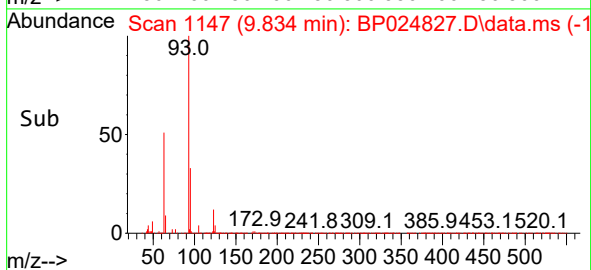
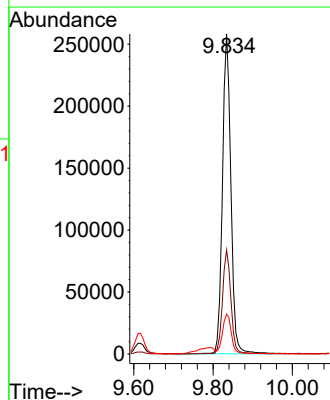
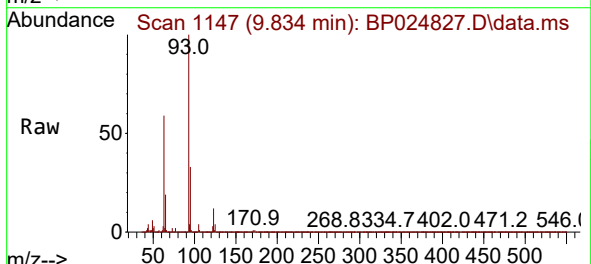
Tgt Ion: 93 Resp: 382961

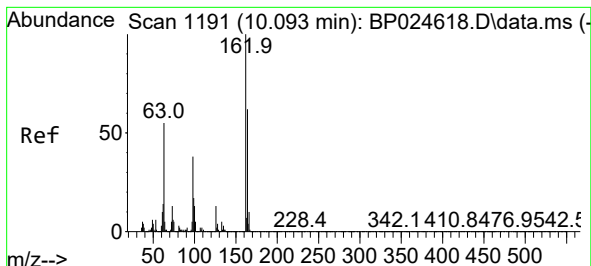
Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 47.553 ng

RT: 10.093 min Scan# 1191

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

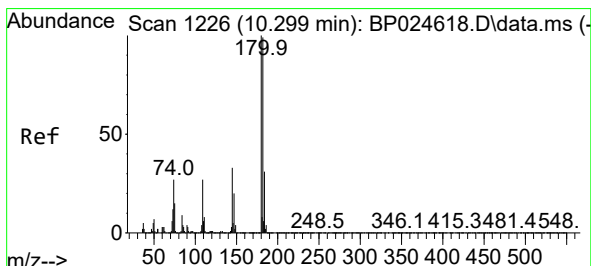
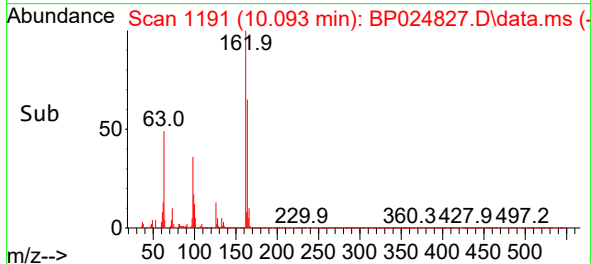
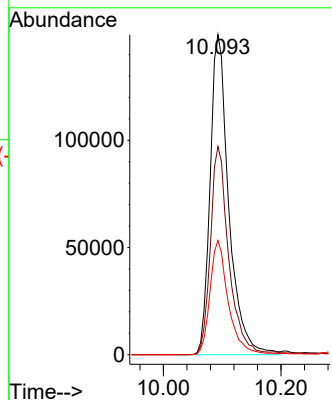
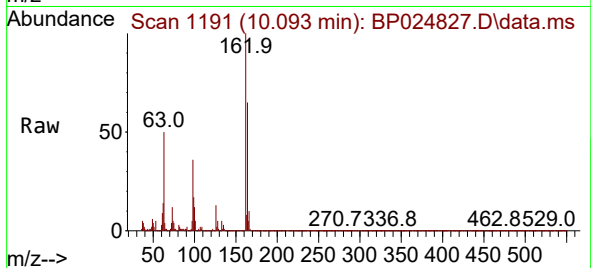
Tgt Ion:162 Resp: 328822

Ion Ratio Lower Upper

162 100

164 65.0 42.3 82.3

98 35.7 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 44.813 ng

RT: 10.281 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

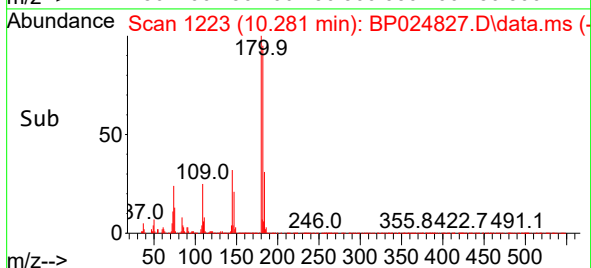
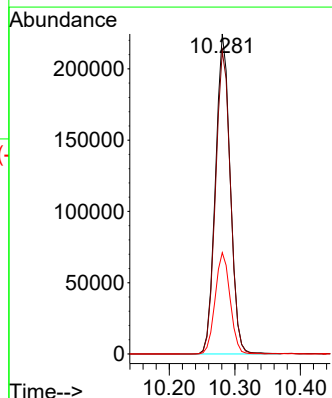
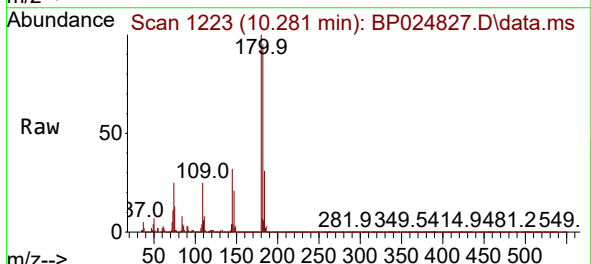
Tgt Ion:180 Resp: 349199

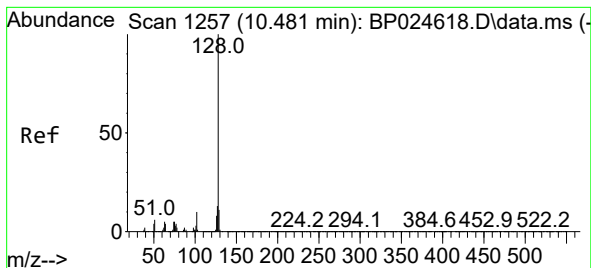
Ion Ratio Lower Upper

180 100

182 94.6 79.0 118.4

145 31.6 26.6 39.8

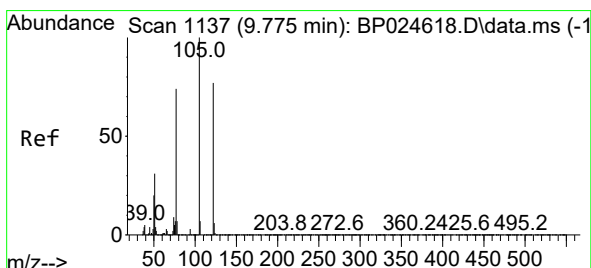
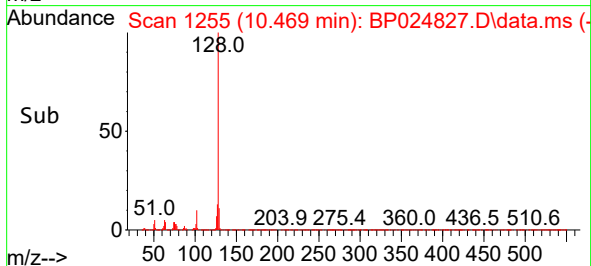
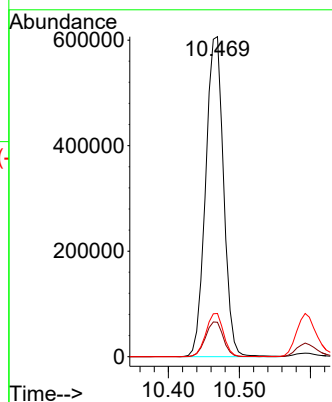
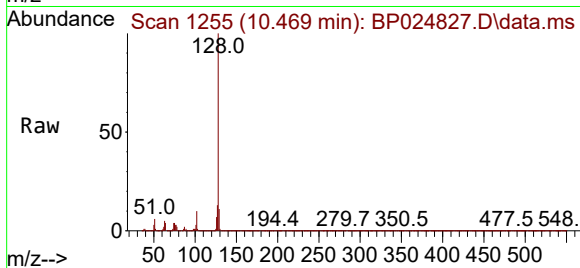




#31
Naphthalene
Concen: 43.275 ng
RT: 10.469 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

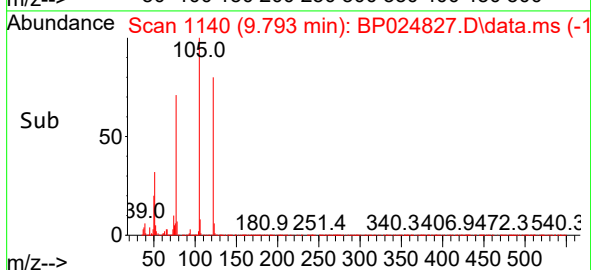
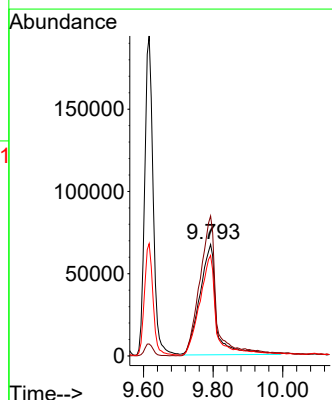
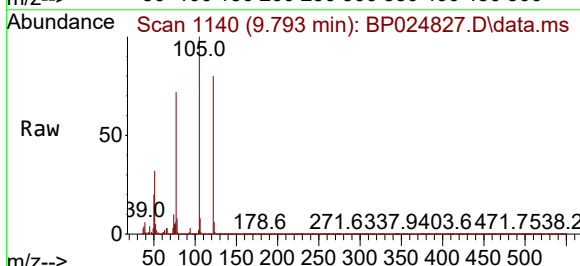
Instrument :
BNA_P
ClientSampleId :
PB168184BS

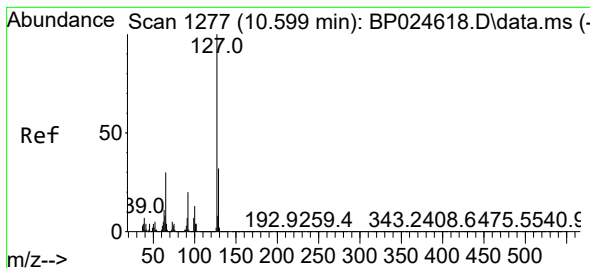
Tgt Ion:128 Resp: 1063462
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 45.630 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:122 Resp: 224504
Ion Ratio Lower Upper
122 100
105 125.5 106.9 146.9
77 90.0 75.1 115.1

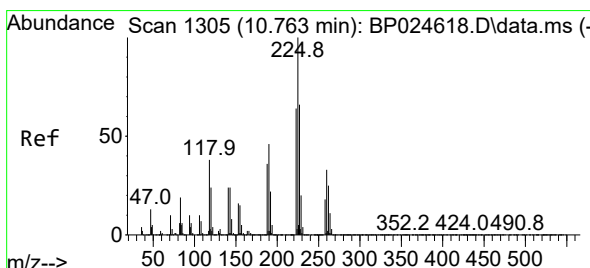
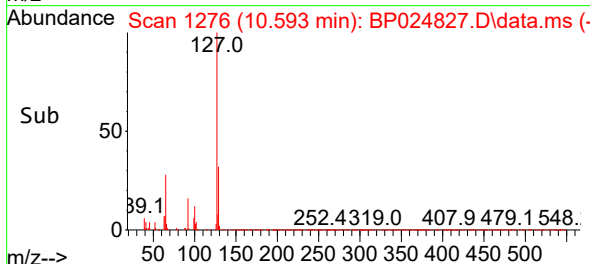
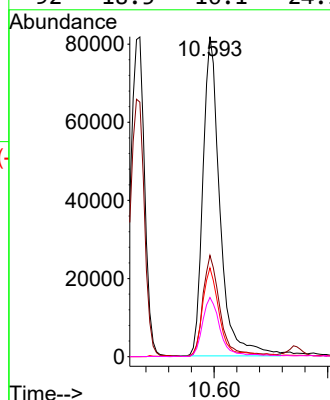
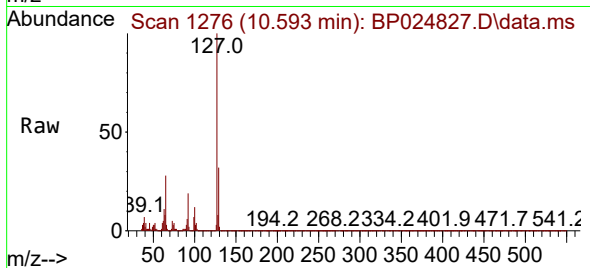




#33
4-Chloroaniline
Concen: 17.137 ng
RT: 10.593 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

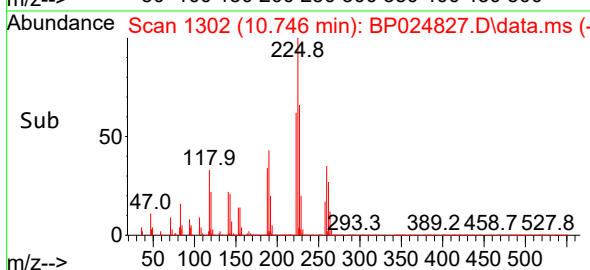
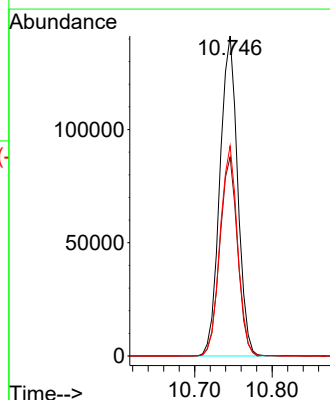
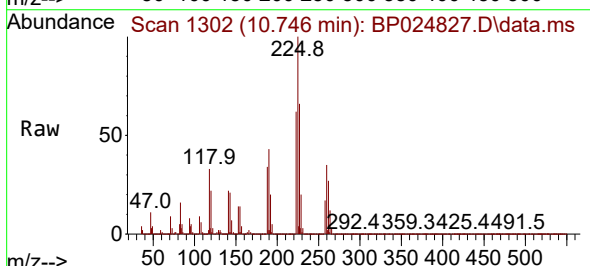
Instrument :
BNA_P
ClientSampleId :
PB168184BS

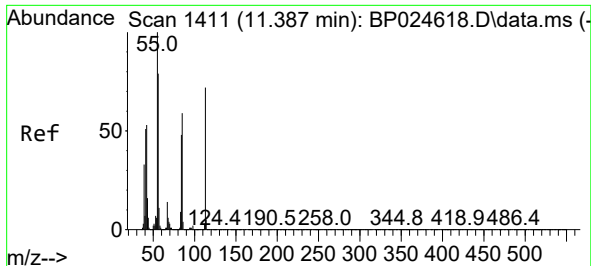
Tgt Ion:	127	Resp:	169938
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	27.8	23.9	35.9
92	18.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.522 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:	225	Resp:	224743
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	65.7	53.1	79.7

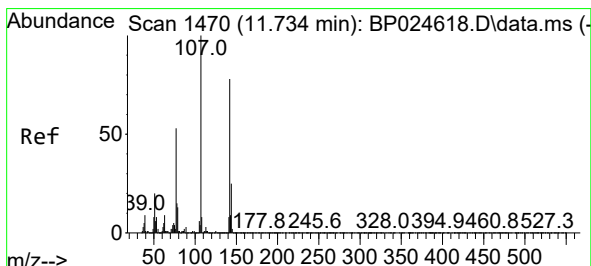
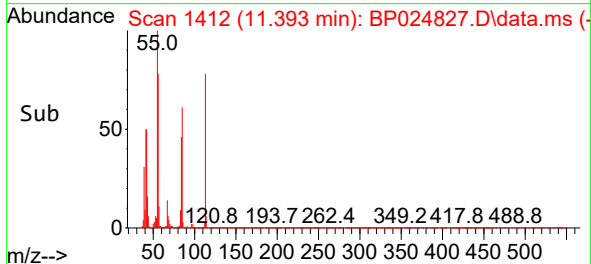
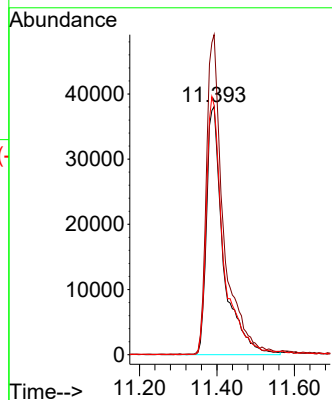
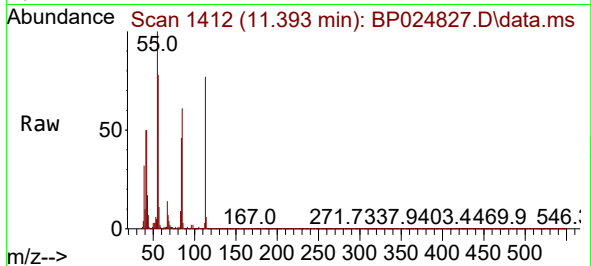




#35
Caprolactam
Concen: 45.763 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

