

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
 Data File : BP024907.D
 Acq On : 11 Jun 2025 11:31
 Operator : RC/JU
 Sample : PB168300BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168300BS

Quant Time: Jun 11 12:11:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	284260	20.000	ng	0.00
21) Naphthalene-d8	10.384	136	1118806	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	705062	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1346679	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1423480	20.000	ng	0.00
86) Perylene-d12	24.748	264	1633276	20.000	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2215500	130.096	ng	0.00
7) Phenol-d6	6.819	99	2809851	124.705	ng	0.00
23) Nitrobenzene-d5	8.760	82	1728381	75.069	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1345812	138.062	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3953950	75.546	ng	0.00
79) Terphenyl-d14	19.789	244	6466301	81.415	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.167	88	230919	30.817	ng 99
3) Pyridine	3.561	79	604735	33.558	ng 99
4) n-Nitrosodimethylamine	3.478	42	286701	38.915	ng 98
6) Aniline	6.949	93	1055415	36.704	ng 100
8) 2-Chlorophenol	7.190	128	865176	44.815	ng 99
9) Benzaldehyde	6.766	77	410374	31.598	ng 96
10) Phenol	6.849	94	1018483	43.847	ng 99
11) bis(2-Chloroethyl)ether	7.043	93	754525	41.300	ng 99
12) 1,3-Dichlorobenzene	7.502	146	871152	40.450	ng 98
13) 1,4-Dichlorobenzene	7.649	146	892518	41.072	ng 100
14) 1,2-Dichlorobenzene	7.960	146	854488	40.044	ng 99
15) Benzyl Alcohol	7.860	79	732307	42.348	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	937163	39.192	ng 98
17) 2-Methylphenol	8.072	107	698663	43.073	ng 99
18) Hexachloroethane	8.672	117	330696	40.421	ng 98
19) n-Nitroso-di-n-propyla...	8.413	70	597122	38.983	ng 99
20) 3+4-Methylphenols	8.402	107	935876	42.290	ng 98
22) Acetophenone	8.431	105	1197113	42.350	ng 98
24) Nitrobenzene	8.807	77	883210	43.180	ng 98
25) Isophorone	9.325	82	1667646	41.792	ng 100
26) 2-Nitrophenol	9.507	139	462205	45.798	ng 99
27) 2,4-Dimethylphenol	9.584	122	788841	45.671	ng 99
28) bis(2-Chloroethoxy)met...	9.801	93	1024680	43.049	ng 100
29) 2,4-Dichlorophenol	10.054	162	775366	46.786	ng 99
30) 1,2,4-Trichlorobenzene	10.248	180	786972	42.101	ng 99
31) Naphthalene	10.431	128	2417478	42.164	ng 100
32) Benzoic acid	9.778	122	547046	46.869	ng 99
33) 4-Chloroaniline	10.554	127	782136	32.561	ng 99
34) Hexachlorobutadiene	10.707	225	493200	43.777	ng 99
35) Caprolactam	11.354	113	261628	42.887	ng 98
36) 4-Chloro-3-methylphenol	11.707	107	865787	45.292	ng 97
37) 2-Methylnaphthalene	12.048	142	1554959	42.755	ng 99
38) 1-Methylnaphthalene	12.272	142	1625831	41.814	ng 98
40) 1,2,4,5-Tetrachloroben...	12.425	216	886419	44.307	ng 99
41) Hexachlorocyclopentadiene	12.395	237	1074406	88.047	ng 100
43) 2,4,6-Trichlorophenol	12.678	196	626192	46.607	ng 99

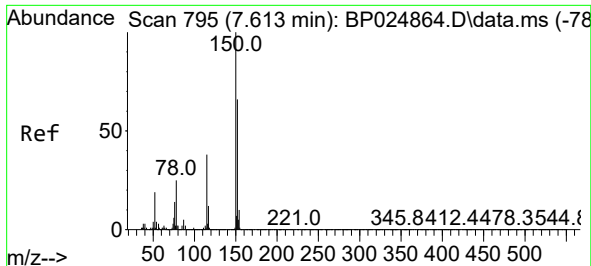
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 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	686152	47.686	ng	98
46) 1,1'-Biphenyl	13.078	154	2216063	43.250	ng	99
47) 2-Chloronaphthalene	13.119	162	1704725	43.288	ng	99
48) 2-Nitroaniline	13.337	65	537932	44.431	ng	99
49) Acenaphthylene	13.978	152	2807623	42.758	ng	100
50) Dimethylphthalate	13.719	163	2231425	42.903	ng	100
51) 2,6-Dinitrotoluene	13.842	165	491014	43.792	ng	99
52) Acenaphthene	14.325	154	1619409	43.039	ng	100
53) 3-Nitroaniline	14.184	138	432828	37.198	ng	100
54) 2,4-Dinitrophenol	14.407	184	650826	88.505	ng	98
55) Dibenzofuran	14.666	168	2564969	42.468	ng	99
56) 4-Nitrophenol	14.542	139	822273	83.238	ng	98
57) 2,4-Dinitrotoluene	14.654	165	707461	45.106	ng	95
58) Fluorene	15.325	166	2086108	42.756	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	604922	47.053	ng	96
60) Diethylphthalate	15.107	149	2295631	44.287	ng	99
61) 4-Chlorophenyl-phenyle...	15.325	204	1051126	44.061	ng	99
62) 4-Nitroaniline	15.366	138	495136	46.930	ng	96
63) Azobenzene	15.625	77	2041999	42.953	ng	97
65) 4,6-Dinitro-2-methylph...	15.431	198	409834	46.315	ng	98
66) n-Nitrosodiphenylamine	15.548	169	1849021	44.298	ng	99
67) 4-Bromophenyl-phenylether	16.236	248	696351	45.828	ng	97
68) Hexachlorobenzene	16.354	284	826223	44.853	ng	97
69) Atrazine	16.525	200	688764	45.518	ng	99
70) Pentachlorophenol	16.719	266	1036395	108.710	ng	98
71) Phenanthrene	17.107	178	3244535	43.598	ng	99
72) Anthracene	17.201	178	3273182	43.428	ng	99
73) Carbazole	17.489	167	3114427	44.581	ng	100
74) Di-n-butylphthalate	18.066	149	4041854	46.696	ng	100
75) Fluoranthene	19.195	202	3763744	43.635	ng	99
77) Benzidine	19.395	184	2017436	45.760	ng	99
78) Pyrene	19.572	202	3916517	44.040	ng	100
80) Butylbenzylphthalate	20.524	149	1923581	47.222	ng	97
81) Benzo(a)anthracene	21.471	228	4049426	44.478	ng	100
82) 3,3'-Dichlorobenzidine	21.389	252	1318154	36.469	ng	100
83) Chrysene	21.536	228	3760081	43.587	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2843025	48.712	ng	99
85) Di-n-octyl phthalate	22.642	149	4956194	48.178	ng	99
87) Indeno(1,2,3-cd)pyrene	28.465	276	5466015	45.868	ng	# 92
88) Benzo(b)fluoranthene	23.730	252	4356357	46.606	ng	99
89) Benzo(k)fluoranthene	23.789	252	4245852	44.624	ng	100
90) Benzo(a)pyrene	24.601	252	4159188	45.563	ng	99
91) Dibenzo(a,h)anthracene	28.530	278	4542460	46.830	ng	99
92) Benzo(g,h,i)perylene	29.624	276	4413732	45.861	ng	99

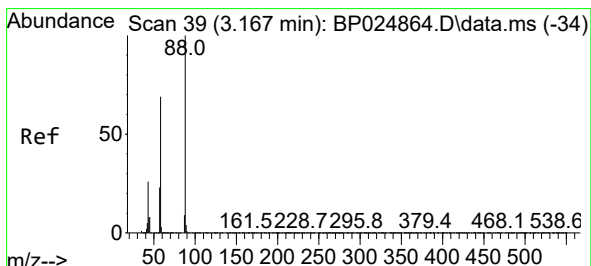
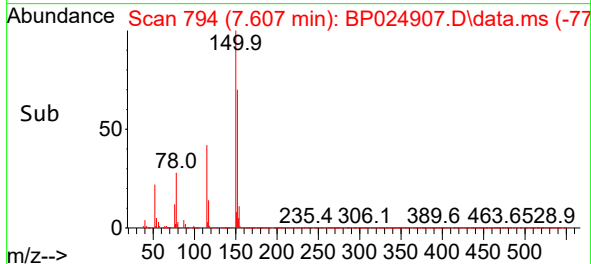
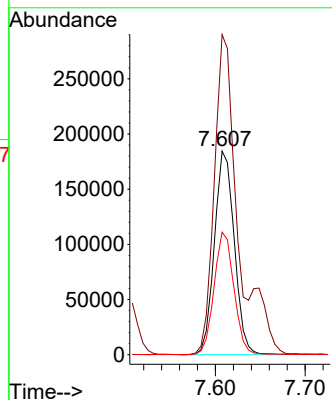
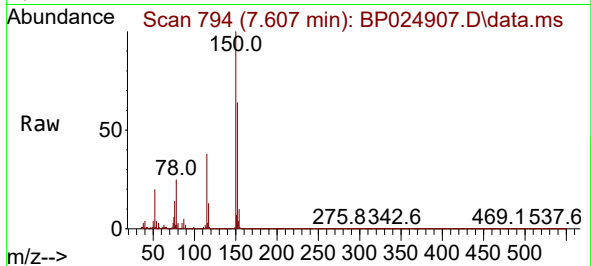
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.607 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024907.D
 Acq: 11 Jun 2025 11:31

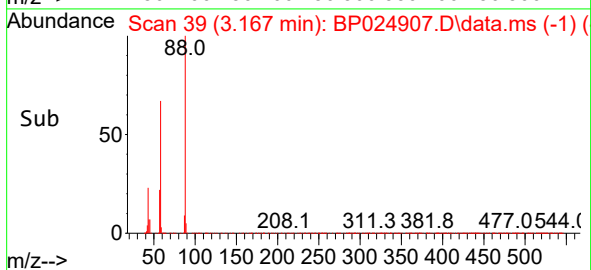
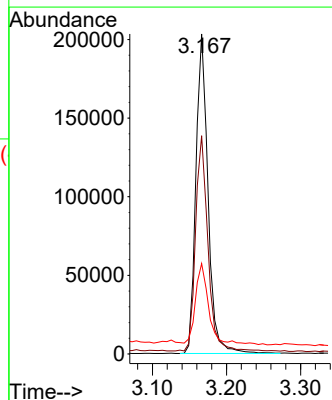
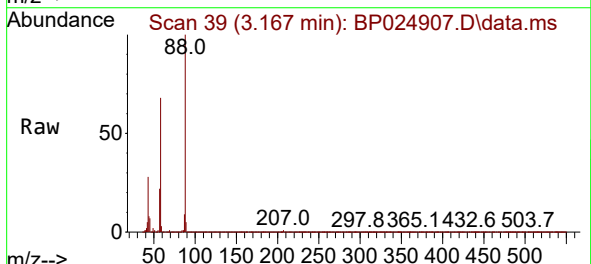
Instrument :
 BNA_P
 ClientSampleId :
 PB168300BS

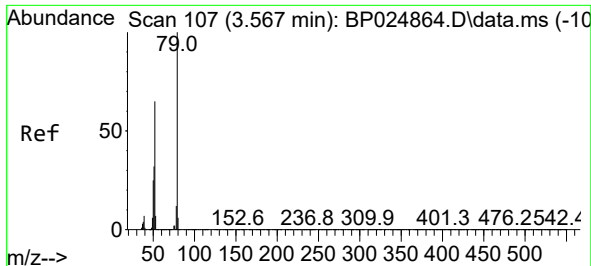
Tgt Ion:152 Resp: 284260
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.1 183.1
 115 60.2 46.4 69.6



#2
 1,4-Dioxane
 Concen: 30.817 ng
 RT: 3.167 min Scan# 39
 Delta R.T. -0.000 min
 Lab File: BP024907.D
 Acq: 11 Jun 2025 11:31

Tgt Ion: 88 Resp: 230919
 Ion Ratio Lower Upper
 88 100
 58 69.1 55.4 83.0
 43 27.9 20.8 31.2

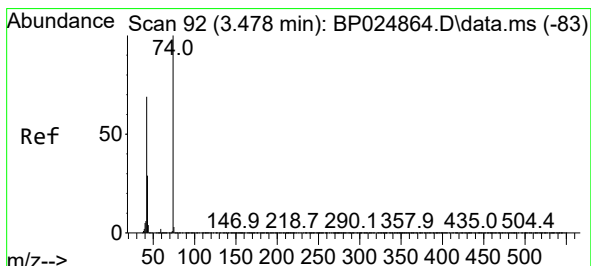
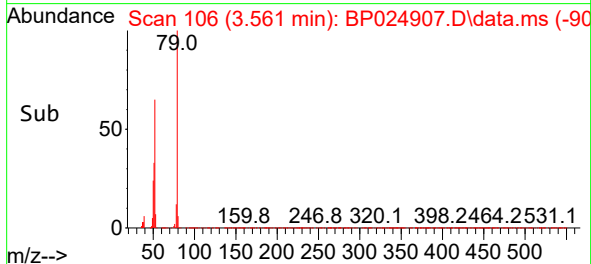
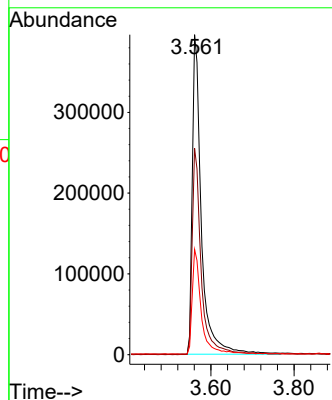
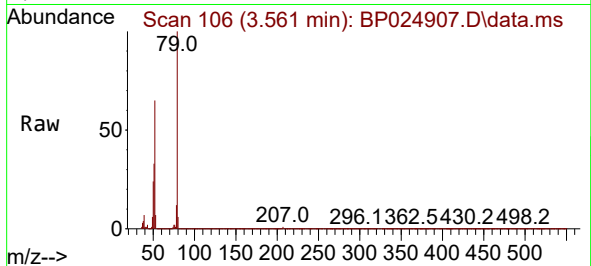




#3
Pyridine
Concen: 33.558 ng
RT: 3.561 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

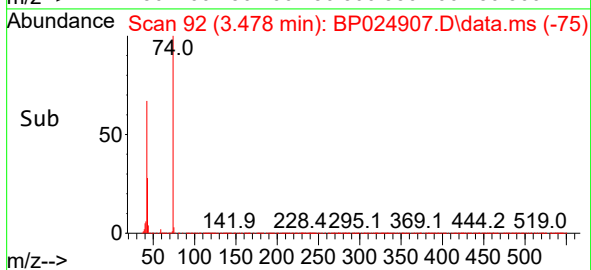
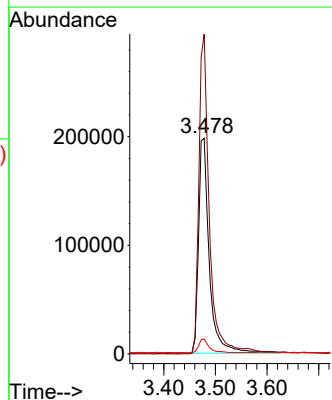
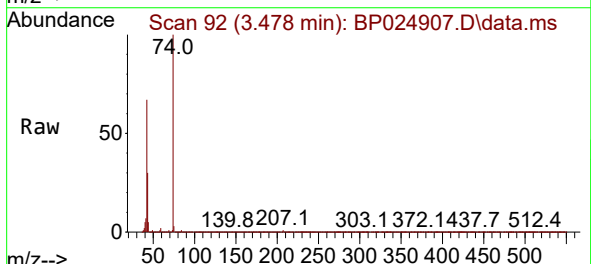
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BNA_P
ClientSampleId :
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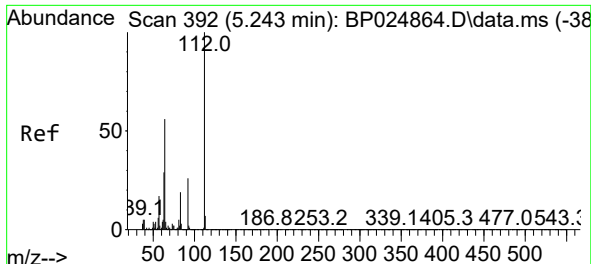
Tgt Ion: 79 Resp: 604735
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 32.9 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 38.915 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion: 42 Resp: 286701
Ion Ratio Lower Upper
42 100
74 148.4 116.6 174.8
44 7.0 5.4 8.0

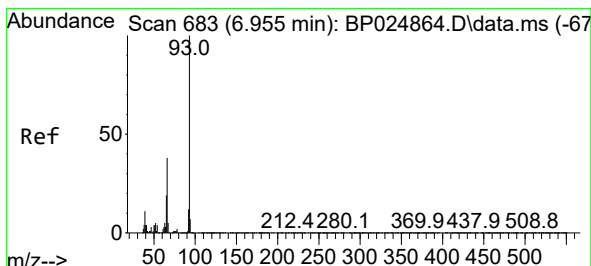
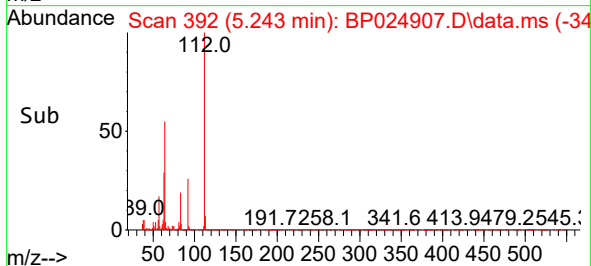
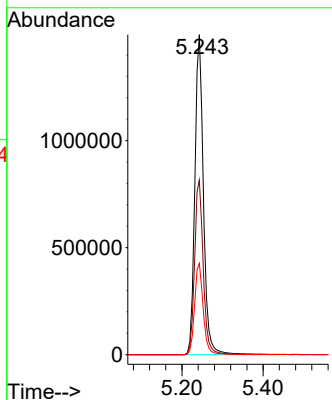
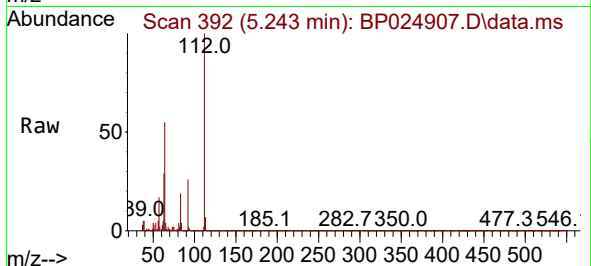




#5
2-Fluorophenol
Concen: 130.096 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

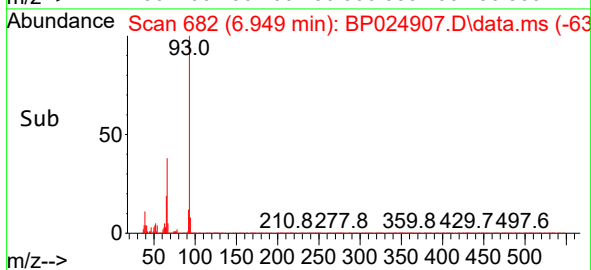
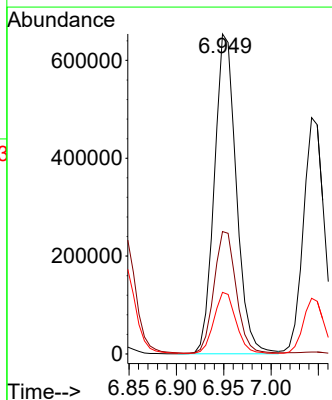
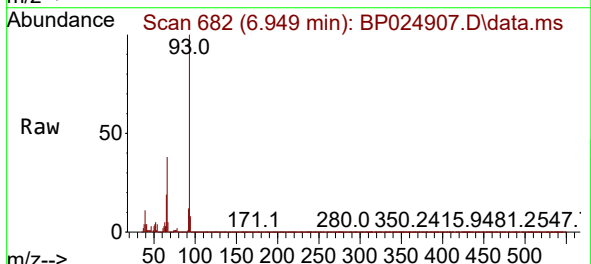
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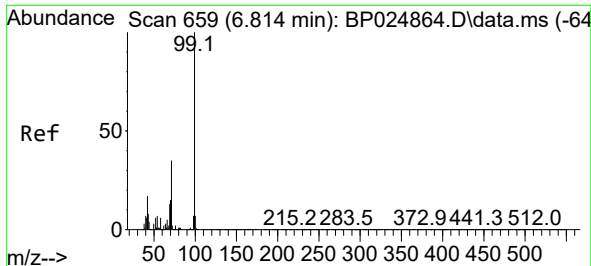
Tgt Ion:112 Resp: 2215500
Ion Ratio Lower Upper
112 100
64 54.6 44.7 67.1
63 28.6 23.5 35.3



#6
Aniline
Concen: 36.704 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion: 93 Resp: 1055415
Ion Ratio Lower Upper
93 100
66 38.2 30.9 46.3
65 19.3 15.5 23.3

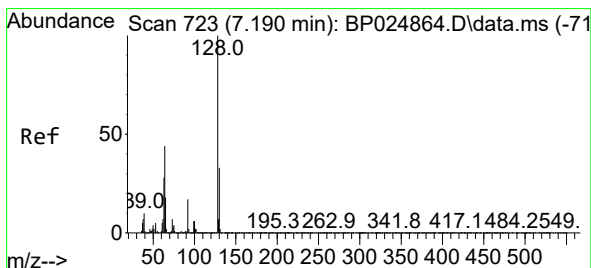
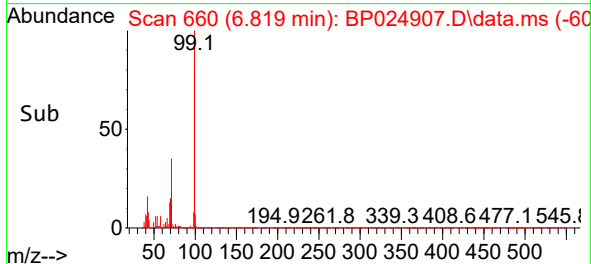
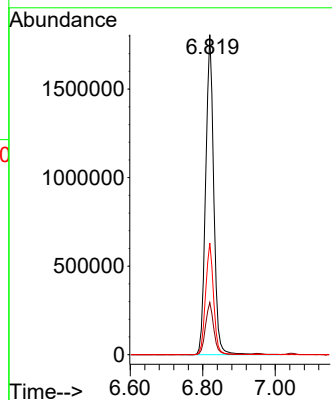
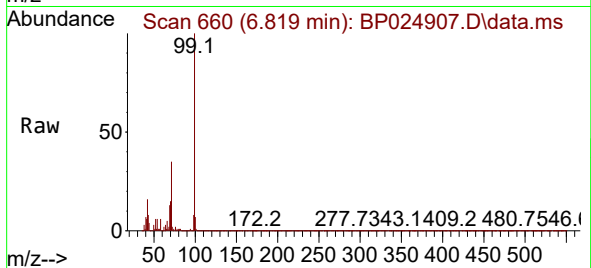




#7
Phenol-d6
Concen: 124.705 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

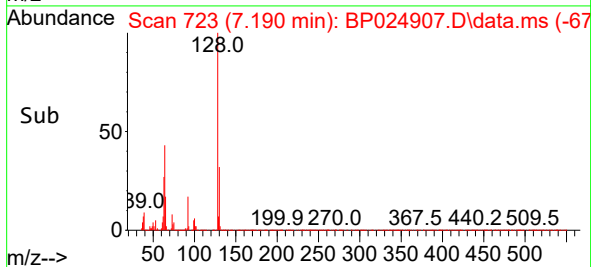
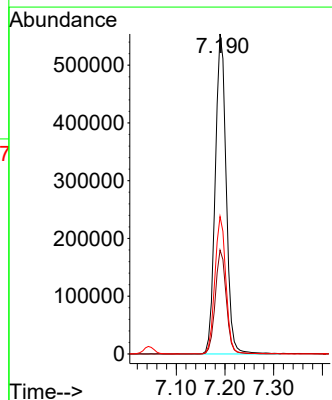
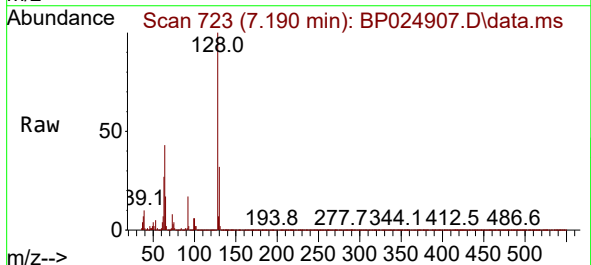
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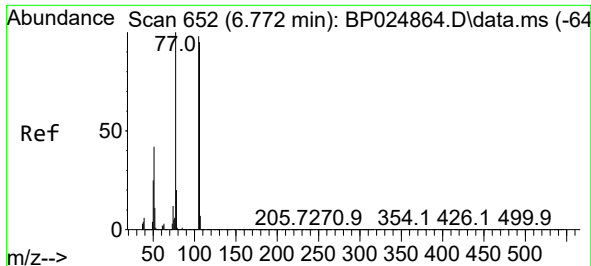
Tgt Ion: 99 Resp: 2809851
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 34.9 27.6 41.4



#8
2-Chlorophenol
Concen: 44.815 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion: 128 Resp: 865176
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 43.0 24.1 64.1

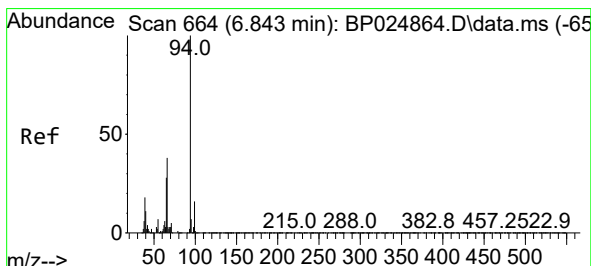
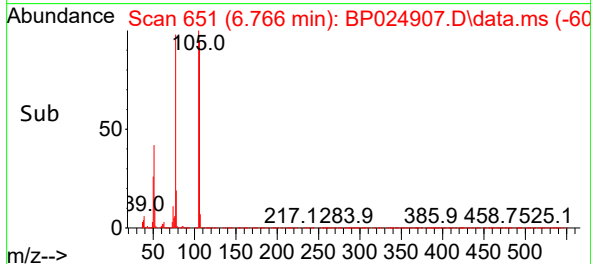
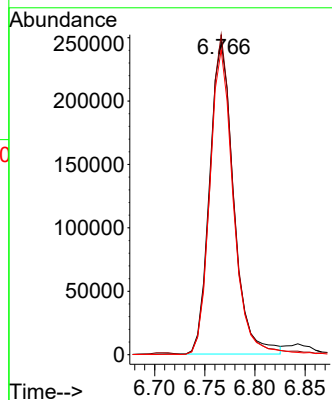
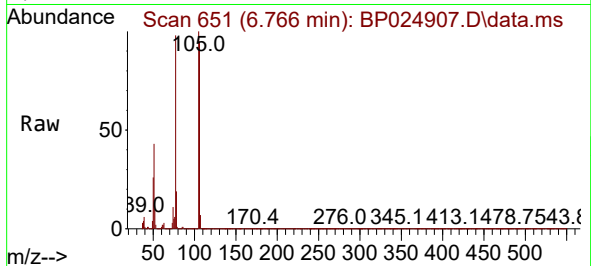




