

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024940.D
 Acq On : 13 Jun 2025 12:04
 Operator : RC/JU
 Sample : PB168437BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168437BS

Quant Time: Jun 13 12:29:30 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	246717	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	952206	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	584764	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1115991	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1173334	20.000	ng	0.02
86) Perylene-d12	24.759	264	1453621	20.000	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2285760	154.647	ng	0.00
7) Phenol-d6	6.819	99	2844139	145.434	ng	0.00
23) Nitrobenzene-d5	8.766	82	1729980	88.284	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	1321261	163.428	ng	0.01
45) 2-Fluorobiphenyl	12.860	172	3909725	90.068	ng	0.00
79) Terphenyl-d14	19.795	244	5966738	91.141	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.166	88	243242	37.401	ng 97
3) Pyridine	3.561	79	637474	40.758	ng 99
4) n-Nitrosodimethylamine	3.478	42	289648	45.298	ng 96
6) Aniline	6.955	93	898957	36.020	ng 100
8) 2-Chlorophenol	7.190	128	858635	51.244	ng 99
9) Benzaldehyde	6.766	77	581924	51.625	ng 99
10) Phenol	6.849	94	1002953	49.749	ng 99
11) bis(2-Chloroethyl)ether	7.043	93	739099	46.612	ng 100
12) 1,3-Dichlorobenzene	7.496	146	879253	47.039	ng 98
13) 1,4-Dichlorobenzene	7.643	146	899447	47.690	ng 99
14) 1,2-Dichlorobenzene	7.954	146	863263	46.611	ng 99
15) Benzyl Alcohol	7.860	79	728541	48.541	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	916606	44.166	ng 99
17) 2-Methylphenol	8.072	107	695985	49.437	ng 99
18) Hexachloroethane	8.666	117	328864	46.314	ng 97
19) n-Nitroso-di-n-propyla...	8.413	70	573676	43.151	ng 99
20) 3+4-Methylphenols	8.402	107	914043	47.589	ng 99
22) Acetophenone	8.431	105	1158893	48.171	ng 99
24) Nitrobenzene	8.807	77	853422	49.024	ng 97
25) Isophorone	9.325	82	1587798	46.753	ng 99
26) 2-Nitrophenol	9.507	139	459829	53.535	ng 97
27) 2,4-Dimethylphenol	9.578	122	765212	52.054	ng 99
28) bis(2-Chloroethoxy)met...	9.801	93	979464	48.349	ng 99
29) 2,4-Dichlorophenol	10.054	162	771538	54.700	ng 99
30) 1,2,4-Trichlorobenzene	10.248	180	783356	49.240	ng 98
31) Naphthalene	10.431	128	2394432	49.069	ng 100
32) Benzoic acid	9.784	122	524179	52.767	ng 98
33) 4-Chloroaniline	10.554	127	573311	28.043	ng 99
34) Hexachlorobutadiene	10.707	225	499296	52.072	ng 98
35) Caprolactam	11.366	113	254901	49.095	ng 90
36) 4-Chloro-3-methylphenol	11.707	107	838521	51.541	ng 98
37) 2-Methylnaphthalene	12.043	142	1539502	49.737	ng 99
38) 1-Methylnaphthalene	12.272	142	1584951	47.895	ng 99
40) 1,2,4,5-Tetrachloroben...	12.425	216	873290	52.630	ng 99
41) Hexachlorocyclopentadiene	12.395	237	1066581	105.387	ng 99
43) 2,4,6-Trichlorophenol	12.678	196	604180	54.219	ng 100

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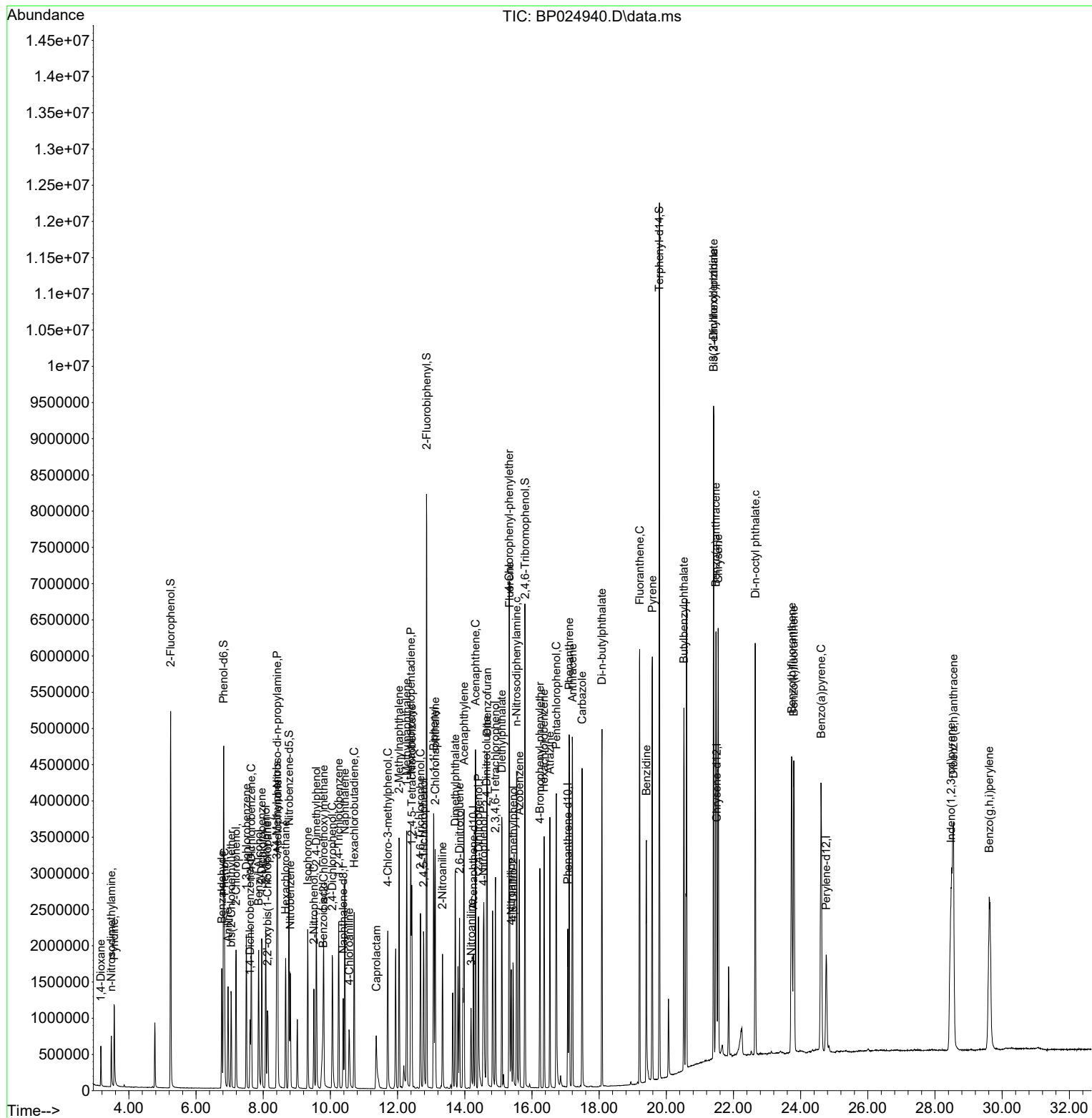
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44) 2,4,5-Trichlorophenol	12.772	196	668292	56.000	ng	99
46) 1,1'-Biphenyl	13.078	154	2175779	51.199	ng	99
47) 2-Chloronaphthalene	13.119	162	1658680	50.784	ng	100
48) 2-Nitroaniline	13.337	65	517720	51.559	ng	94
49) Acenaphthylene	13.978	152	2729587	50.122	ng	100
50) Dimethylphthalate	13.719	163	2169457	50.292	ng	100
51) 2,6-Dinitrotoluene	13.842	165	477054	51.299	ng	100
52) Acenaphthene	14.319	154	1559389	49.970	ng	99
53) 3-Nitroaniline	14.189	138	327242	33.909	ng	96
54) 2,4-Dinitrophenol	14.407	184	621423	101.049	ng	97
55) Dibenzofuran	14.666	168	2497892	49.865	ng	100
56) 4-Nitrophenol	14.554	139	711420	86.598	ng	99
57) 2,4-Dinitrotoluene	14.648	165	680996	52.350	ng	96
58) Fluorene	15.331	166	2013597	49.760	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	570741	53.528	ng	97
60) Diethylphthalate	15.101	149	2174185	50.573	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1009653	51.029	ng	98
62) 4-Nitroaniline	15.384	138	463892	53.014	ng	96
63) Azobenzene	15.625	77	1924309	48.805	ng	97
65) 4,6-Dinitro-2-methylph...	15.442	198	395257	53.901	ng	97
66) n-Nitrosodiphenylamine	15.542	169	1779554	51.446	ng	100
67) 4-Bromophenyl-phenylether	16.236	248	665933	52.885	ng	98
68) Hexachlorobenzene	16.360	284	806327	52.821	ng	100
69) Atrazine	16.536	200	657710	52.450	ng	99
70) Pentachlorophenol	16.725	266	944988	119.611	ng	100
71) Phenanthrene	17.107	178	3071779	49.809	ng	100
72) Anthracene	17.207	178	3145447	50.360	ng	100
73) Carbazole	17.495	167	2921523	50.464	ng	100
74) Di-n-butylphthalate	18.083	149	3663183	51.070	ng	99
75) Fluoranthene	19.207	202	3564271	49.864	ng	99
77) Benzidine	19.407	184	2127453	58.543	ng	100
78) Pyrene	19.583	202	3678667	50.184	ng	99
80) Butylbenzylphthalate	20.524	149	1717429	51.149	ng	98
81) Benzo(a)anthracene	21.477	228	3808709	50.753	ng	99
82) 3,3'-Dichlorobenzidine	21.407	252	1071165	35.954	ng	100
83) Chrysene	21.542	228	3563319	50.112	ng	99
84) Bis(2-ethylhexyl)phtha...	21.413	149	2543103	52.863	ng	99
85) Di-n-octyl phthalate	22.648	149	4445475	52.427	ng	98
87) Indeno(1,2,3-cd)pyrene	28.477	276	5325882	50.216	ng	# 91
88) Benzo(b)fluoranthene	23.736	252	4140591	49.772	ng	99
89) Benzo(k)fluoranthene	23.795	252	4146652	48.968	ng	100
90) Benzo(a)pyrene	24.607	252	4077987	50.195	ng	99
91) Dibenzo(a,h)anthracene	28.547	278	4355580	50.453	ng	99
92) Benzo(g,h,i)perylene	29.612	276	4281519	49.985	ng	99

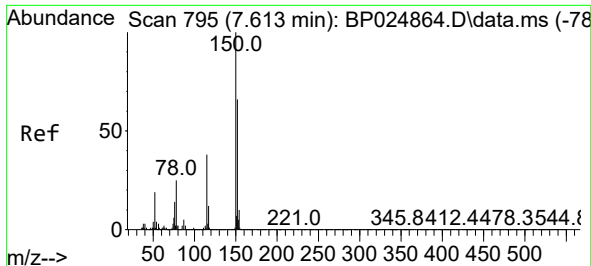
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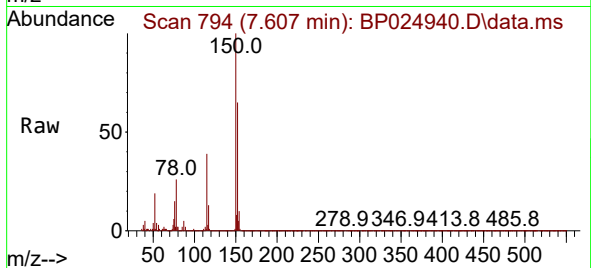
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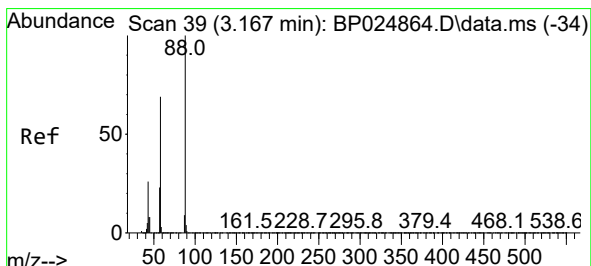
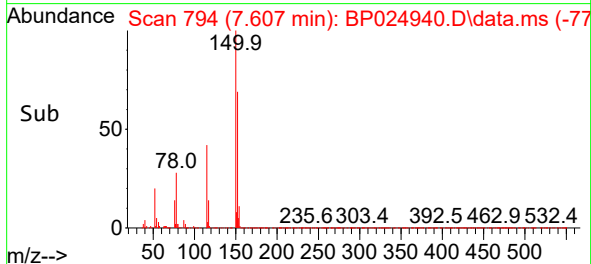
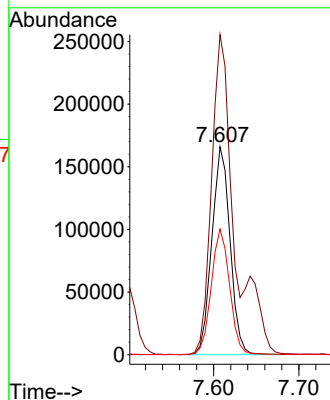