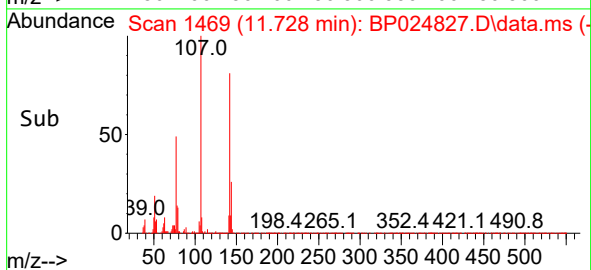
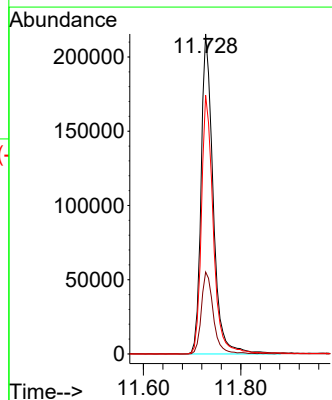
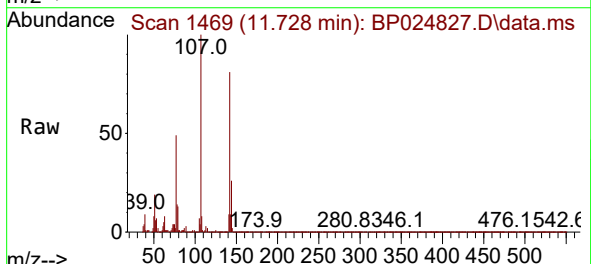
Instrument :
BNA_P
ClientSampleId :
PB168184BS

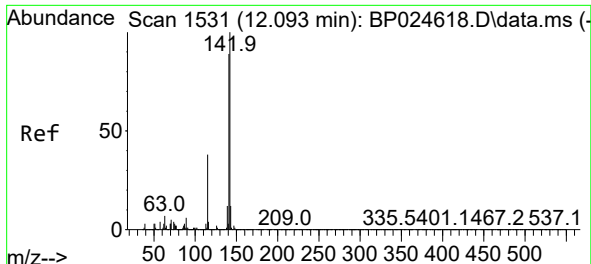
Tgt Ion:113 Resp: 114491
Ion Ratio Lower Upper
113 100
55 129.0 119.0 159.0
56 100.6 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 43.989 ng
RT: 11.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:107 Resp: 370946
Ion Ratio Lower Upper
107 100
144 25.6 20.1 30.1
142 80.9 62.1 93.1

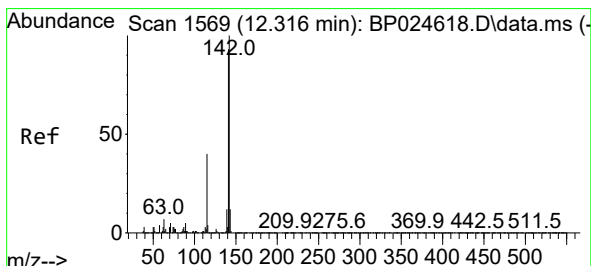
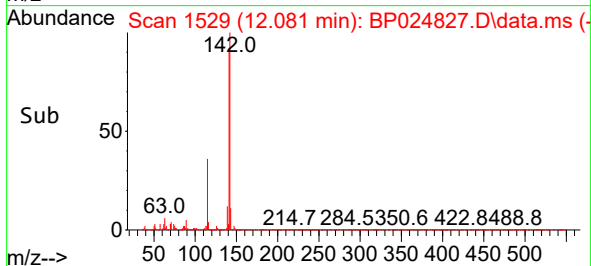
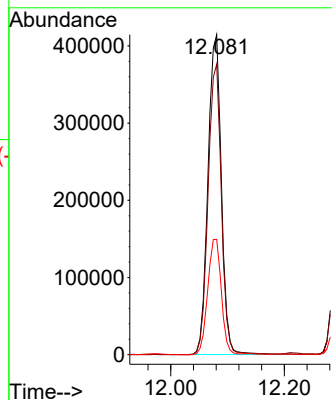
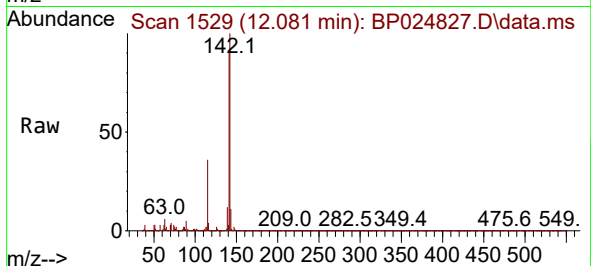




#37
2-Methylnaphthalene
Concen: 42.428 ng
RT: 12.081 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

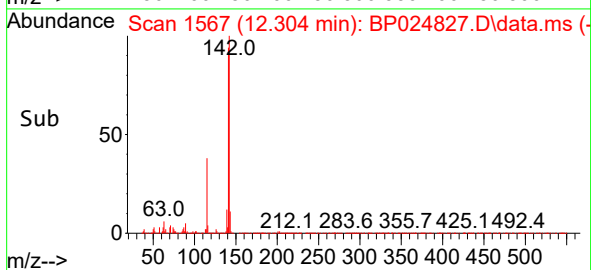
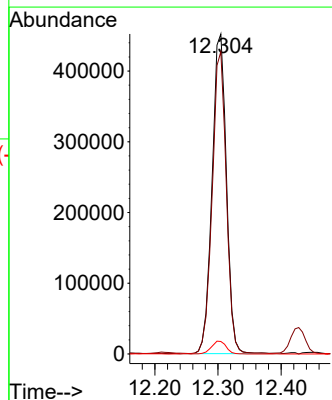
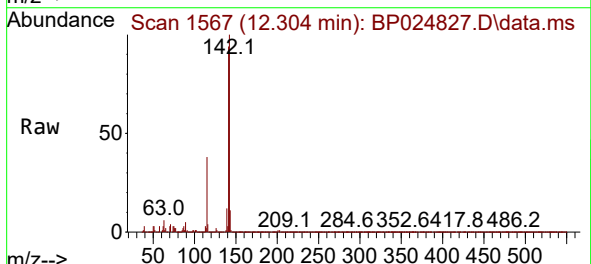
Instrument :
BNA_P
ClientSampleId :
PB168184BS

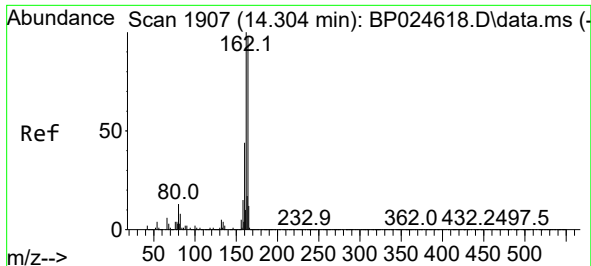
Tgt Ion:142 Resp: 675124
Ion Ratio Lower Upper
142 100
141 90.8 71.2 106.8
115 36.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.750 ng
RT: 12.304 min Scan# 1567
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:142 Resp: 710827
Ion Ratio Lower Upper
142 100
141 94.5 74.7 112.1
116 3.9 3.4 5.2

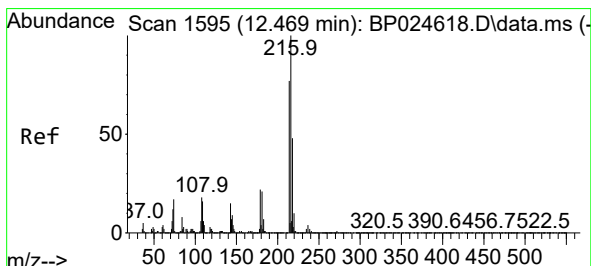
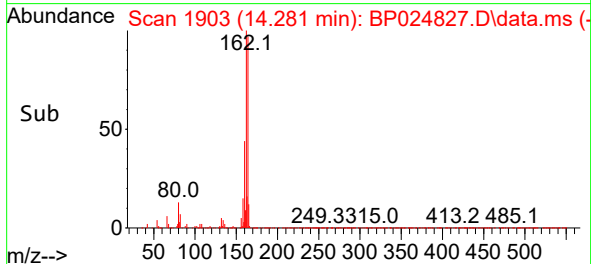
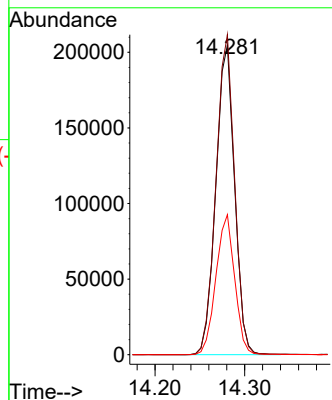
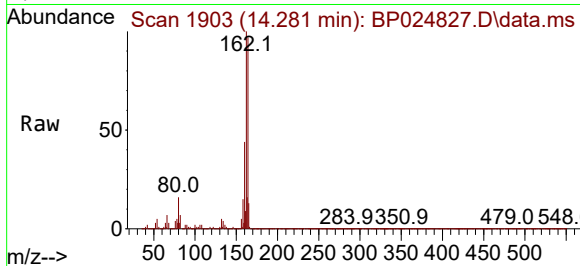




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

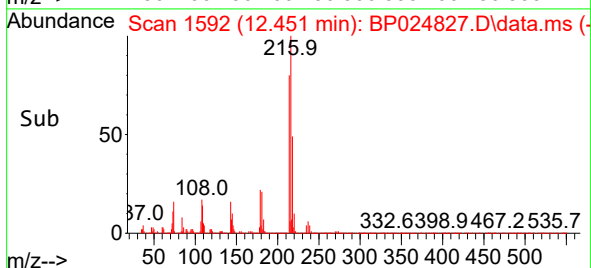
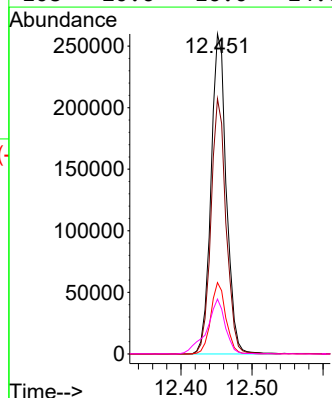
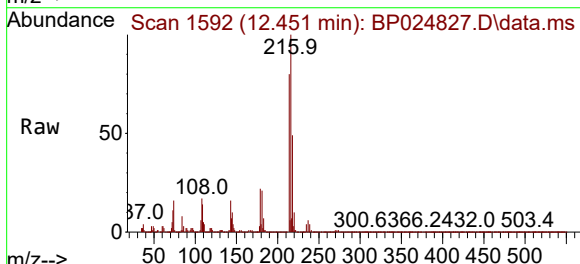
Instrument :
BNA_P
ClientSampleId :
PB168184BS

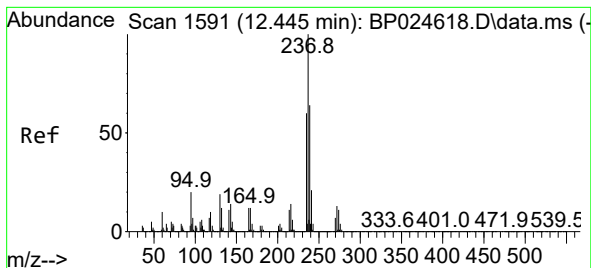
Tgt Ion:164 Resp: 296587
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 45.2 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.299 ng
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:216 Resp: 390142
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 21.9 17.7 26.5
108 20.6 16.0 24.0

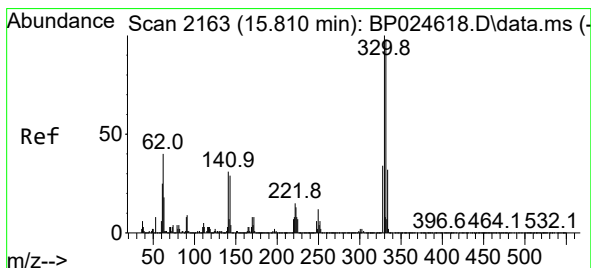
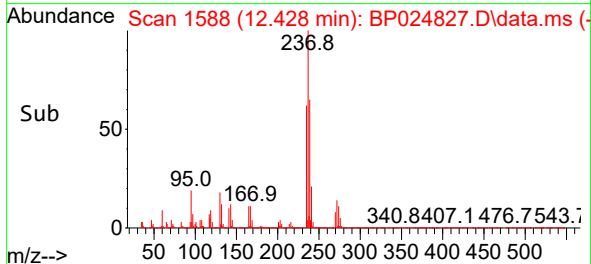
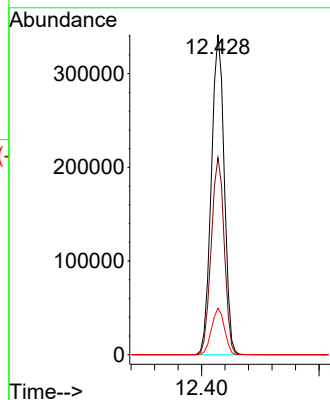
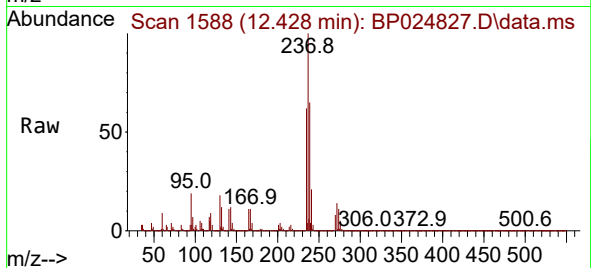




#41
Hexachlorocyclopentadiene
Concen: 99.435 ng
RT: 12.428 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

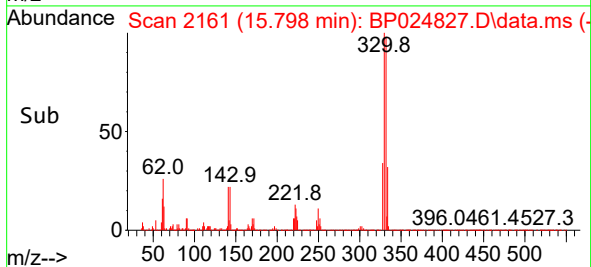
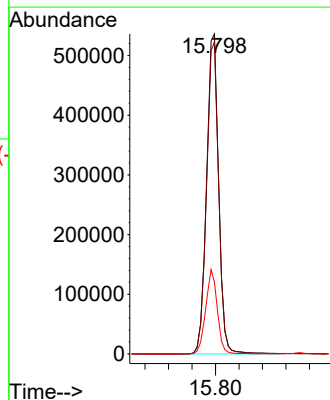
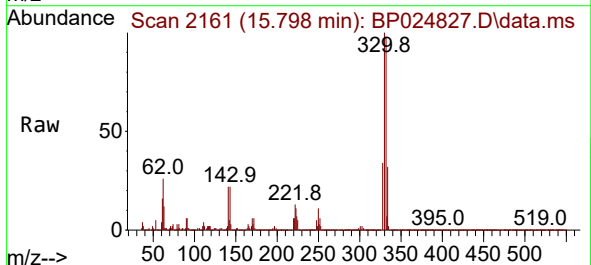
Instrument :
BNA_P
ClientSampleId :
PB168184BS

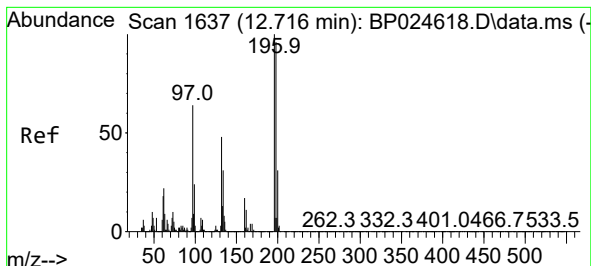
Tgt Ion:237 Resp: 519284
Ion Ratio Lower Upper
237 100
235 61.6 39.9 79.9
272 14.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 152.587 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:330 Resp: 767207
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 25.3 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 49.271 ng

RT: 12.710 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

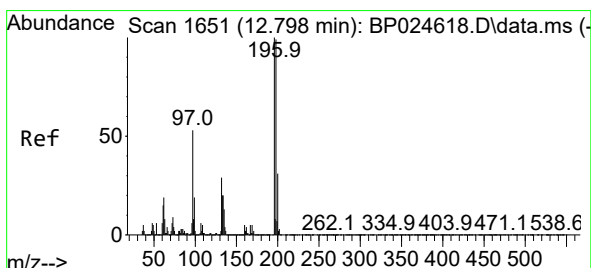
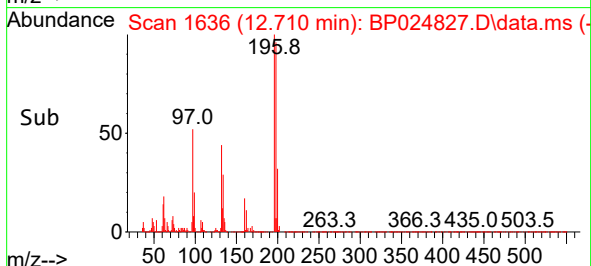
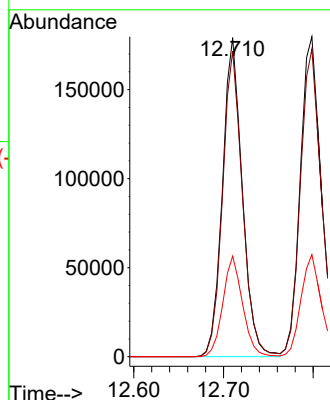
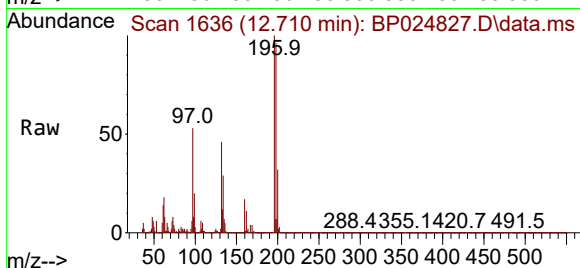
Tgt Ion:196 Resp: 274857