#9
Benzaldehyde
Concen: 31.598 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

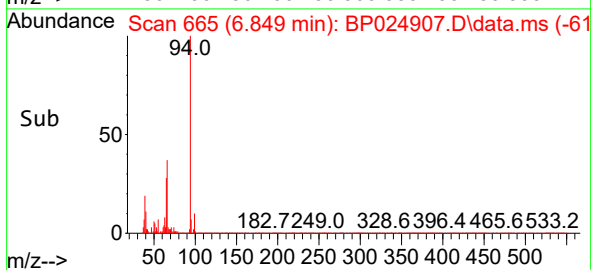
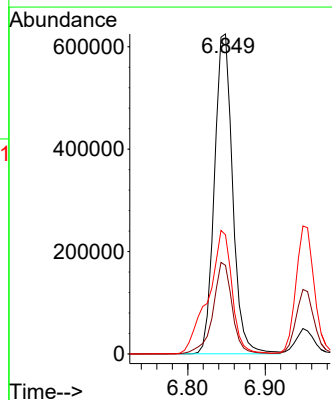
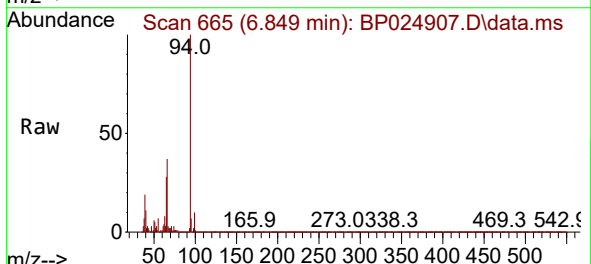
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ClientSampleId :
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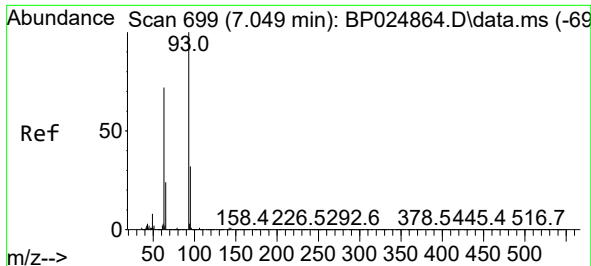
Tgt Ion: 77 Resp: 410374
Ion Ratio Lower Upper
77 100
105 102.2 77.7 117.7
106 97.4 74.8 114.8



#10
Phenol
Concen: 43.847 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion: 94 Resp: 1018483
Ion Ratio Lower Upper
94 100
65 27.7 8.3 48.3
66 37.2 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 41.300 ng

RT: 7.043 min Scan# 699

Delta R.T. -0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

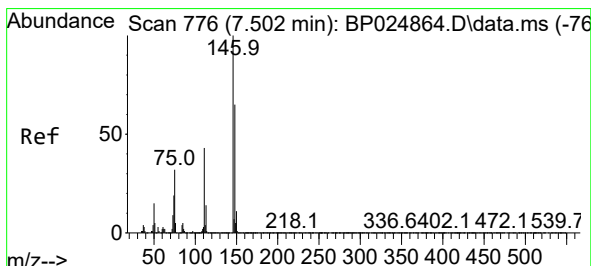
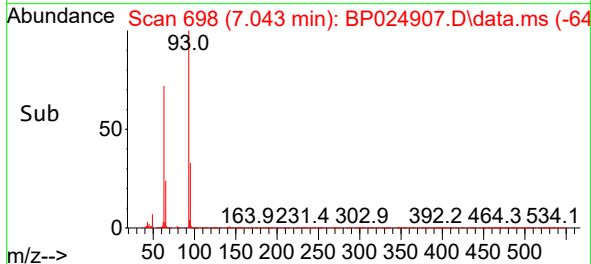
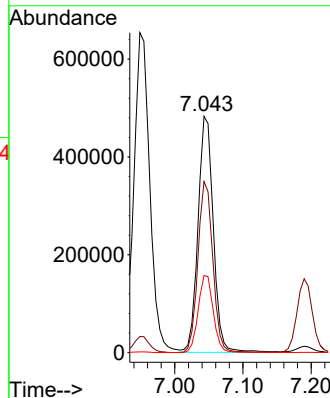
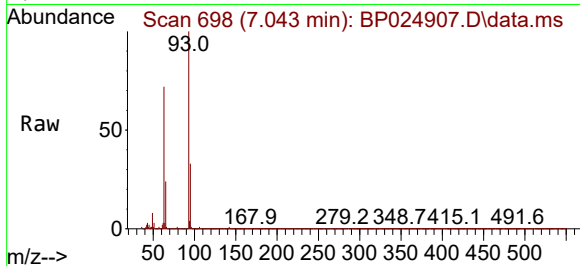
Tgt Ion: 93 Resp: 754525

Ion Ratio Lower Upper

93 100

63 72.4 51.6 91.6

95 32.7 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 40.450 ng

RT: 7.502 min Scan# 776

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

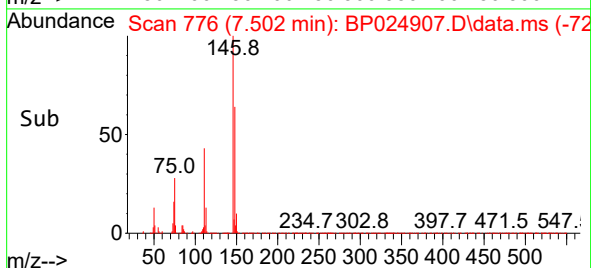
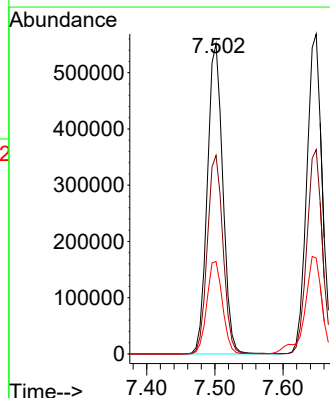
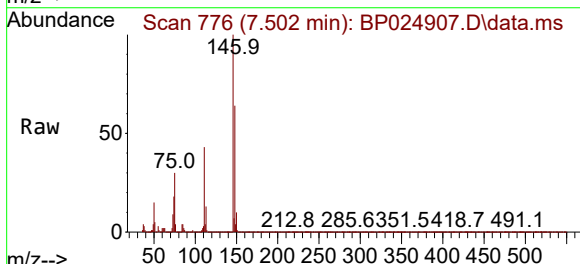
Tgt Ion: 146 Resp: 871152

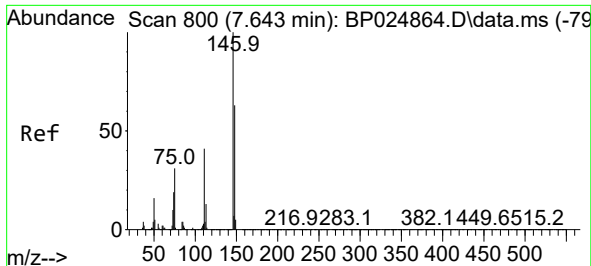
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

75 29.8 25.3 37.9

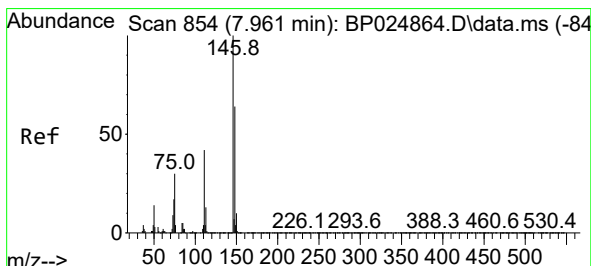
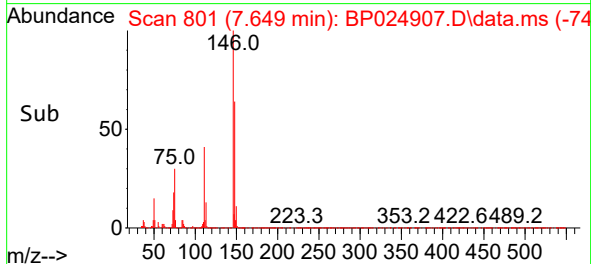
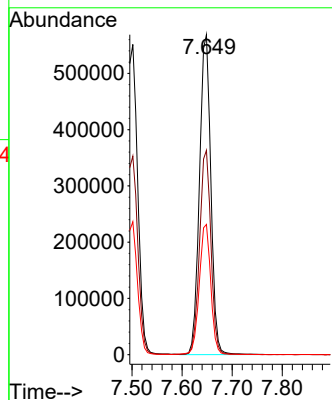
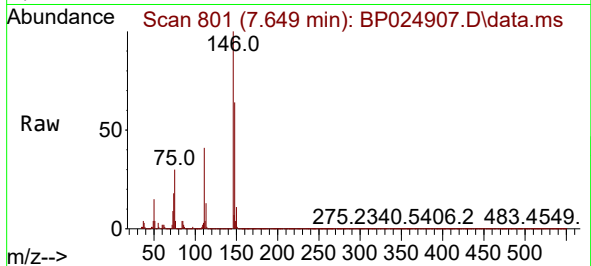




#13
1,4-Dichlorobenzene
Concen: 41.072 ng
RT: 7.649 min Scan# 801
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

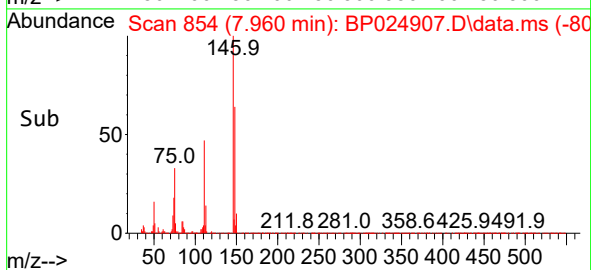
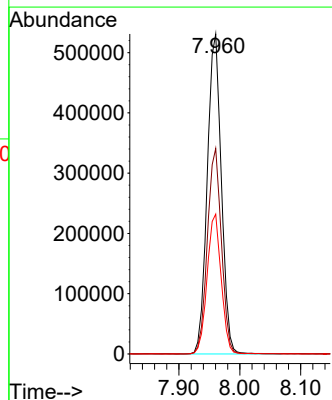
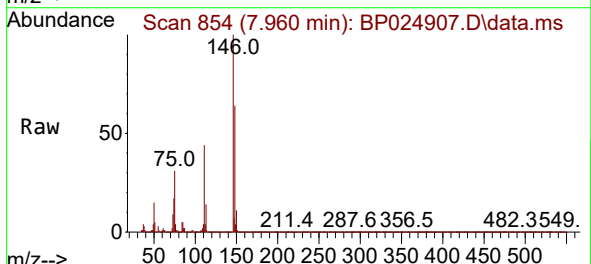
Instrument :
BNA_P
ClientSampleId :
PB168300BS

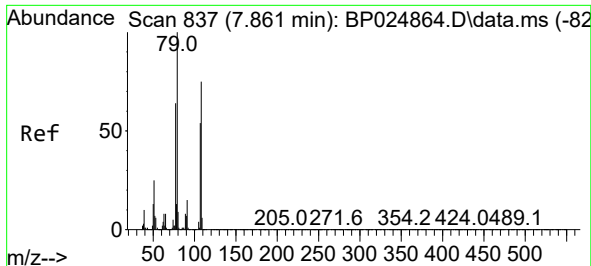
Tgt Ion:146 Resp: 892518
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 40.7 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 40.044 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:146 Resp: 854488
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 43.7 33.8 50.8

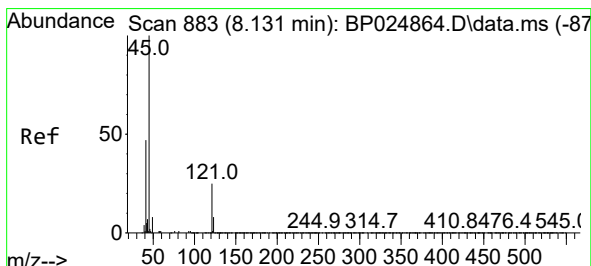
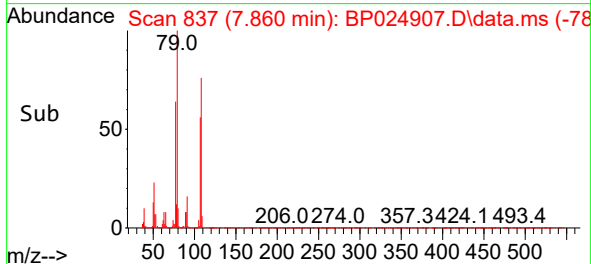
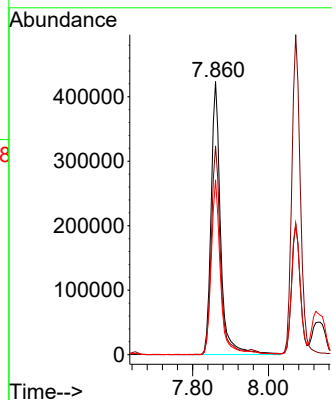
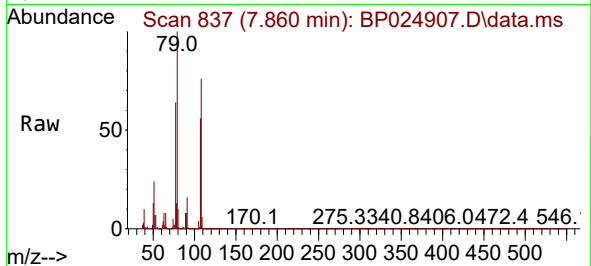




#15
Benzyl Alcohol
Concen: 42.348 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

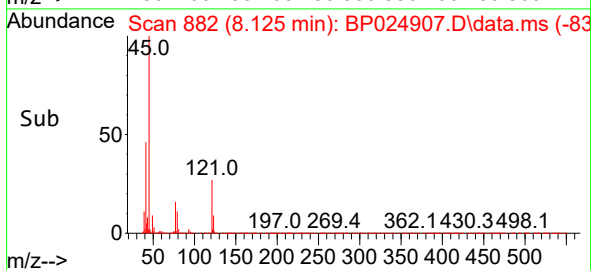
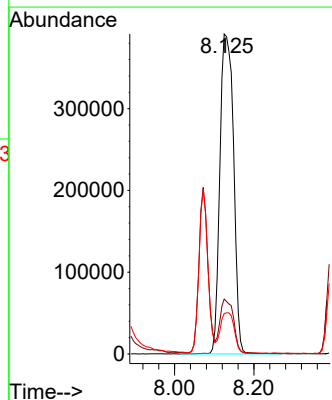
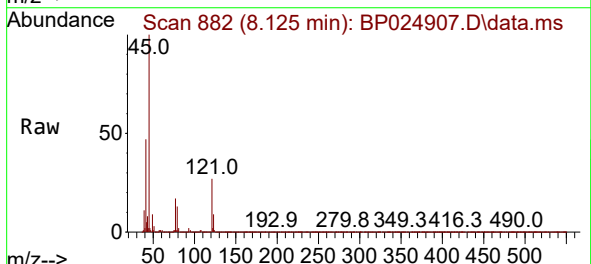
Instrument :
BNA_P
ClientSampleId :
PB168300BS

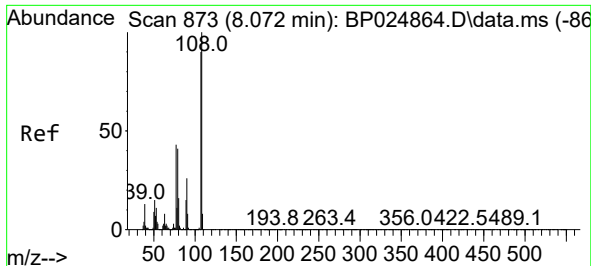
Tgt Ion: 79 Resp: 732307
Ion Ratio Lower Upper
79 100
108 76.4 60.2 90.4
77 64.0 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.192 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion: 45 Resp: 937163
Ion Ratio Lower Upper
45 100
77 17.2 0.0 36.3
79 12.7 0.0 32.2

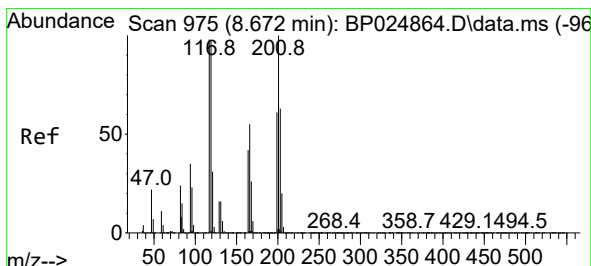
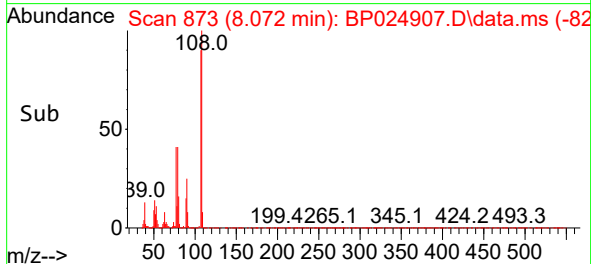
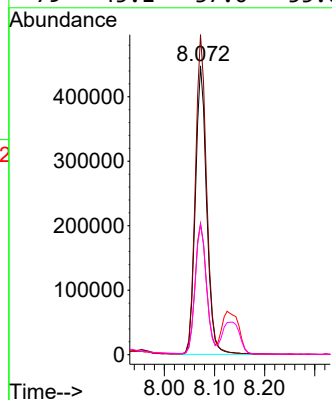
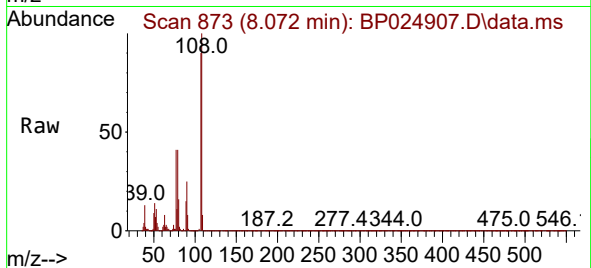




#17
2-Methylphenol
Concen: 43.073 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

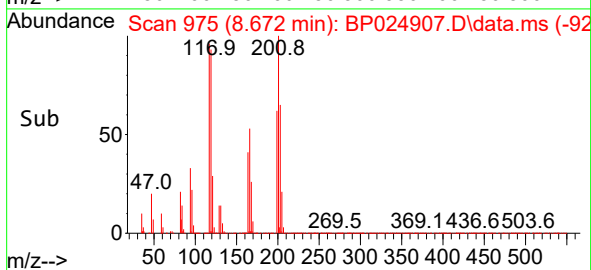
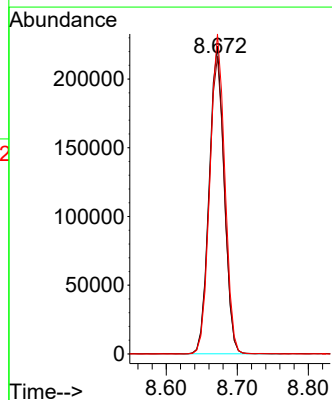
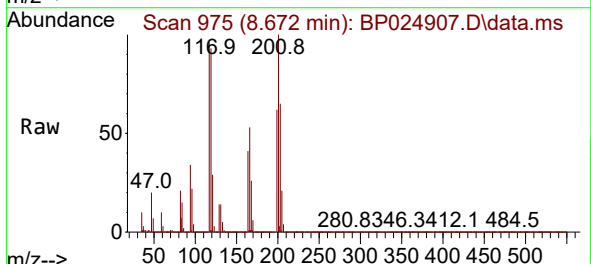
Instrument :
BNA_P
ClientSampleId :
PB168300BS

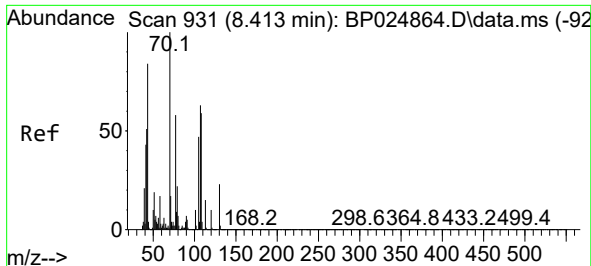
Tgt Ion:	107	Resp:	698663
Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.6	132.8
77	45.5	38.5	57.7
79	45.1	37.0	55.6



#18
Hexachloroethane
Concen: 40.421 ng
RT: 8.672 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:	117	Resp:	330696
Ion	Ratio	Lower	Upper
117	100		
119	96.5	79.4	119.2
201	103.9	81.4	122.2

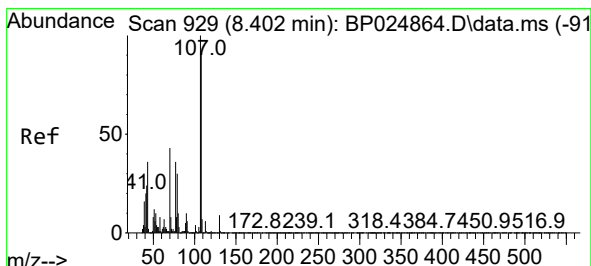
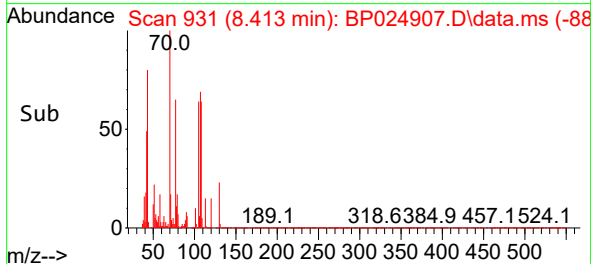
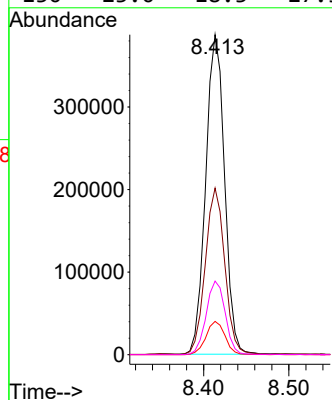
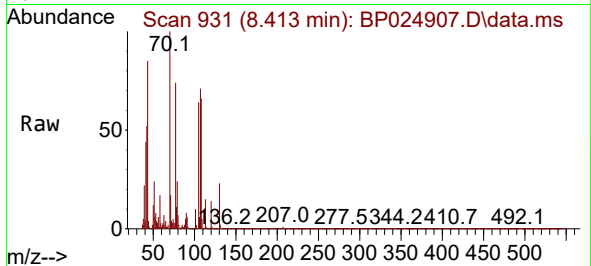




#19
n-Nitroso-di-n-propylamine
Concen: 38.983 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

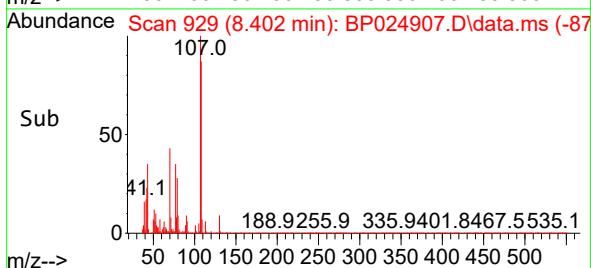
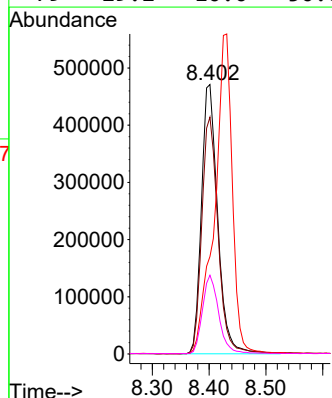
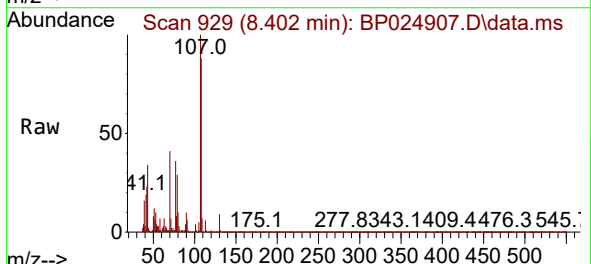
Instrument :
BNA_P
ClientSampleId :
PB168300BS

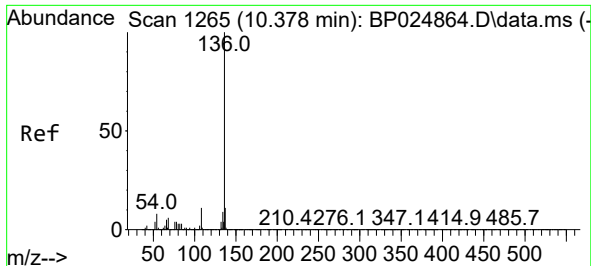
Tgt Ion:	70	Resp:	597122
Ion	Ratio	Lower	Upper
70	100		
42	52.1	41.2	61.8
101	10.4	8.3	12.5
130	23.0	18.3	27.5



#20
3+4-Methylphenols
Concen: 42.290 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:	107	Resp:	935876
Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.7	110.7
77	36.2	16.6	56.6
79	29.2	10.0	50.0