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Instrument :
BNA_P
ClientSampleId :
PB168437BS

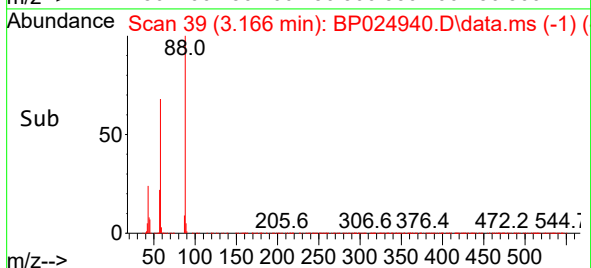
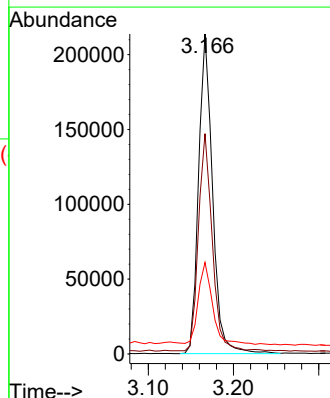
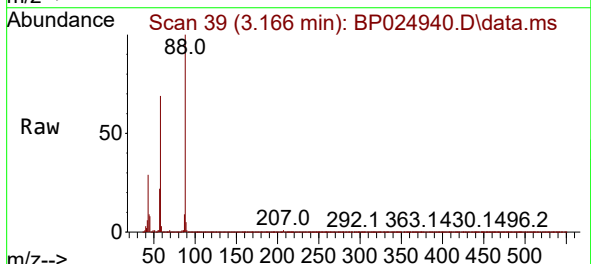


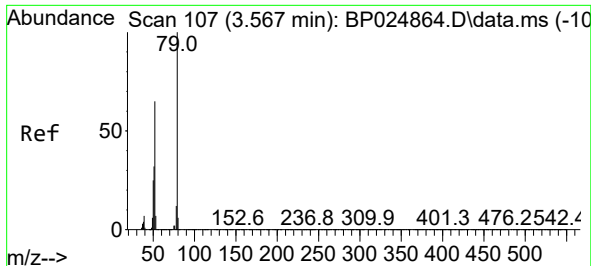
Tgt Ion:152 Resp: 246717
Ion Ratio Lower Upper
152 100
150 153.9 122.1 183.1
115 60.4 46.4 69.6



#2
1,4-Dioxane
Concen: 37.401 ng
RT: 3.166 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 88 Resp: 243242
Ion Ratio Lower Upper
88 100
58 66.6 55.4 83.0
43 27.7 20.8 31.2

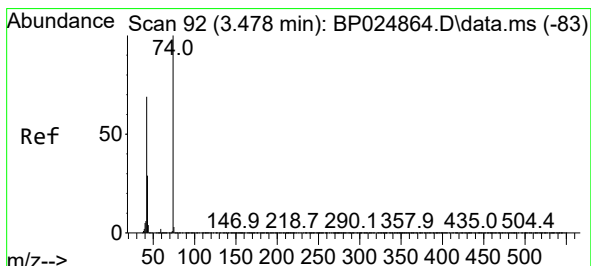
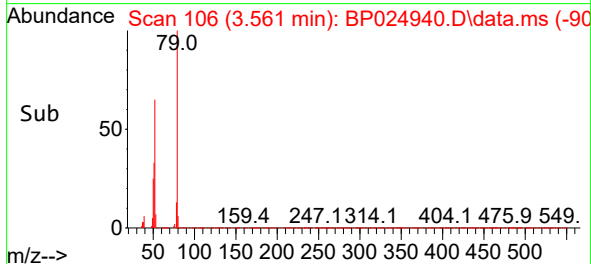
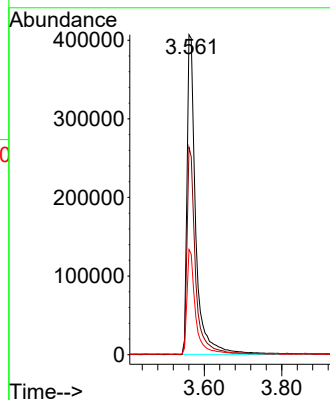
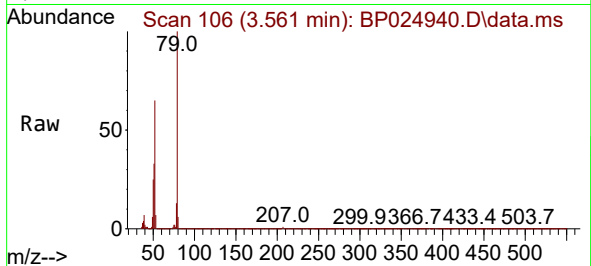




#3
Pyridine
Concen: 40.758 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

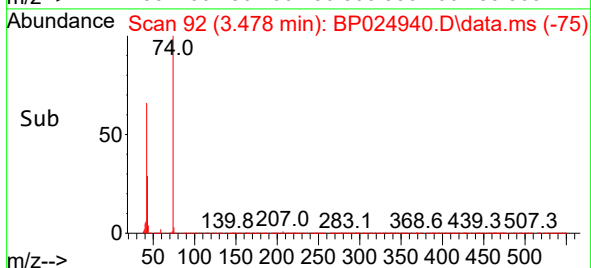
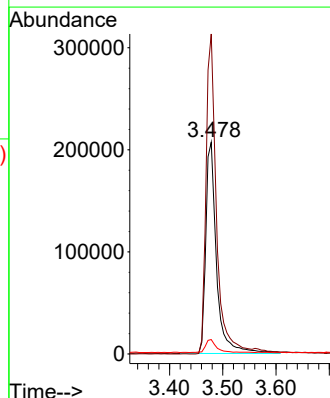
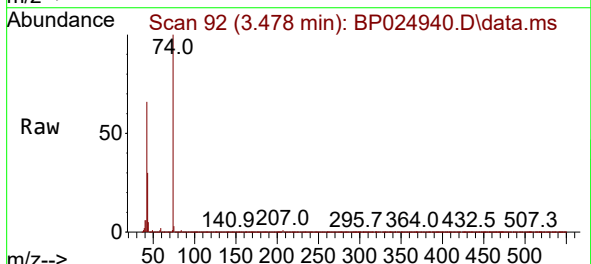
Instrument :
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ClientSampleId :
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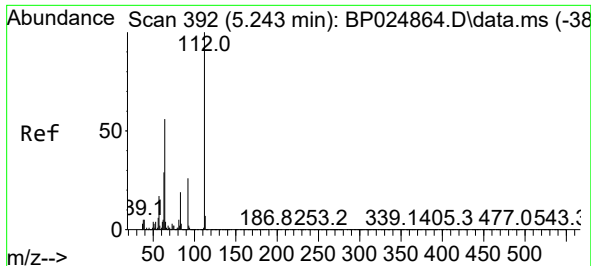
Tgt Ion: 79 Resp: 637474
Ion Ratio Lower Upper
79 100
52 64.8 51.6 77.4
51 32.9 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 45.298 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 42 Resp: 289648
Ion Ratio Lower Upper
42 100
74 151.2 116.6 174.8
44 6.8 5.4 8.0

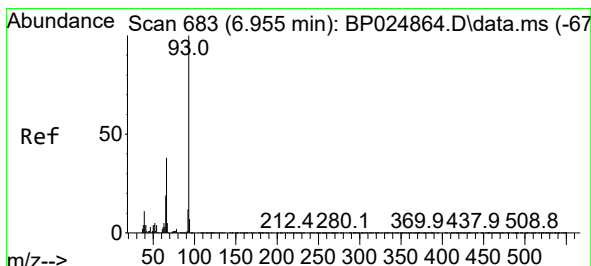
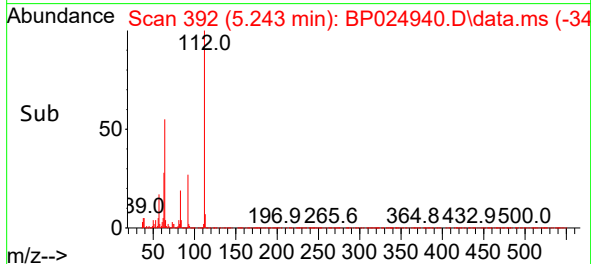
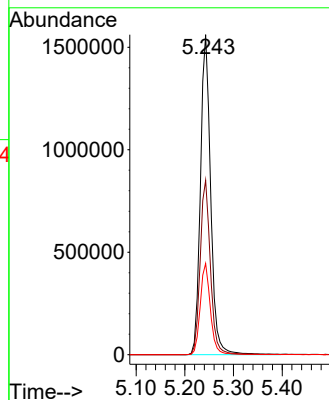
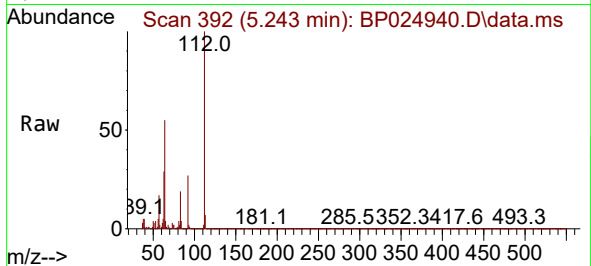




#5
2-Fluorophenol
Concen: 154.647 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

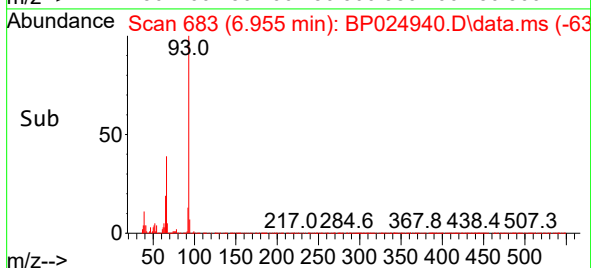
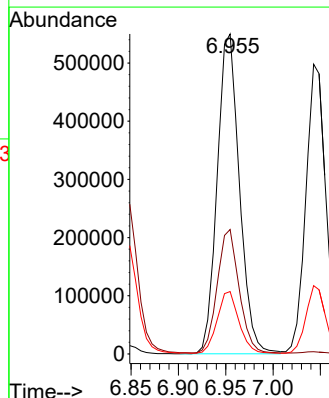
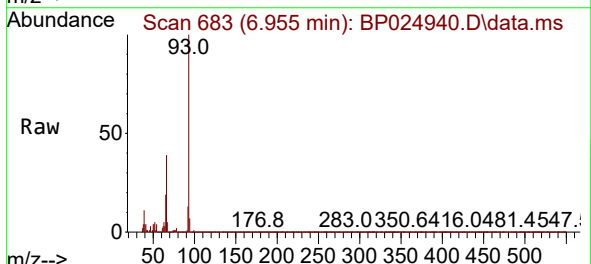
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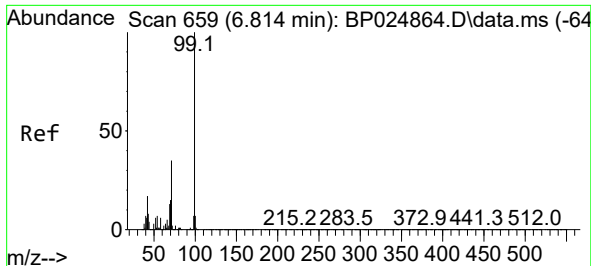
Tgt Ion:112 Resp: 2285760
Ion Ratio Lower Upper
112 100
64 54.5 44.7 67.1
63 28.5 23.5 35.3



#6
Aniline
Concen: 36.020 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 93 Resp: 898957
Ion Ratio Lower Upper
93 100
66 38.9 30.9 46.3
65 19.5 15.5 23.3