Ion Ratio Lower Upper

196 100

198 95.8 76.9 115.3

200 31.6 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 49.521 ng

RT: 12.798 min Scan# 1651

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Tgt Ion:196 Resp: 307502

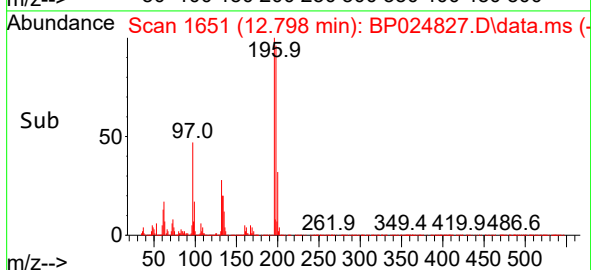
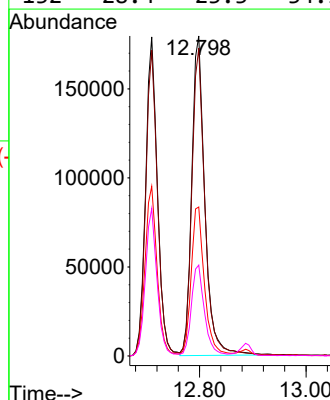
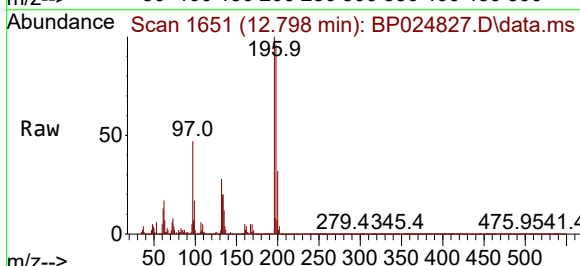
Ion Ratio Lower Upper

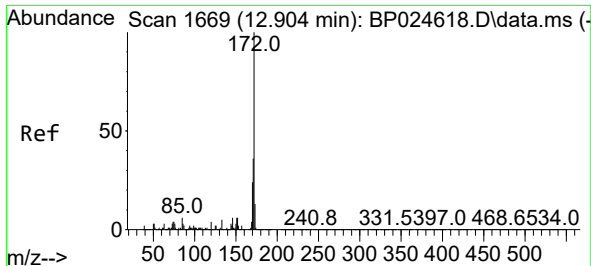
196 100

198 96.2 79.2 118.8

97 46.6 42.3 63.5

132 28.4 23.3 34.9

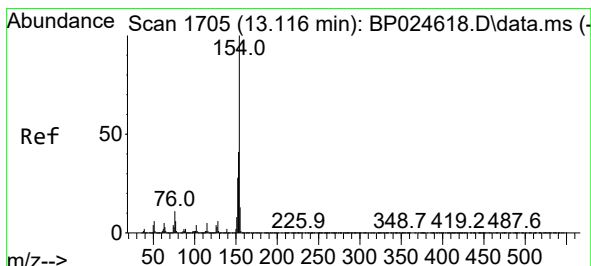
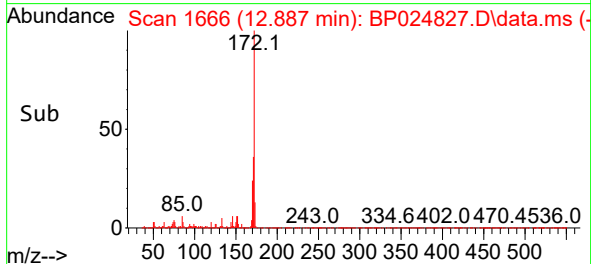
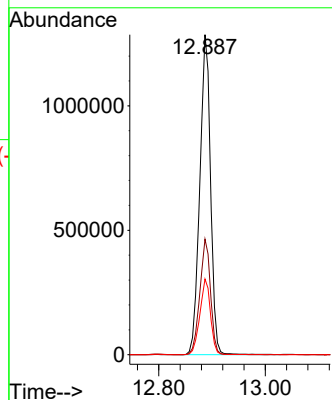
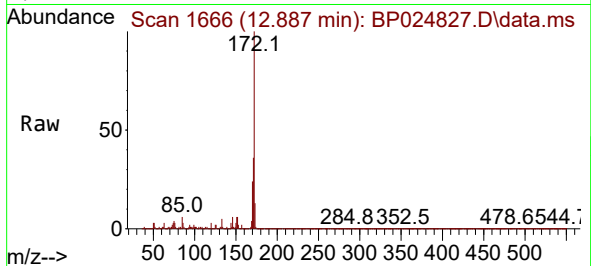




#45
2-Fluorobiphenyl
Concen: 79.630 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

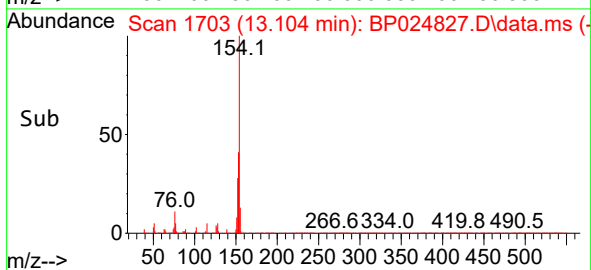
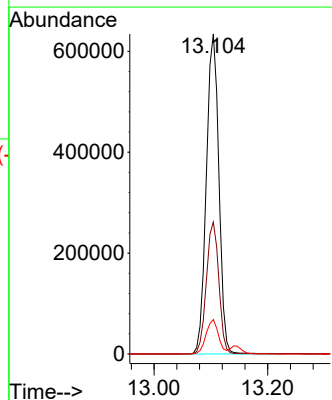
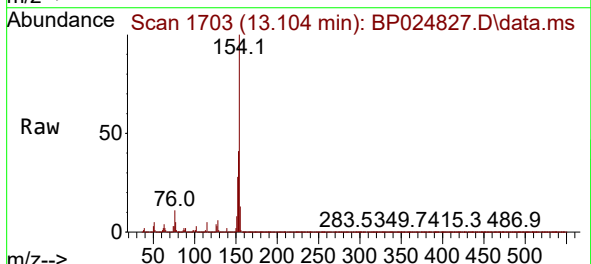
Instrument :
BNA_P
ClientSampleId :
PB168184BS

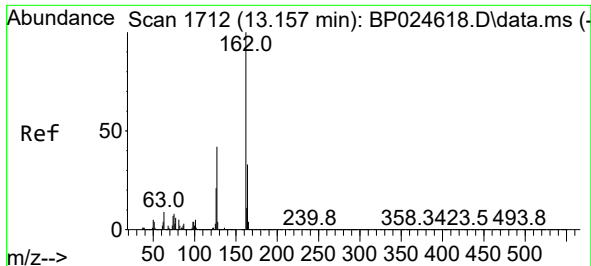
Tgt Ion:172 Resp: 1802669
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.172 ng
RT: 13.104 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:154 Resp: 968300
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 10.8 0.0 31.5

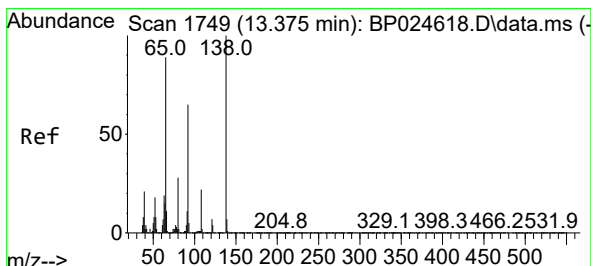
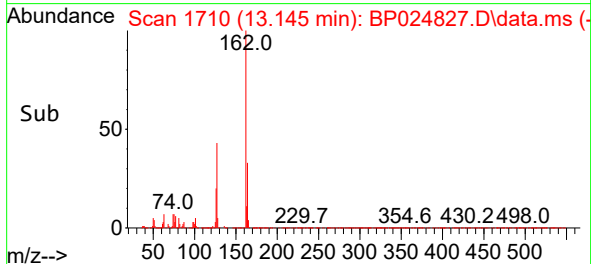
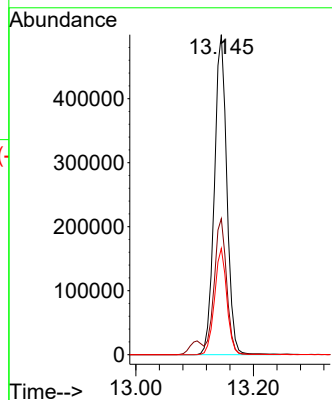
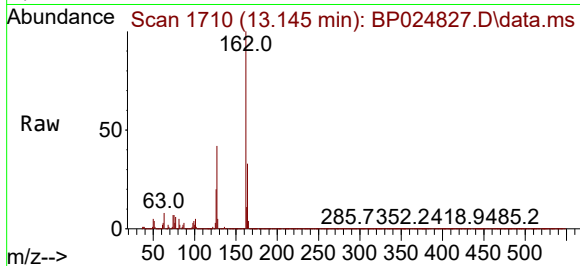




#47
2-Chloronaphthalene
Concen: 44.017 ng
RT: 13.145 min Scan# 1710
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

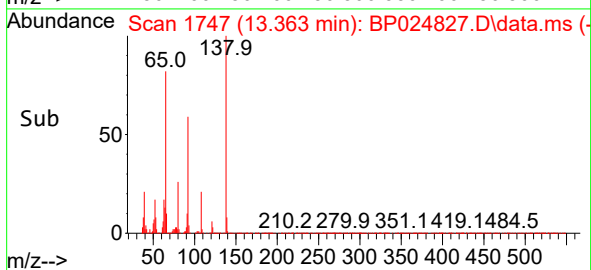
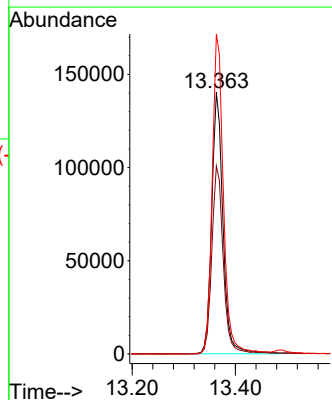
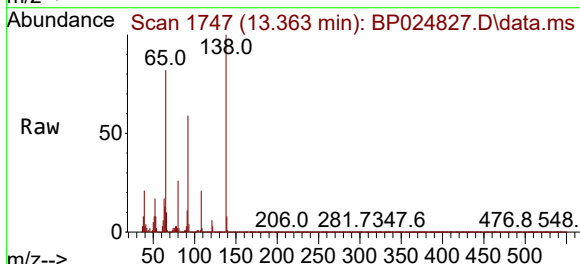
Instrument :
BNA_P
ClientSampleId :
PB168184BS

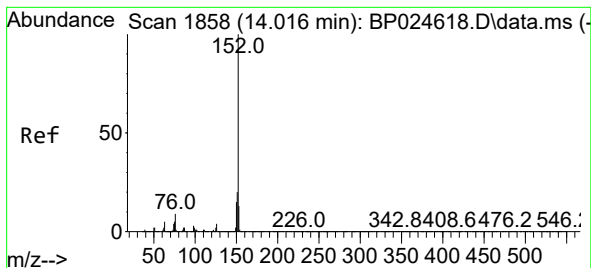
Tgt Ion:162 Resp: 735714
Ion Ratio Lower Upper
162 100
127 42.5 33.8 50.6
164 33.2 26.0 39.0



#48
2-Nitroaniline
Concen: 43.019 ng
RT: 13.363 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 65 Resp: 212878
Ion Ratio Lower Upper
65 100
92 71.9 58.7 88.1
138 122.3 90.2 135.2





#49

Acenaphthylene

Concen: 43.583 ng

RT: 13.998 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

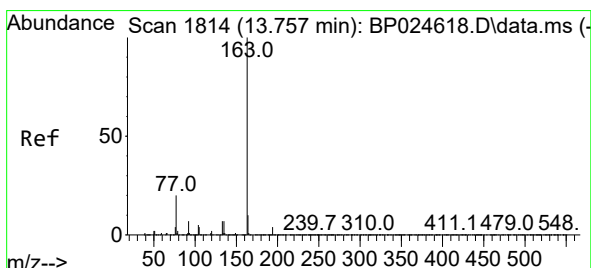
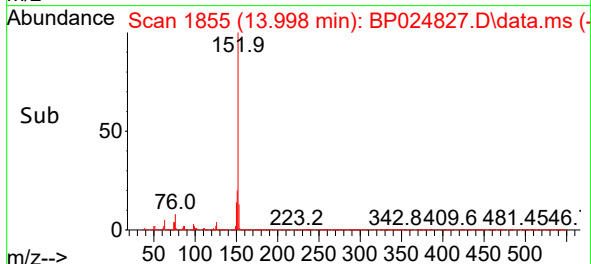
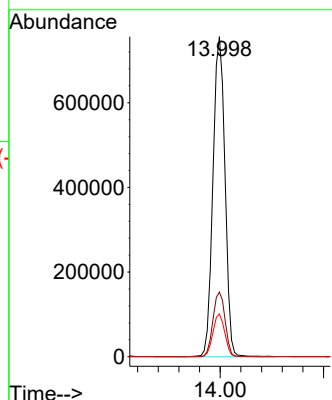
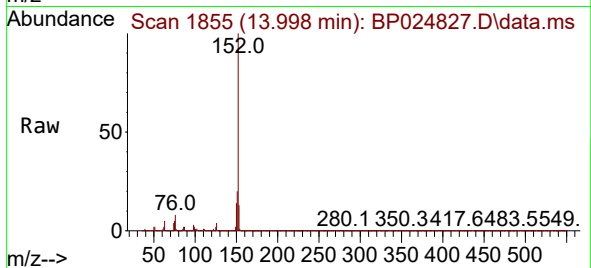
Tgt Ion:152 Resp: 1219040

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.3 10.2 15.4



#50

Dimethylphthalate

Concen: 42.951 ng

RT: 13.740 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

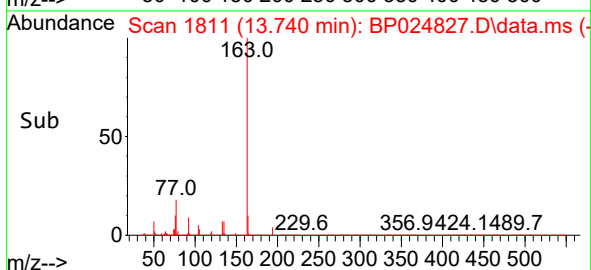
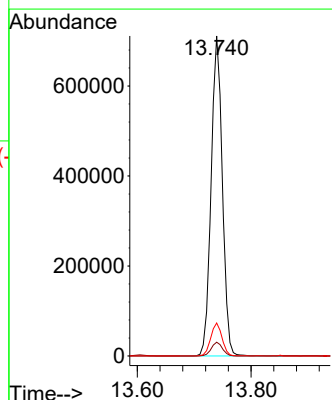
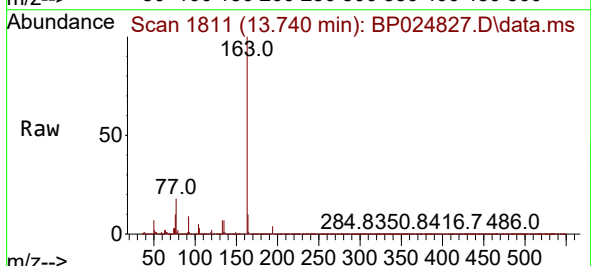
Tgt Ion:163 Resp: 970954

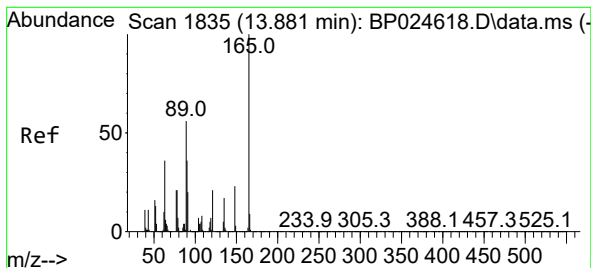
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.3 8.1 12.1

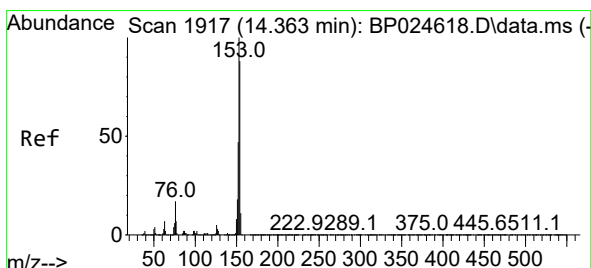
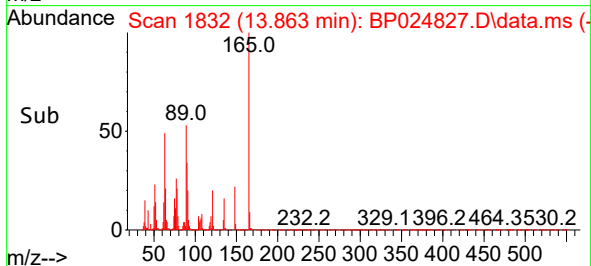
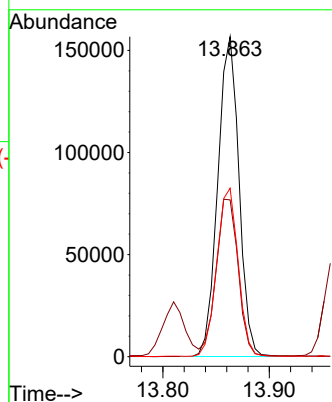
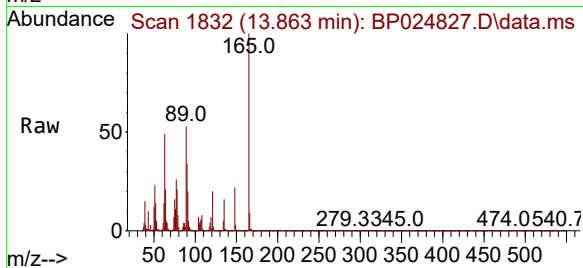




#51
2,6-Dinitrotoluene
Concen: 45.268 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