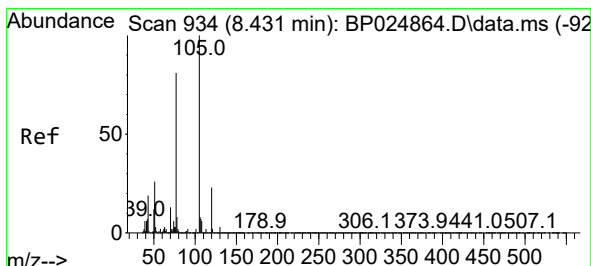
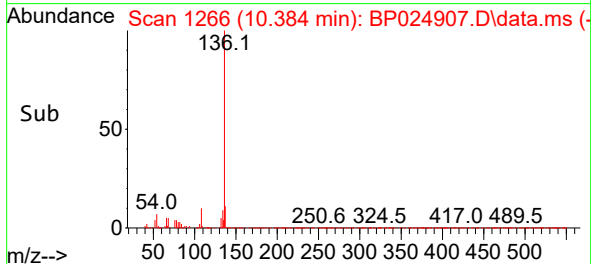
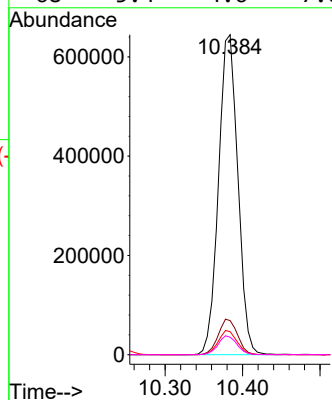
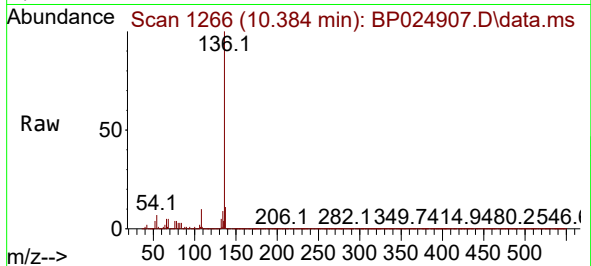




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.384 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

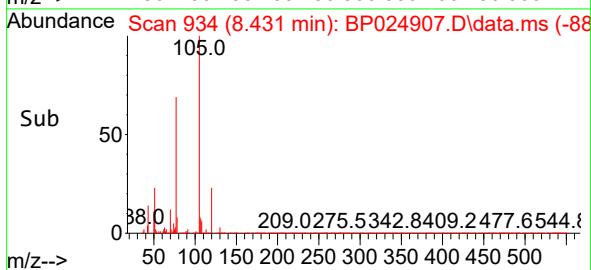
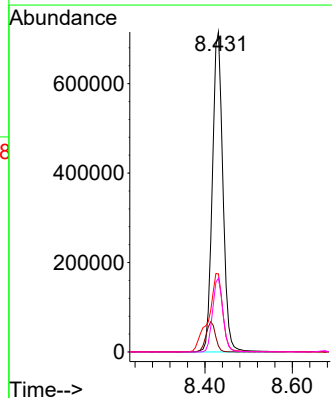
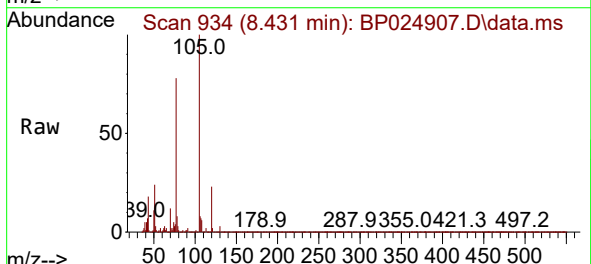
Instrument :
BNA_P
ClientSampleId :
PB168300BS

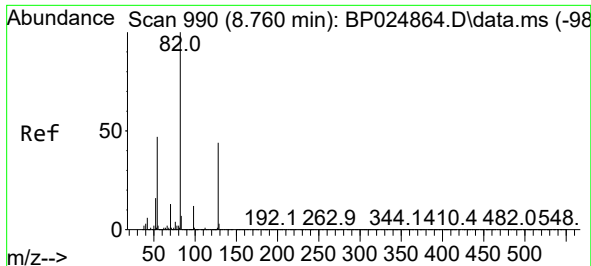
Tgt Ion:136 Resp: 1118806
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.2 6.1 9.1
68 5.4 4.6 7.0



#22
Acetophenone
Concen: 42.350 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:105 Resp: 1197113
Ion Ratio Lower Upper
105 100
71 1.9 1.6 2.4
51 24.4 20.6 31.0
120 23.0 18.2 27.4

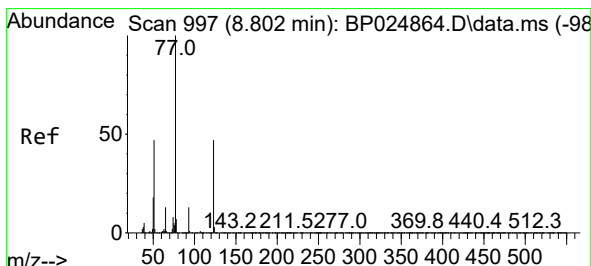
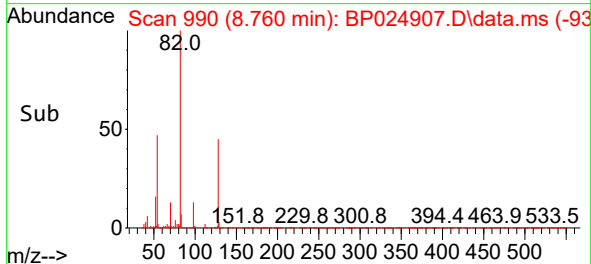
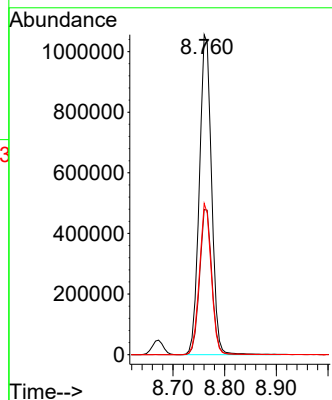
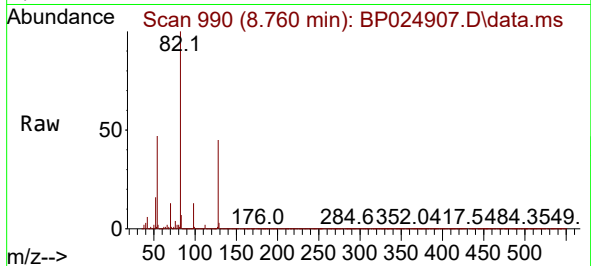




#23
Nitrobenzene-d5
Concen: 75.069 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

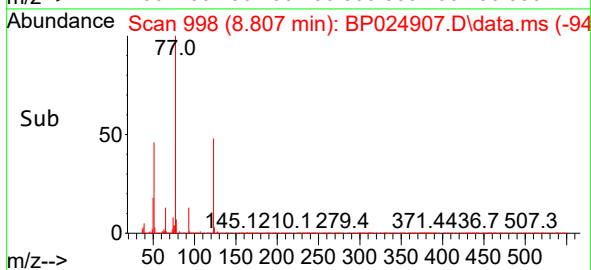
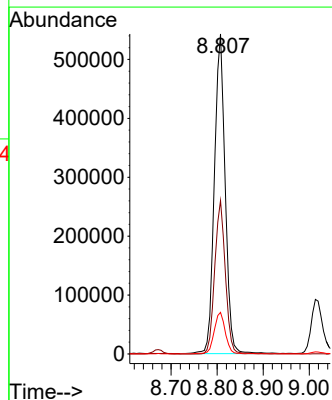
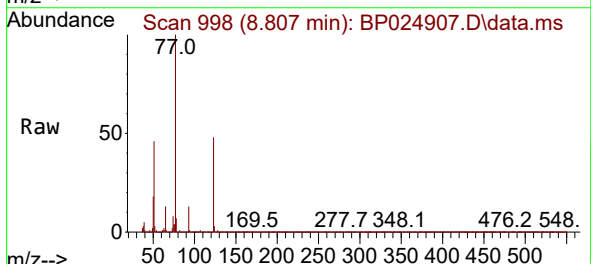
Instrument :
BNA_P
ClientSampleId :
PB168300BS

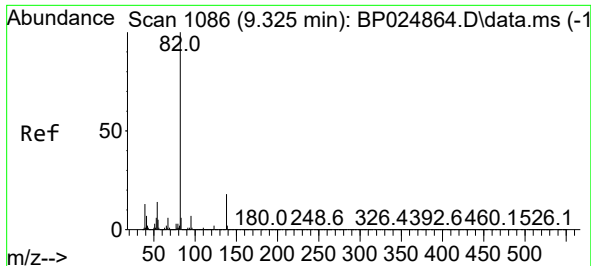
Tgt Ion: 82 Resp: 1728381
Ion Ratio Lower Upper
82 100
128 45.4 35.3 52.9
54 47.3 37.4 56.0



#24
Nitrobenzene
Concen: 43.180 ng
RT: 8.807 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion: 77 Resp: 883210
Ion Ratio Lower Upper
77 100
123 47.9 37.3 55.9
65 13.0 10.8 16.2

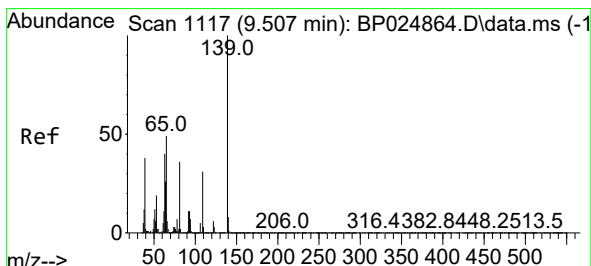
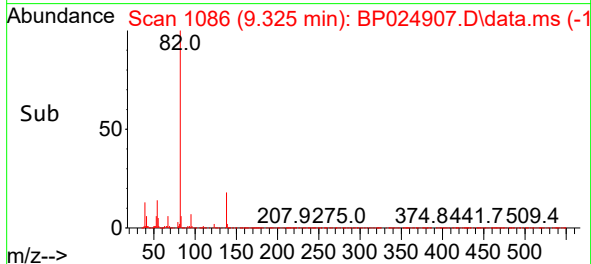
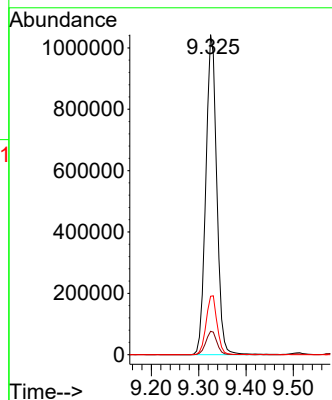
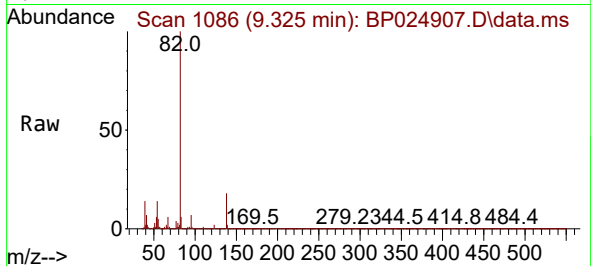




#25
Isophorone
Concen: 41.792 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

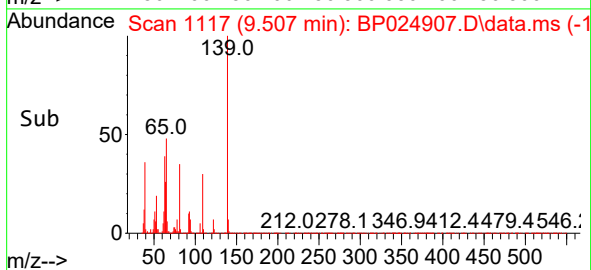
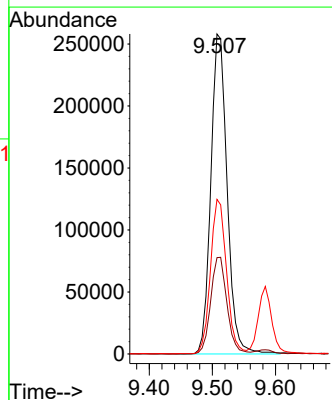
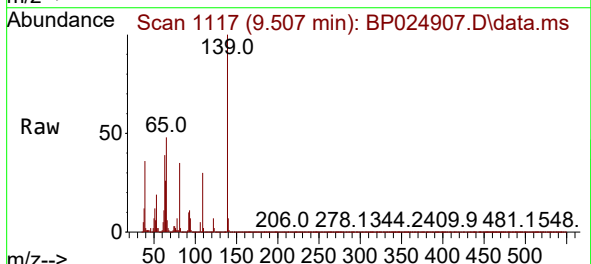
Instrument :
BNA_P
ClientSampleId :
PB168300BS

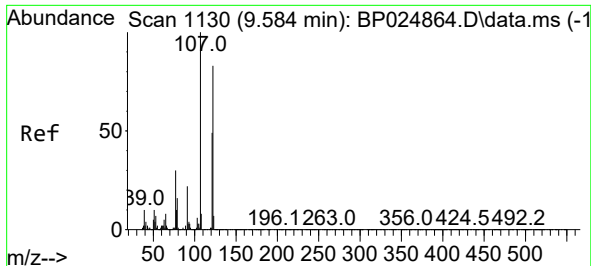
Tgt Ion: 82 Resp: 1667646
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.3 14.6 21.8



#26
2-Nitrophenol
Concen: 45.798 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:139 Resp: 462205
Ion Ratio Lower Upper
139 100
109 30.1 24.6 37.0
65 48.3 39.5 59.3

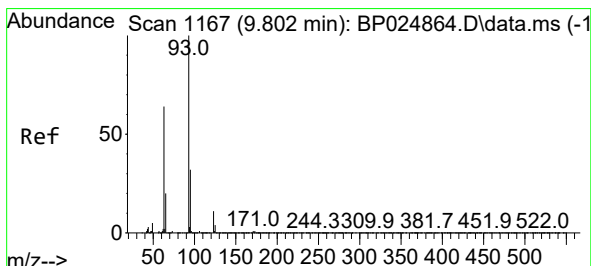
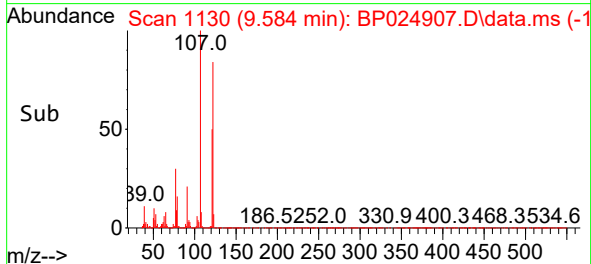
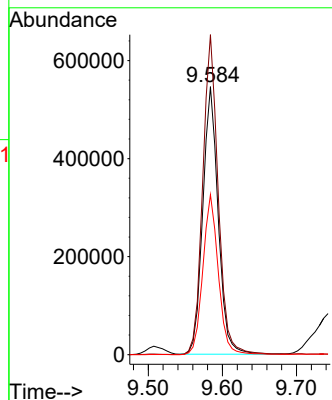
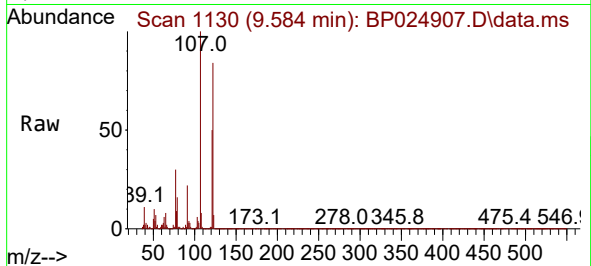




#27
2,4-Dimethylphenol
Concen: 45.671 ng
RT: 9.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

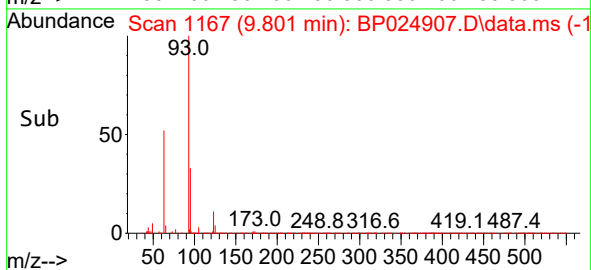
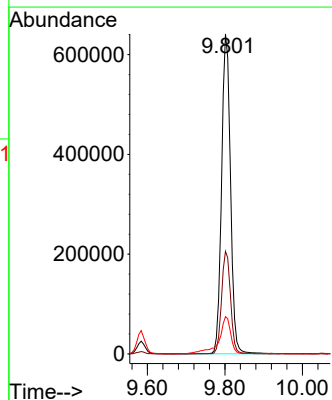
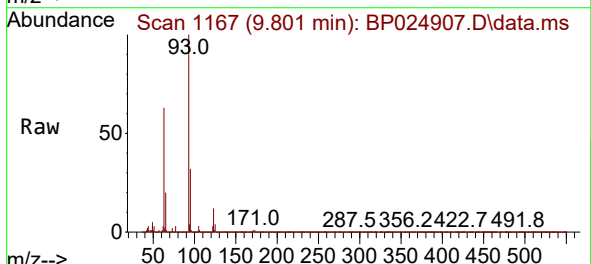
Instrument :
BNA_P
ClientSampleId :
PB168300BS

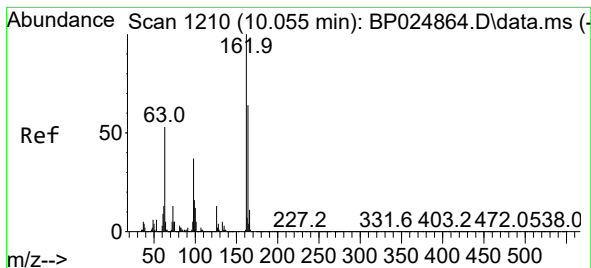
Tgt Ion:122 Resp: 788841
Ion Ratio Lower Upper
122 100
107 119.4 96.2 144.4
121 59.7 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.049 ng
RT: 9.801 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion: 93 Resp: 1024680
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 11.6 9.2 13.8

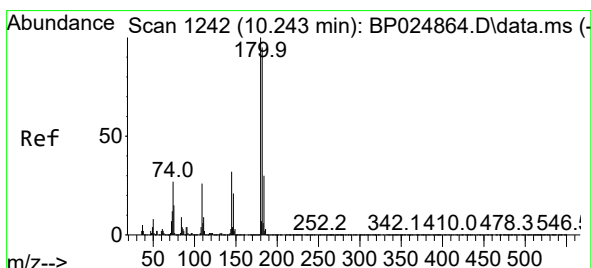
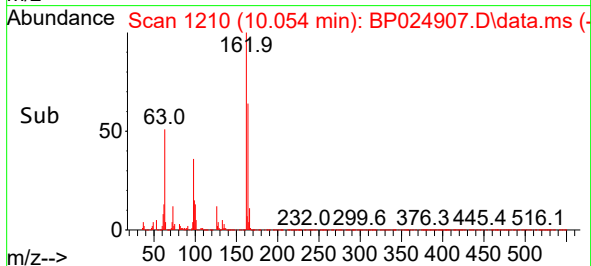
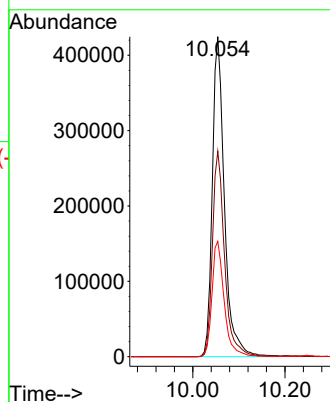
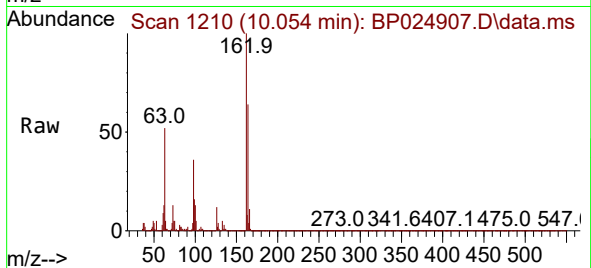




#29
2,4-Dichlorophenol
Concen: 46.786 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

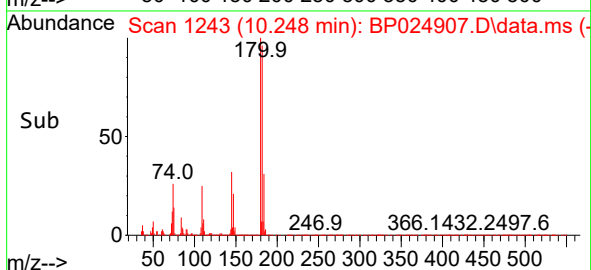
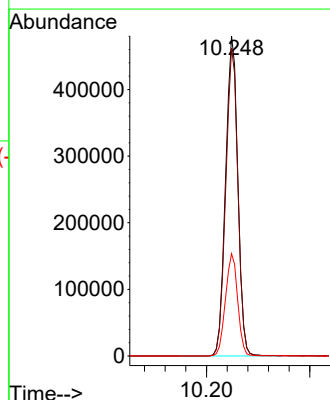
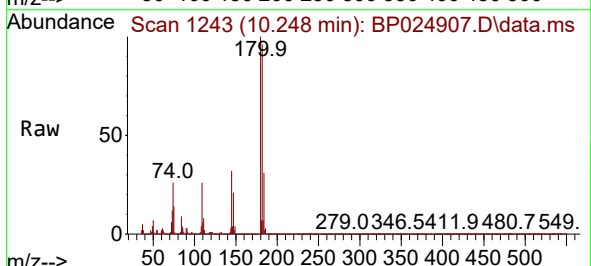
Instrument :
BNA_P
ClientSampleId :
PB168300BS

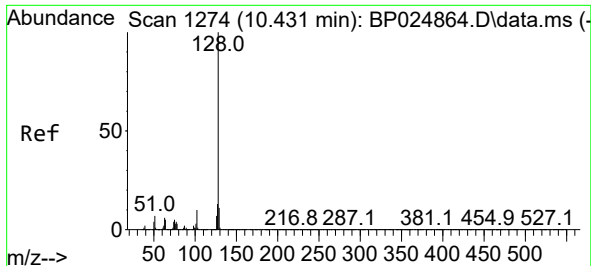
Tgt Ion:162 Resp: 775366
Ion Ratio Lower Upper
162 100
164 64.2 44.0 84.0
98 36.1 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 42.101 ng
RT: 10.248 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:180 Resp: 786972
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
145 31.9 25.7 38.5

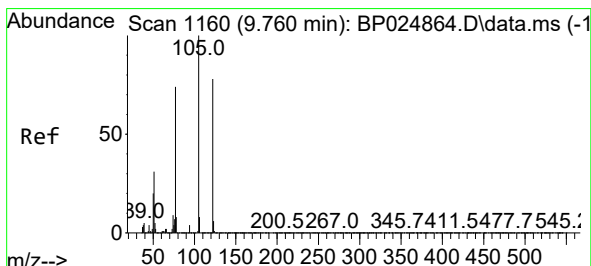
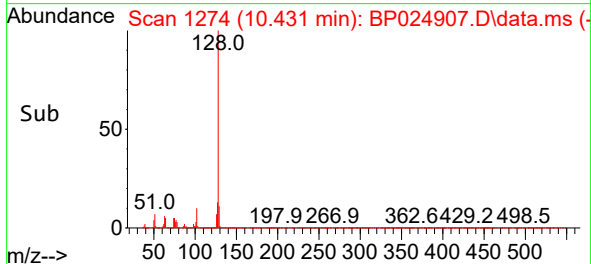
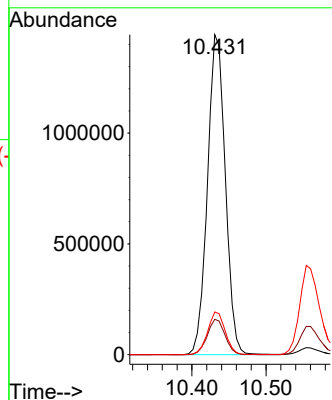
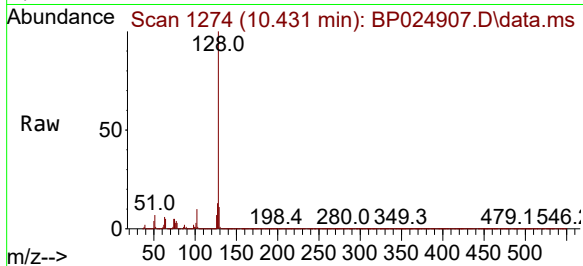




#31
Naphthalene
Concen: 42.164 ng
RT: 10.431 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

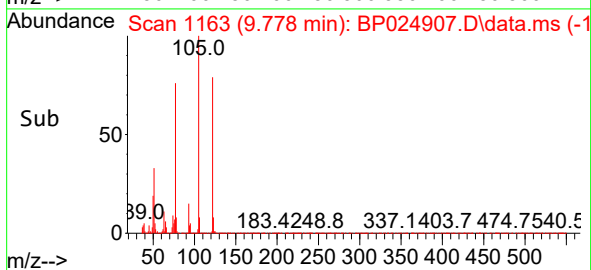
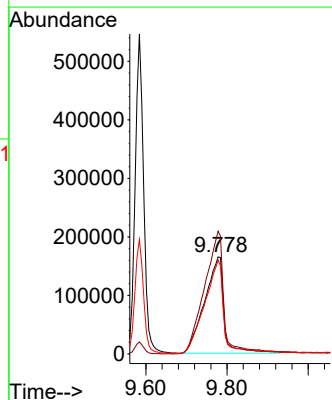
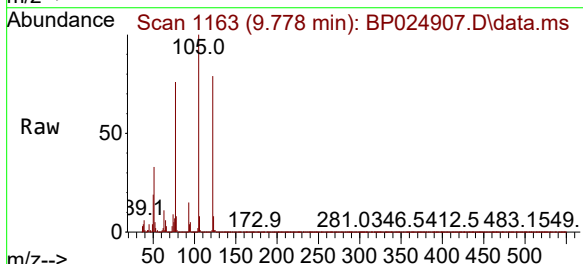
Instrument :
BNA_P
ClientSampleId :
PB168300BS