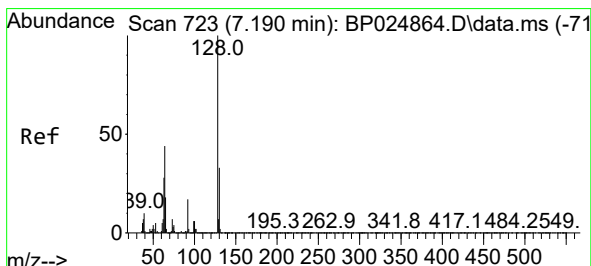
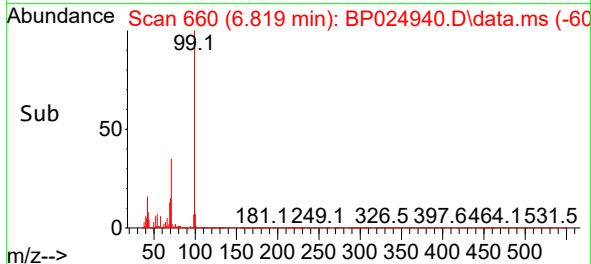
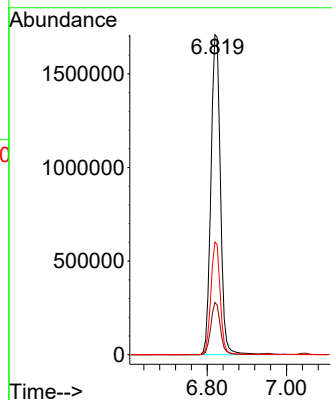
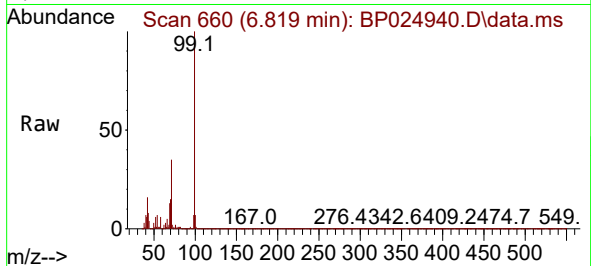




#7
Phenol-d6
Concen: 145.434 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

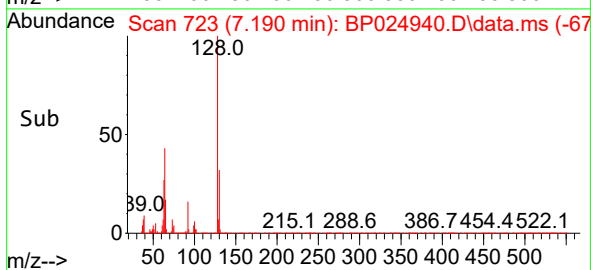
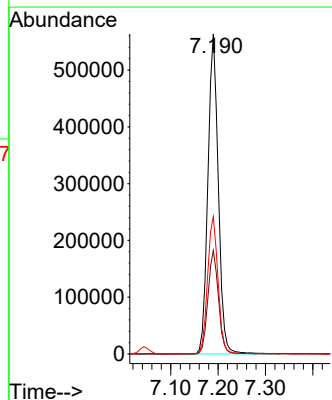
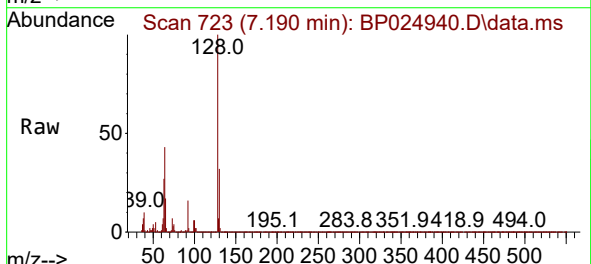
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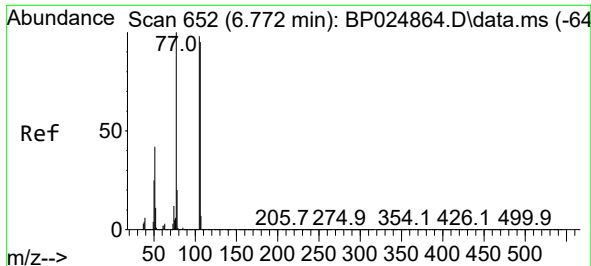
Tgt Ion: 99 Resp: 2844139
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.2
71 35.2 27.6 41.4



#8
2-Chlorophenol
Concen: 51.244 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 128 Resp: 858635
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 42.9 24.1 64.1

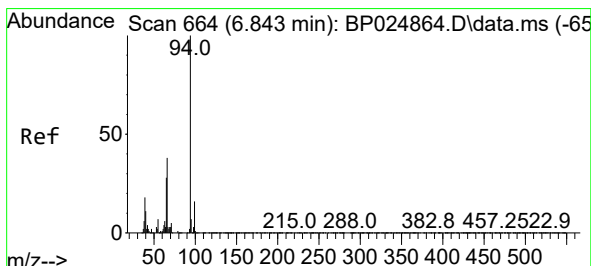
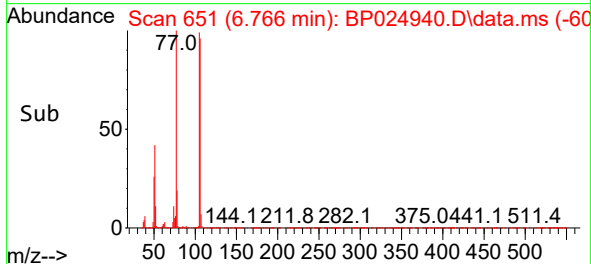
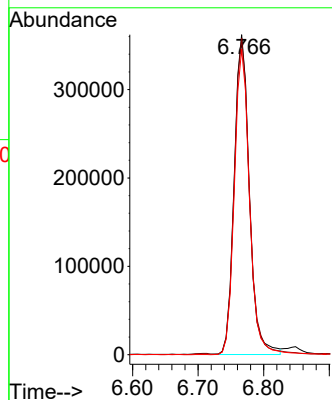
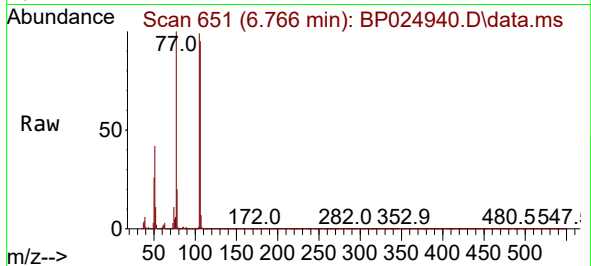




#9
Benzaldehyde
Concen: 51.625 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

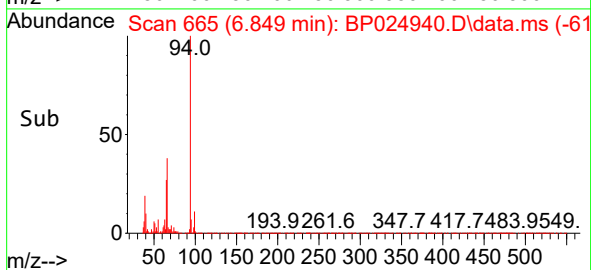
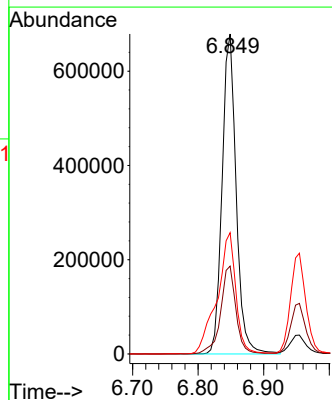
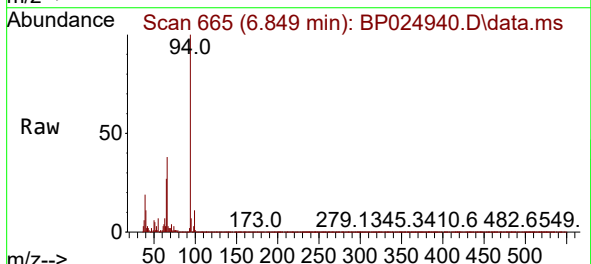
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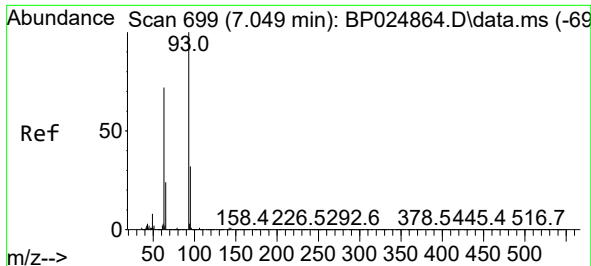
Tgt Ion: 77 Resp: 581924
Ion Ratio Lower Upper
77 100
105 99.0 77.7 117.7
106 95.4 74.8 114.8



#10
Phenol
Concen: 49.749 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 94 Resp: 1002953
Ion Ratio Lower Upper
94 100
65 27.4 8.3 48.3
66 37.9 18.2 58.2

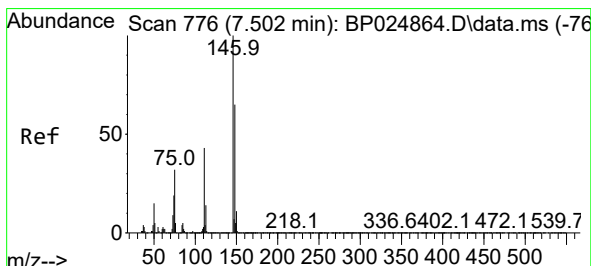
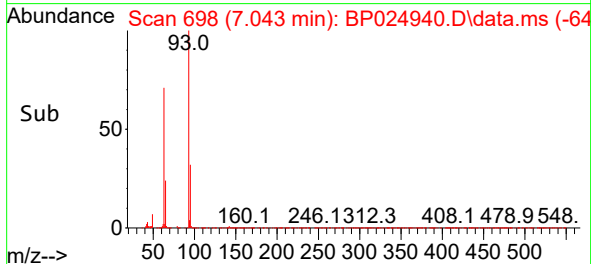
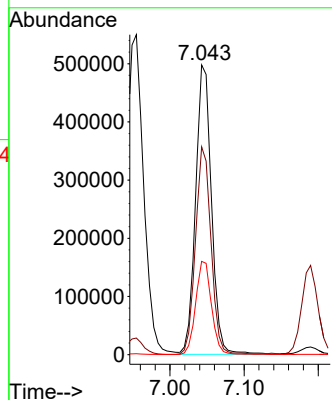
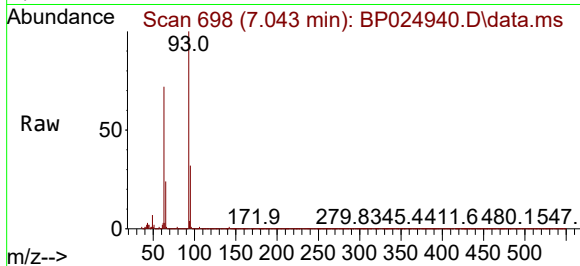




#11
 bis(2-Chloroethyl)ether
 Concen: 46.612 ng
 RT: 7.043 min Scan# 699
 Delta R.T. -0.006 min
 Lab File: BP024940.D
 Acq: 13 Jun 2025 12:04

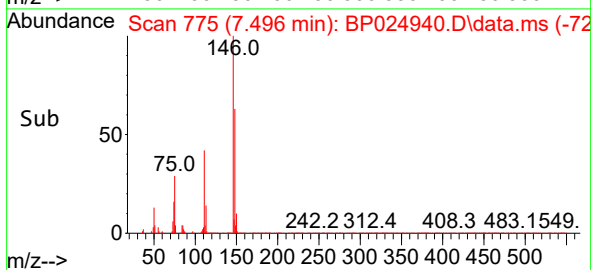
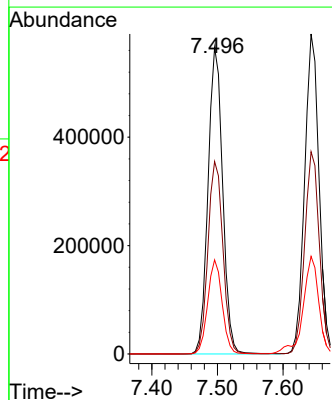
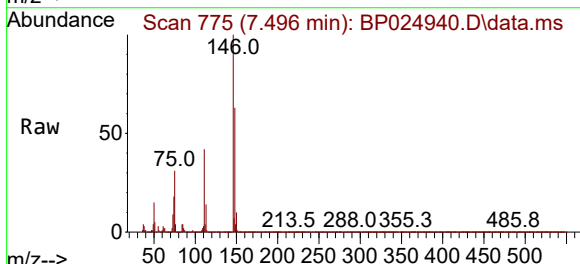
Instrument :
 BNA_P
 ClientSampleId :
 PB168437BS