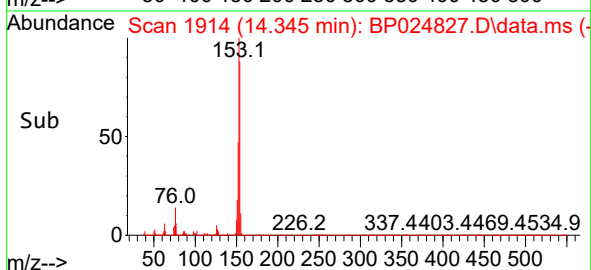
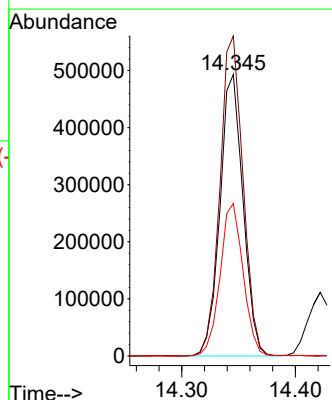
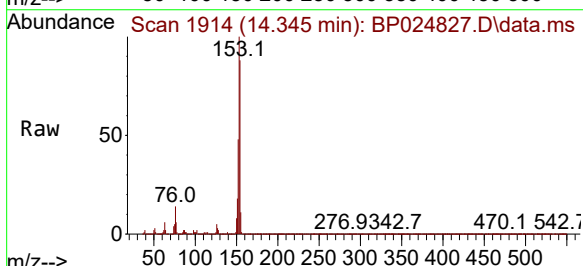
Instrument :
BNA_P
ClientSampleId :
PB168184BS

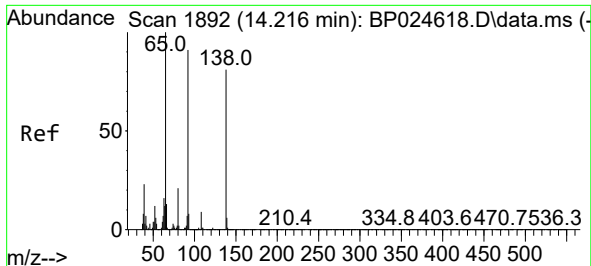
Tgt Ion:165 Resp: 216123
Ion Ratio Lower Upper
165 100
63 49.0 42.4 63.6
89 52.6 44.8 67.2



#52
Acenaphthene
Concen: 43.206 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:154 Resp: 694750
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 54.2 42.9 64.3

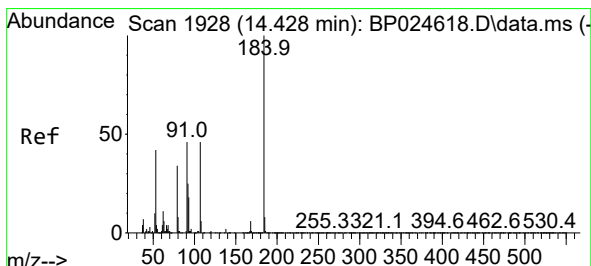
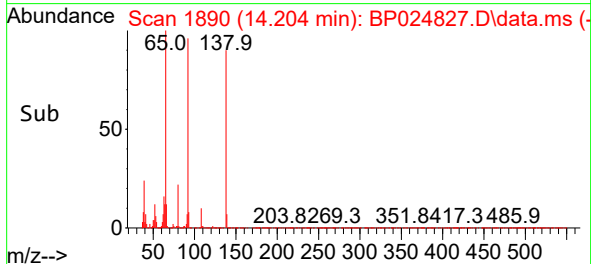
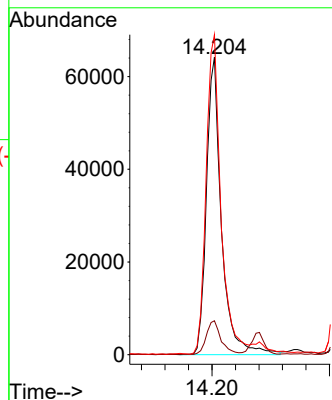
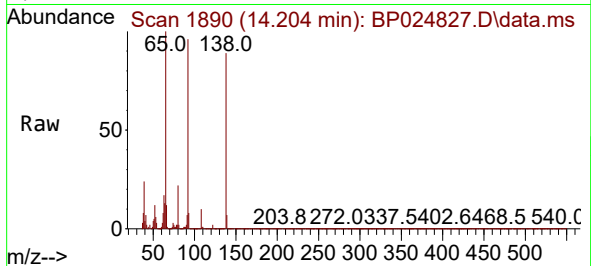




#53
3-Nitroaniline
Concen: 23.329 ng
RT: 14.204 min Scan# 1890
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

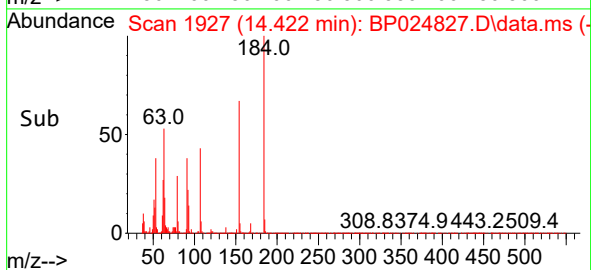
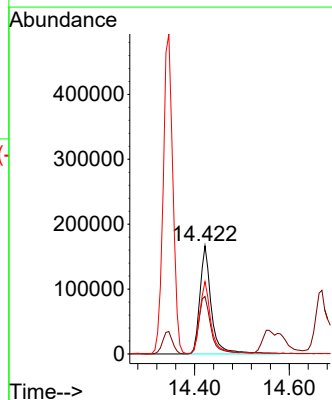
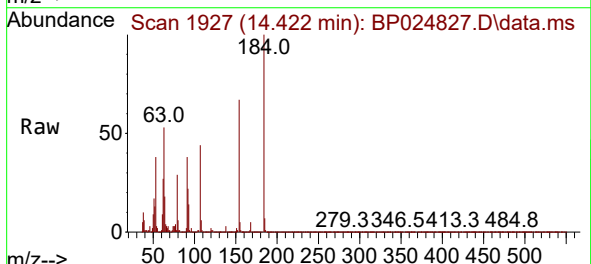
Instrument :
BNA_P
ClientSampleId :
PB168184BS

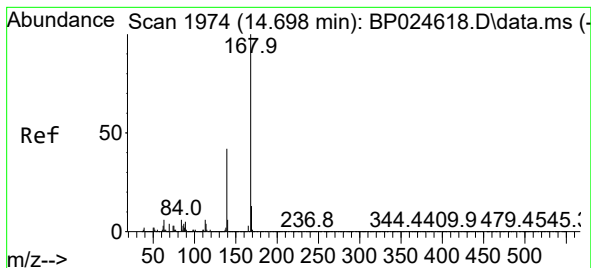
Tgt Ion:138 Resp: 113726
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 107.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 92.145 ng
RT: 14.422 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:184 Resp: 280591
Ion Ratio Lower Upper
184 100
63 53.2 51.3 76.9
154 66.9 53.5 80.3





#55

Dibenzofuran

Concen: 44.121 ng

RT: 14.687 min Scan# 1972

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

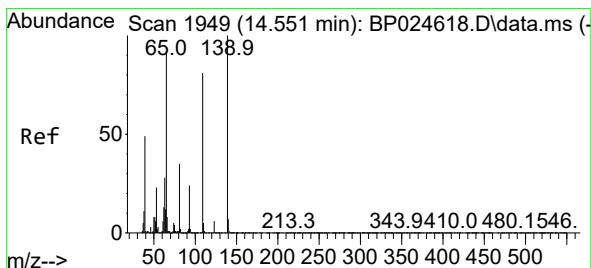
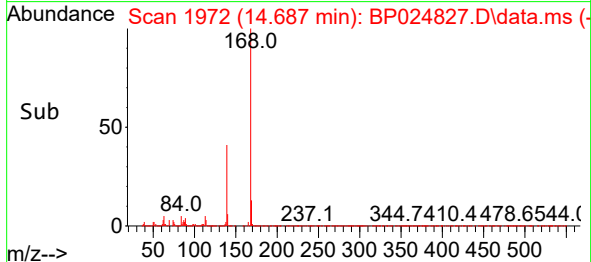
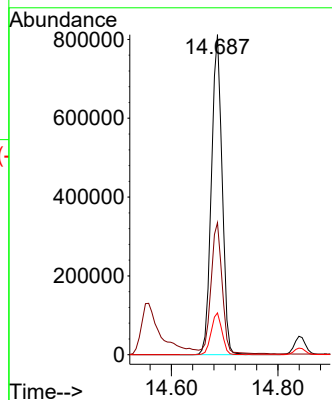
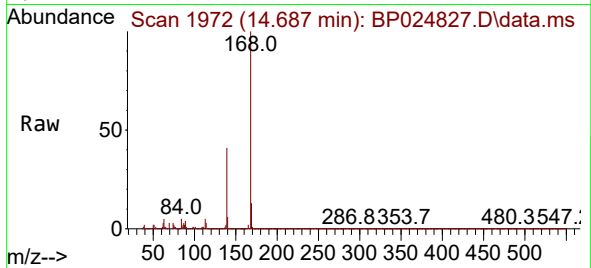
Tgt Ion:168 Resp: 1131647

Ion Ratio Lower Upper

168 100

139 41.2 34.2 51.4

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 80.203 ng

RT: 14.557 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

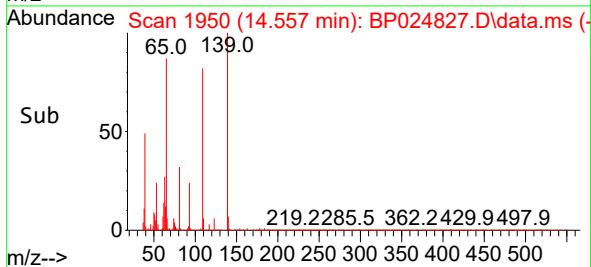
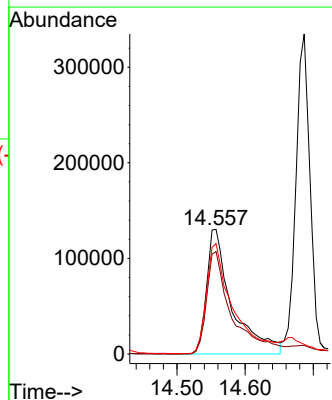
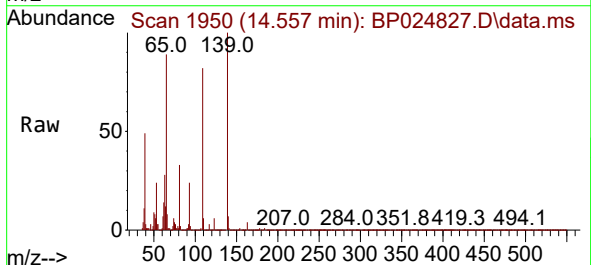
Tgt Ion:139 Resp: 338536

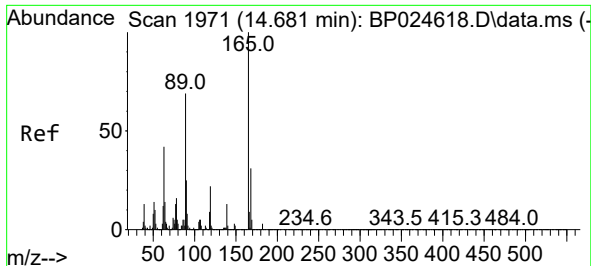
Ion Ratio Lower Upper

139 100

109 82.1 61.4 101.4

65 88.6 72.2 112.2





#57

2,4-Dinitrotoluene

Concen: 47.643 ng

RT: 14.669 min Scan# 1969

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

Tgt Ion:165 Resp: 320678

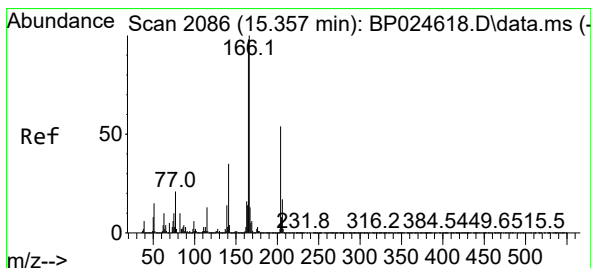
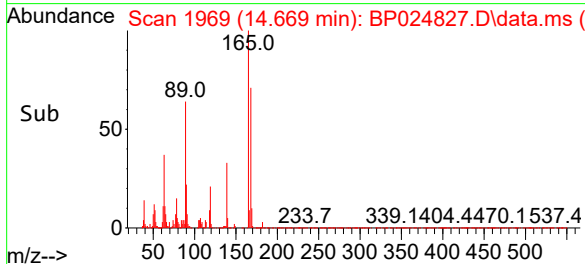
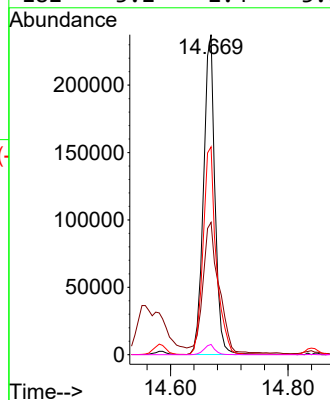
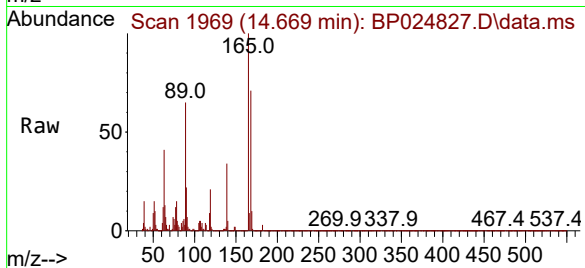
Ion Ratio Lower Upper

165 100

63 41.3 33.8 50.6

89 64.9 55.6 83.4

182 3.2 2.4 3.6



#58

Fluorene

Concen: 44.739 ng

RT: 15.345 min Scan# 2084

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

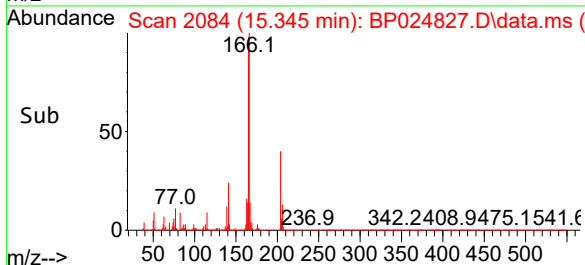
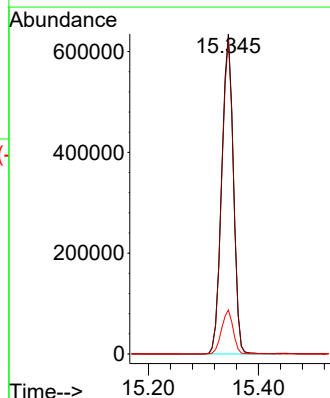
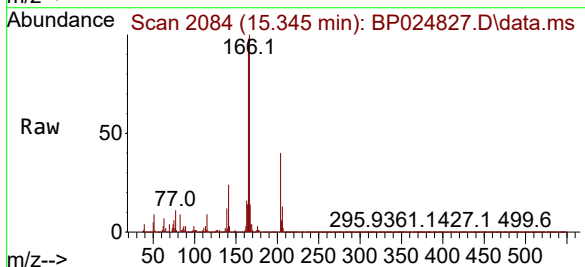
Tgt Ion:166 Resp: 935661

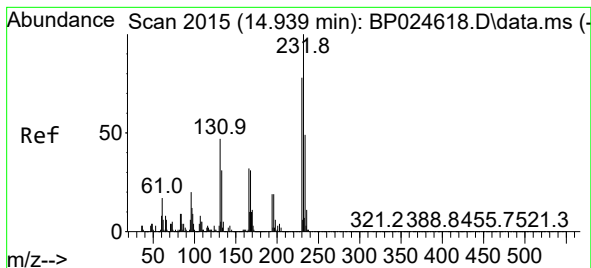
Ion Ratio Lower Upper

166 100

165 98.4 78.5 117.7

167 13.8 10.7 16.1

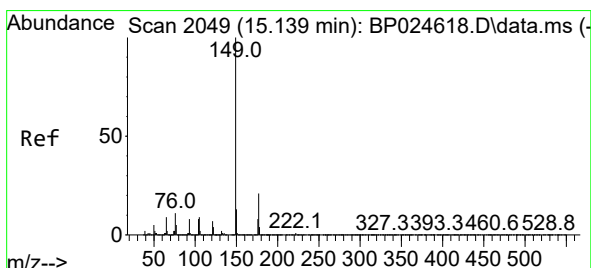
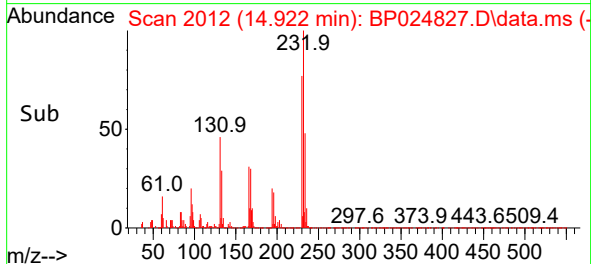
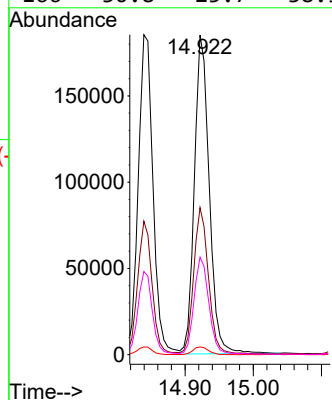
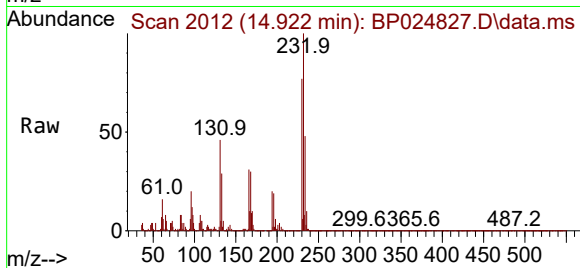




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.518 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