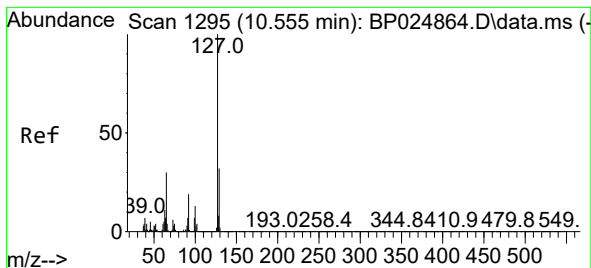
Tgt Ion:128 Resp: 2417478
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 46.869 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:122 Resp: 547046
Ion Ratio Lower Upper
122 100
105 126.5 107.1 147.1
77 96.5 75.1 115.1

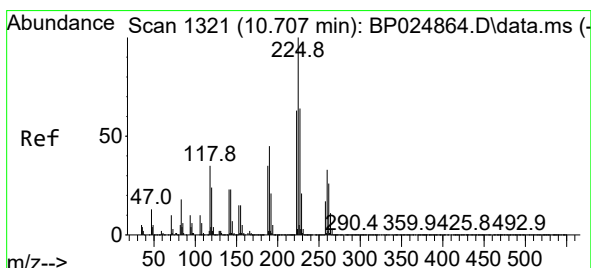
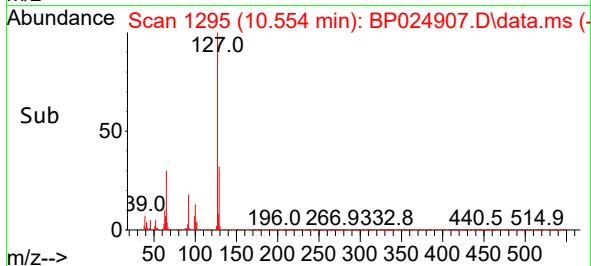
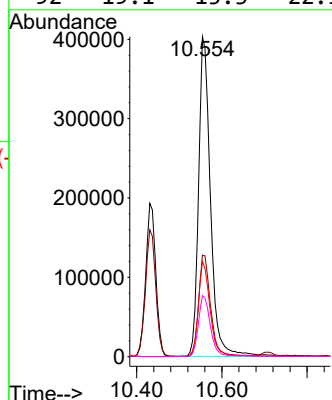
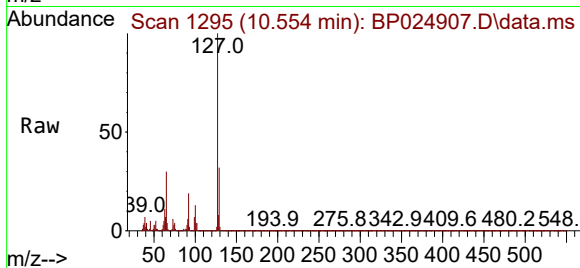




#33
4-Chloroaniline
Concen: 32.561 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

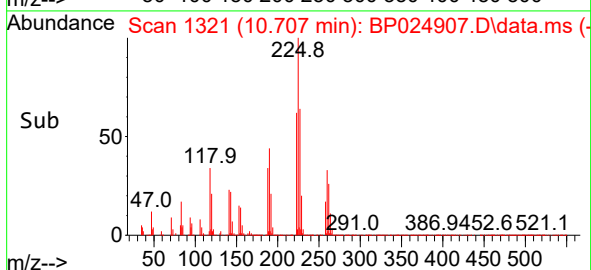
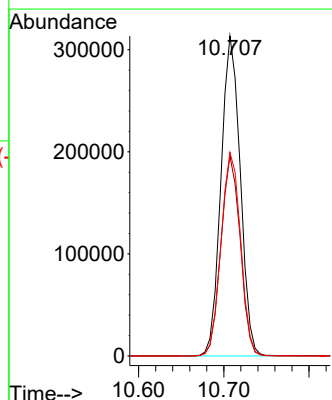
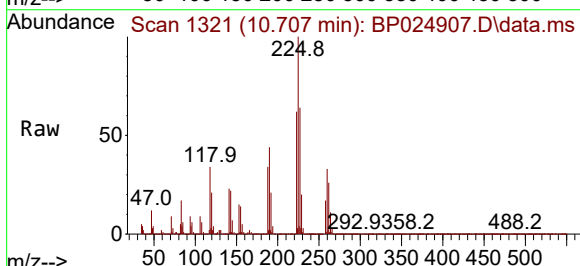
Instrument :
BNA_P
ClientSampleId :
PB168300BS

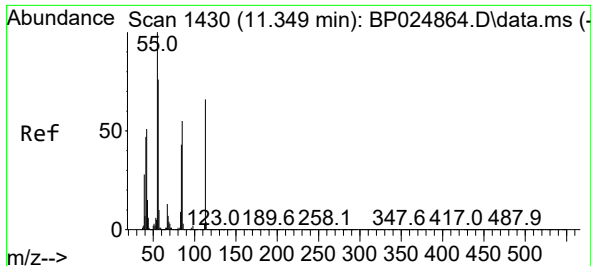
Tgt Ion:	127	Resp:	782136
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	29.7	23.9	35.9
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.777 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:	225	Resp:	493200
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.5	75.7
227	63.6	51.4	77.2

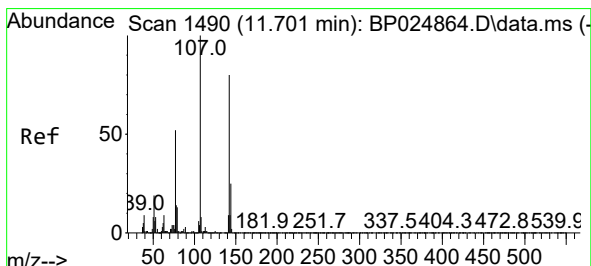
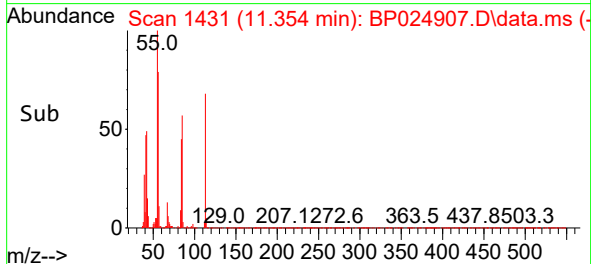
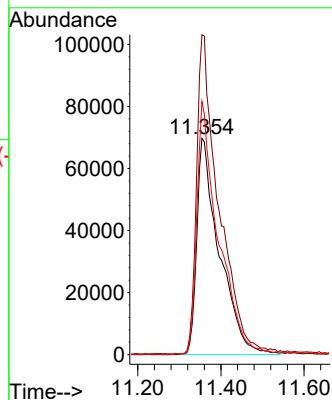
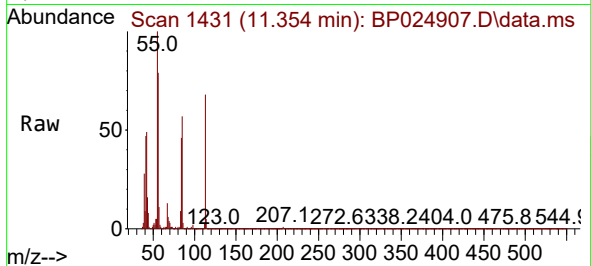




#35
Caprolactam
Concen: 42.887 ng
RT: 11.354 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

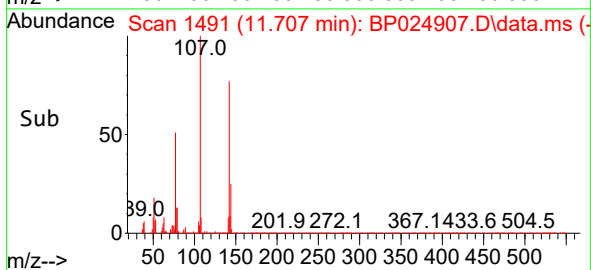
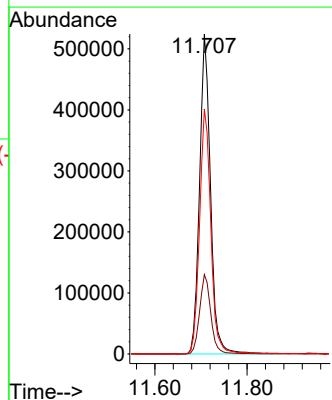
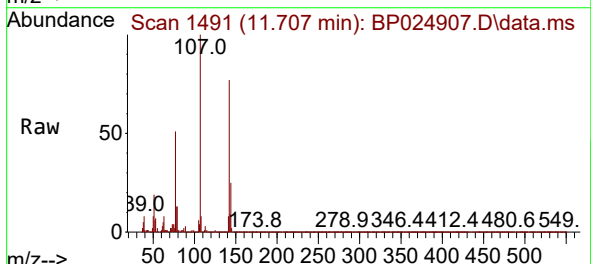
Instrument :
BNA_P
ClientSampleId :
PB168300BS

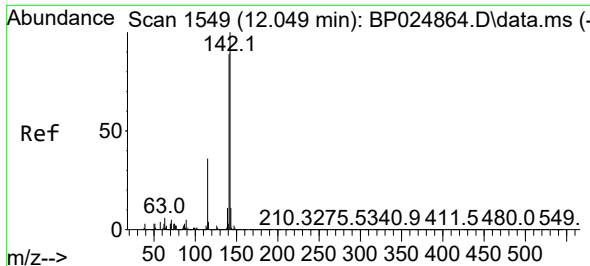
Tgt Ion:113 Resp: 261628
Ion Ratio Lower Upper
113 100
55 147.9 132.5 172.5
56 117.0 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 45.292 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:107 Resp: 865787
Ion Ratio Lower Upper
107 100
144 24.8 20.4 30.6
142 76.5 63.8 95.6

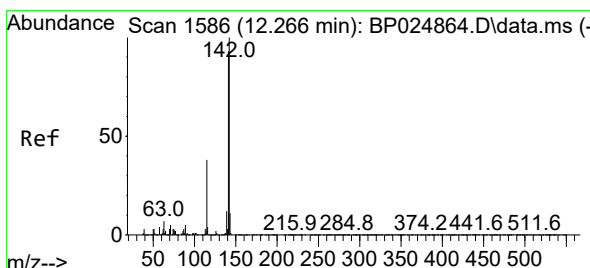
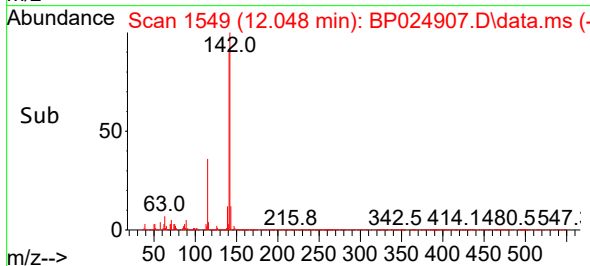
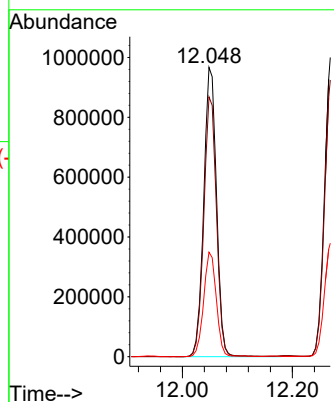
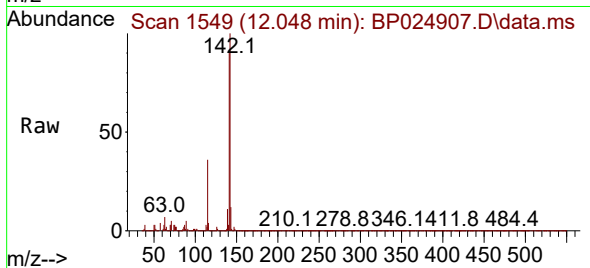




#37
2-Methylnaphthalene
Concen: 42.755 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

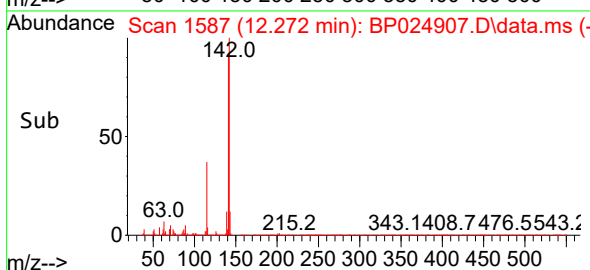
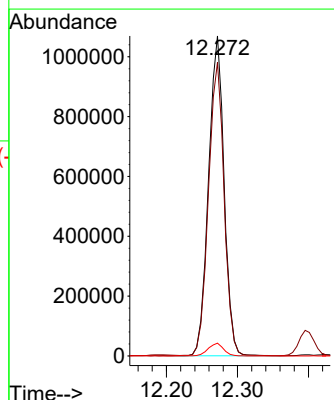
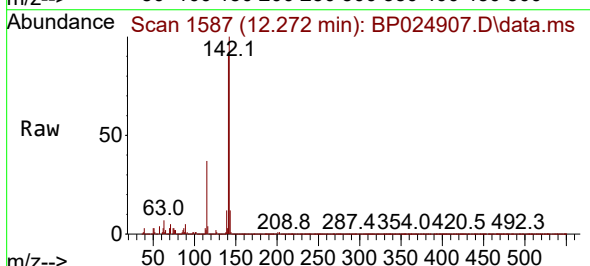
Instrument :
BNA_P
ClientSampleId :
PB168300BS

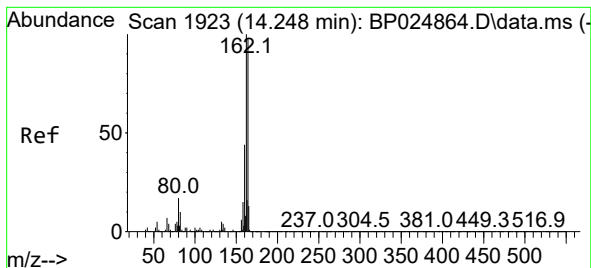
Tgt Ion:142 Resp: 1554959
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 36.1 28.5 42.7



#38
1-Methylnaphthalene
Concen: 41.814 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:142 Resp: 1625831
Ion Ratio Lower Upper
142 100
141 91.7 74.7 112.1
116 4.0 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.254 min Scan# 1924

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

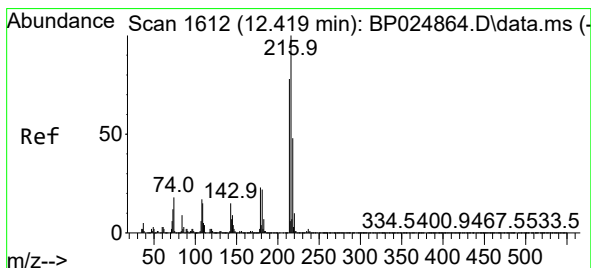
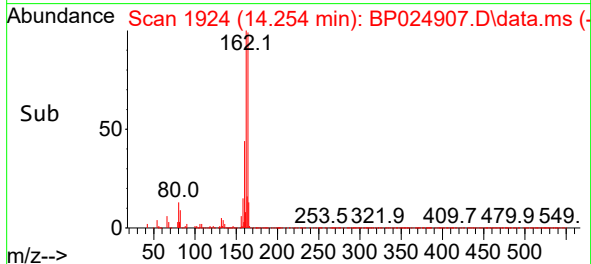
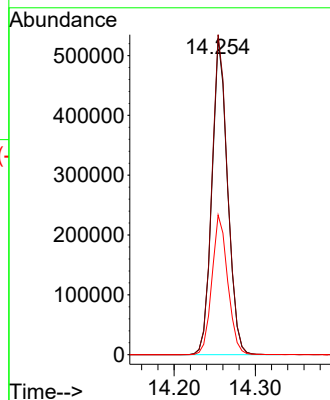
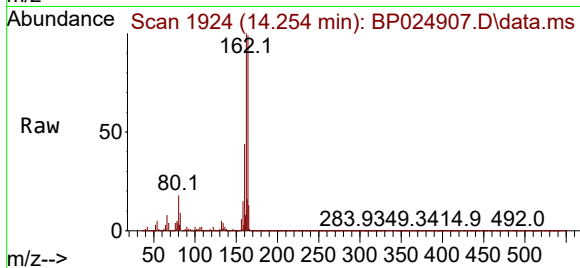
Tgt Ion:164 Resp: 705062

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

160 44.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.307 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Tgt Ion:216 Resp: 886419

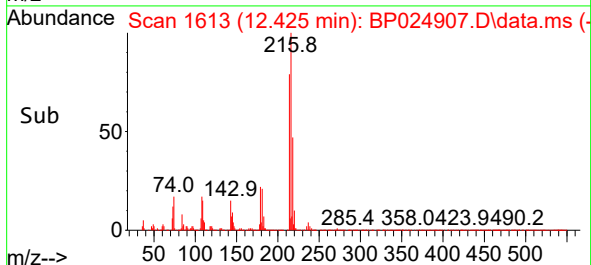
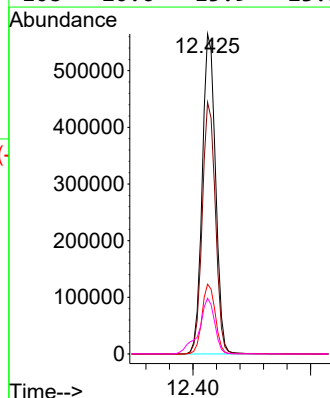
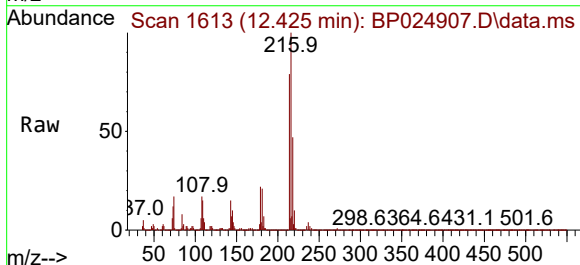
Ion Ratio Lower Upper

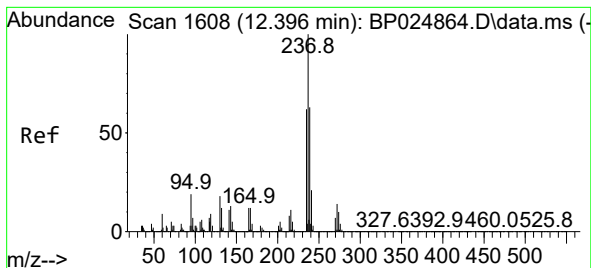
216 100

214 78.2 63.0 94.4

179 21.8 17.8 26.6

108 20.6 15.9 23.9

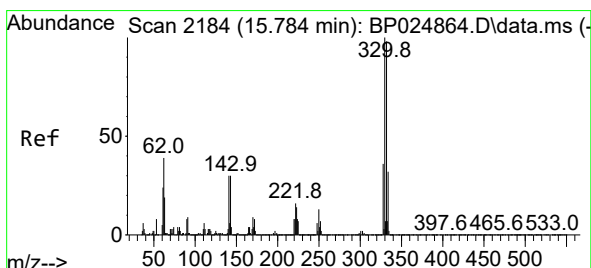
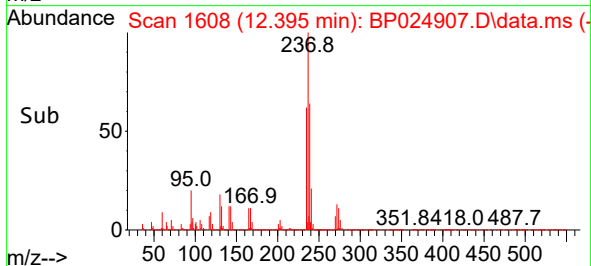
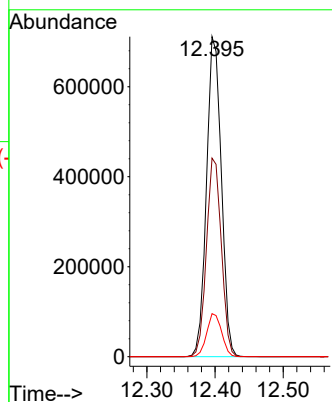
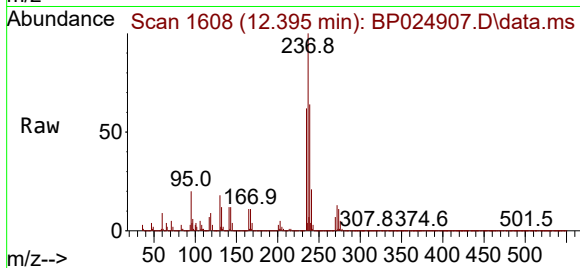




#41
Hexachlorocyclopentadiene
Concen: 88.047 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

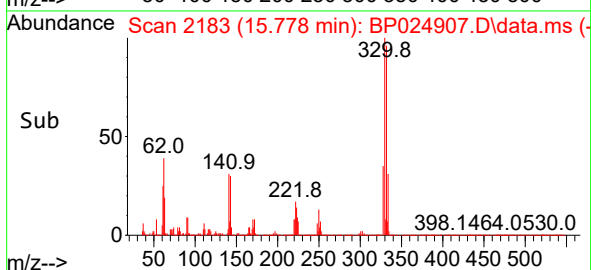
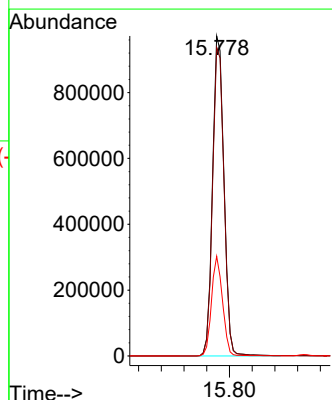
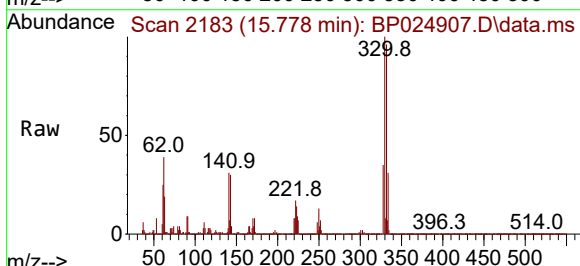
Instrument :
BNA_P
ClientSampleId :
PB168300BS

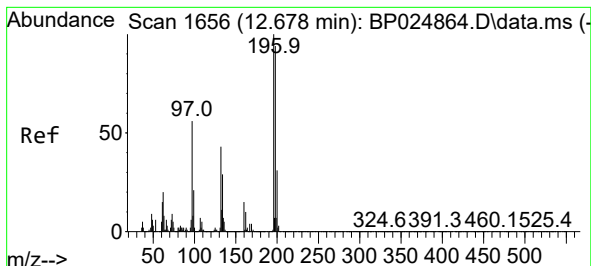
Tgt Ion:237 Resp: 1074406
Ion Ratio Lower Upper
237 100
235 62.1 41.9 81.9
272 13.5 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 138.062 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:330 Resp: 1345812
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 30.3 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 46.607 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

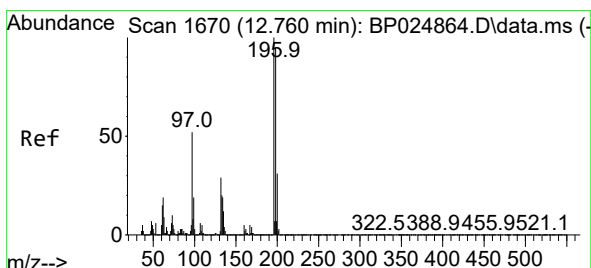
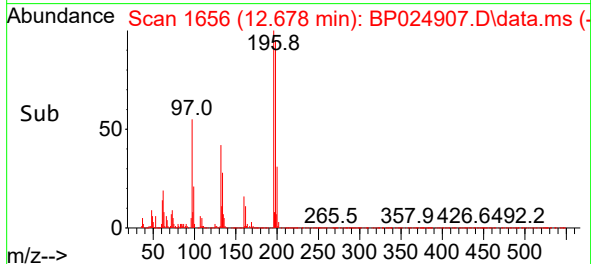
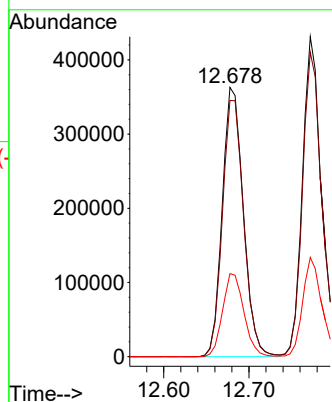
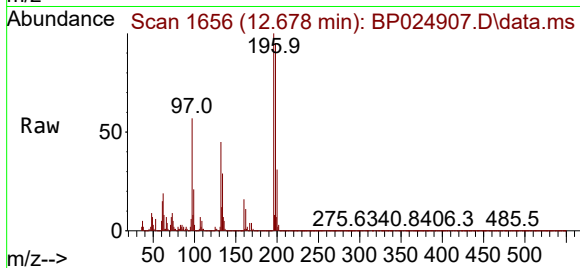
Tgt Ion:196 Resp: 626192

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.0

200 30.9 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 47.686 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Tgt Ion:196 Resp: 686152

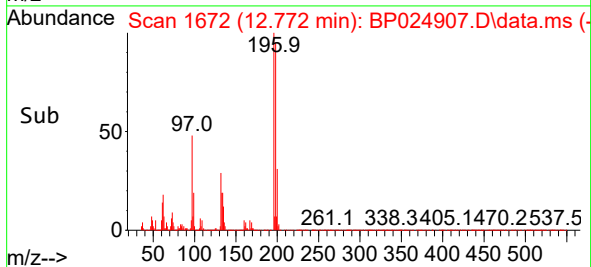
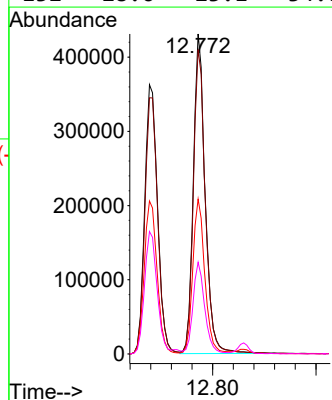
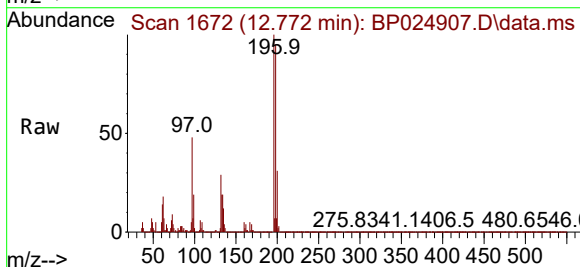
Ion Ratio Lower Upper