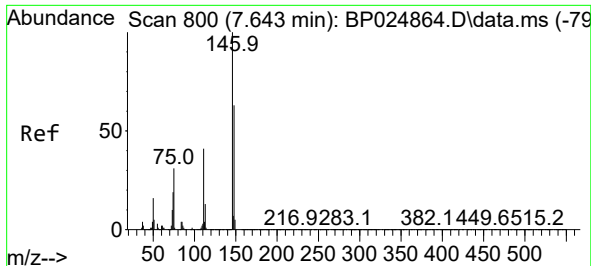
Tgt Ion: 93 Resp: 739099
 Ion Ratio Lower Upper
 93 100
 63 71.7 51.6 91.6
 95 32.2 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 47.039 ng
 RT: 7.496 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: BP024940.D
 Acq: 13 Jun 2025 12:04

Tgt Ion: 146 Resp: 879253
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.8
 75 30.7 25.3 37.9

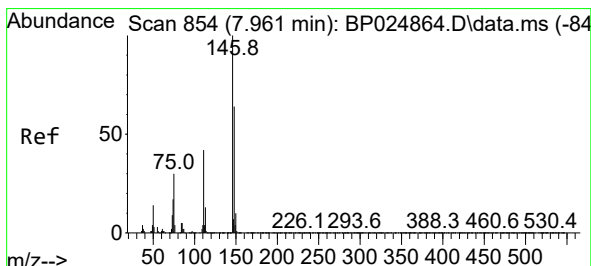
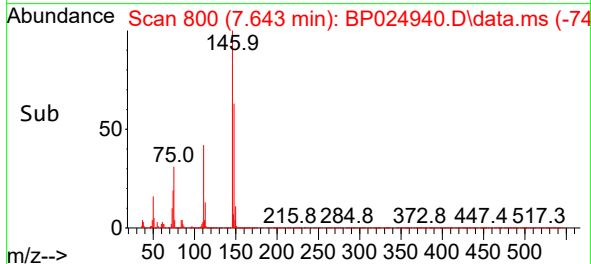
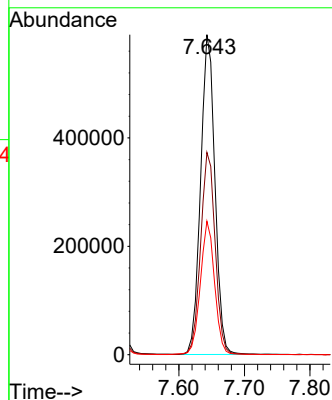
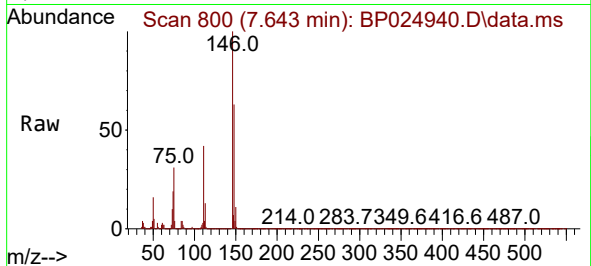




#13
1,4-Dichlorobenzene
Concen: 47.690 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

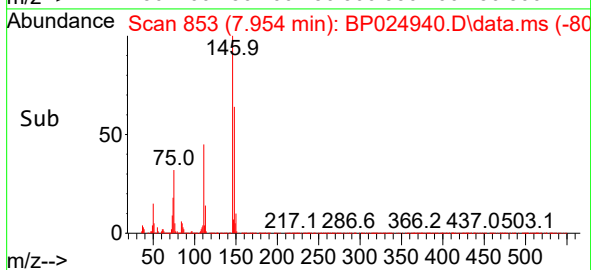
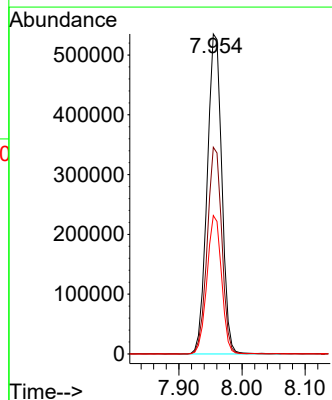
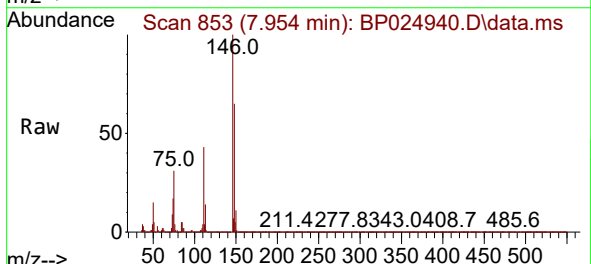
Instrument :
BNA_P
ClientSampleId :
PB168437BS

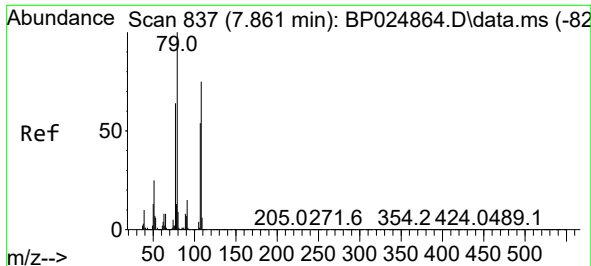
Tgt Ion:146 Resp: 899447
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 41.7 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 46.611 ng
RT: 7.954 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:146 Resp: 863263
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
111 43.3 33.8 50.8

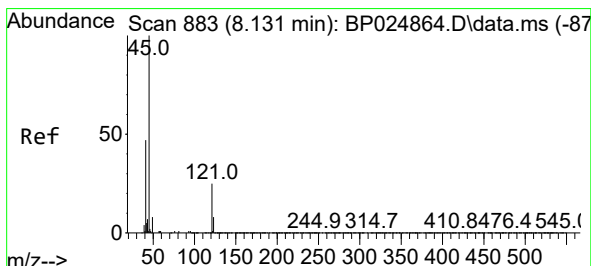
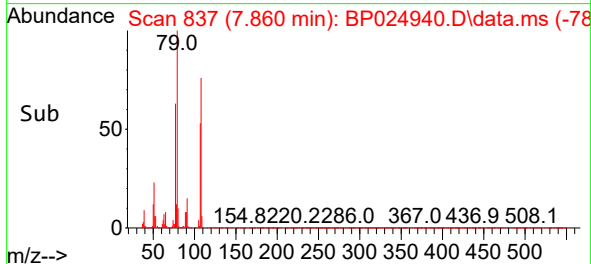
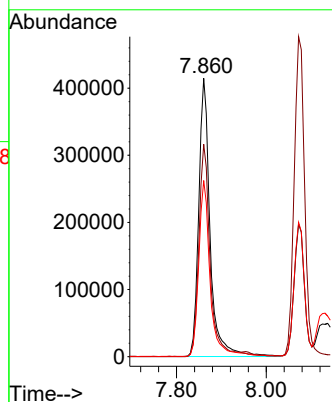
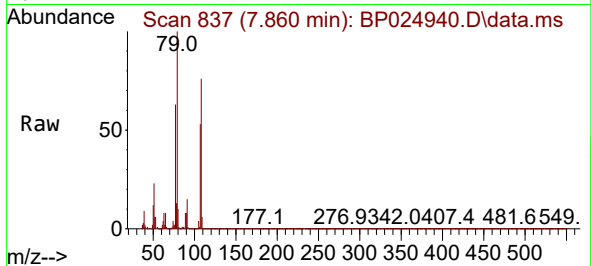




#15
Benzyl Alcohol
Concen: 48.541 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

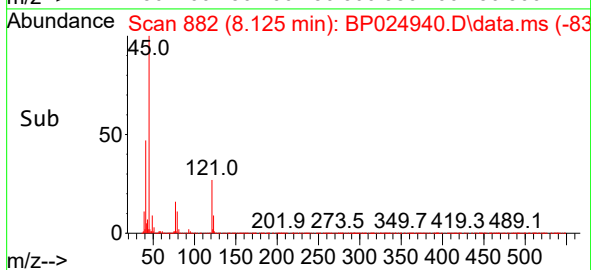
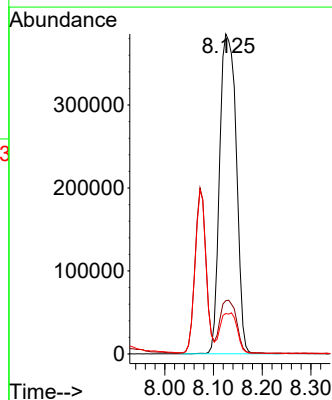
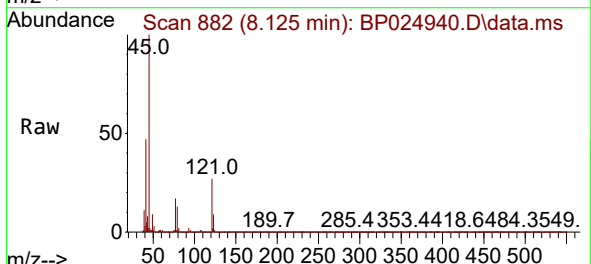
Instrument :
BNA_P
ClientSampleId :
PB168437BS

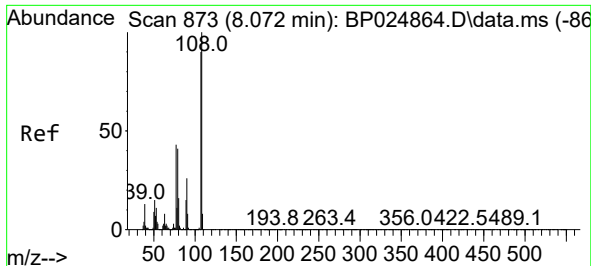
Tgt Ion: 79 Resp: 728541
Ion Ratio Lower Upper
79 100
108 76.3 60.2 90.4
77 63.3 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.166 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 45 Resp: 916606
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.3
79 12.6 0.0 32.2

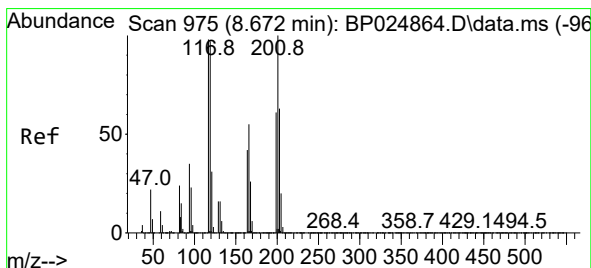
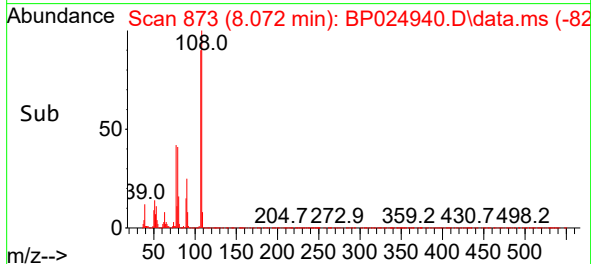
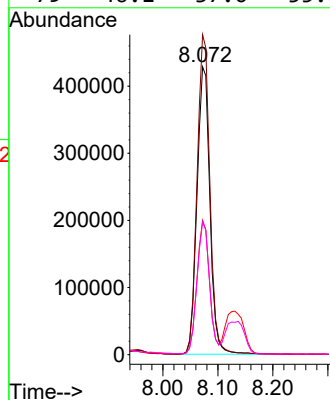
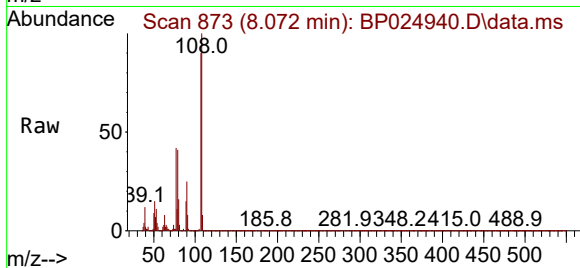