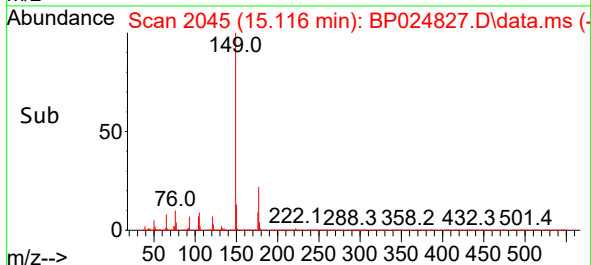
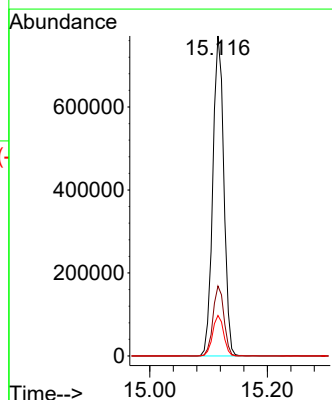
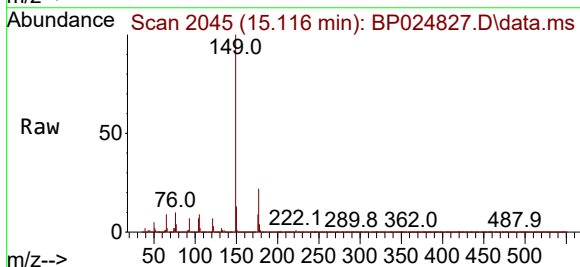
Instrument :
BNA_P
ClientSampleId :
PB168184BS

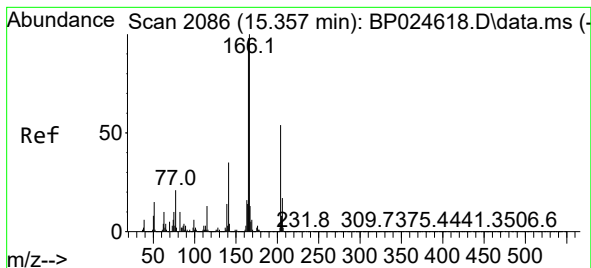
Tgt Ion:232 Resp: 279475
Ion Ratio Lower Upper
232 100
131 45.7 39.5 59.3
130 2.6 2.2 3.4
166 30.8 25.7 38.5



#60
Diethylphthalate
Concen: 43.891 ng
RT: 15.116 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:149 Resp: 1002820
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.6 10.2 15.2

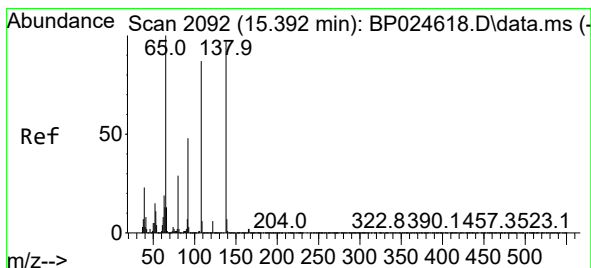
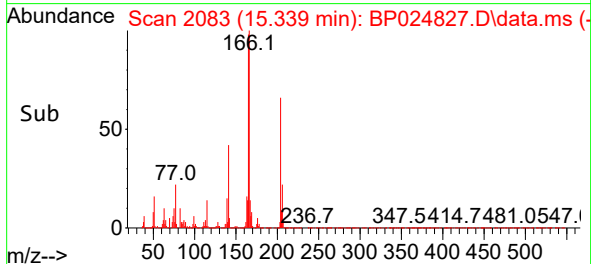
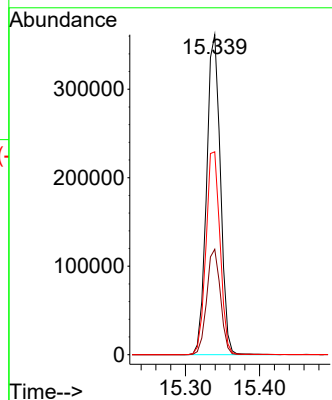
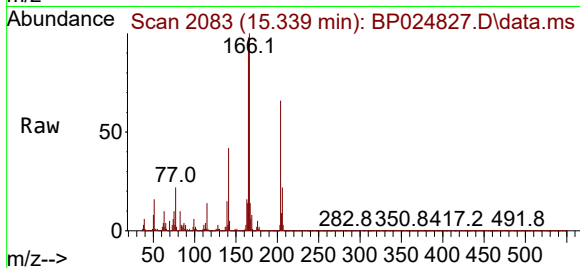




#61
4-Chlorophenyl-phenylether
Concen: 44.978 ng
RT: 15.339 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

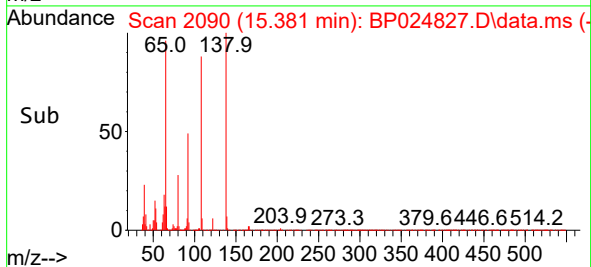
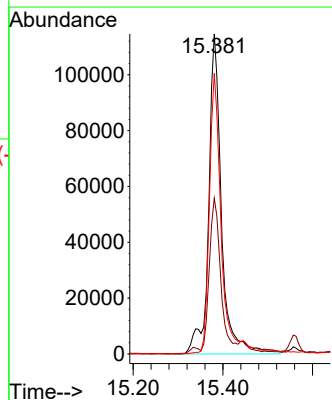
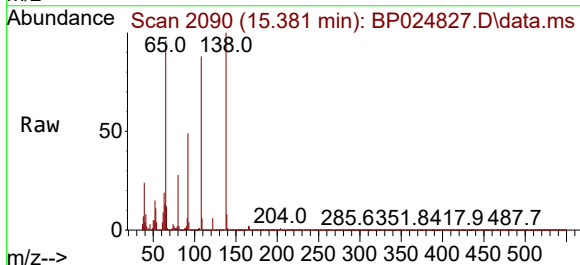
Instrument :
BNA_P
ClientSampleId :
PB168184BS

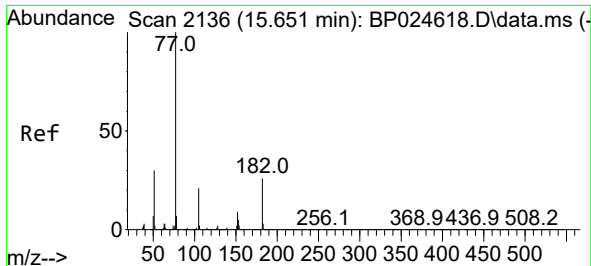
Tgt Ion:204 Resp: 469109
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 63.4 52.9 79.3



#62
4-Nitroaniline
Concen: 48.492 ng
RT: 15.381 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:138 Resp: 228255
Ion Ratio Lower Upper
138 100
92 48.7 29.2 69.2
108 87.6 69.0 109.0

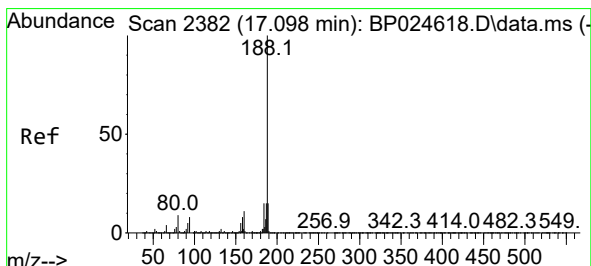
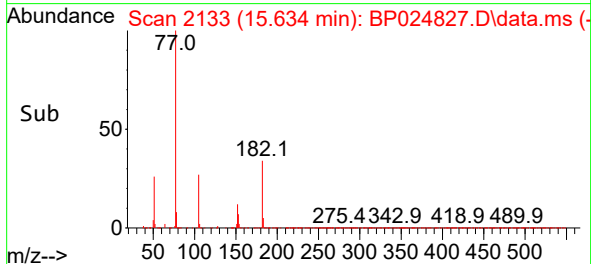
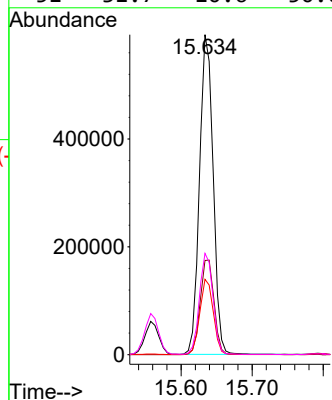
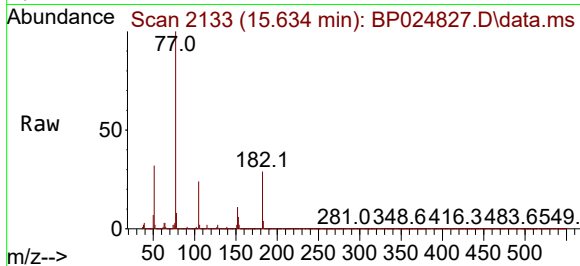




#63
Azobenzene
Concen: 40.588 ng
RT: 15.634 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

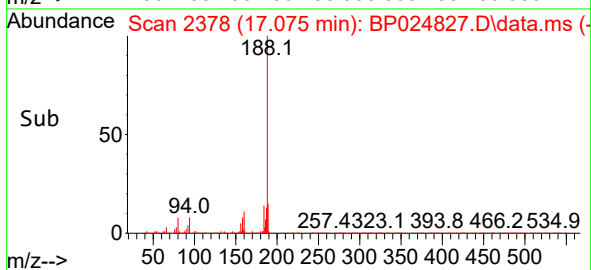
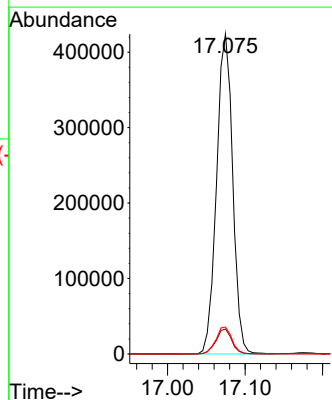
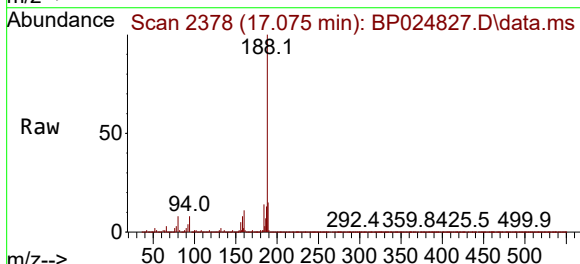
Instrument :
BNA_P
ClientSampleId :
PB168184BS

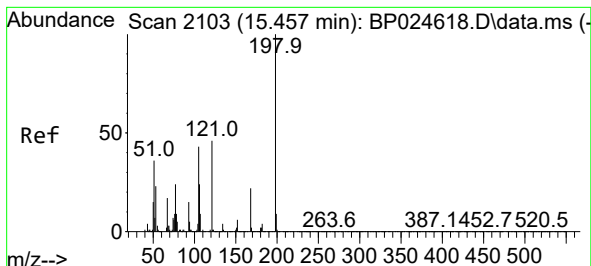
Tgt Ion: 77	Resp: 793328
Ion Ratio	Lower Upper
77 100	
182 29.5	5.7 45.7
105 23.5	1.3 41.3
51 31.7	10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion: 188	Resp: 612399
Ion Ratio	Lower Upper
188 100	
94 7.8	6.5 9.7
80 8.4	7.3 10.9

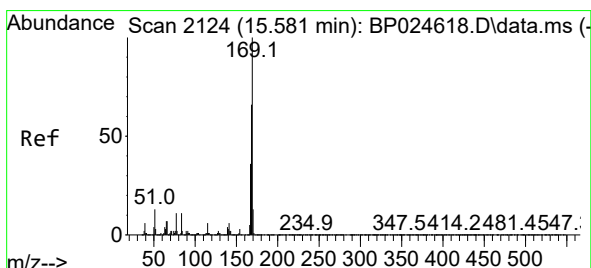
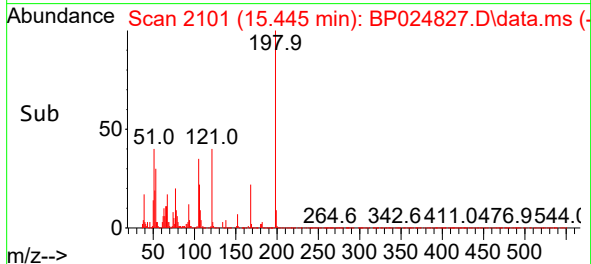
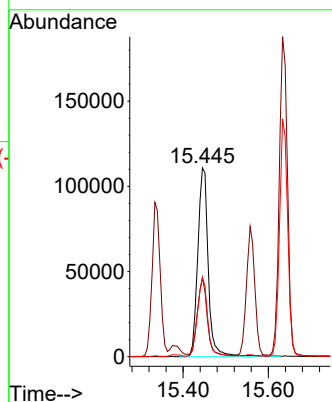
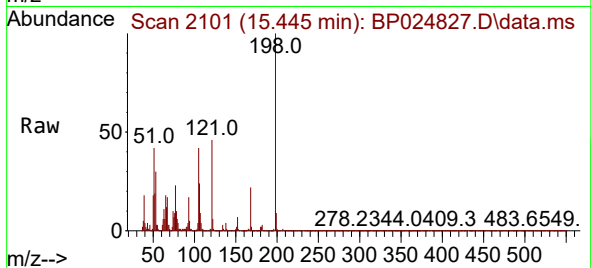




#65
4,6-Dinitro-2-methylphenol
Concen: 47.853 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

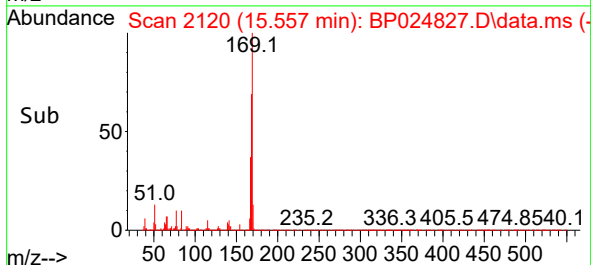
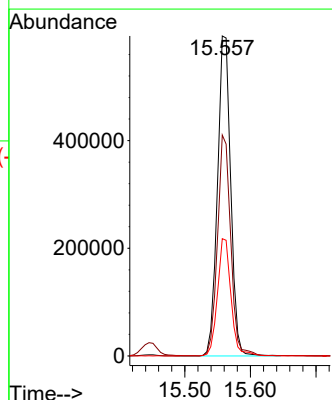
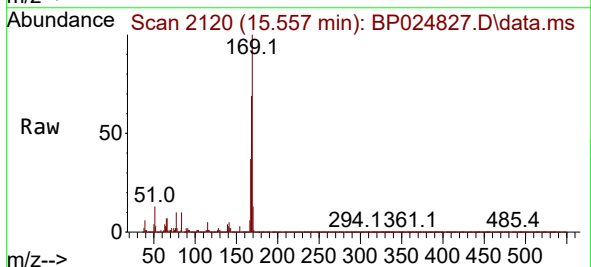
Instrument :
BNA_P
ClientSampleId :
PB168184BS

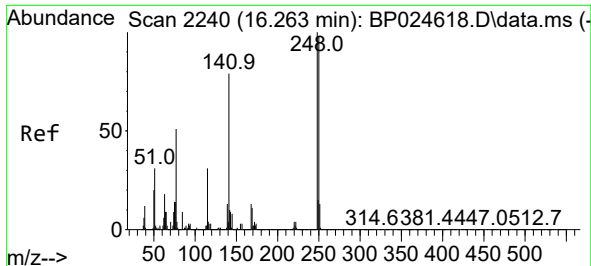
Tgt Ion:198 Resp: 189294
Ion Ratio Lower Upper
198 100
51 42.0 21.1 61.1
105 41.9 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 44.104 ng
RT: 15.557 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:169 Resp: 829619
Ion Ratio Lower Upper
169 100
168 69.1 53.2 79.8
167 36.6 28.6 43.0

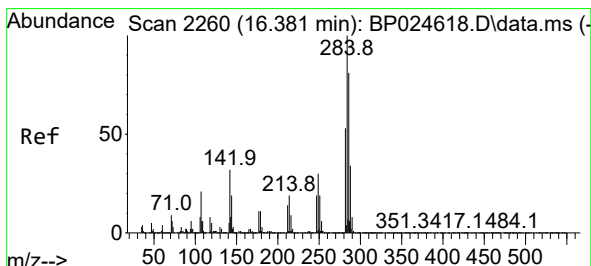
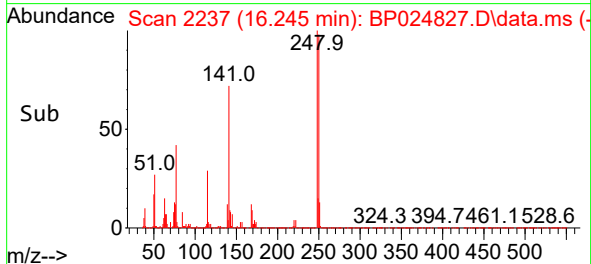
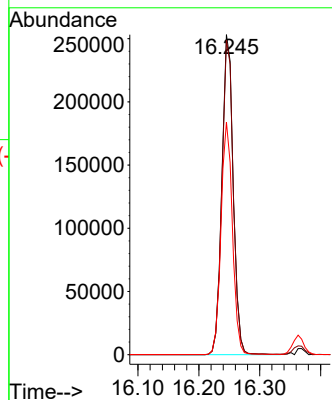
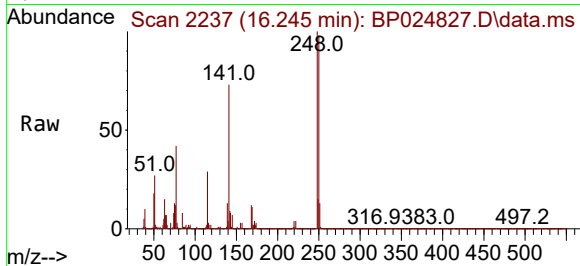