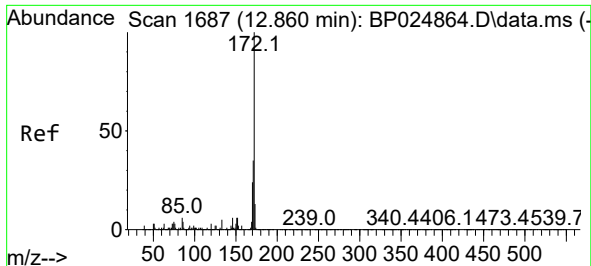
196 100

198 95.1 76.0 114.0

97 48.4 41.5 62.3

132 28.6 23.1 34.7

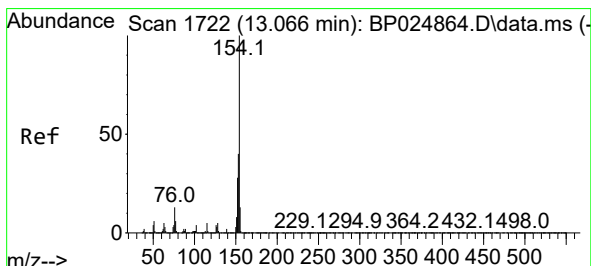
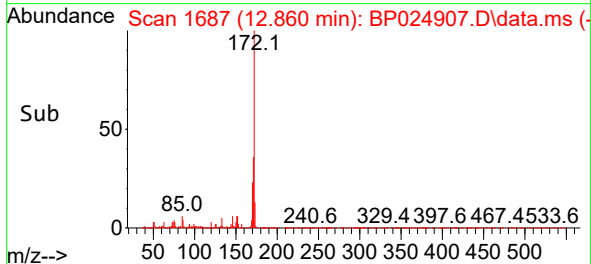
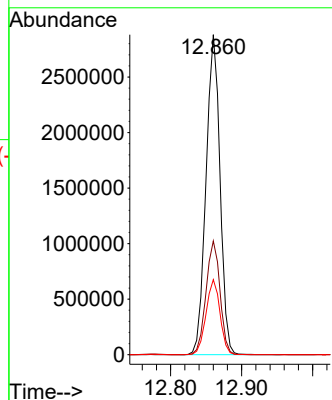
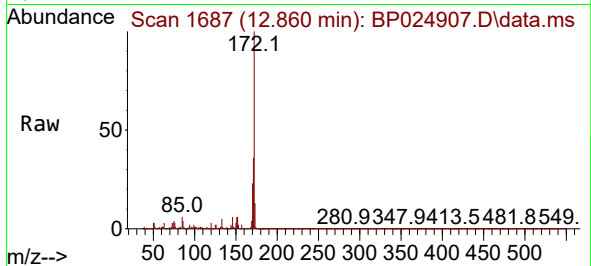




#45
2-Fluorobiphenyl
Concen: 75.546 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

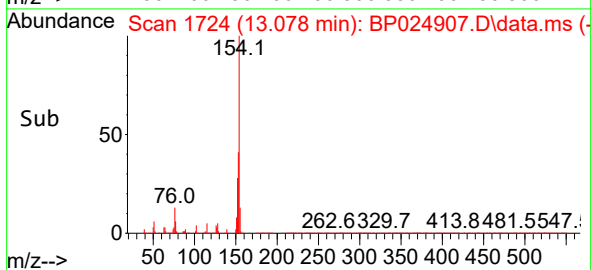
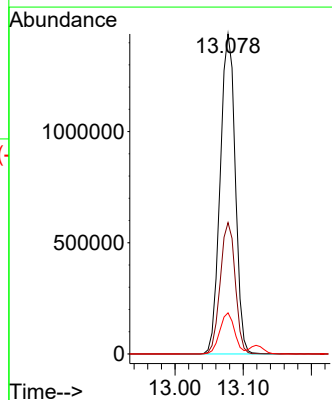
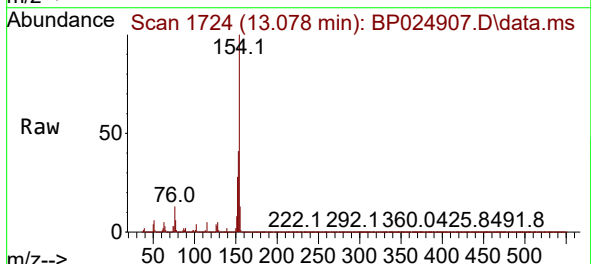
Instrument :
BNA_P
ClientSampleId :
PB168300BS

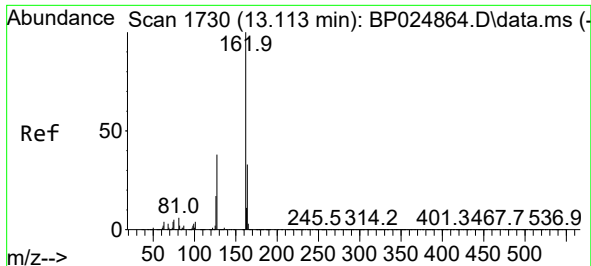
Tgt Ion:172 Resp: 3953950
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.250 ng
RT: 13.078 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:154 Resp: 2216063
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 12.9 0.0 33.0





#47

2-Chloronaphthalene

Concen: 43.288 ng

RT: 13.119 min Scan# 1730

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

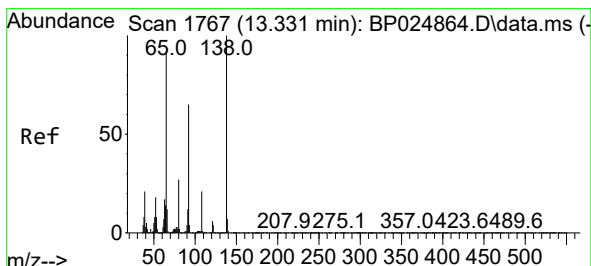
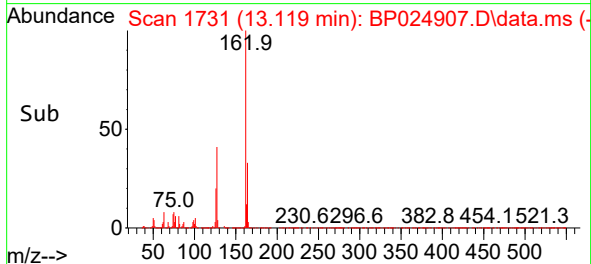
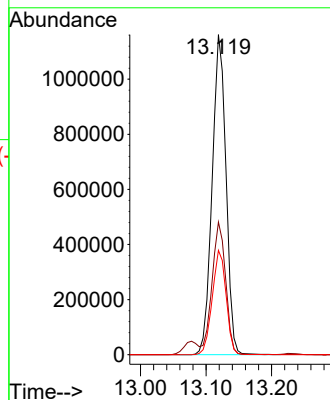
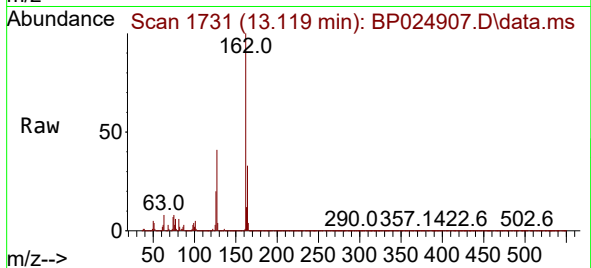
Tgt Ion:162 Resp: 1704725

Ion Ratio Lower Upper

162 100

127 41.4 32.5 48.7

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 44.431 ng

RT: 13.337 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

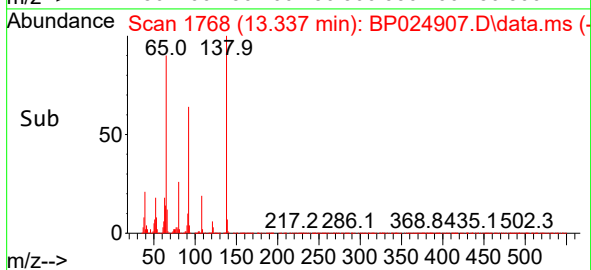
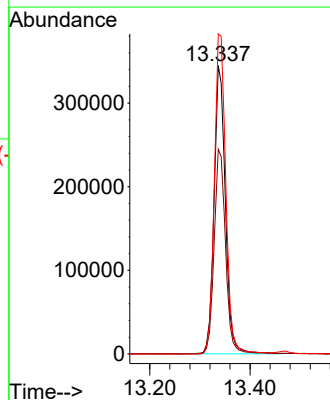
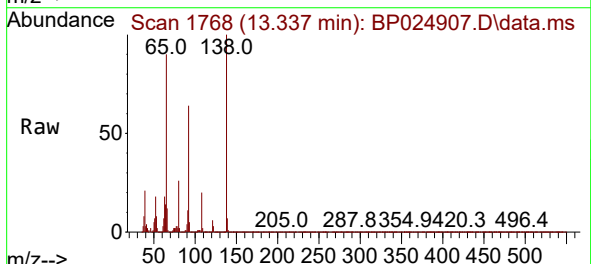
Tgt Ion: 65 Resp: 537932

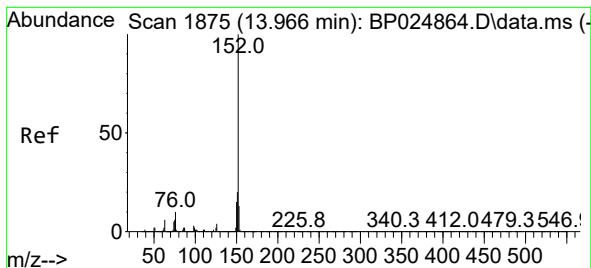
Ion Ratio Lower Upper

65 100

92 71.0 56.8 85.2

138 111.0 86.9 130.3





#49

Acenaphthylene

Concen: 42.758 ng

RT: 13.978 min Scan# 1877

Delta R.T. 0.012 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

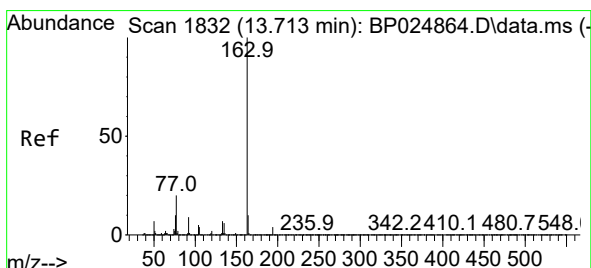
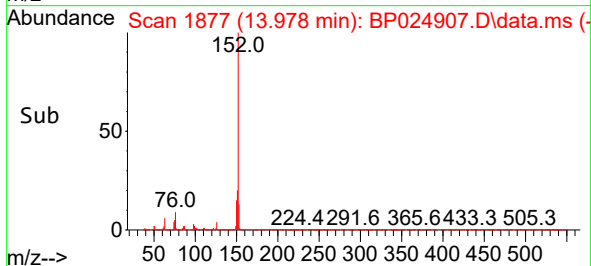
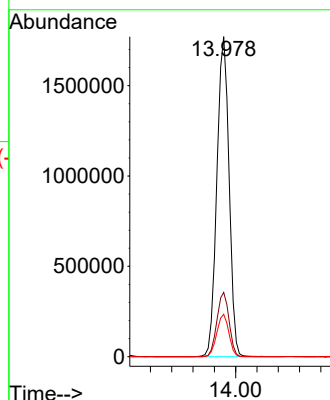
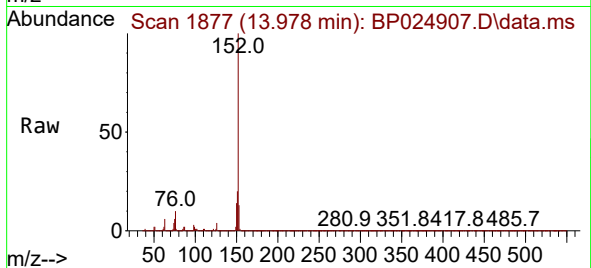
Tgt Ion:152 Resp: 2807623

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 42.903 ng

RT: 13.719 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

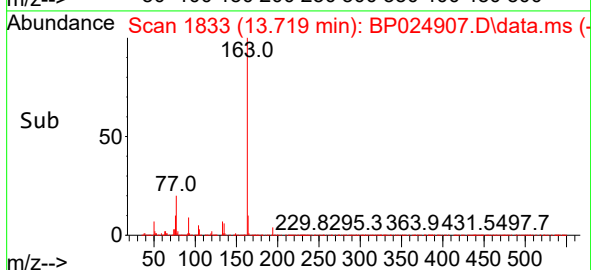
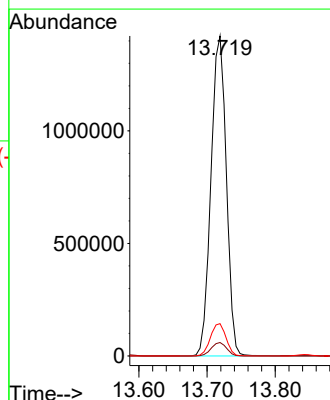
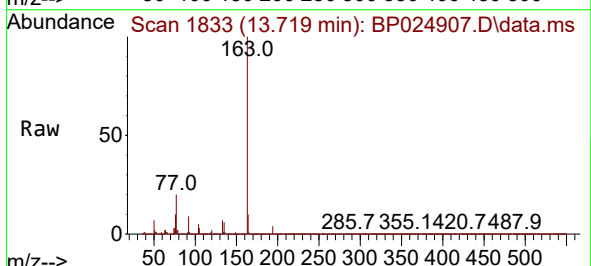
Tgt Ion:163 Resp: 2231425

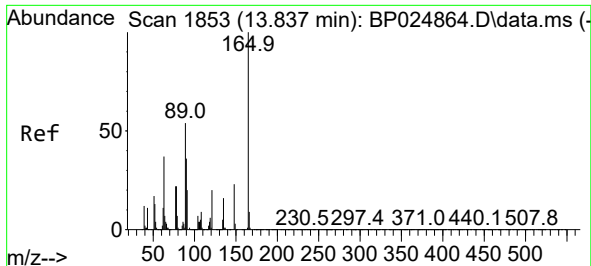
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.0 12.0

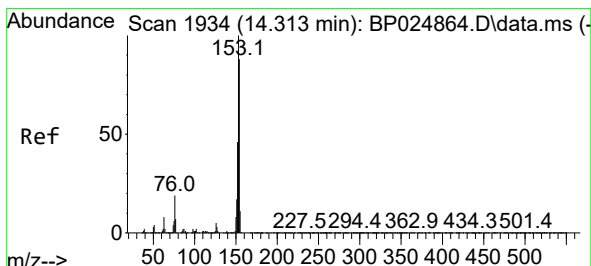
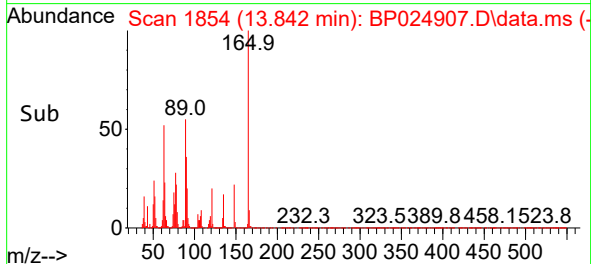
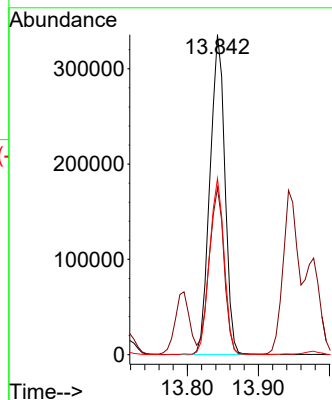
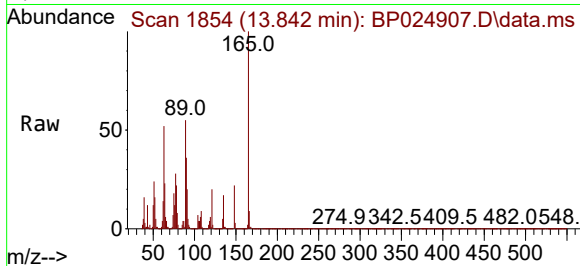




#51
2,6-Dinitrotoluene
Concen: 43.792 ng
RT: 13.842 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

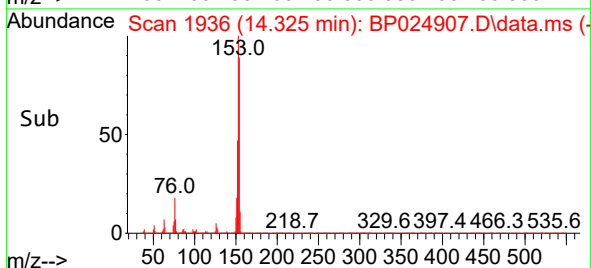
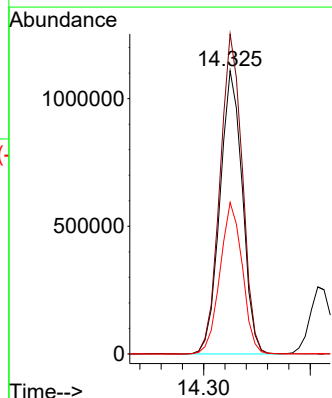
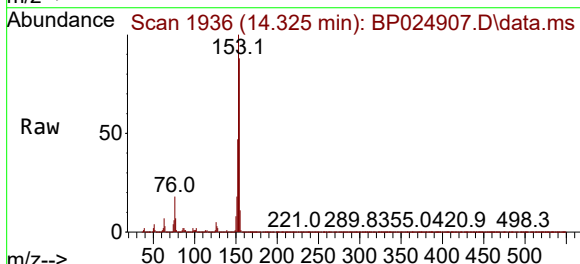
Instrument :
BNA_P
ClientSampleId :
PB168300BS

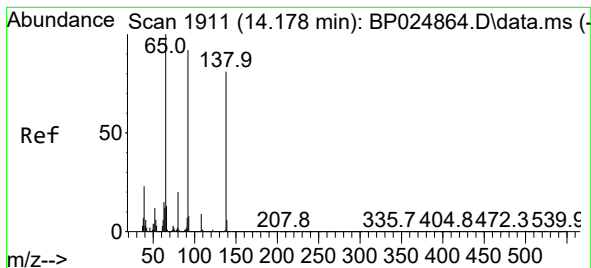
Tgt Ion:165 Resp: 491014
Ion Ratio Lower Upper
165 100
63 52.2 41.8 62.8
89 55.0 43.1 64.7



#52
Acenaphthene
Concen: 43.039 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.012 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:154 Resp: 1619409
Ion Ratio Lower Upper
154 100
153 113.0 90.5 135.7
152 53.5 42.1 63.1

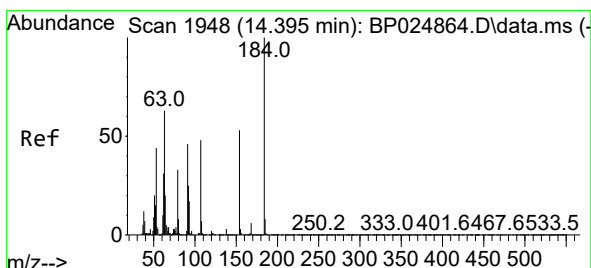
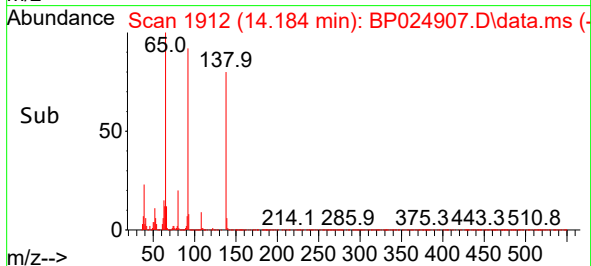
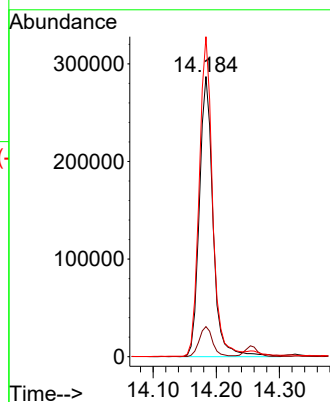
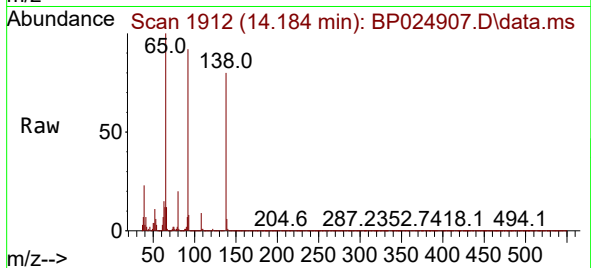




#53
3-Nitroaniline
Concen: 37.198 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

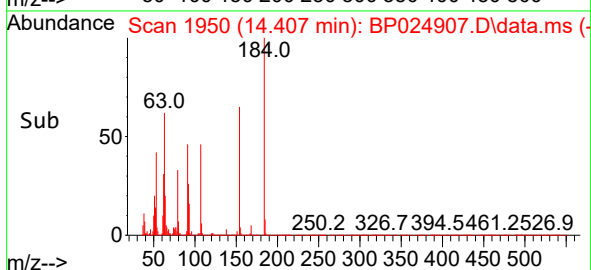
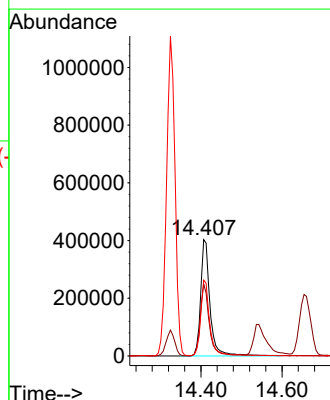
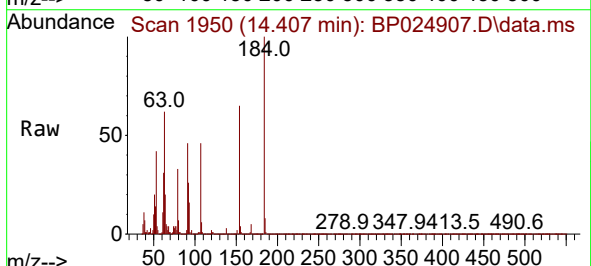
Instrument :
BNA_P
ClientSampleId :
PB168300BS

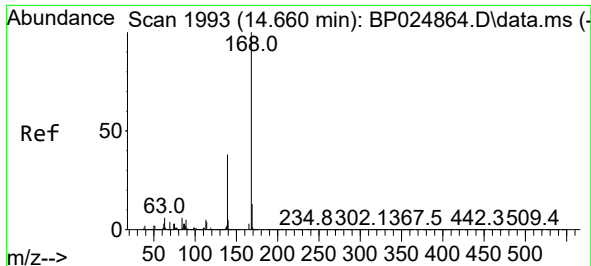
Tgt Ion:138 Resp: 432828
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 114.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 88.505 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:184 Resp: 650826
Ion Ratio Lower Upper
184 100
63 61.8 51.0 76.4
154 65.2 51.7 77.5

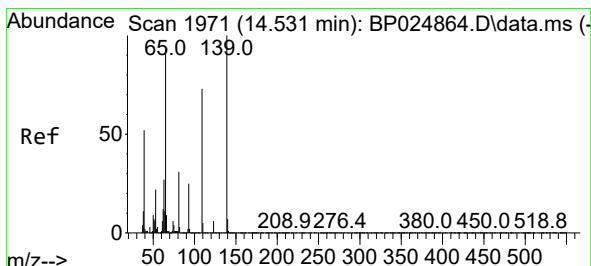
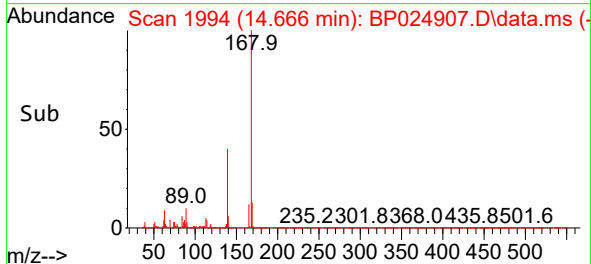
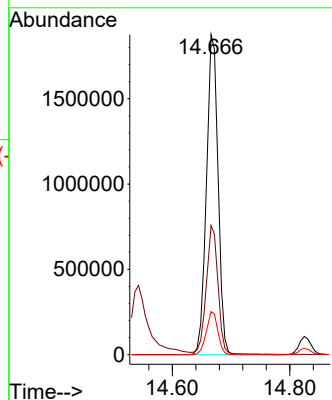
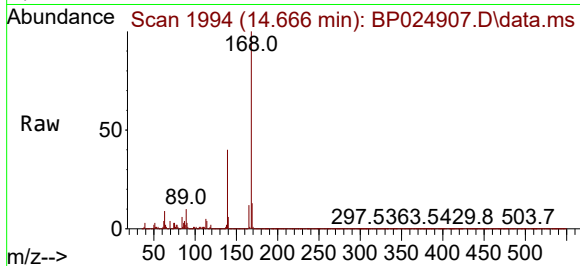




#55
 Dibenzenofuran
 Concen: 42.468 ng
 RT: 14.666 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: BP024907.D
 Acq: 11 Jun 2025 11:31

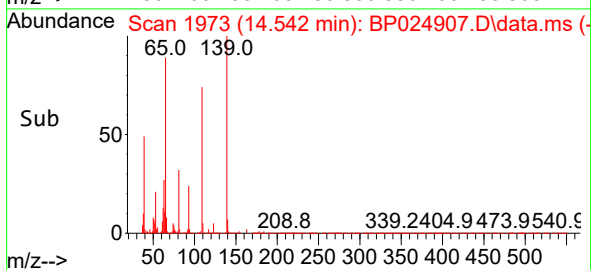
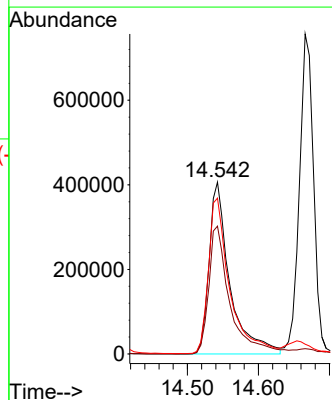
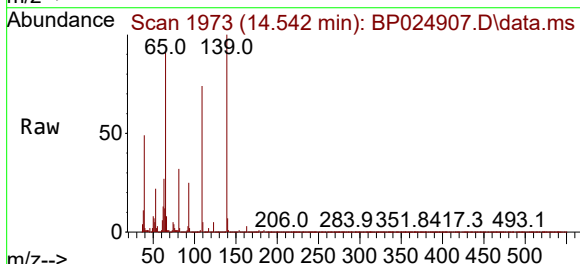
Instrument :
 BNA_P
 ClientSampleId :
 PB168300BS