#17
2-Methylphenol
Concen: 49.437 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

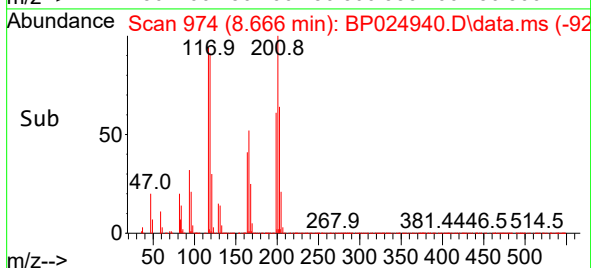
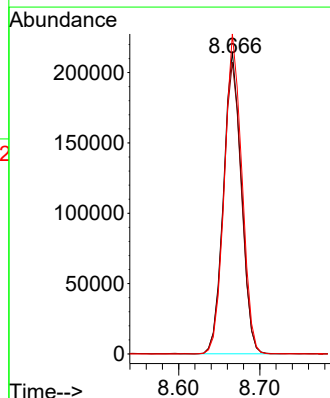
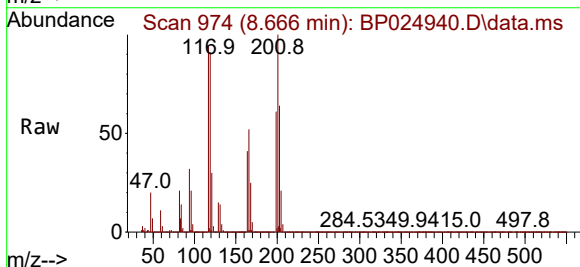
Instrument :
BNA_P
ClientSampleId :
PB168437BS

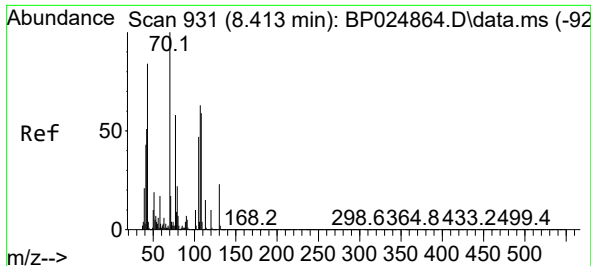
Tgt Ion:	107	Resp:	695985
Ion	Ratio	Lower	Upper
107	100		
108	111.2	88.6	132.8
77	46.7	38.5	57.7
79	46.1	37.0	55.6



#18
Hexachloroethane
Concen: 46.314 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:	117	Resp:	328864
Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.2
201	105.9	81.4	122.2



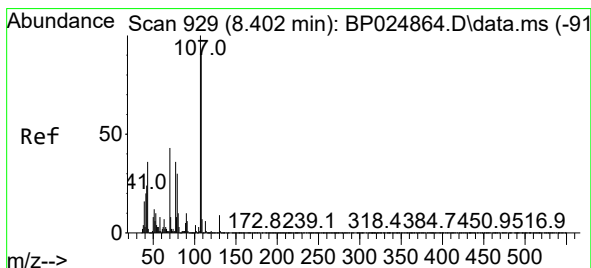
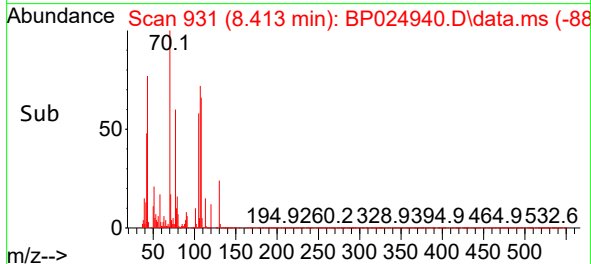
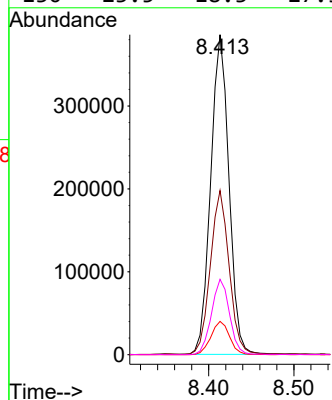
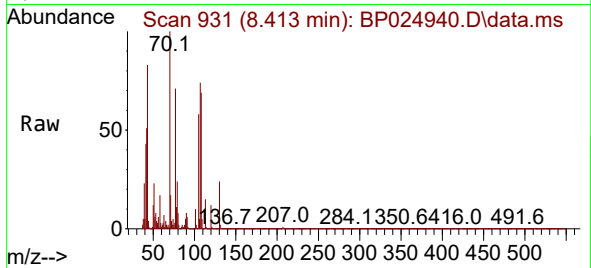


#19
n-Nitroso-di-n-propylamine
Concen: 43.151 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Instrument :
BNA_P
ClientSampleId :
PB168437BS

Tgt Ion: 70 Resp: 573676

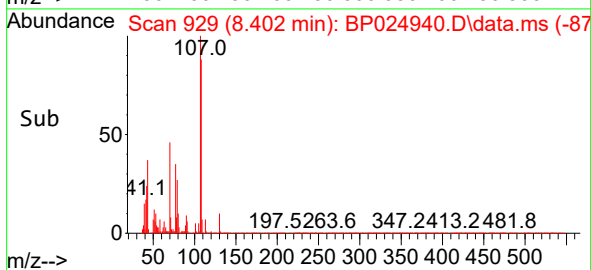
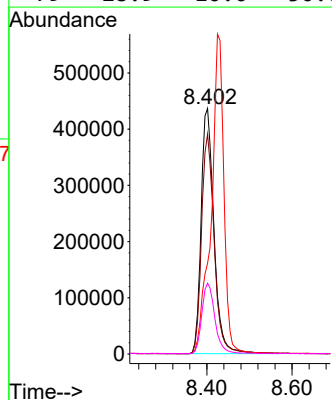
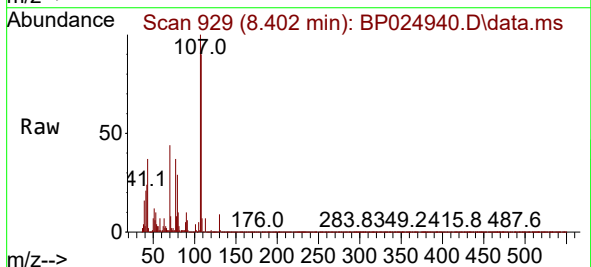
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.2	61.8
101	10.4	8.3	12.5
130	23.5	18.3	27.5

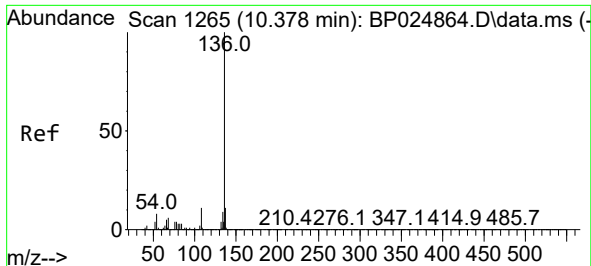


#20
3+4-Methylphenols
Concen: 47.589 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 107 Resp: 914043

Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.7	110.7
77	37.0	16.6	56.6
79	28.9	10.0	50.0

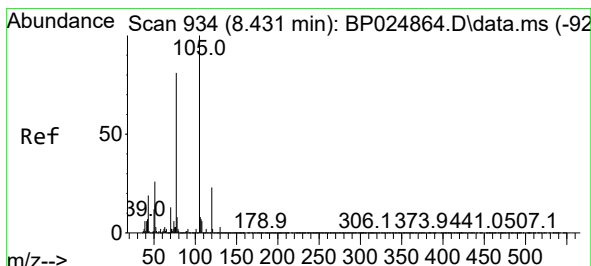
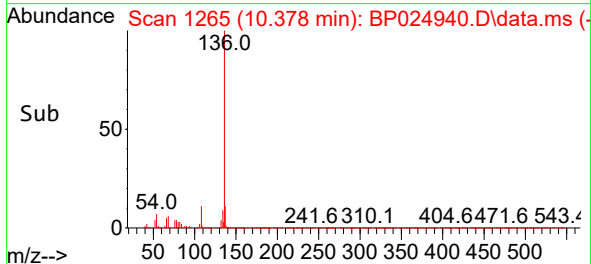
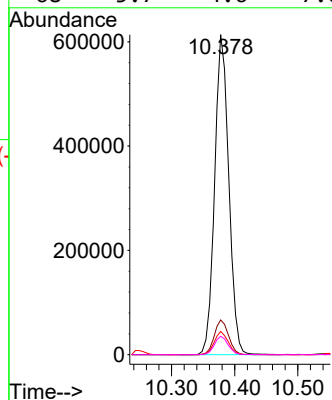
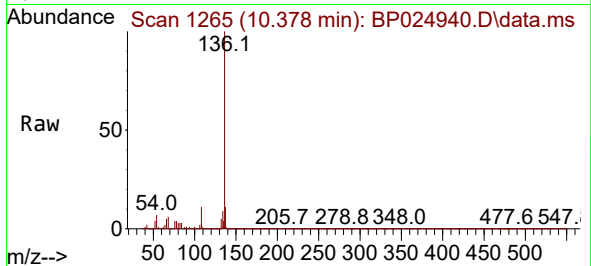




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

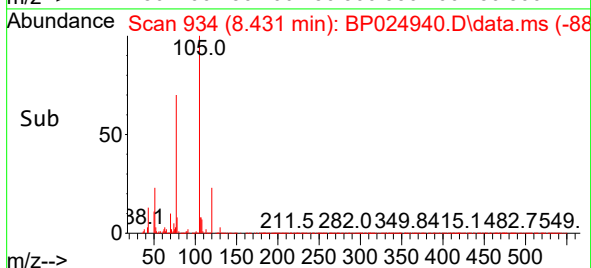
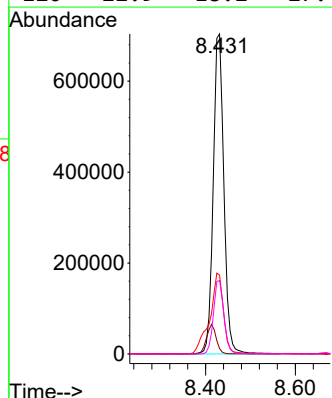
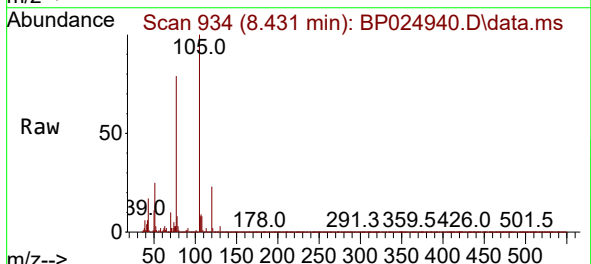
Instrument :
BNA_P
ClientSampleId :
PB168437BS

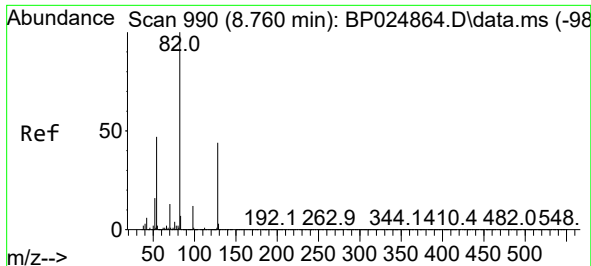
Tgt Ion:	136	Resp:	952206
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.1	9.1
68	5.7	4.6	7.0



#22
Acetophenone
Concen: 48.171 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:	105	Resp:	1158893
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.6	2.4
51	24.6	20.6	31.0
120	22.9	18.2	27.4