#67
4-Bromophenyl-phenylether
Concen: 45.282 ng
RT: 16.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

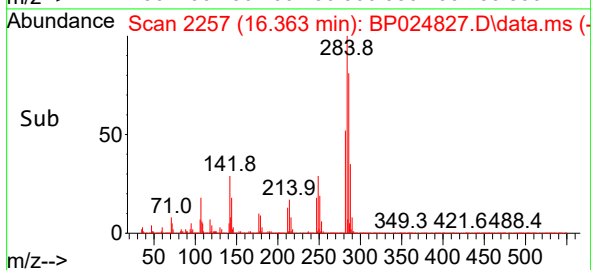
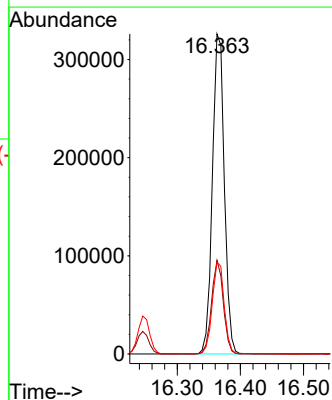
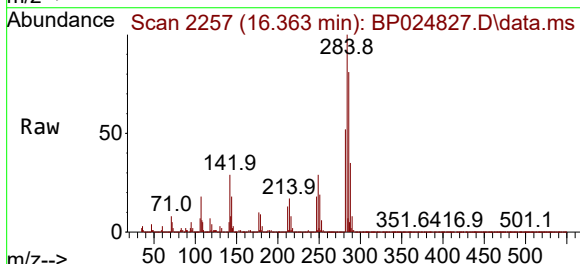
Instrument :
BNA_P
ClientSampleId :
PB168184BS

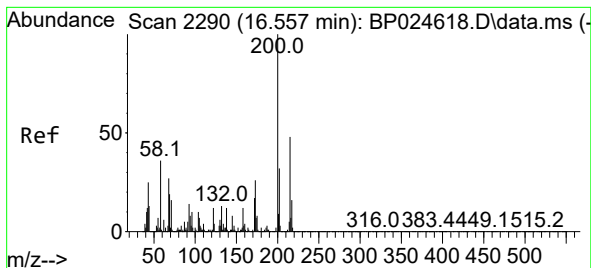
Tgt Ion:248 Resp: 326764
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.4
141 72.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 46.551 ng
RT: 16.363 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:284 Resp: 426852
Ion Ratio Lower Upper
284 100
142 29.3 25.9 38.9
249 28.7 24.1 36.1





#69

Atrazine

Concen: 47.272 ng

RT: 16.539 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

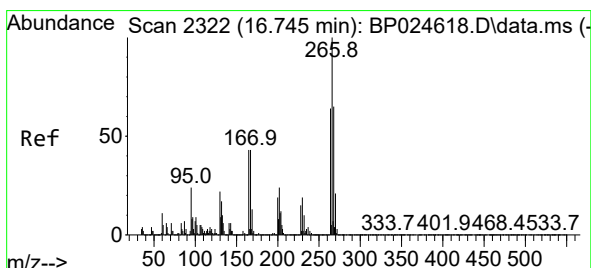
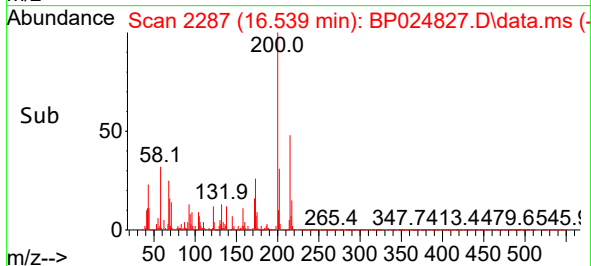
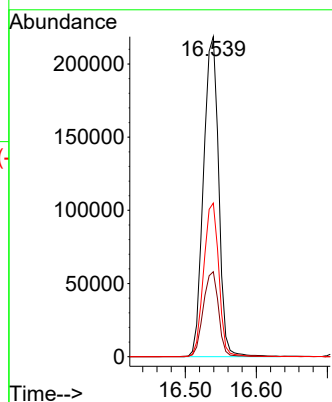
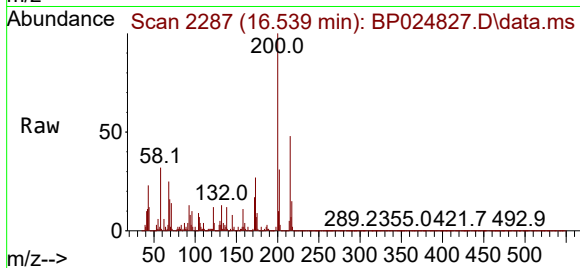
Tgt Ion:200 Resp: 325870

Ion Ratio Lower Upper

200 100

173 26.6 5.9 45.9

215 48.0 28.3 68.3



#70

Pentachlorophenol

Concen: 106.649 ng

RT: 16.728 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

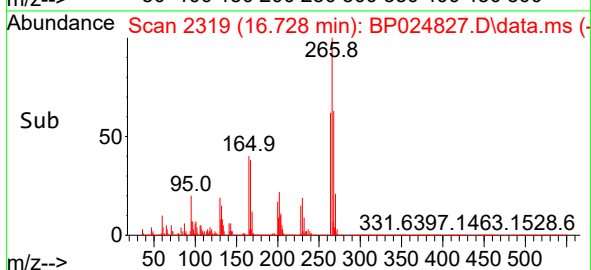
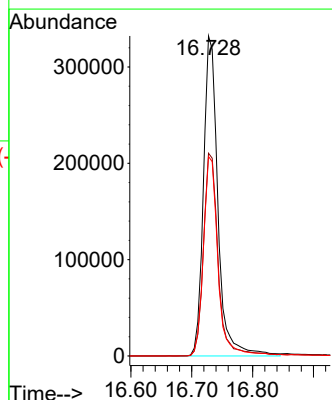
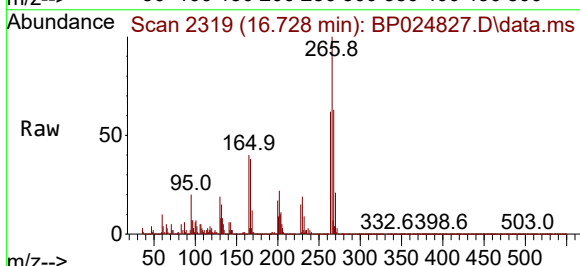
Tgt Ion:266 Resp: 548951

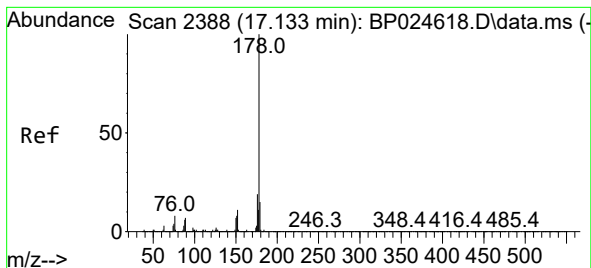
Ion Ratio Lower Upper

266 100

268 63.4 52.2 78.4

264 62.4 51.1 76.7





#71

Phenanthrene

Concen: 43.146 ng

RT: 17.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

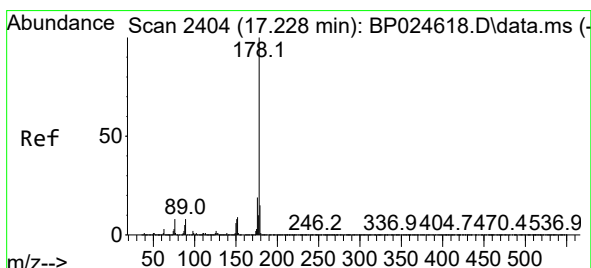
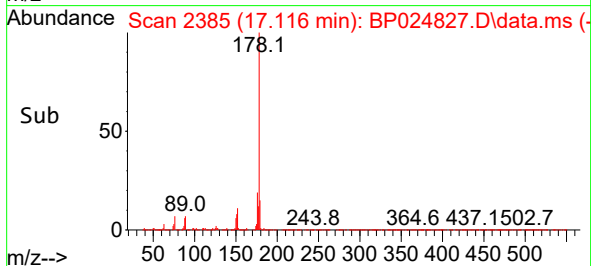
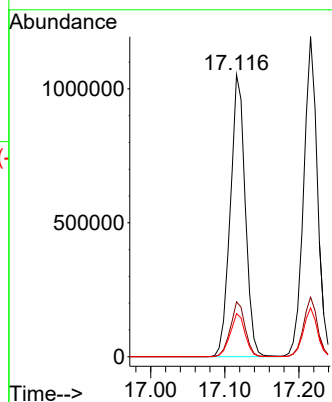
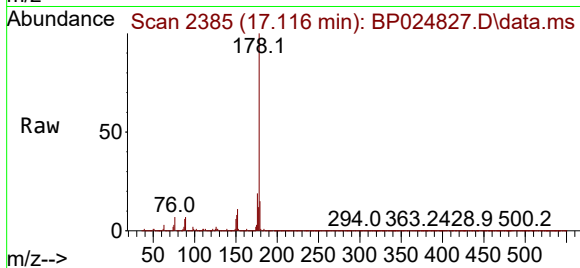
Tgt Ion:178 Resp: 1468859

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.314 ng

RT: 17.216 min Scan# 2402

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

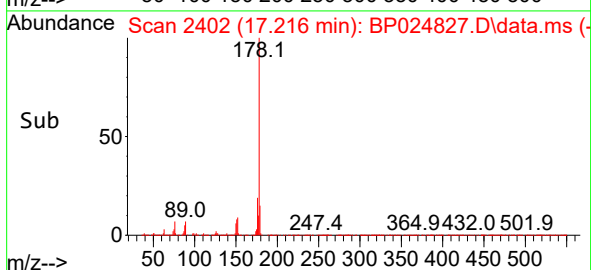
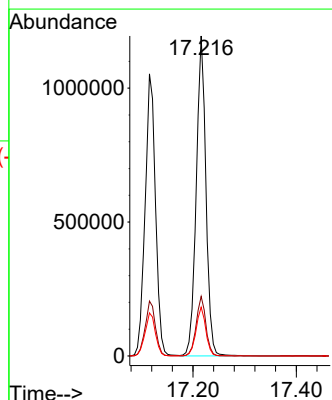
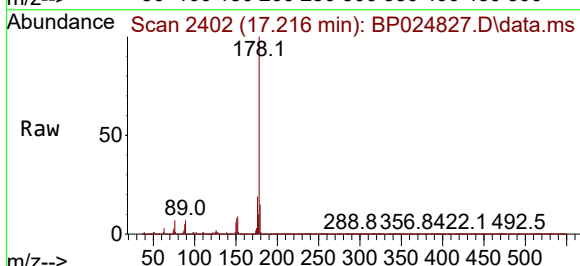
Tgt Ion:178 Resp: 1552121

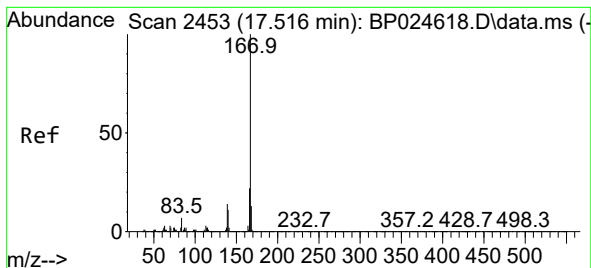
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.3 12.2 18.2





#73

Carbazole

Concen: 46.433 ng

RT: 17.504 min Scan# 2453

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

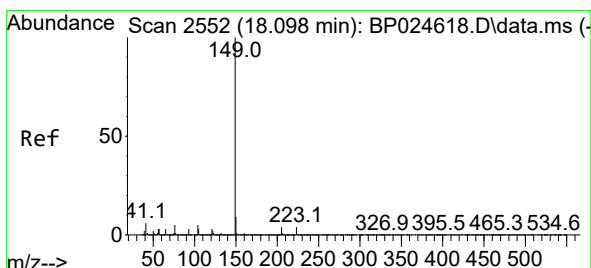
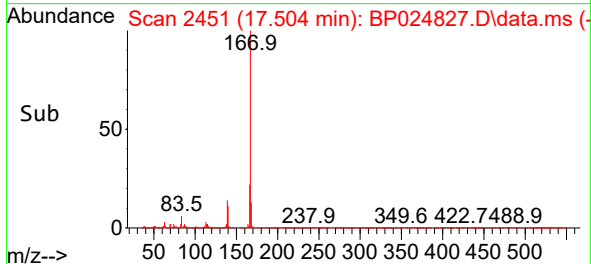
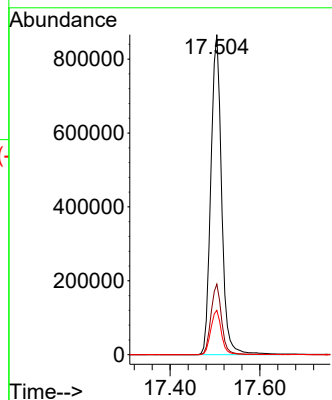
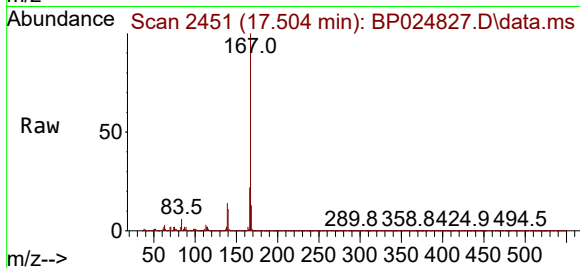
Tgt Ion:167 Resp: 1439509

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 13.9 11.3 16.9



#74

Di-n-butylphthalate

Concen: 44.767 ng

RT: 18.081 min Scan# 2549

Delta R.T. 0.018 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

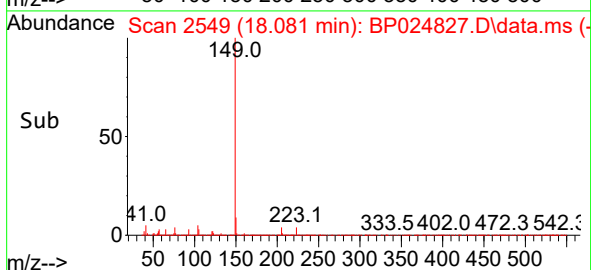
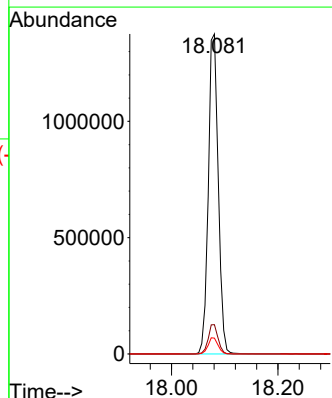
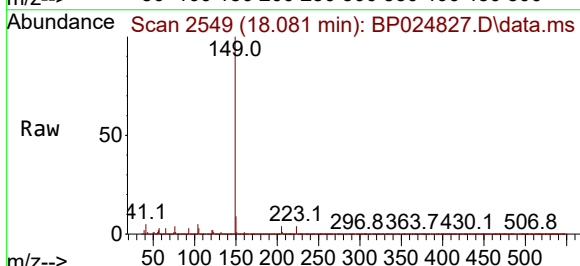
Tgt Ion:149 Resp: 1784907

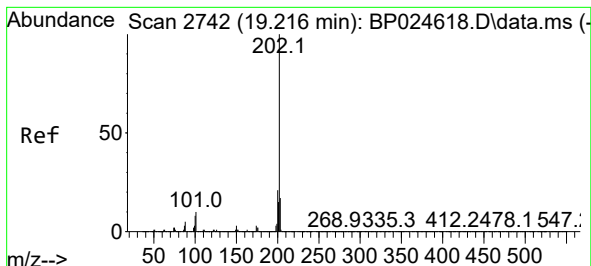
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 45.979 ng

RT: 19.210 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

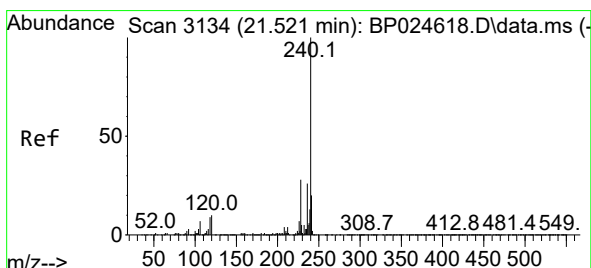
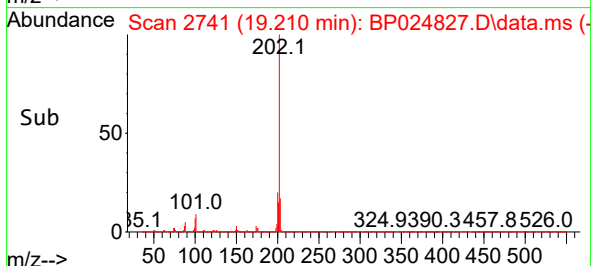
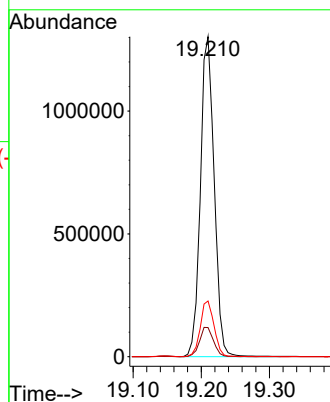
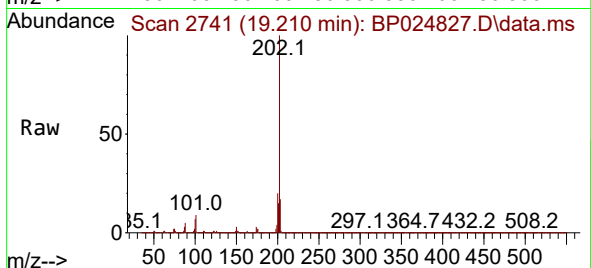
Tgt Ion:202 Resp: 1829753