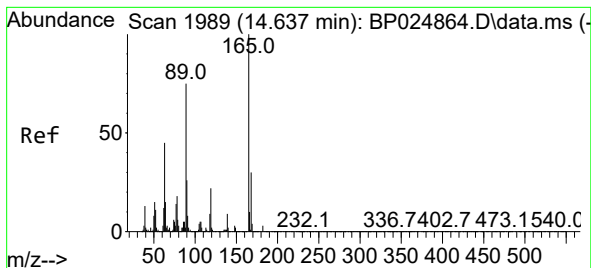
Tgt Ion:168 Resp: 2564969
 Ion Ratio Lower Upper
 168 100
 139 40.4 31.6 47.4
 169 13.4 10.6 15.8



#56
 4-Nitrophenol
 Concen: 83.238 ng
 RT: 14.542 min Scan# 1973
 Delta R.T. 0.011 min
 Lab File: BP024907.D
 Acq: 11 Jun 2025 11:31

Tgt Ion:139 Resp: 822273
 Ion Ratio Lower Upper
 139 100
 109 74.4 53.1 93.1
 65 90.6 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 45.106 ng

RT: 14.654 min Scan# 1989

Delta R.T. 0.017 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

Tgt Ion:165 Resp: 707461

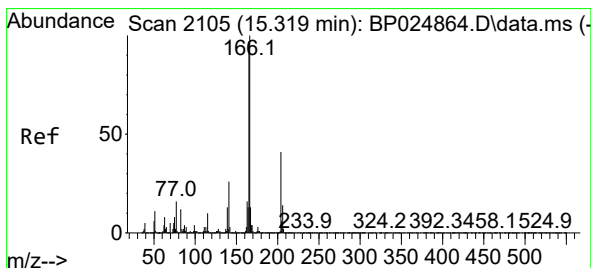
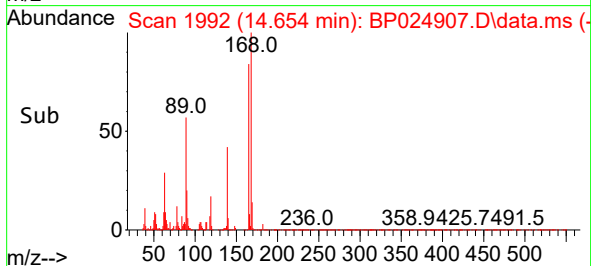
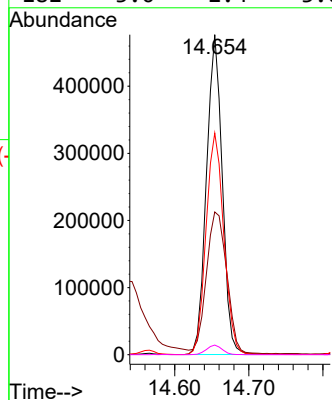
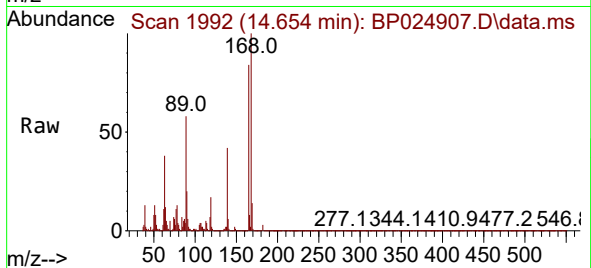
Ion Ratio Lower Upper

165 100

63 44.6 37.0 55.6

89 69.3 60.1 90.1

182 3.0 2.4 3.6



#58

Fluorene

Concen: 42.756 ng

RT: 15.325 min Scan# 2106

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

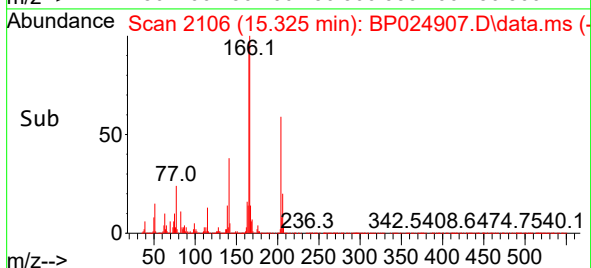
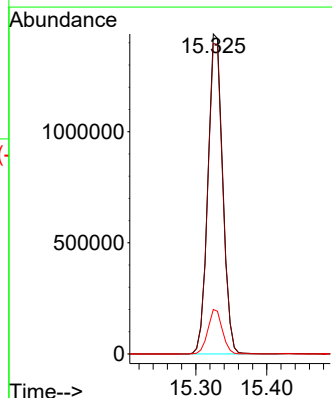
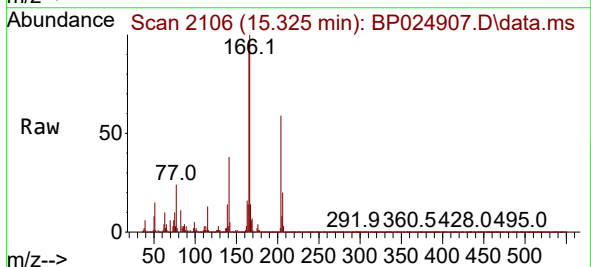
Tgt Ion:166 Resp: 2086108

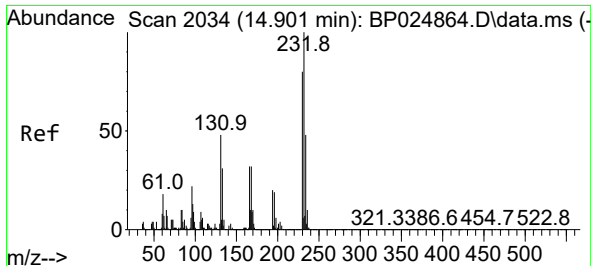
Ion Ratio Lower Upper

166 100

165 97.1 77.7 116.5

167 13.9 10.6 16.0

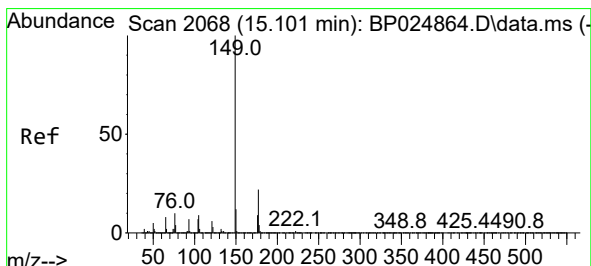
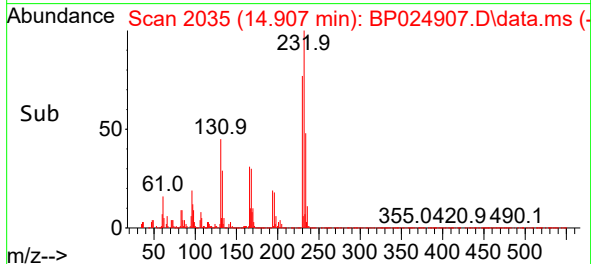
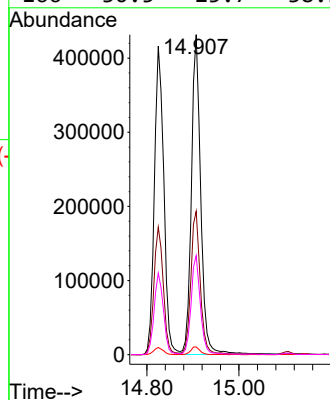
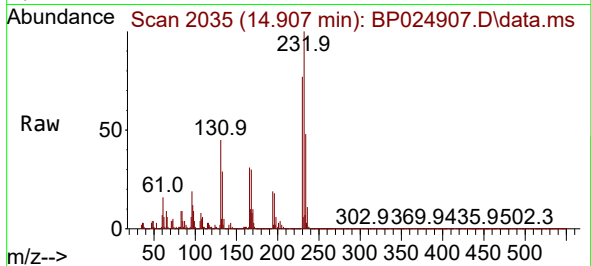




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.053 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

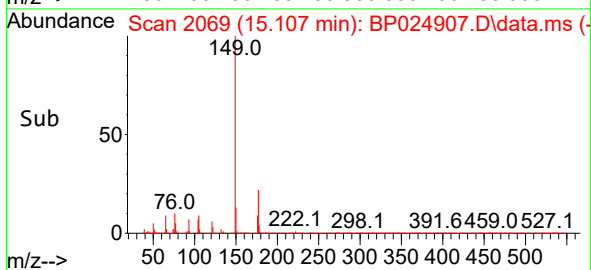
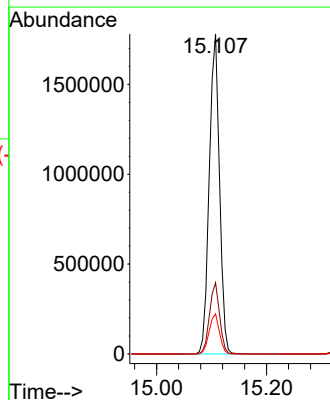
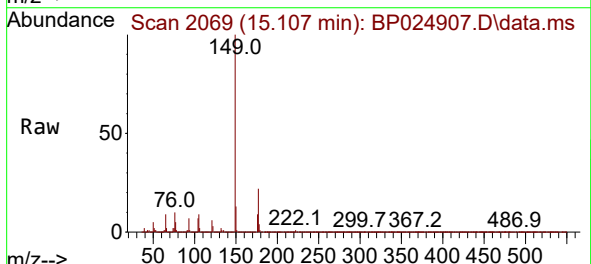
Instrument :
BNA_P
ClientSampleId :
PB168300BS

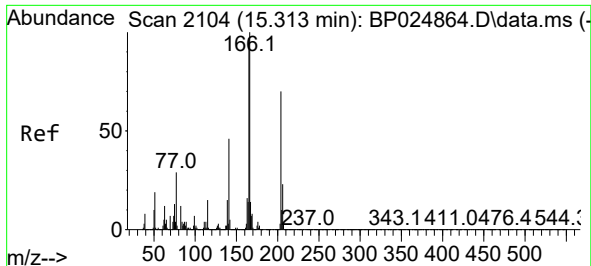
Tgt Ion:232 Resp: 604922
Ion Ratio Lower Upper
232 100
131 44.8 38.2 57.2
130 2.5 2.1 3.1
166 30.5 25.7 38.5



#60
Diethylphthalate
Concen: 44.287 ng
RT: 15.107 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:149 Resp: 2295631
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.5 9.8 14.6

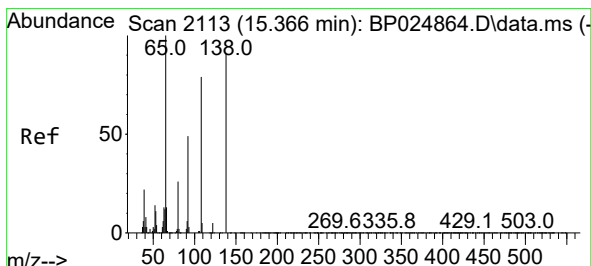
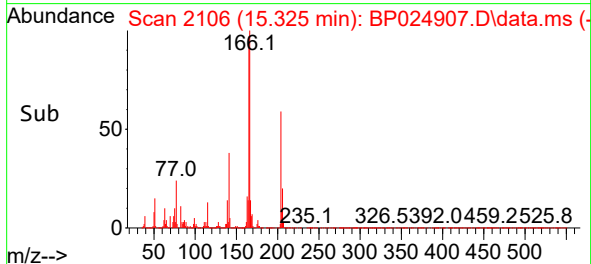
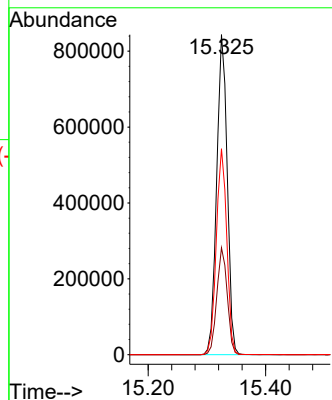
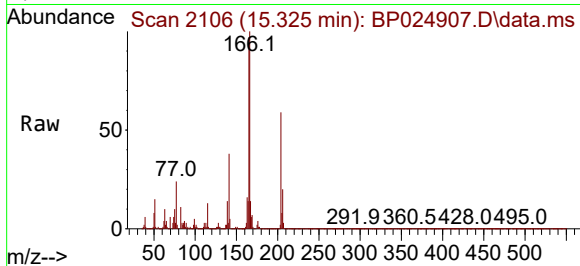




#61
4-Chlorophenyl-phenylether
Concen: 44.061 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.012 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

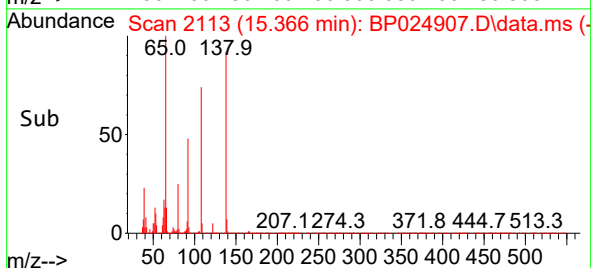
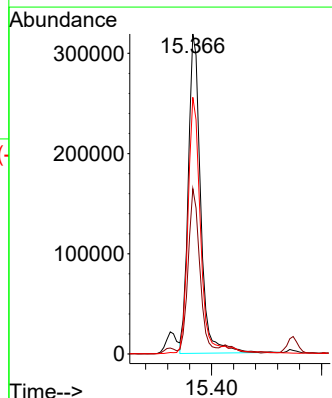
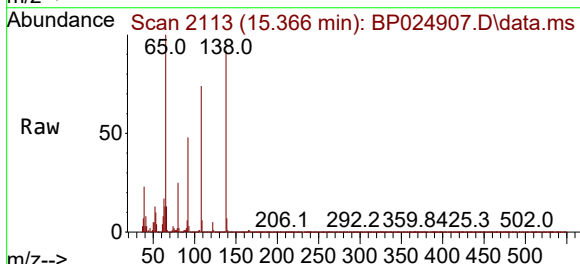
Instrument :
BNA_P
ClientSampleId :
PB168300BS

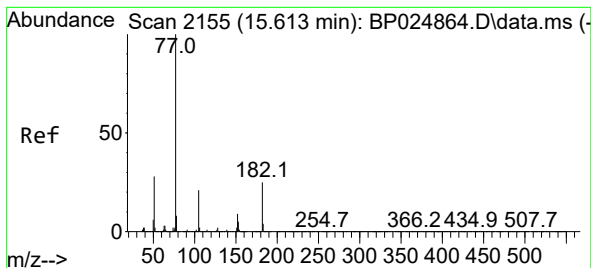
Tgt Ion:204 Resp: 1051126
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 64.4 52.4 78.6



#62
4-Nitroaniline
Concen: 46.930 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:138 Resp: 495136
Ion Ratio Lower Upper
138 100
92 51.7 33.5 73.5
108 80.2 65.1 105.1





#63

Azobenzene

Concen: 42.953 ng

RT: 15.625 min Scan# 2155

Delta R.T. 0.012 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

Tgt Ion: 77 Resp: 2041999

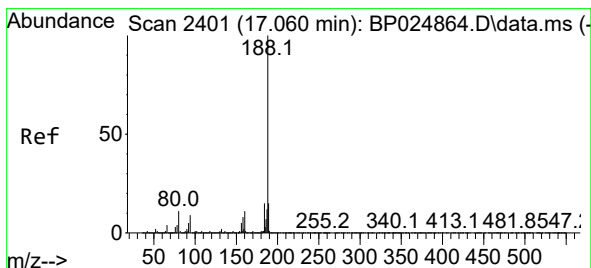
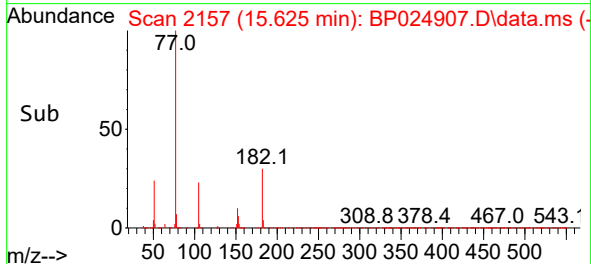
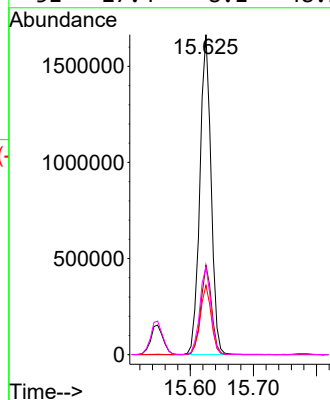
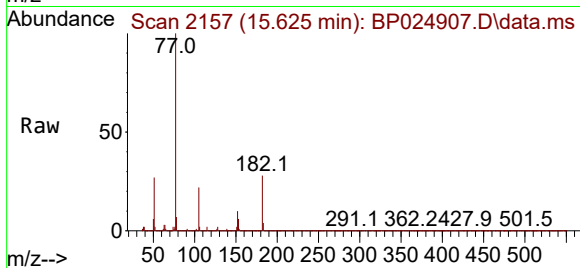
Ion Ratio Lower Upper

77 100

182 28.0 5.4 45.4

105 21.7 0.8 40.8

51 27.4 8.1 48.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

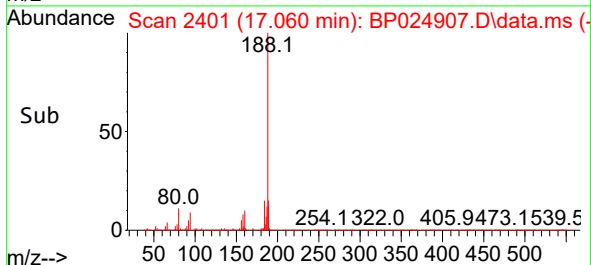
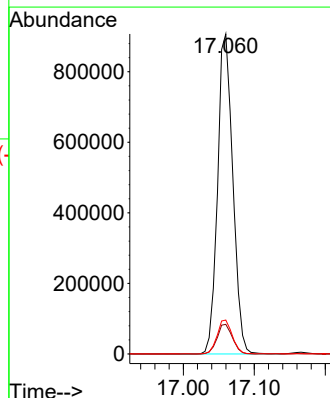
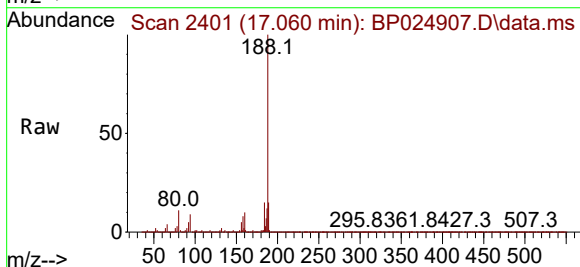
Tgt Ion:188 Resp: 1346679

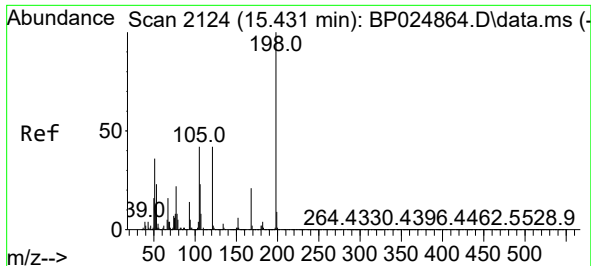
Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

80 10.6 8.5 12.7

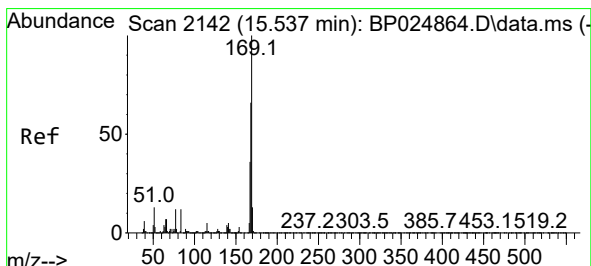
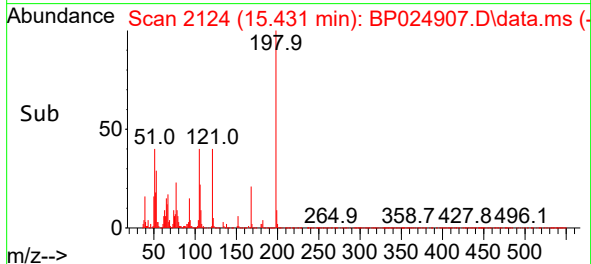
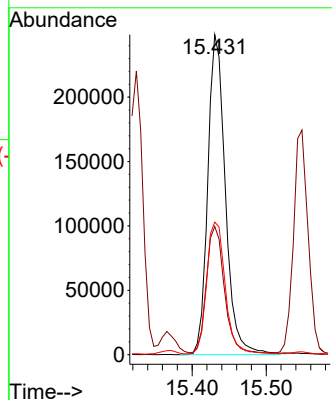
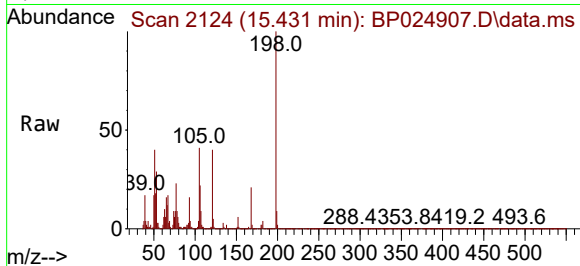




#65
4,6-Dinitro-2-methylphenol
Concen: 46.315 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

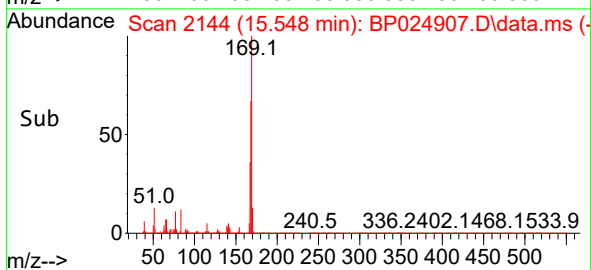
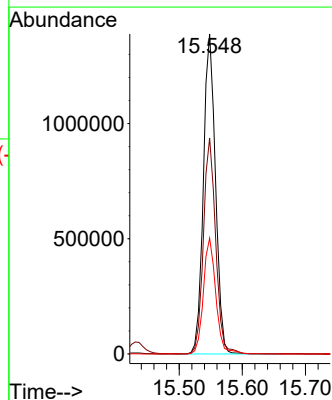
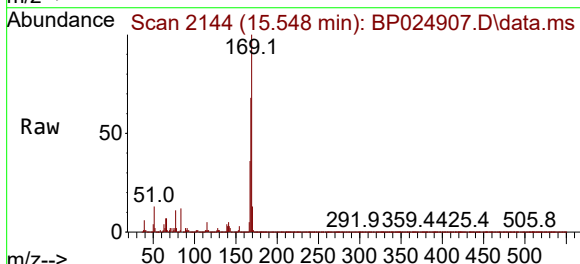
Instrument :
BNA_P
ClientSampleId :
PB168300BS

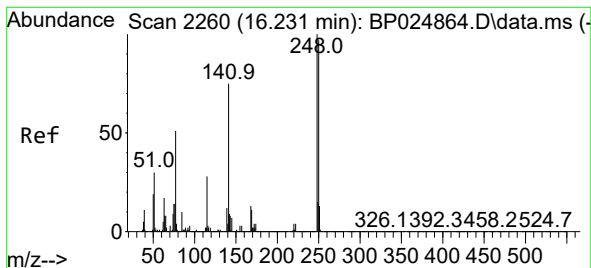
Tgt Ion:198 Resp: 409834
Ion Ratio Lower Upper
198 100
51 40.0 19.2 59.2
105 41.5 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 44.298 ng
RT: 15.548 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:169 Resp: 1849021
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.2 28.6 43.0

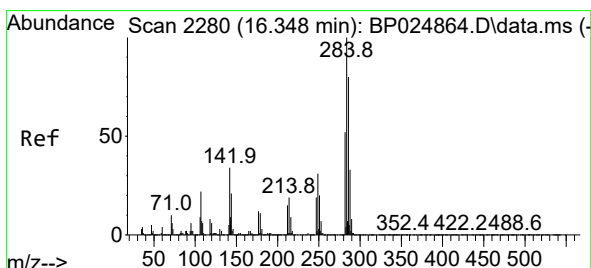
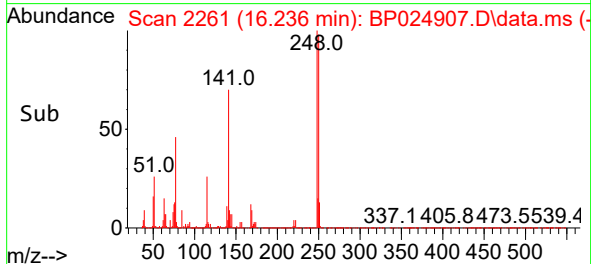
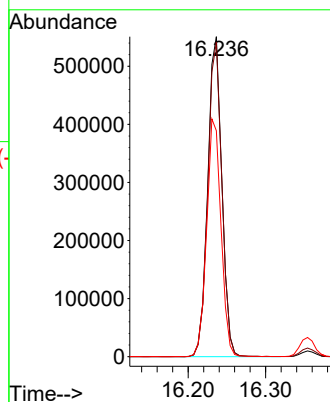
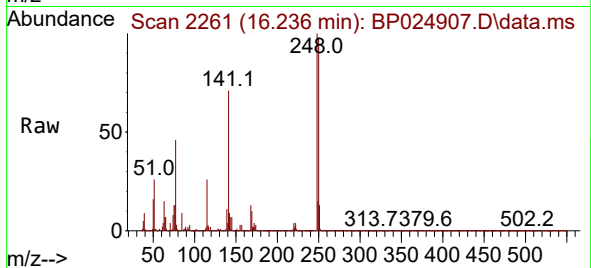




#67
4-Bromophenyl-phenylether
Concen: 45.828 ng
RT: 16.236 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