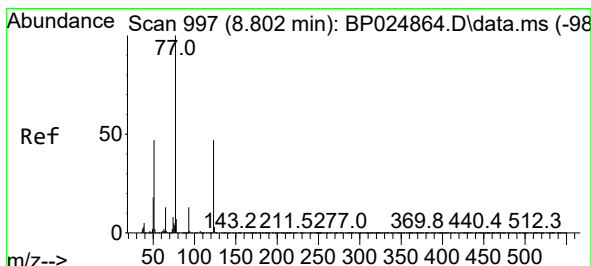
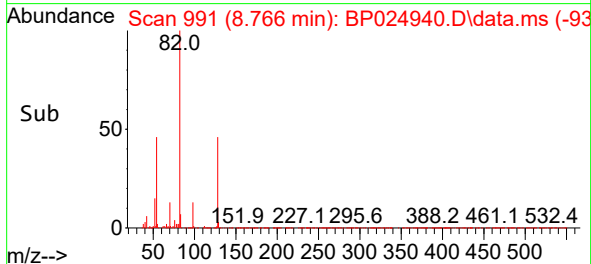
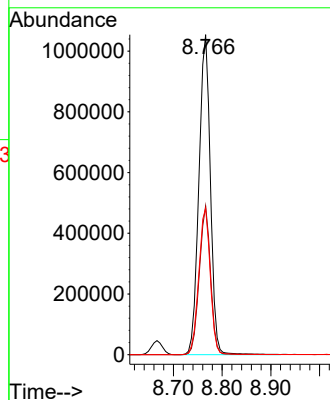
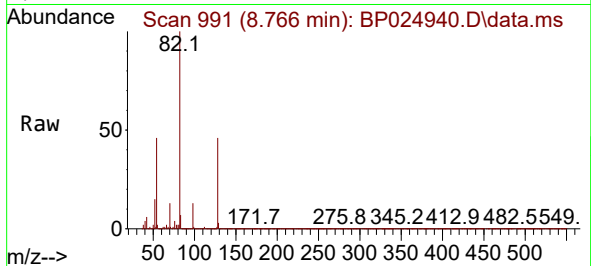




#23
Nitrobenzene-d5
Concen: 88.284 ng
RT: 8.766 min Scan# 991
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

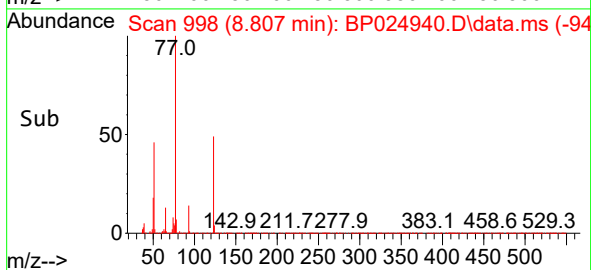
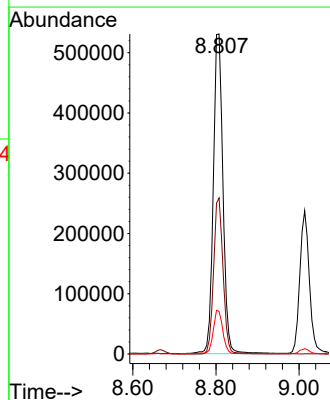
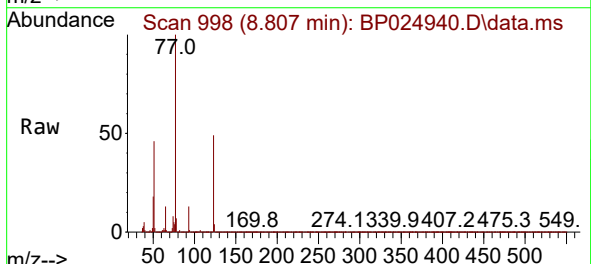
Instrument :
BNA_P
ClientSampleId :
PB168437BS

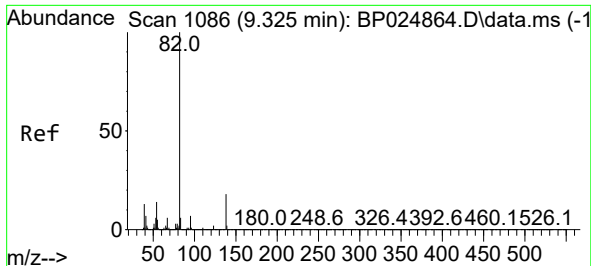
Tgt Ion: 82 Resp: 1729980
Ion Ratio Lower Upper
82 100
128 46.5 35.3 52.9
54 45.8 37.4 56.0



#24
Nitrobenzene
Concen: 49.024 ng
RT: 8.807 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 77 Resp: 853422
Ion Ratio Lower Upper
77 100
123 48.8 37.3 55.9
65 13.3 10.8 16.2

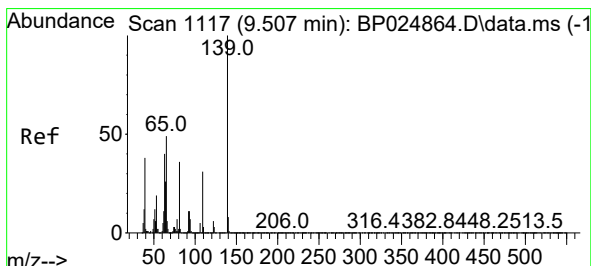
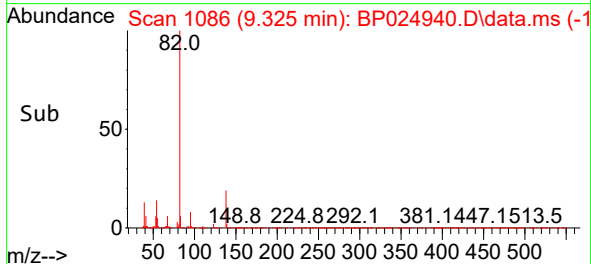
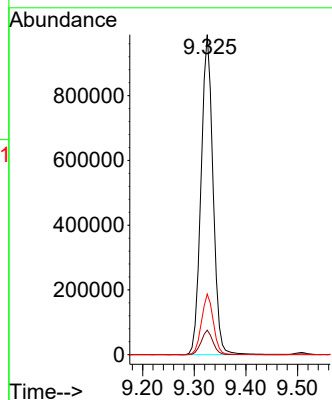
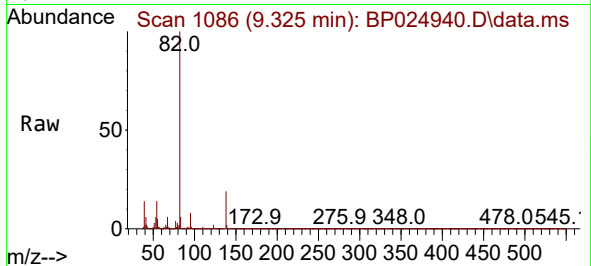




#25
Isophorone
Concen: 46.753 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

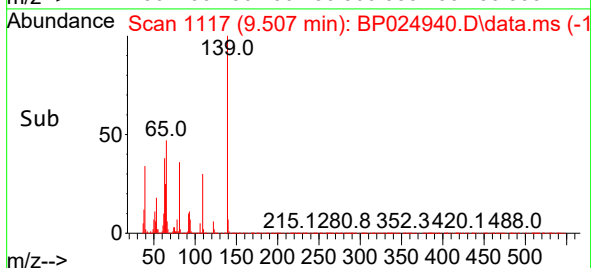
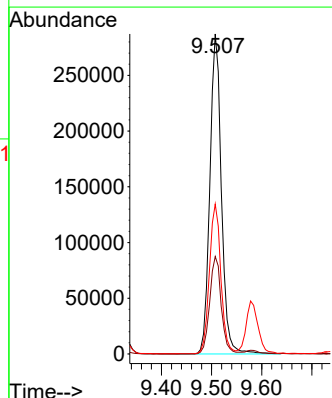
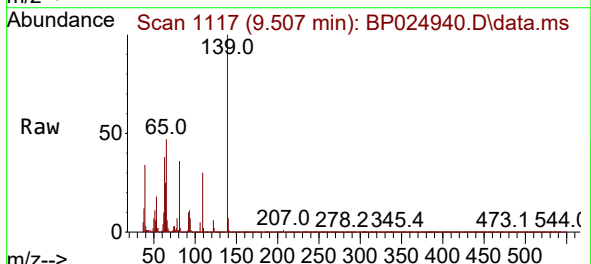
Instrument :
BNA_P
ClientSampleId :
PB168437BS

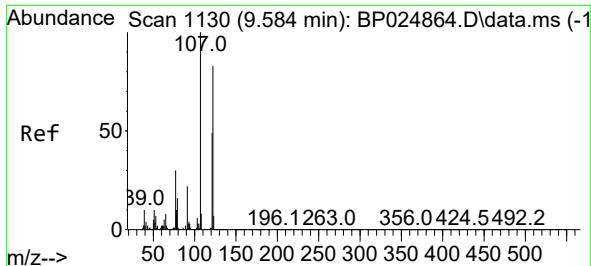
Tgt Ion: 82 Resp: 1587798
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 19.0 14.6 21.8



#26
2-Nitrophenol
Concen: 53.535 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 139 Resp: 459829
Ion Ratio Lower Upper
139 100
109 30.5 24.6 37.0
65 46.9 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 52.054 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

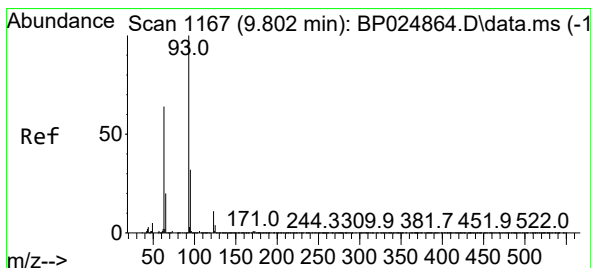
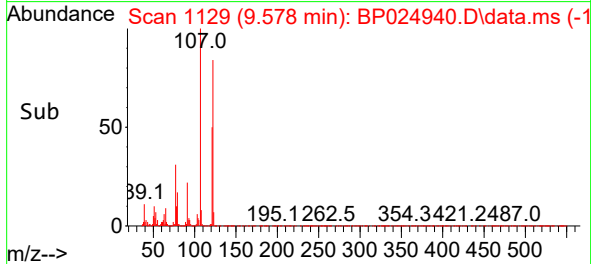
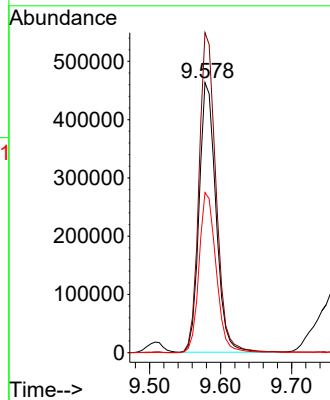
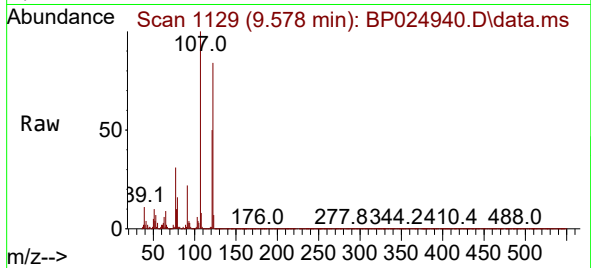
Tgt Ion:122 Resp: 765212

Ion Ratio Lower Upper

122 100

107 118.5 96.2 144.4

121 59.3 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 48.349 ng

RT: 9.801 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

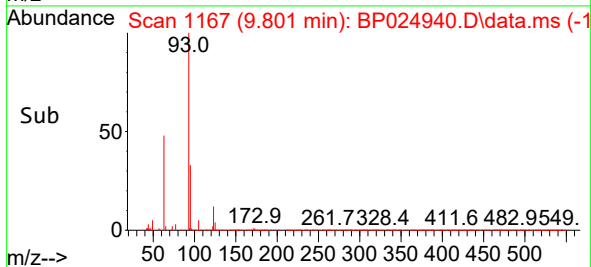
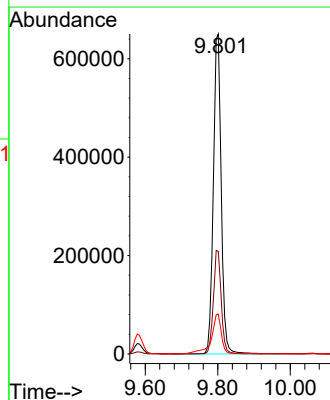
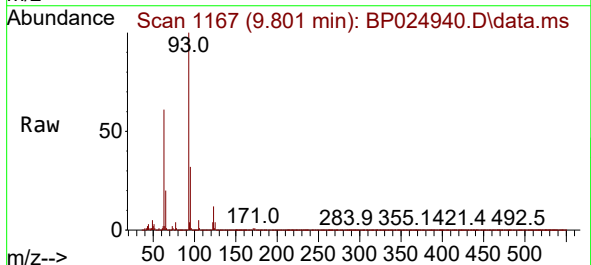
Tgt Ion: 93 Resp: 979464