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.3

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

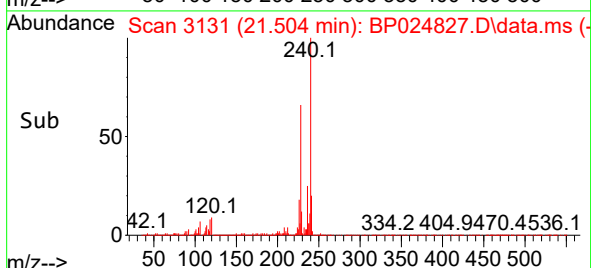
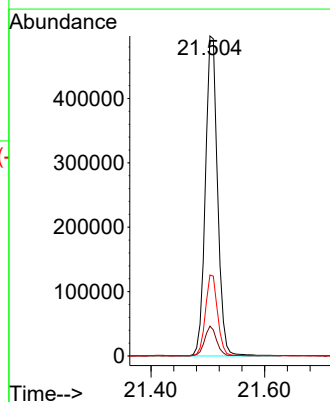
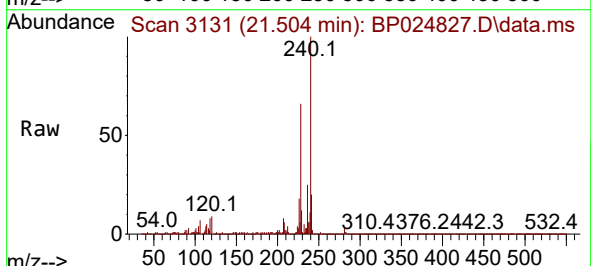
Tgt Ion:240 Resp: 735824

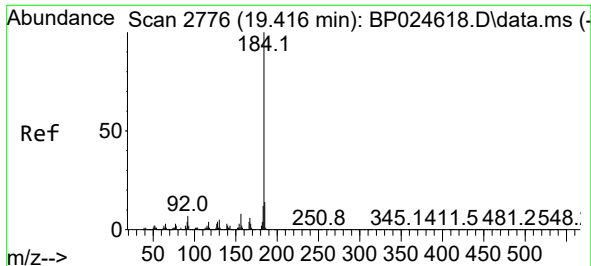
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 25.3 20.6 31.0

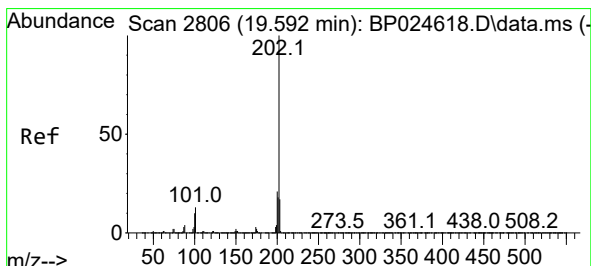
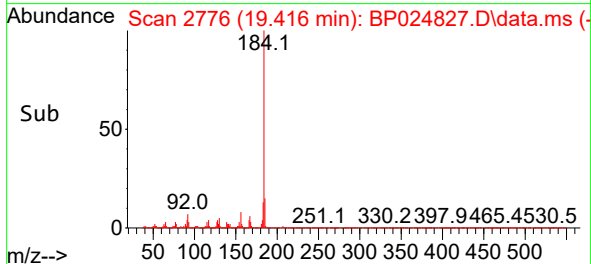
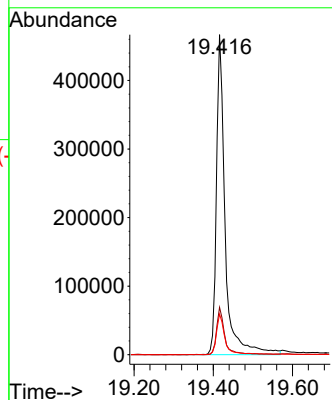
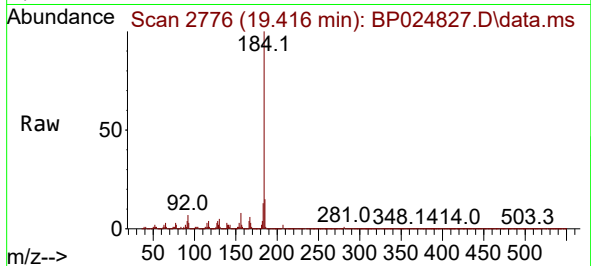




#77
Benzidine
Concen: 35.400 ng
RT: 19.416 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

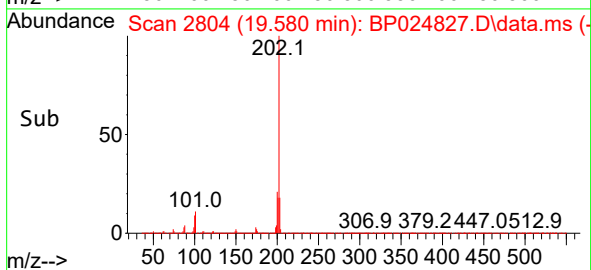
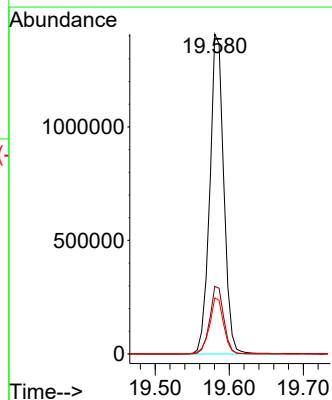
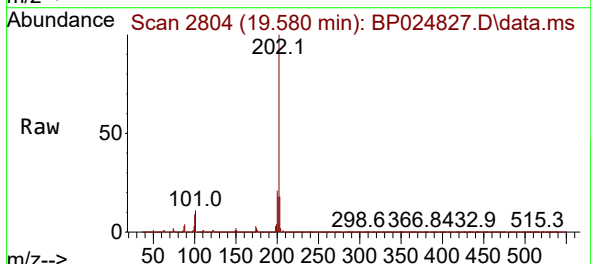
Instrument :
BNA_P
ClientSampleId :
PB168184BS

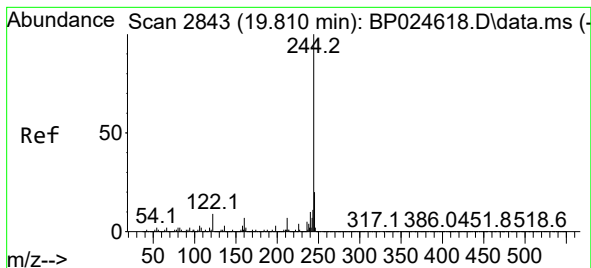
Tgt Ion:184 Resp: 709445
Ion Ratio Lower Upper
184 100
185 14.8 11.2 16.8
183 12.7 9.8 14.8



#78
Pyrene
Concen: 41.884 ng
RT: 19.580 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:202 Resp: 1846623
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 78.084 ng

RT: 19.804 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

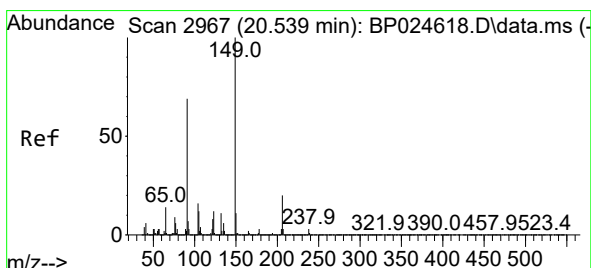
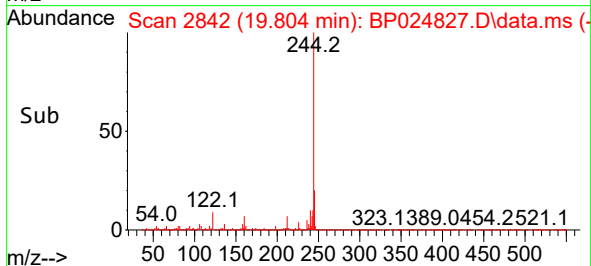
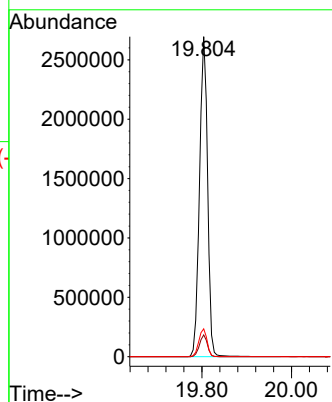
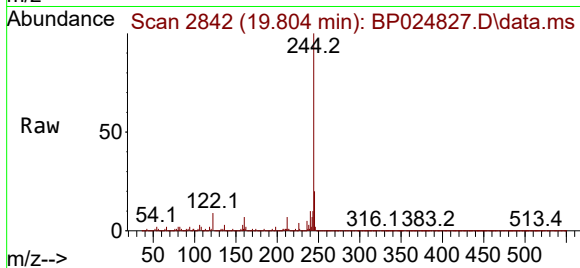
Tgt Ion:244 Resp: 3350797

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.7 7.4 11.0



#80

Butylbenzylphthalate

Concen: 45.858 ng

RT: 20.533 min Scan# 2966

Delta R.T. 0.012 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

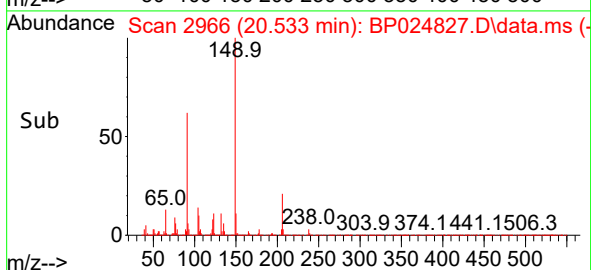
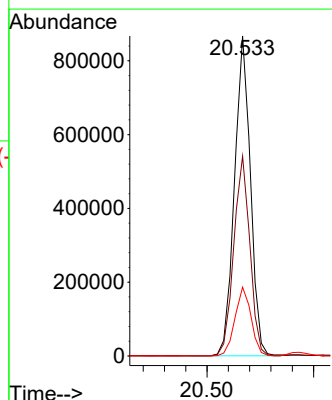
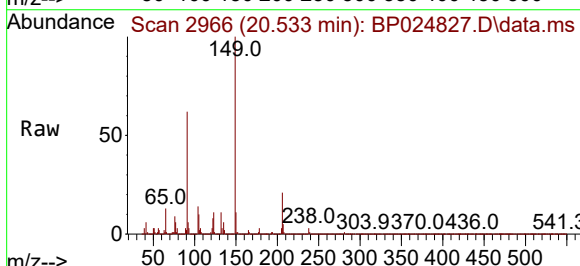
Tgt Ion:149 Resp: 899193

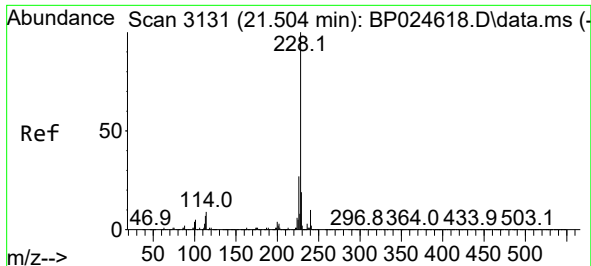
Ion Ratio Lower Upper

149 100

91 62.5 55.4 83.0

206 21.5 16.2 24.2

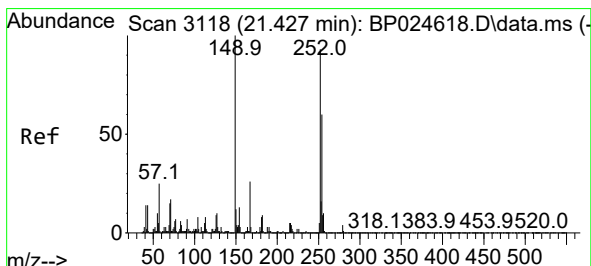
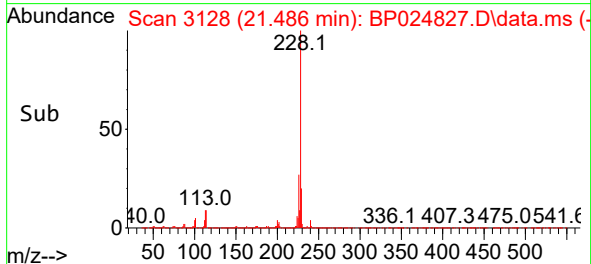
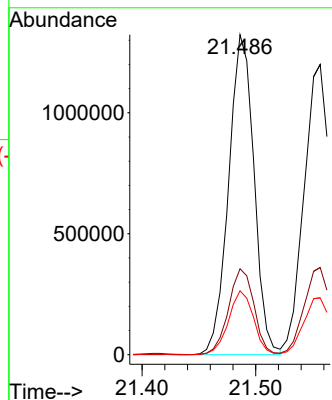
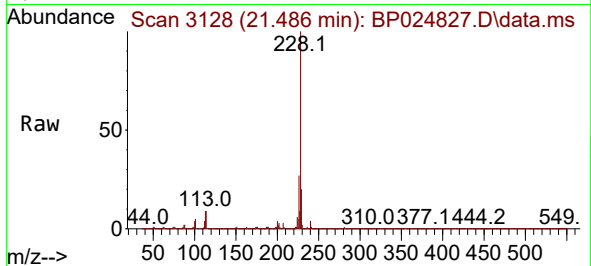




#81
Benzo(a)anthracene
Concen: 44.451 ng
RT: 21.486 min Scan# 3115
Delta R.T. 0.012 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

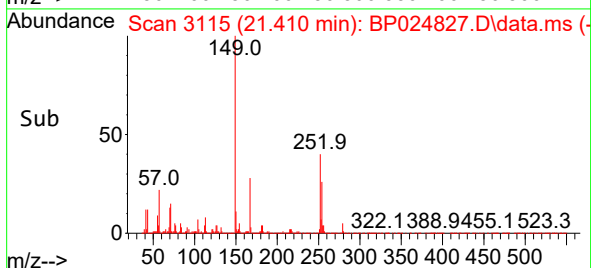
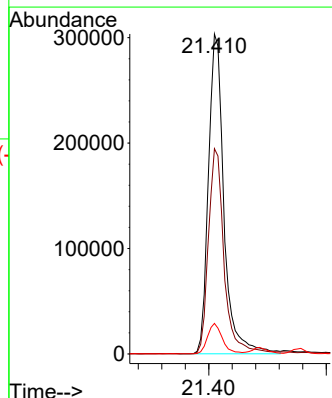
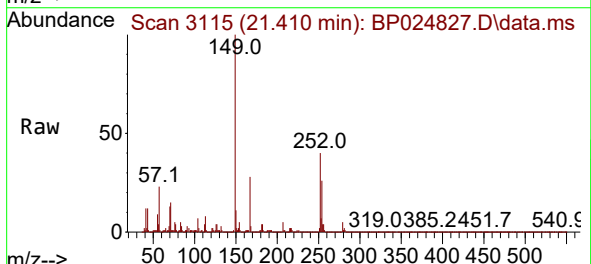
Instrument :
BNA_P
ClientSampleId :
PB168184BS

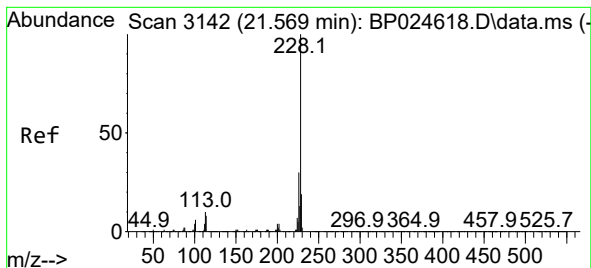
Tgt Ion:228 Resp: 2053772
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 32.425 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:252 Resp: 556448
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 9.5 7.7 11.5





#83

Chrysene

Concen: 44.057 ng

RT: 21.557 min Scan# 3116

Delta R.T. 0.018 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

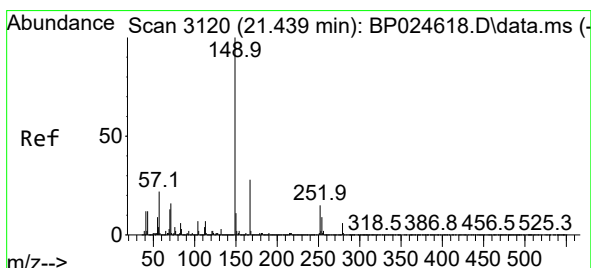
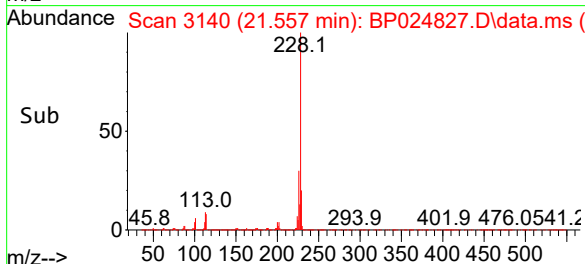
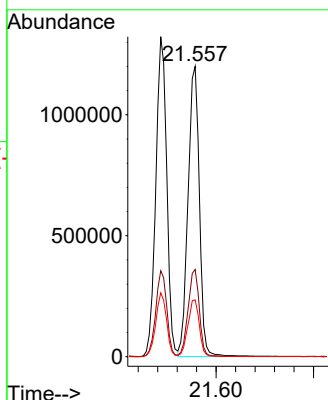
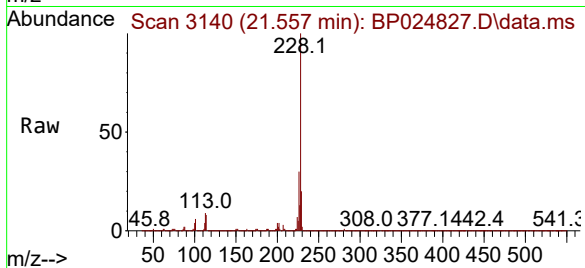
Tgt Ion:228 Resp: 1929656