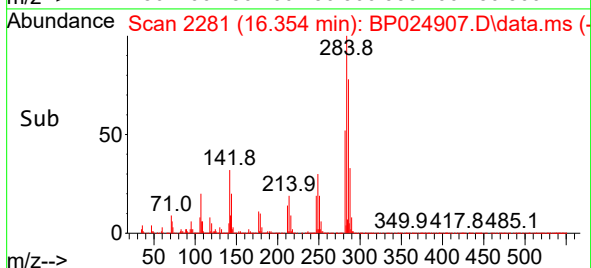
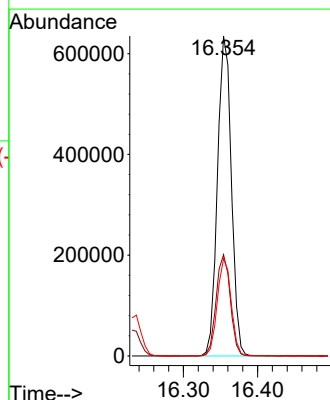
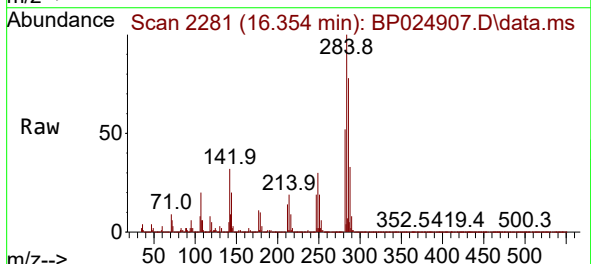
Instrument :
BNA_P
ClientSampleId :
PB168300BS

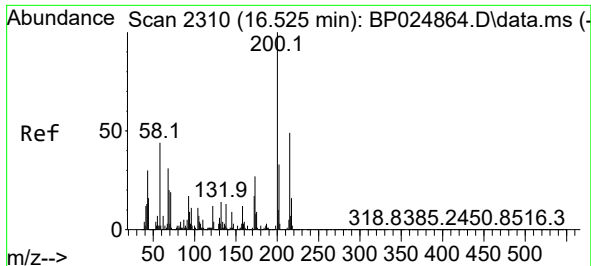
Tgt Ion:248 Resp: 696351
Ion Ratio Lower Upper
248 100
250 98.4 77.4 116.2
141 70.6 59.9 89.9



#68
Hexachlorobenzene
Concen: 44.853 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:284 Resp: 826223
Ion Ratio Lower Upper
284 100
142 31.6 27.0 40.6
249 30.4 25.0 37.6

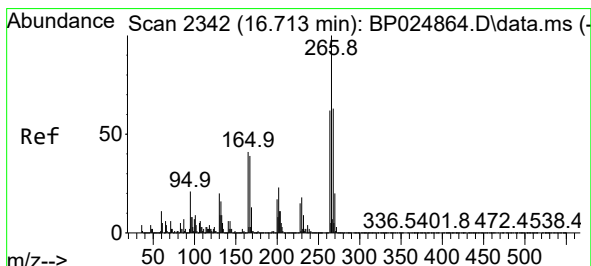
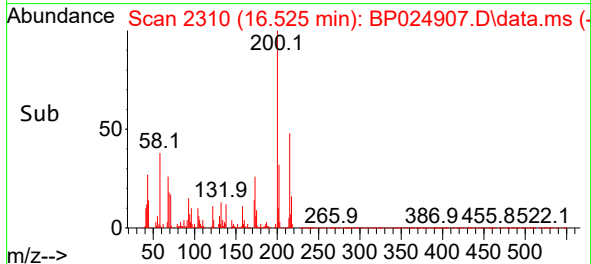
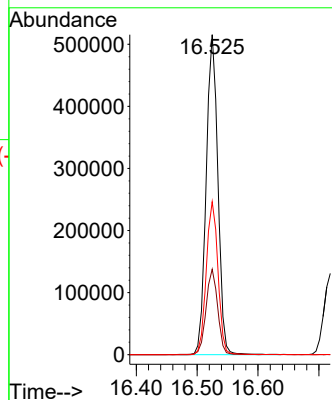
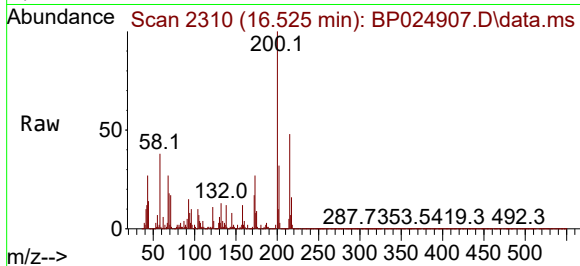




#69
 Atrazine
 Concen: 45.518 ng
 RT: 16.525 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024907.D
 Acq: 11 Jun 2025 11:31

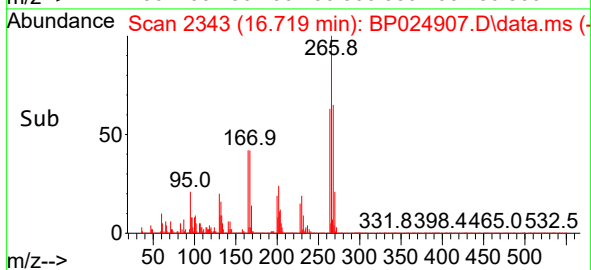
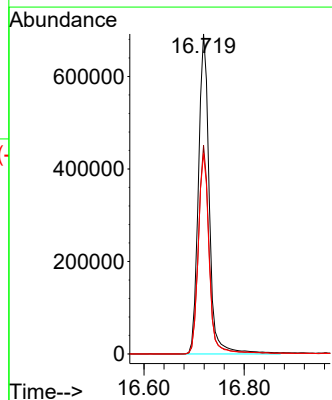
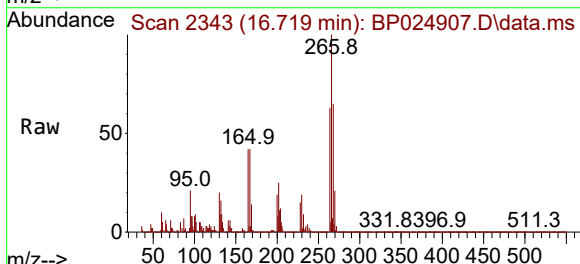
Instrument :
 BNA_P
 ClientSampleId :
 PB168300BS

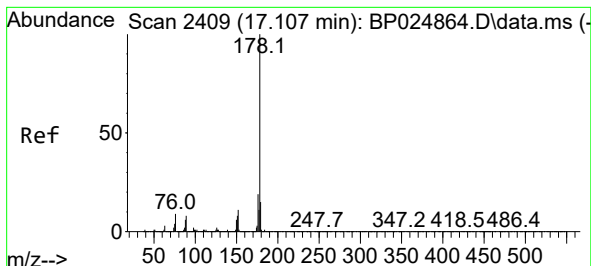
Tgt Ion:200 Resp: 688764
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.9 46.9
 215 47.8 28.7 68.7



#70
 Pentachlorophenol
 Concen: 108.710 ng
 RT: 16.719 min Scan# 2343
 Delta R.T. 0.006 min
 Lab File: BP024907.D
 Acq: 11 Jun 2025 11:31

Tgt Ion:266 Resp: 1036395
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.6 76.0
 264 62.8 49.7 74.5





#71

Phenanthrene

Concen: 43.598 ng

RT: 17.107 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

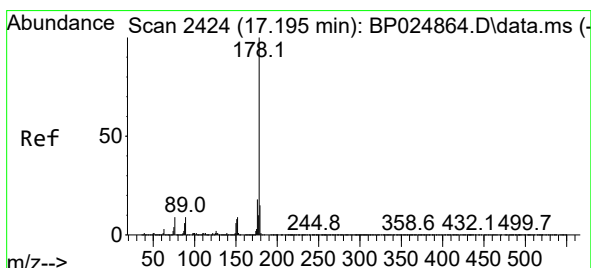
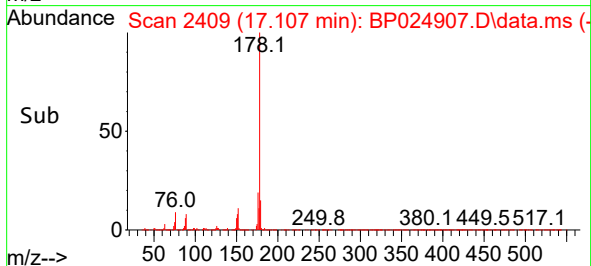
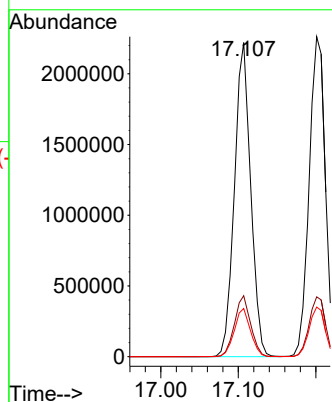
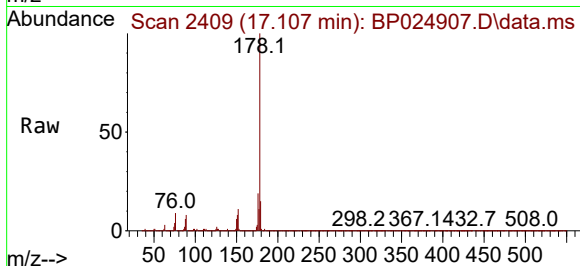
Tgt Ion:178 Resp: 3244535

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 43.428 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

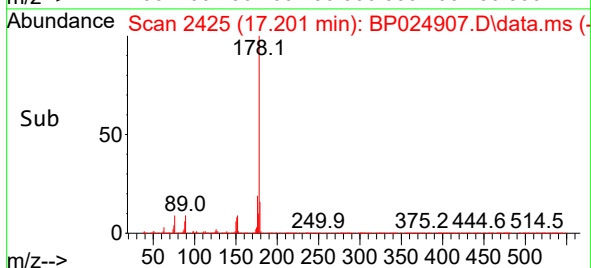
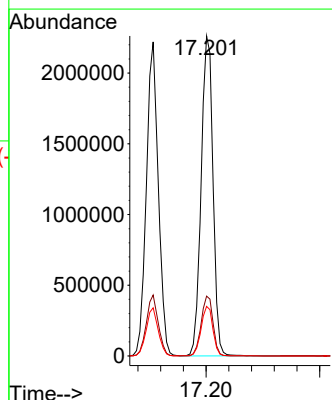
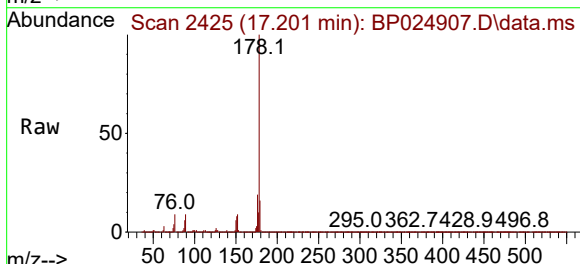
Tgt Ion:178 Resp: 3273182

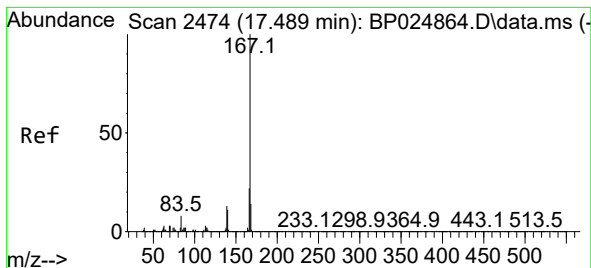
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.5 12.3 18.5





#73

Carbazole

Concen: 44.581 ng

RT: 17.489 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

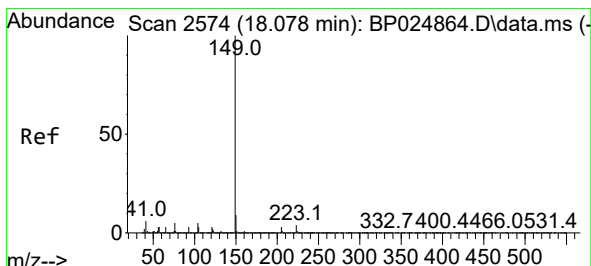
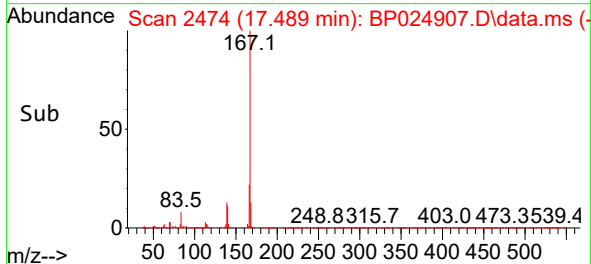
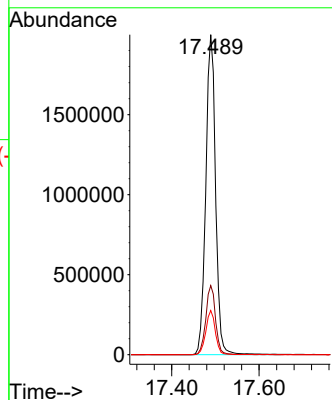
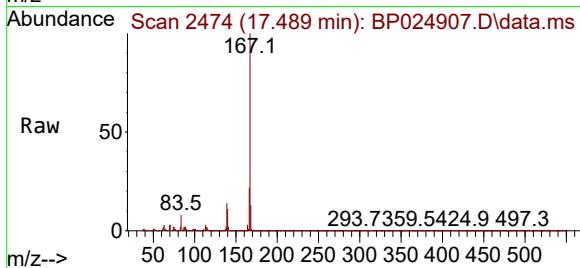
BNA_P

ClientSampleId :

PB168300BS

Tgt Ion:167 Resp: 3114427

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	13.8	10.8	16.2



#74

Di-n-butylphthalate

Concen: 46.696 ng

RT: 18.066 min Scan# 2572

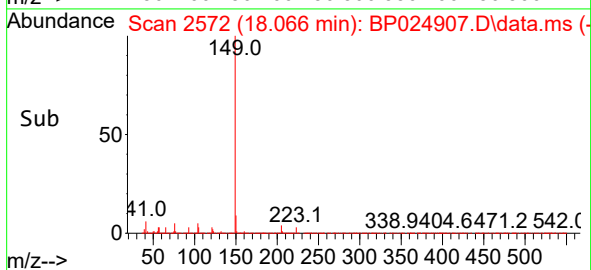
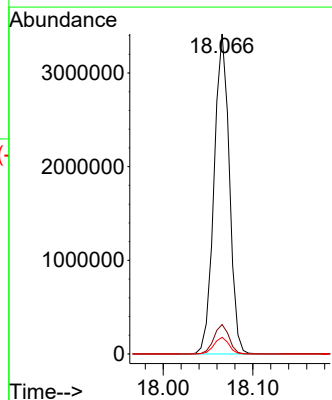
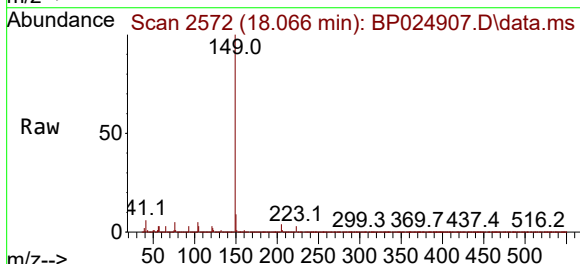
Delta R.T. -0.012 min

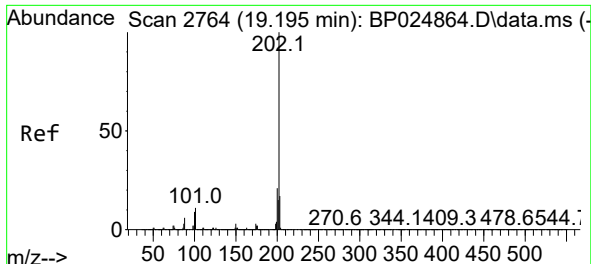
Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Tgt Ion:149 Resp: 4041854

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	4.2	6.2

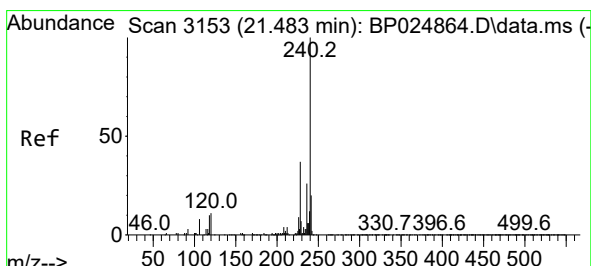
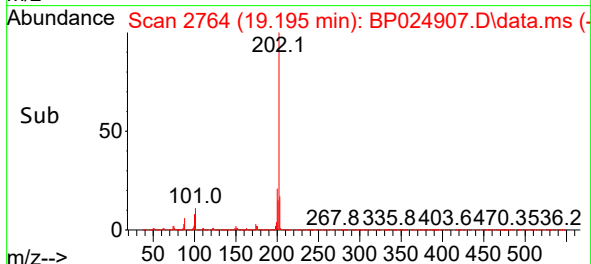
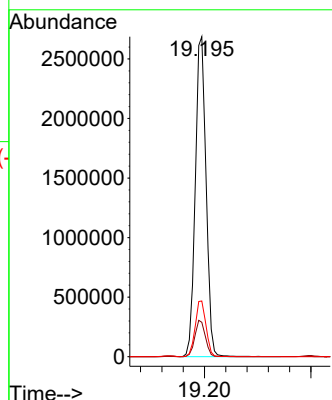
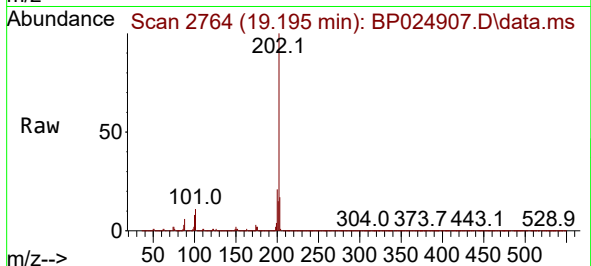




#75
Fluoranthene
Concen: 43.635 ng
RT: 19.195 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

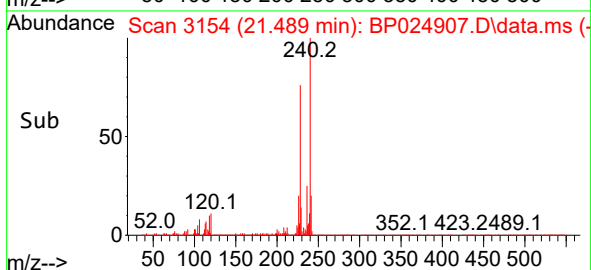
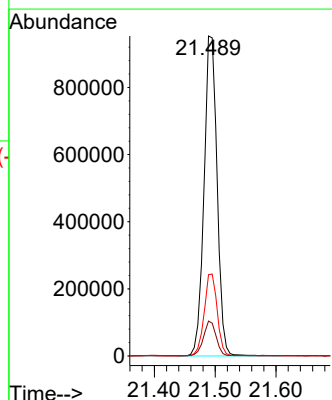
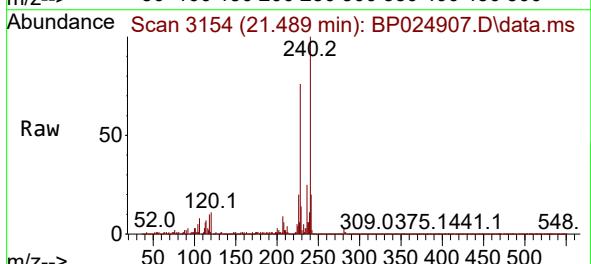
Instrument :
BNA_P
ClientSampleId :
PB168300BS

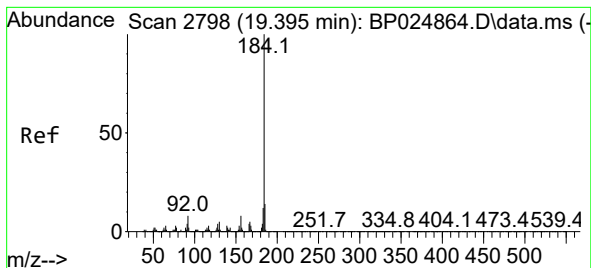
Tgt Ion:202 Resp: 3763744
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024907.D
Acq: 11 Jun 2025 11:31

Tgt Ion:240 Resp: 1423480
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.4 20.9 31.3





#77

Benzidine

Concen: 45.760 ng

RT: 19.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

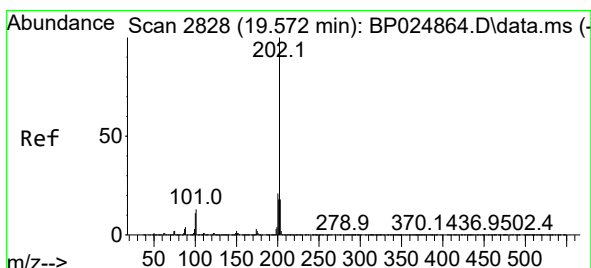
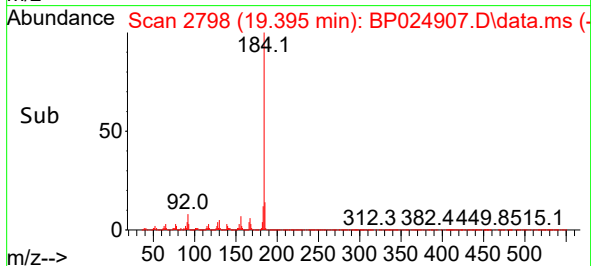
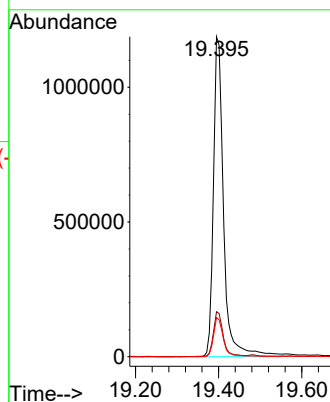
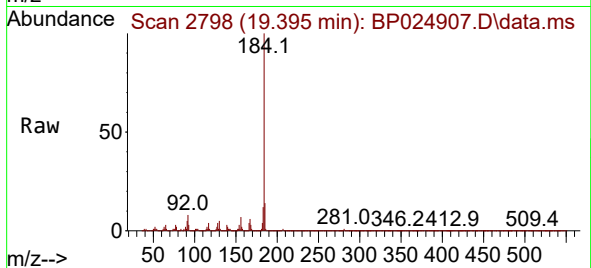
Tgt Ion:184 Resp: 2017436

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 12.2 9.5 14.3



#78

Pyrene

Concen: 44.040 ng

RT: 19.572 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

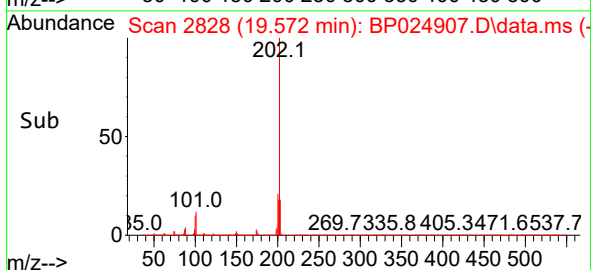
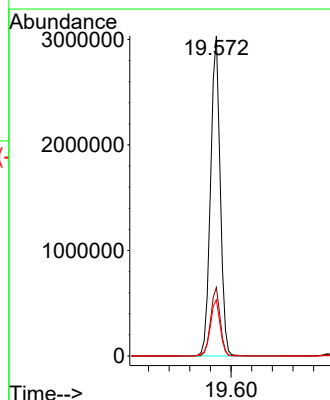
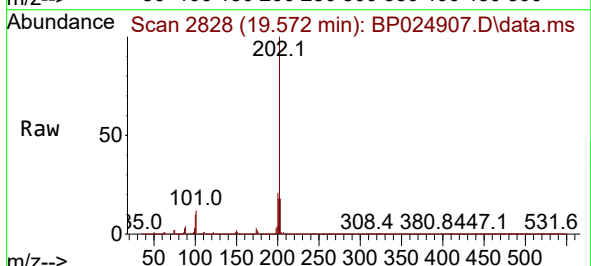
Tgt Ion:202 Resp: 3916517

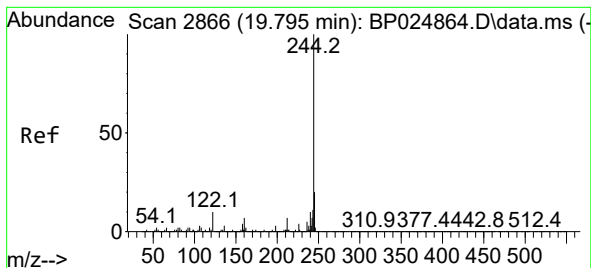
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 81.415 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

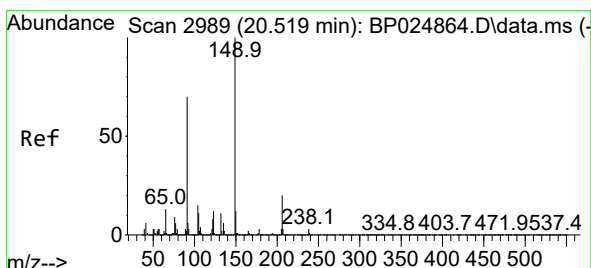
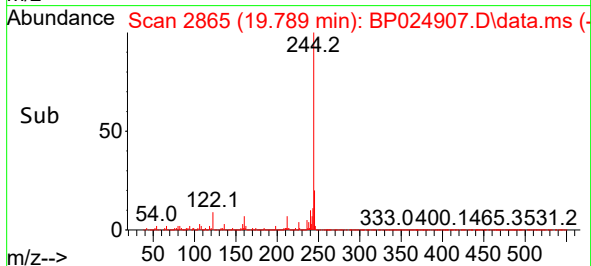
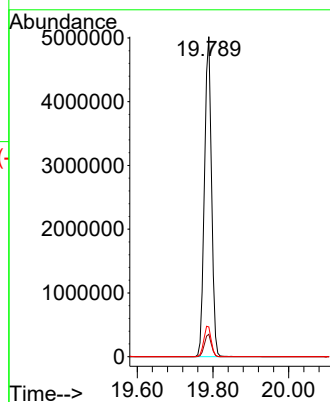
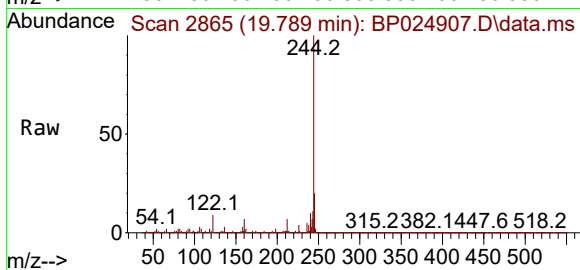
Tgt Ion:244 Resp: 6466301