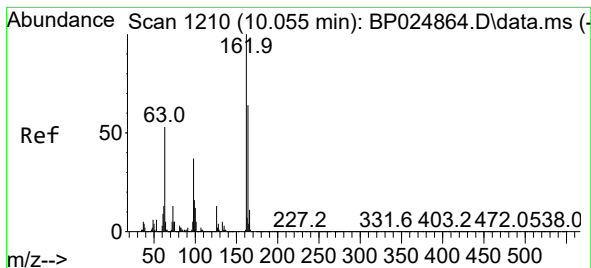
Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

123 12.5 9.2 13.8

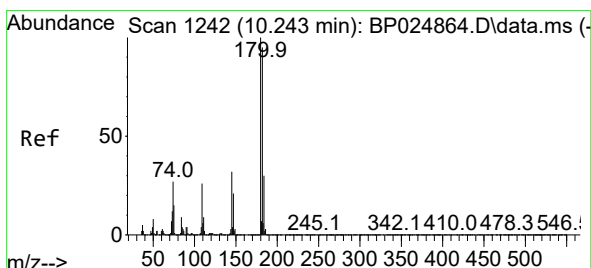
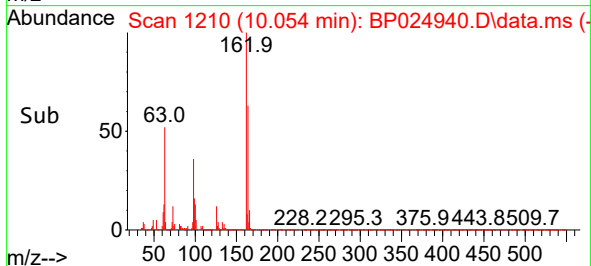
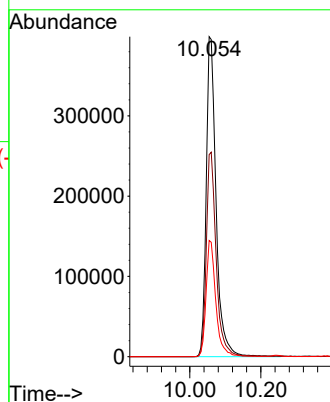
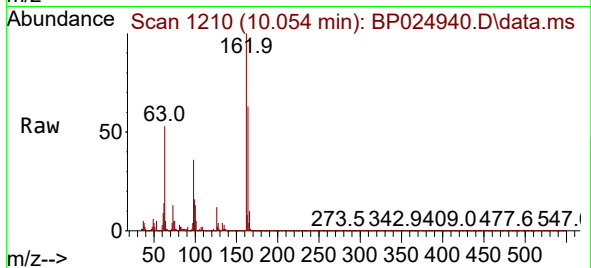




#29
2,4-Dichlorophenol
Concen: 54.700 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

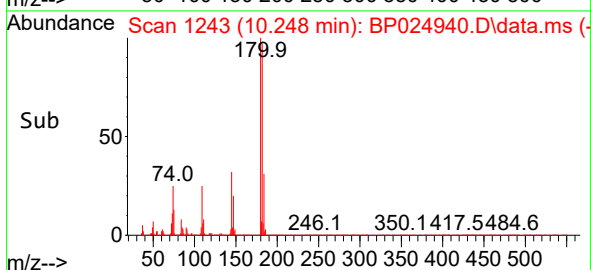
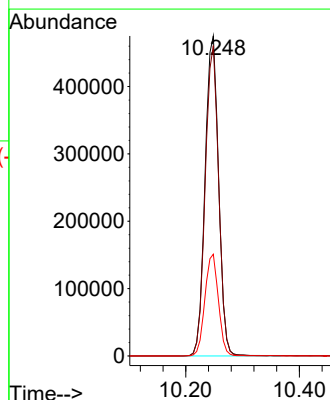
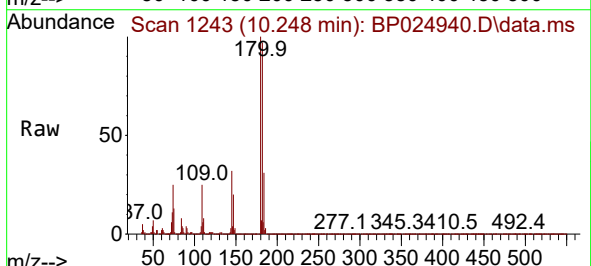
Instrument :
BNA_P
ClientSampleId :
PB168437BS

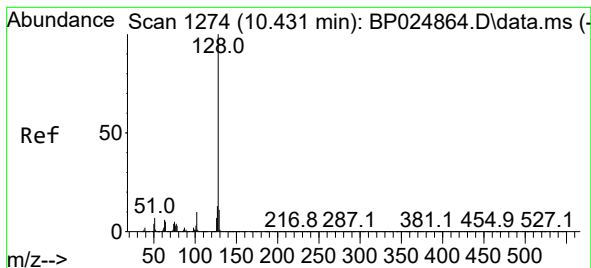
Tgt Ion:162 Resp: 771538
Ion Ratio Lower Upper
162 100
164 63.2 44.0 84.0
98 36.3 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 49.240 ng
RT: 10.248 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:180 Resp: 783356
Ion Ratio Lower Upper
180 100
182 97.0 75.8 113.6
145 31.8 25.7 38.5

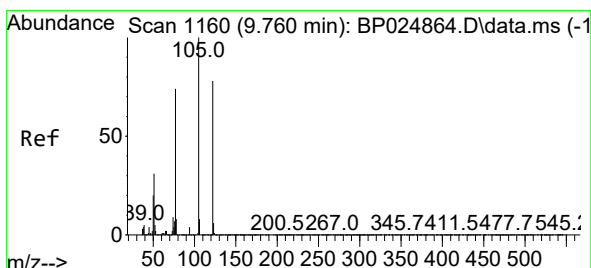
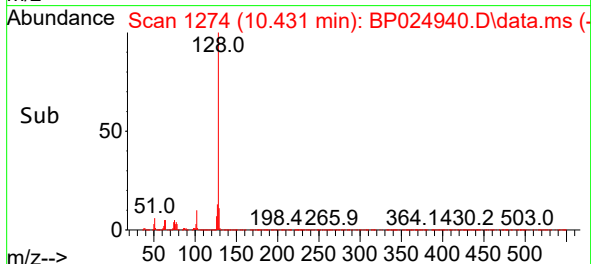
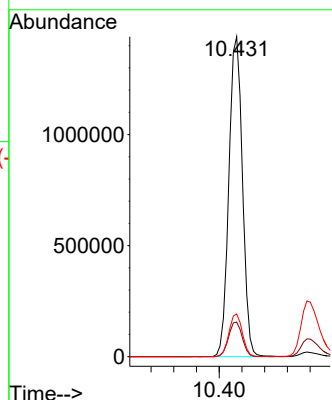
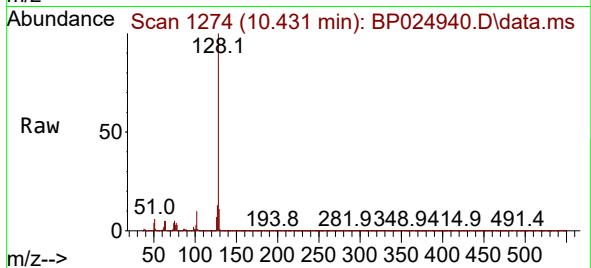




#31
Naphthalene
Concen: 49.069 ng
RT: 10.431 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

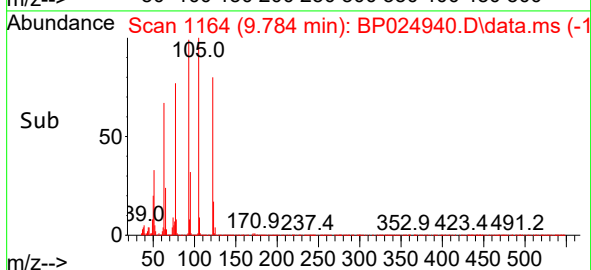
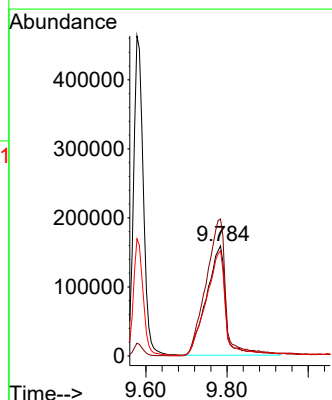
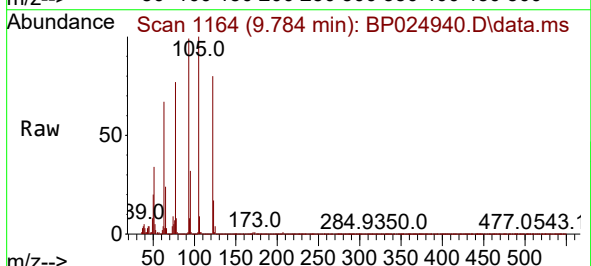
Instrument :
BNA_P
ClientSampleId :
PB168437BS

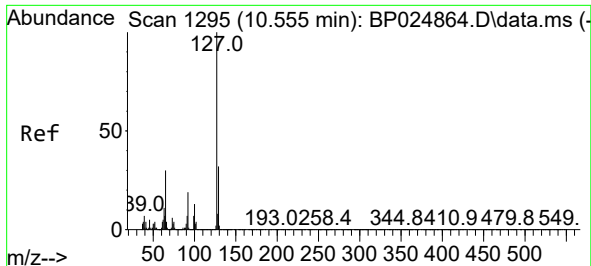
Tgt Ion:128 Resp: 2394432
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 52.767 ng
RT: 9.784 min Scan# 1164
Delta R.T. 0.023 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:122 Resp: 524179
Ion Ratio Lower Upper
122 100
105 124.4 107.1 147.1
77 95.5 75.1 115.1

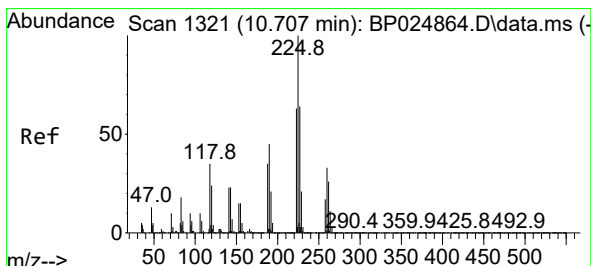
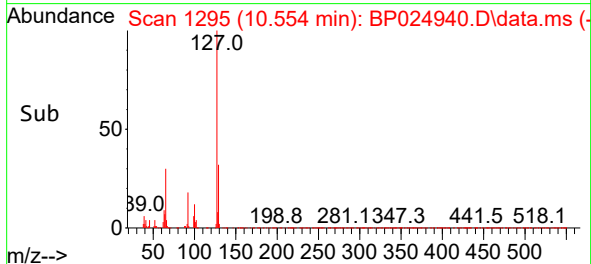
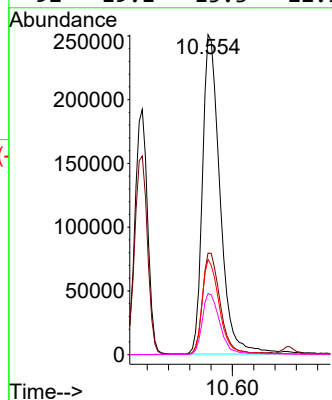
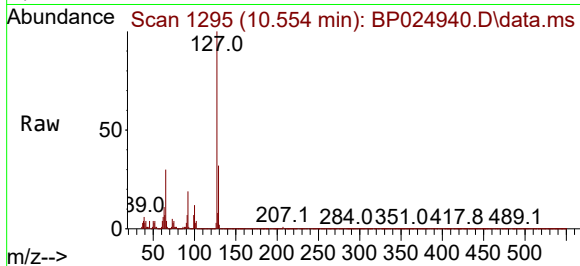




#33
4-Chloroaniline
Concen: 28.043 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