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.634 ng

RT: 21.416 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

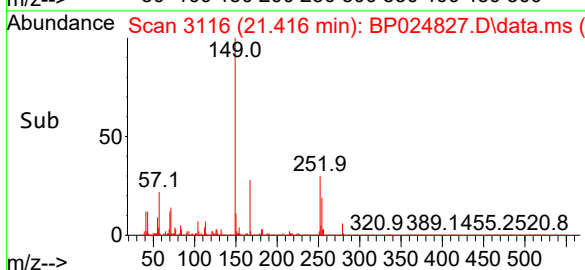
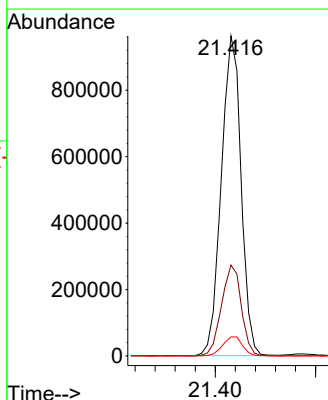
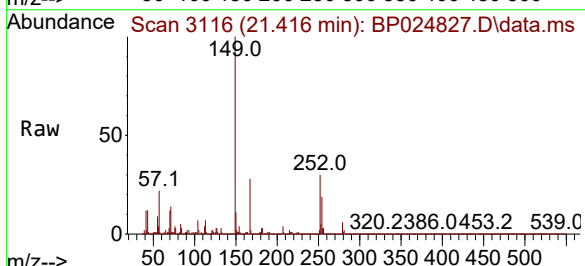
Tgt Ion:149 Resp: 1315201

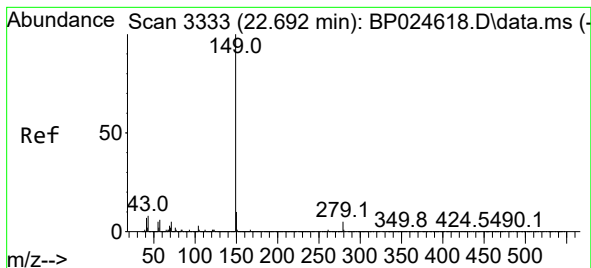
Ion Ratio Lower Upper

149 100

167 28.4 22.1 33.1

279 6.0 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 50.277 ng

RT: 22.663 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

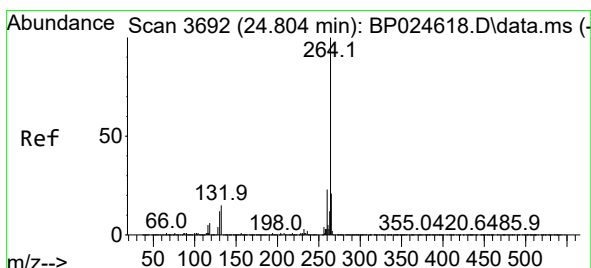
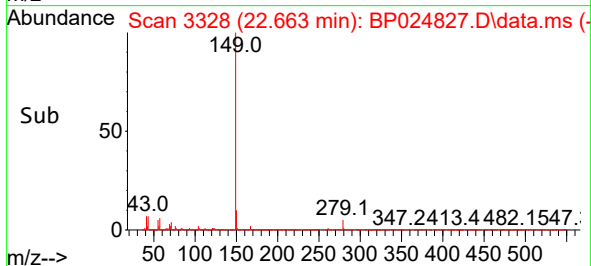
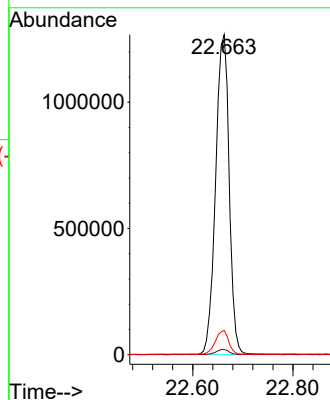
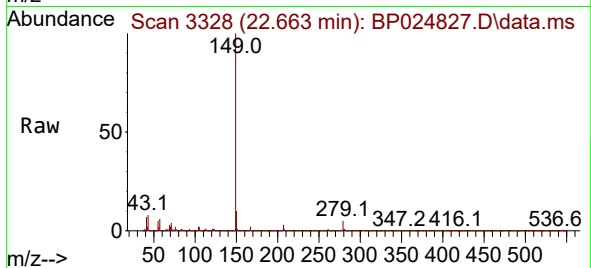
Tgt Ion:149 Resp: 2369537

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3686

Delta R.T. 0.024 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

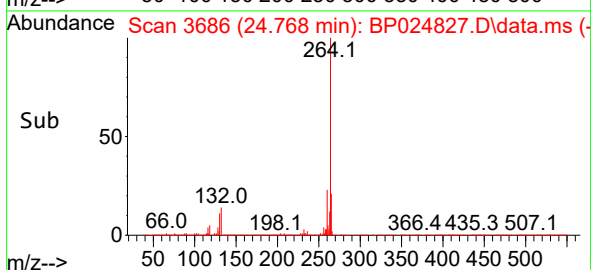
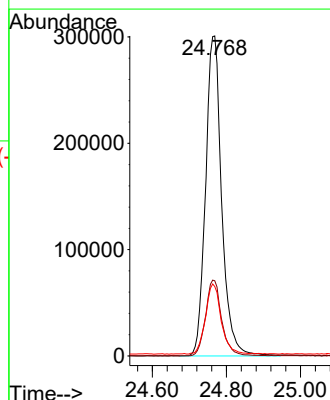
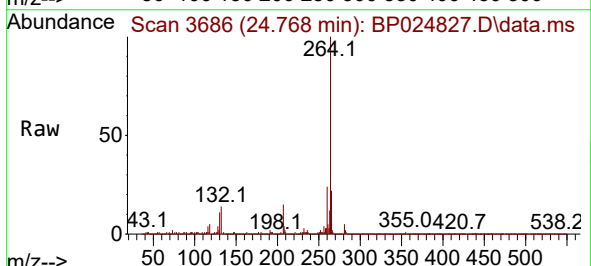
Tgt Ion:264 Resp: 908609

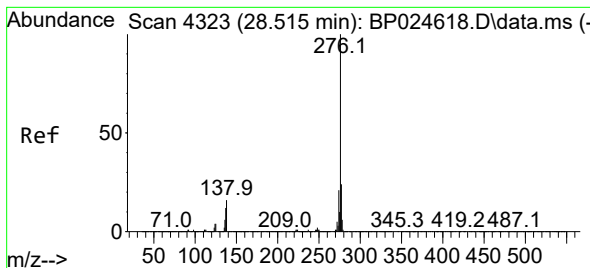
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.224 ng

RT: 28.468 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

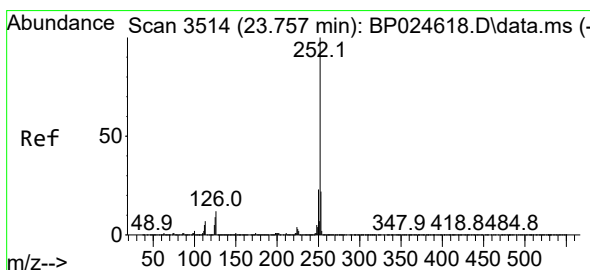
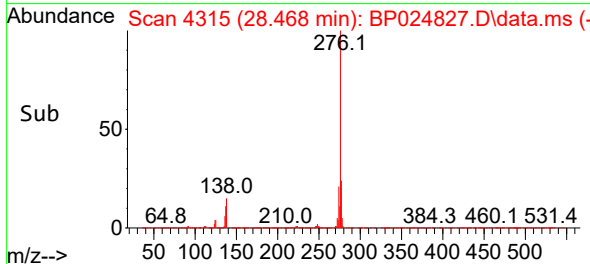
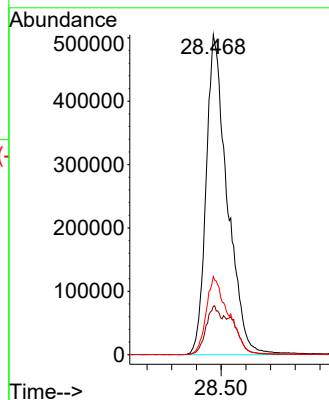
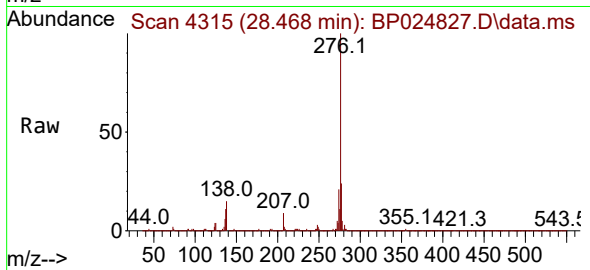
Tgt Ion:276 Resp: 2999886

Ion Ratio Lower Upper

276 100

138 10.4 11.2 16.8#

277 25.6 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 43.970 ng

RT: 23.745 min Scan# 3512

Delta R.T. 0.024 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

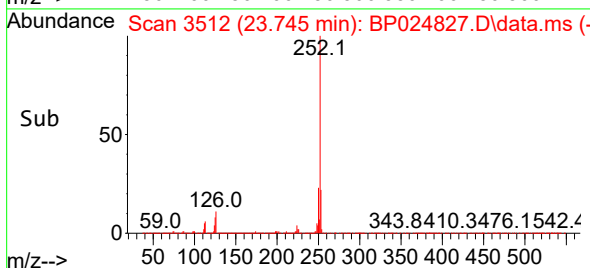
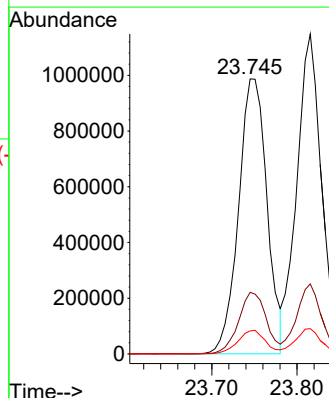
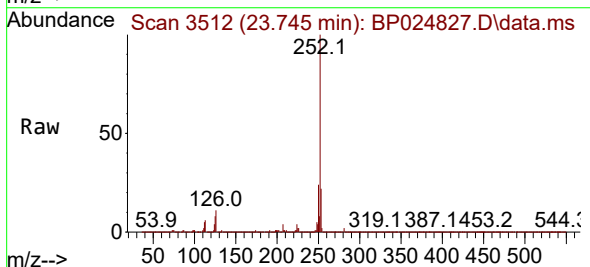
Tgt Ion:252 Resp: 2286762

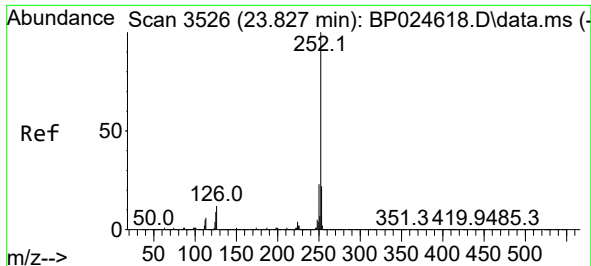
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 8.4 7.5 11.3

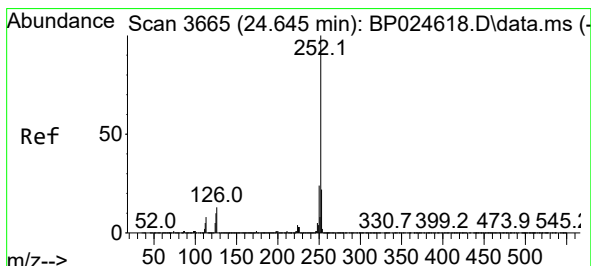
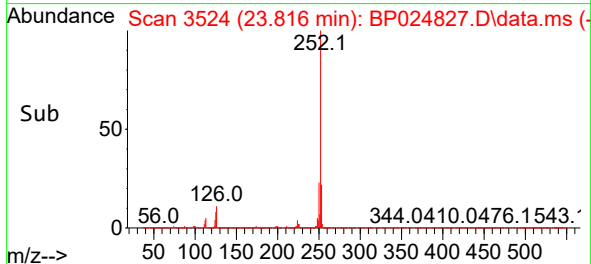
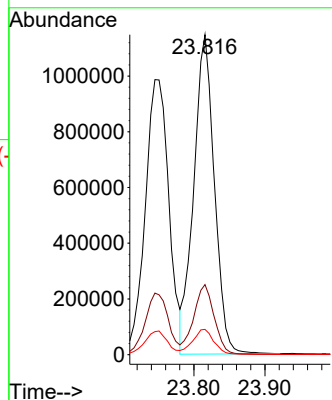
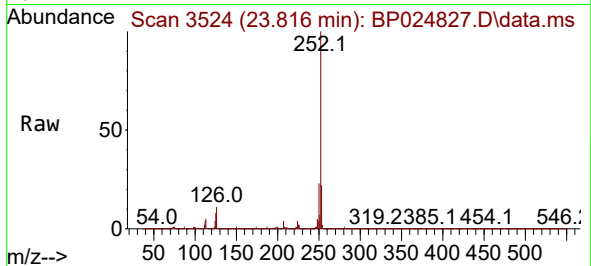




#89
Benzo(k)fluoranthene
Concen: 43.202 ng
RT: 23.816 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

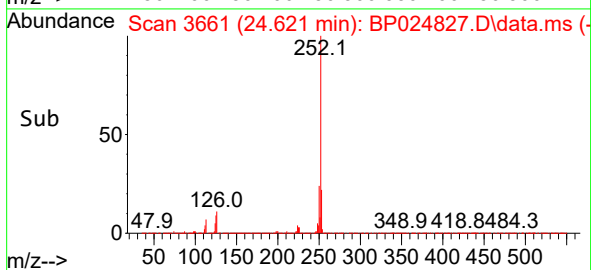
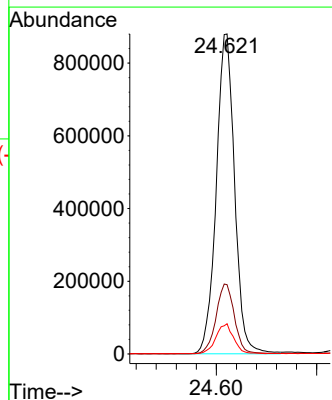
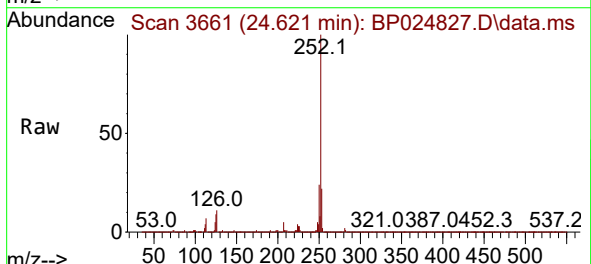
Instrument :
BNA_P
ClientSampleId :
PB168184BS

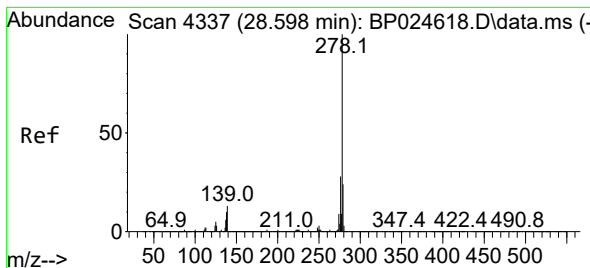
Tgt Ion:252 Resp: 2315195
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.9 7.0 10.4



#90
Benzo(a)pyrene
Concen: 44.724 ng
RT: 24.621 min Scan# 3661
Delta R.T. 0.024 min
Lab File: BP024827.D
Acq: 29 May 2025 13:20

Tgt Ion:252 Resp: 2233888
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.5 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.640 ng

RT: 28.539 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Instrument :

BNA_P

ClientSampleId :

PB168184BS

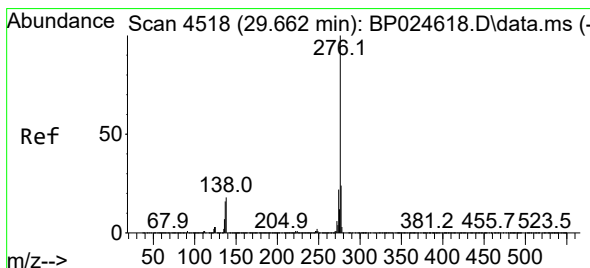
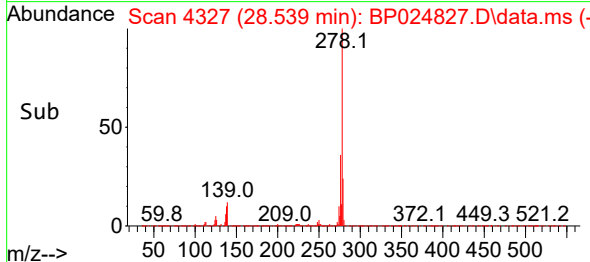
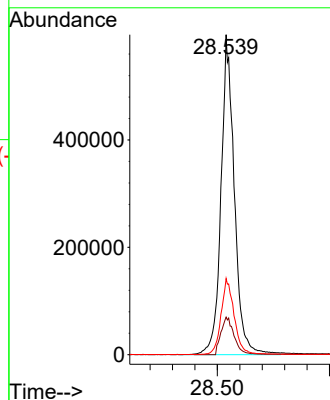
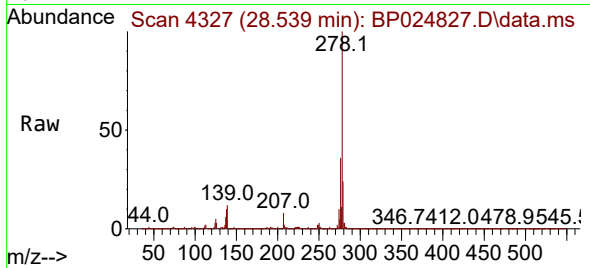
Tgt Ion:278 Resp: 2462932

Ion Ratio Lower Upper

278 100

139 11.7 10.2 15.4

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.677 ng

RT: 29.633 min Scan# 4513

Delta R.T. 0.041 min

Lab File: BP024827.D

Acq: 29 May 2025 13:20

Tgt Ion:276 Resp: 2397579

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 16.2 14.4 21.6