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 47.222 ng

RT: 20.524 min Scan# 2990

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

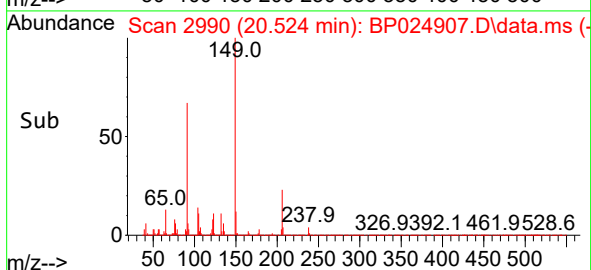
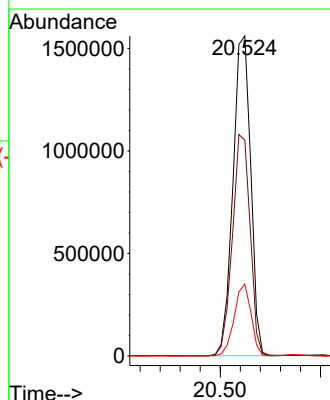
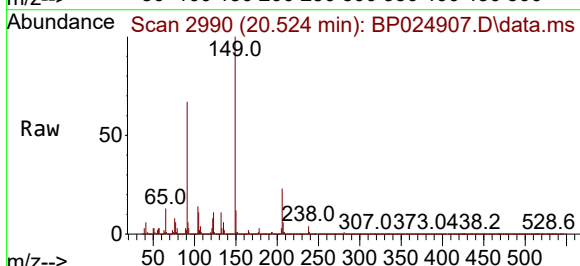
Tgt Ion:149 Resp: 1923581

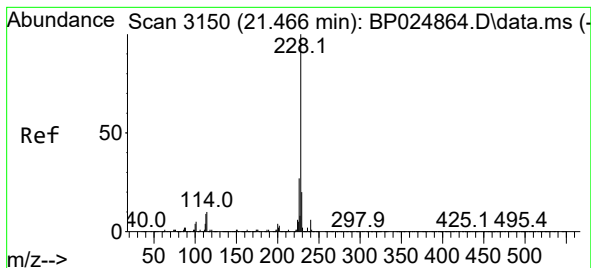
Ion Ratio Lower Upper

149 100

91 67.5 55.8 83.8

206 22.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.478 ng

RT: 21.471 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

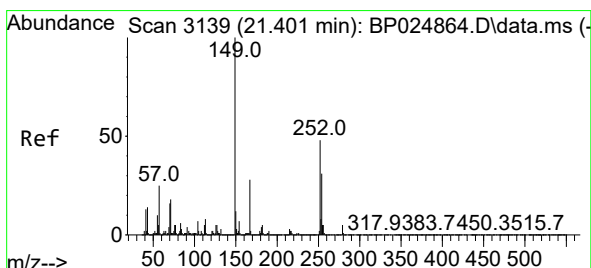
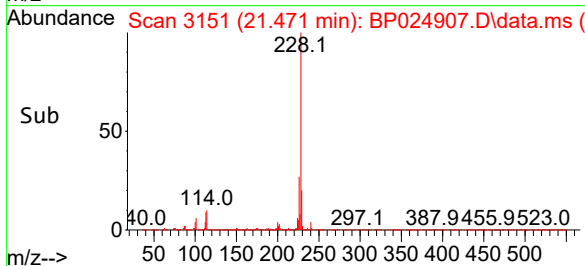
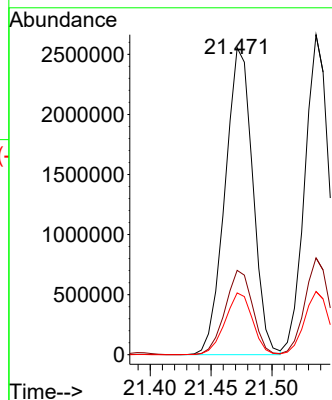
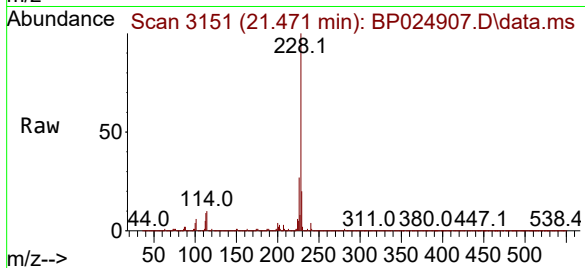
Tgt Ion:228 Resp: 4049426

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 36.469 ng

RT: 21.389 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

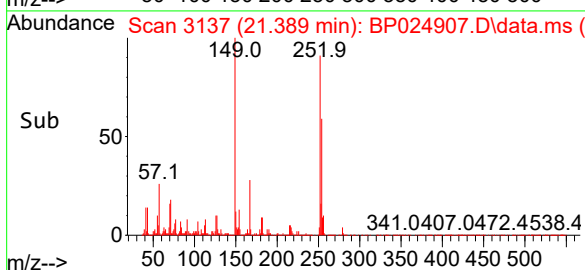
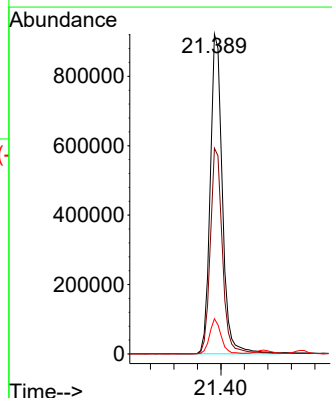
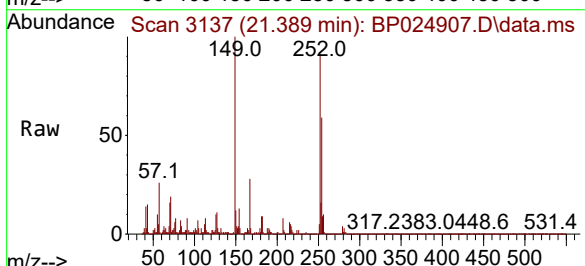
Tgt Ion:252 Resp: 1318154

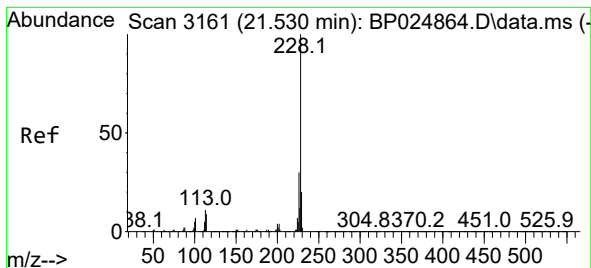
Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

126 11.0 8.6 12.8





#83

Chrysene

Concen: 43.587 ng

RT: 21.536 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

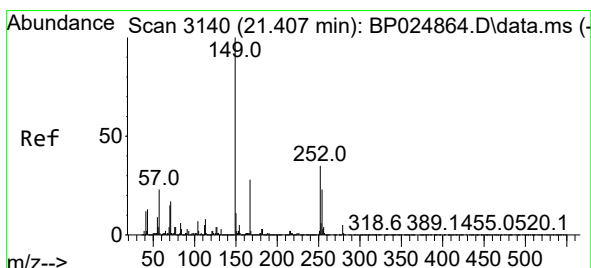
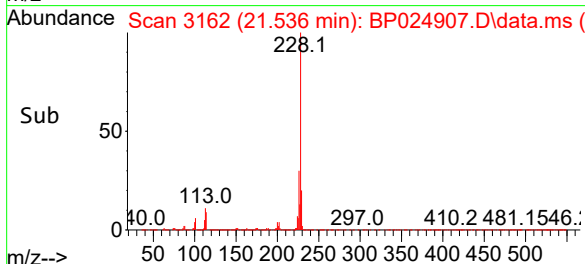
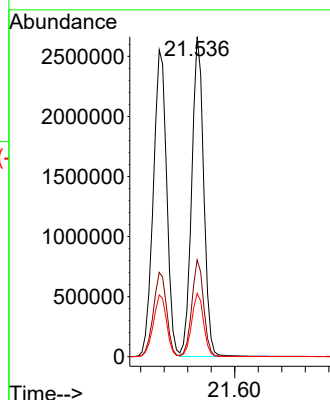
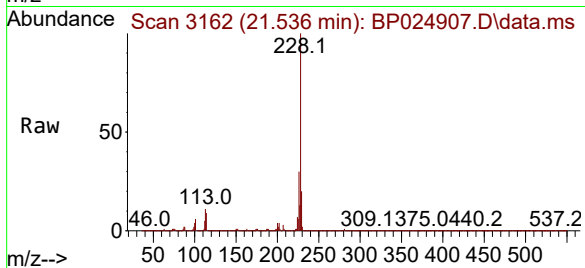
Tgt Ion:228 Resp: 3760081

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.712 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

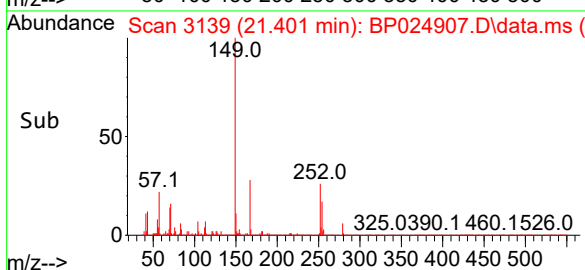
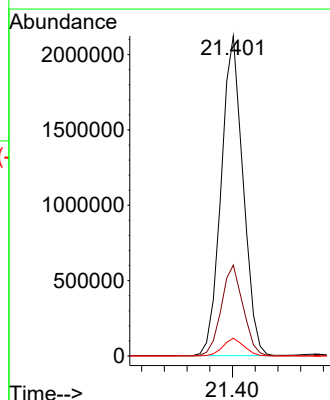
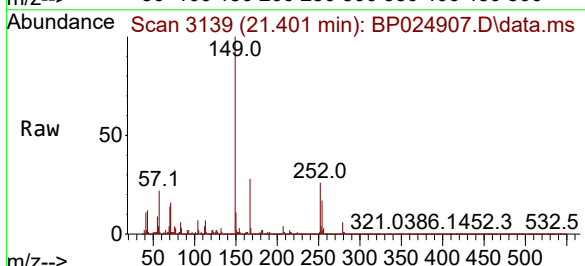
Tgt Ion:149 Resp: 2843025

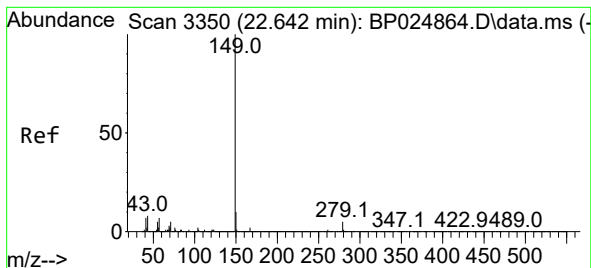
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 5.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 48.178 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

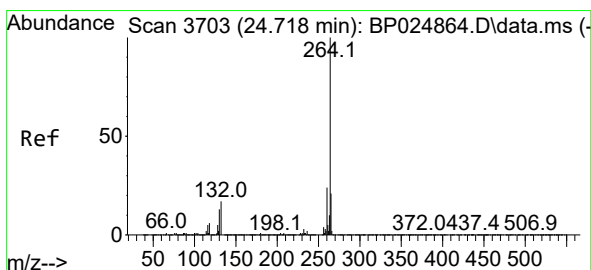
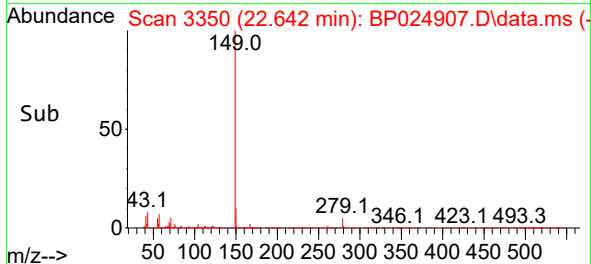
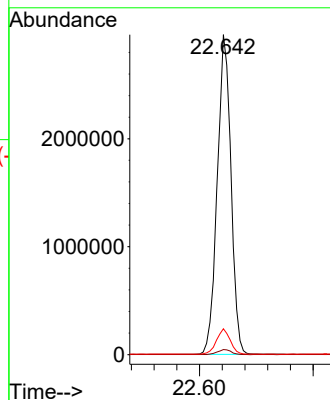
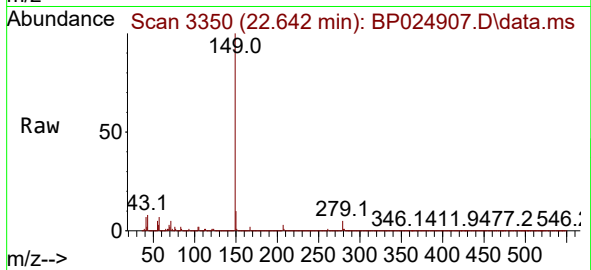
Tgt Ion:149 Resp: 4956194

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

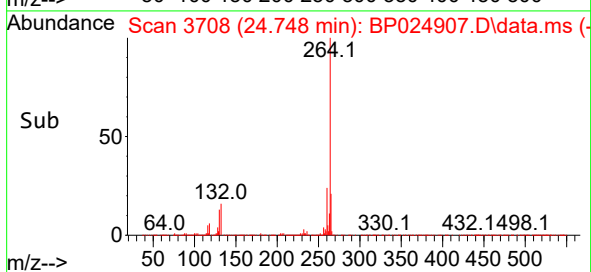
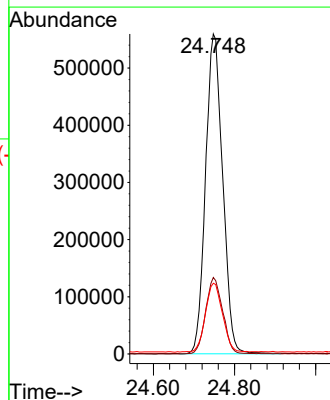
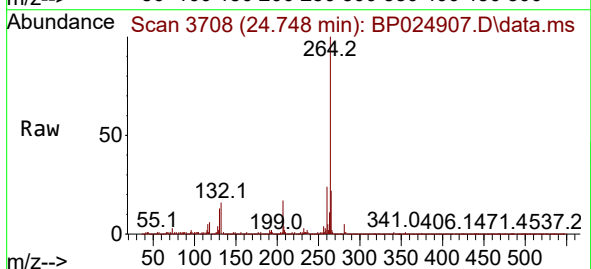
Tgt Ion:264 Resp: 1633276

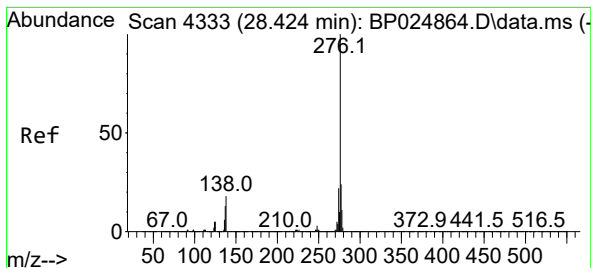
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.868 ng

RT: 28.465 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

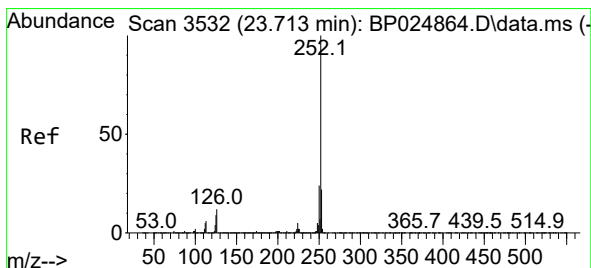
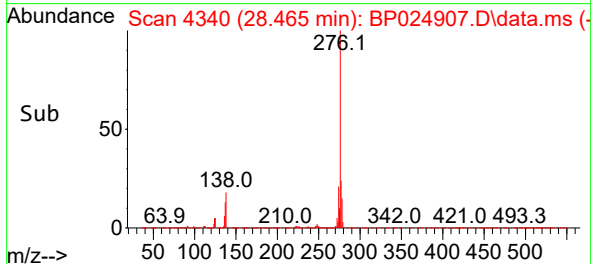
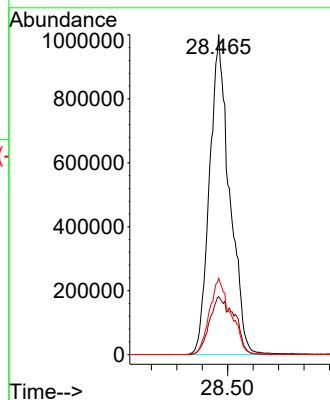
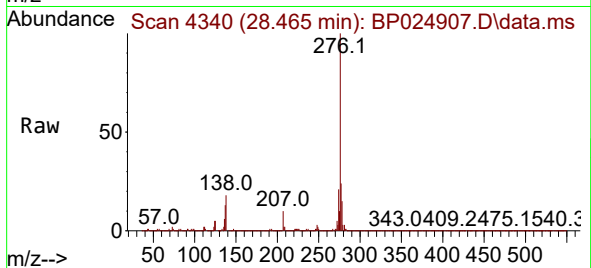
Tgt Ion:276 Resp: 5466015

Ion Ratio Lower Upper

276 100

138 15.1 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.606 ng

RT: 23.730 min Scan# 3535

Delta R.T. 0.018 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

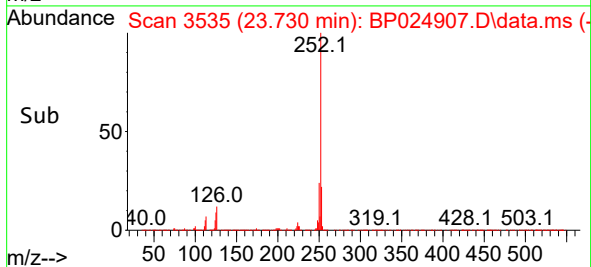
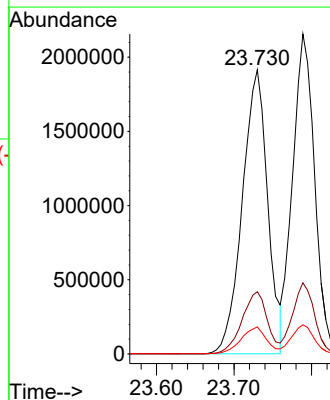
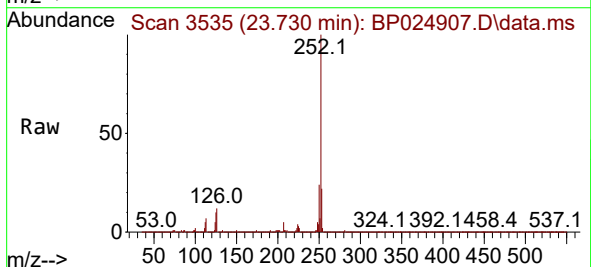
Tgt Ion:252 Resp: 4356357

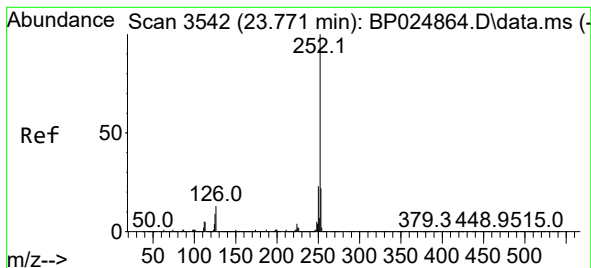
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.624 ng

RT: 23.789 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

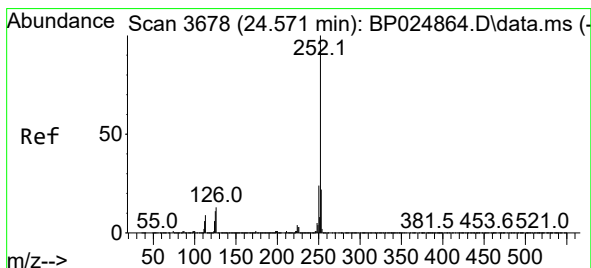
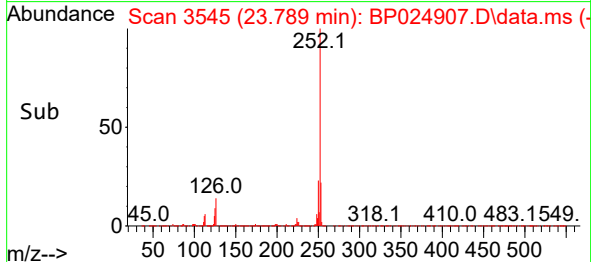
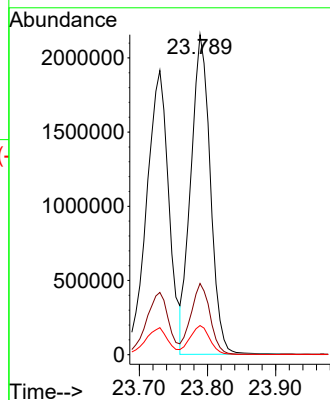
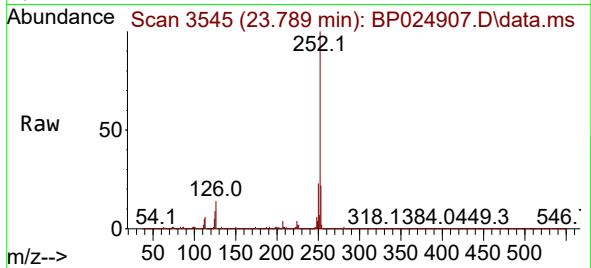
Tgt Ion:252 Resp: 4245852

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 45.563 ng

RT: 24.601 min Scan# 3683

Delta R.T. 0.029 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

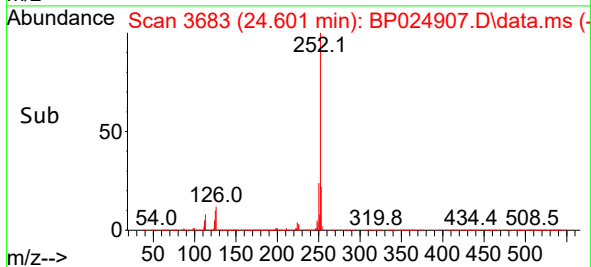
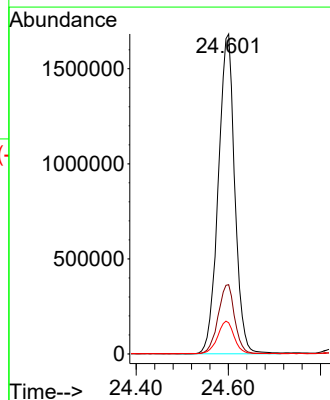
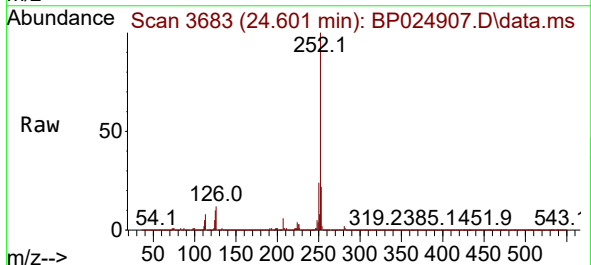
Tgt Ion:252 Resp: 4159188

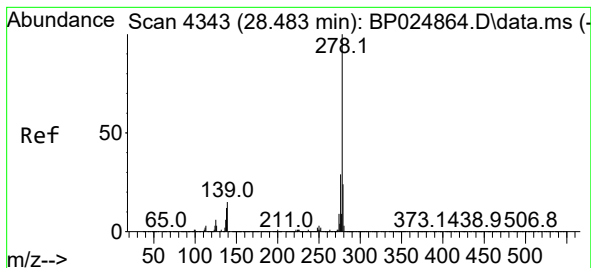
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.830 ng

RT: 28.530 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Instrument :

BNA_P

ClientSampleId :

PB168300BS

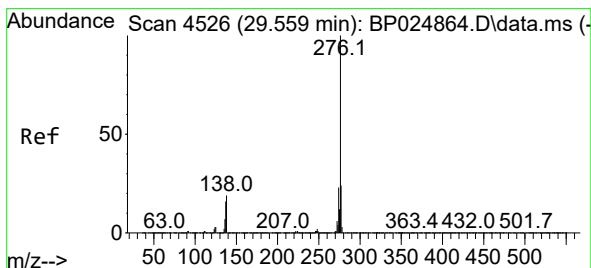
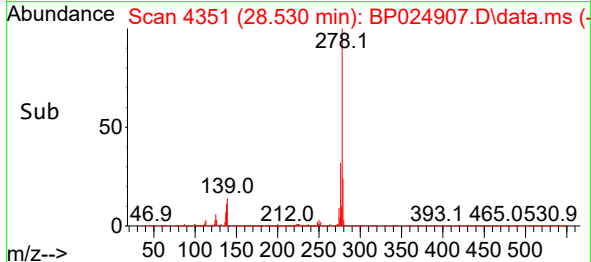
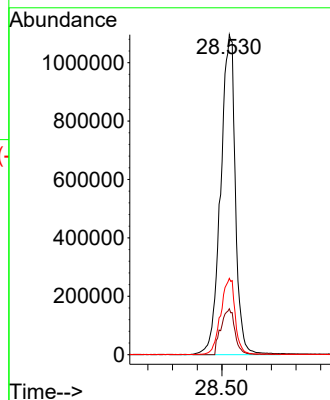
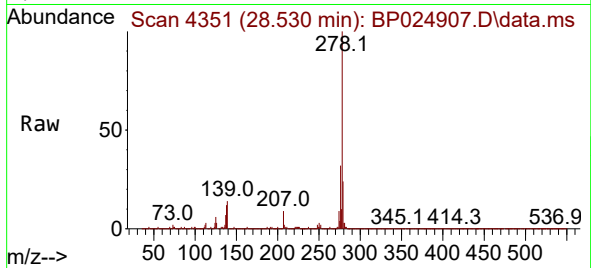
Tgt Ion:278 Resp: 4542460

Ion Ratio Lower Upper

278 100

139 14.3 12.0 18.0

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.861 ng

RT: 29.624 min Scan# 4537

Delta R.T. 0.065 min

Lab File: BP024907.D

Acq: 11 Jun 2025 11:31

Tgt Ion:276 Resp: 4413732

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 19.0 15.4 23.2