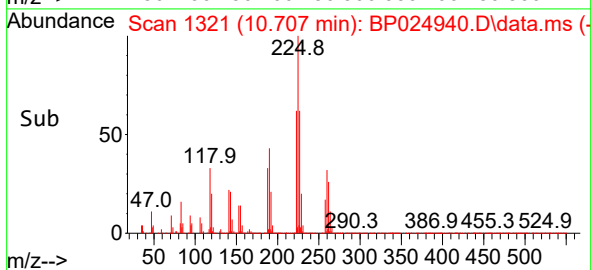
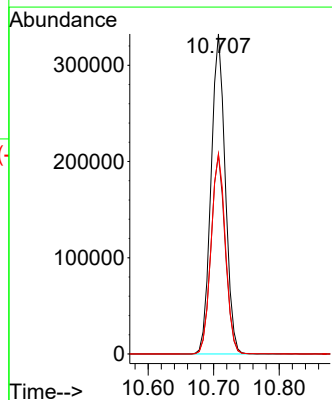
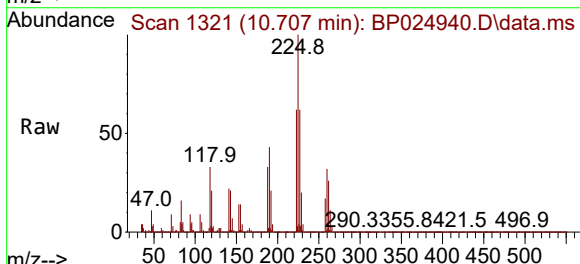
Instrument :
BNA_P
ClientSampleId :
PB168437BS

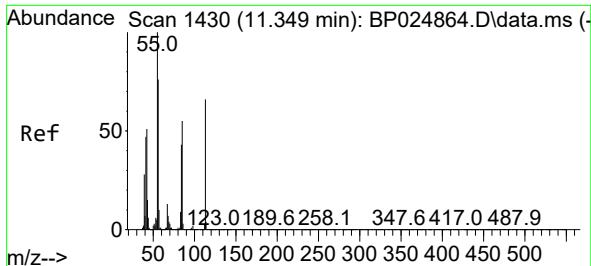
Tgt Ion:	127	Resp:	573311
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	29.8	23.9	35.9
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 52.072 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:	225	Resp:	499296
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.5	75.7
227	62.5	51.4	77.2

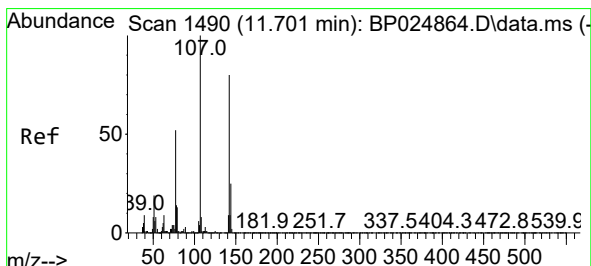
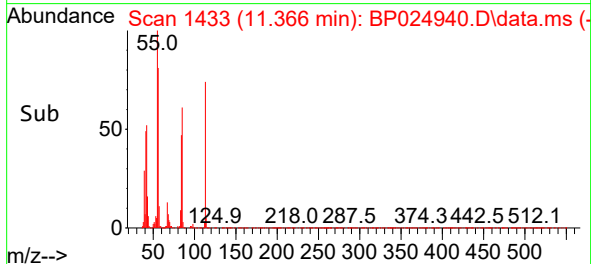
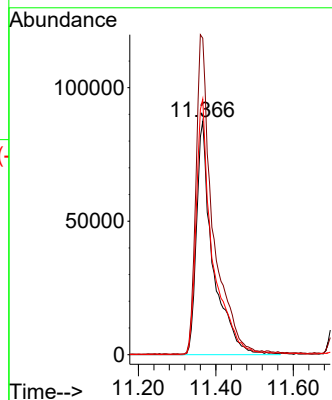
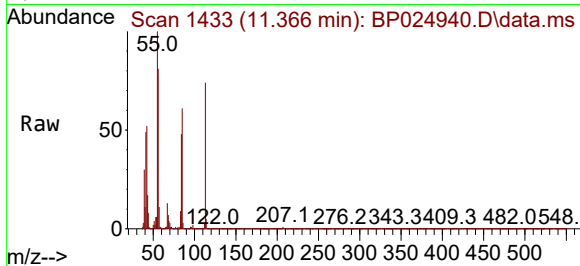




#35
Caprolactam
Concen: 49.095 ng
RT: 11.366 min Scan# 1433
Delta R.T. 0.017 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

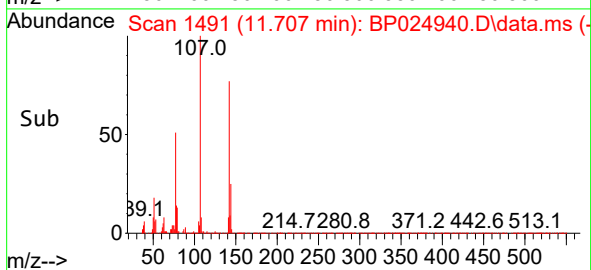
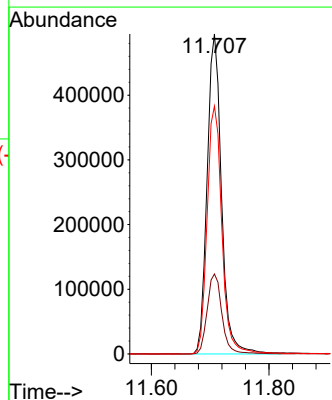
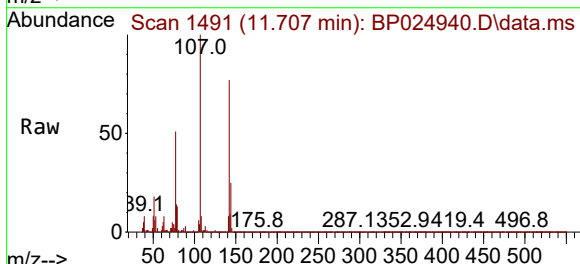
Instrument :
BNA_P
ClientSampleId :
PB168437BS

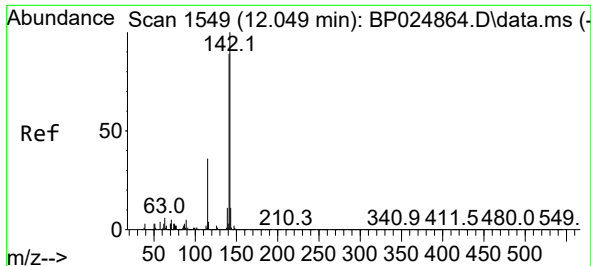
Tgt Ion:113 Resp: 254901
Ion Ratio Lower Upper
113 100
55 135.7 132.5 172.5
56 109.6 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 51.541 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:107 Resp: 838521
Ion Ratio Lower Upper
107 100
144 25.0 20.4 30.6
142 77.5 63.8 95.6

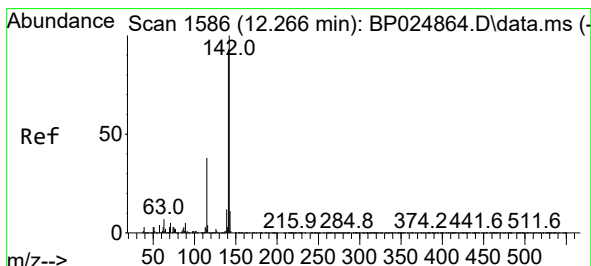
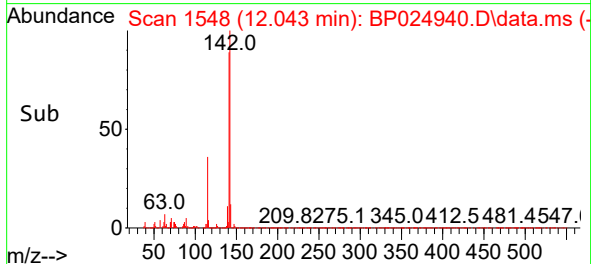
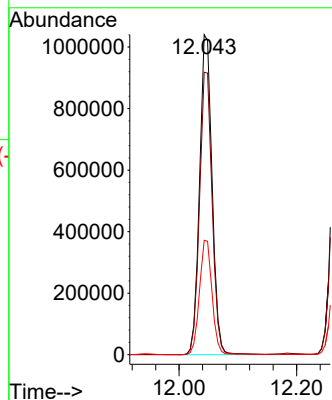
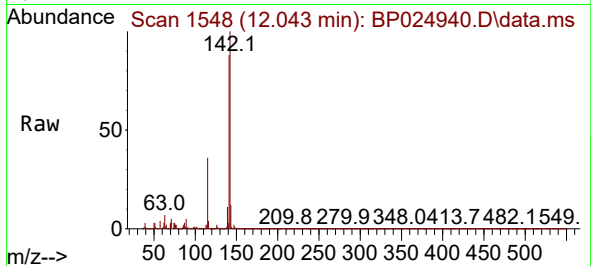




#37
2-Methylnaphthalene
Concen: 49.737 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

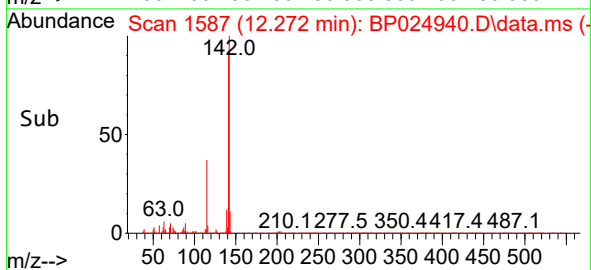
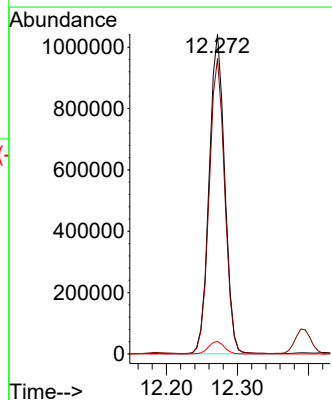
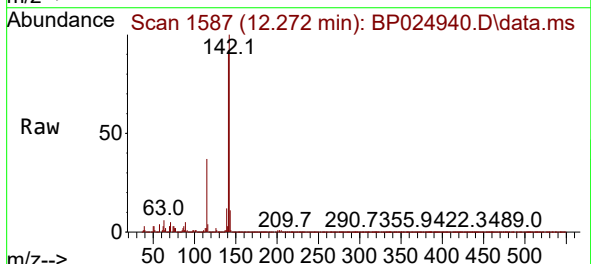
Instrument :
BNA_P
ClientSampleId :
PB168437BS

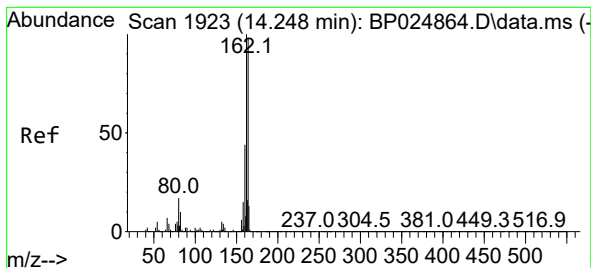
Tgt Ion:142 Resp: 1539502
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8
115 35.8 28.5 42.7



#38
1-Methylnaphthalene
Concen: 47.895 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:142 Resp: 1584951
Ion Ratio Lower Upper
142 100
141 92.3 74.7 112.1
116 3.9 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: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

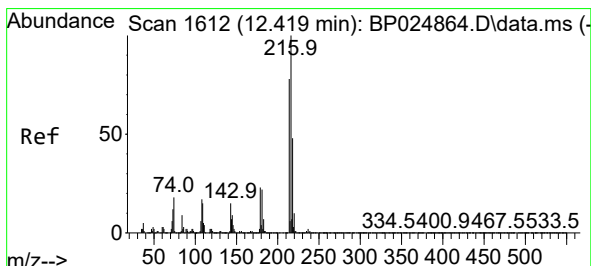
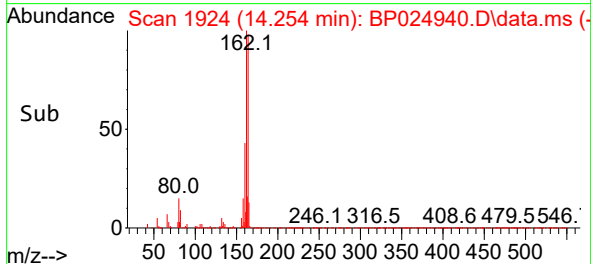
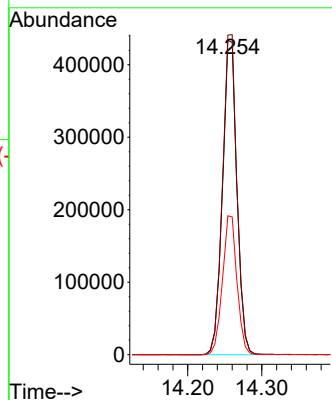
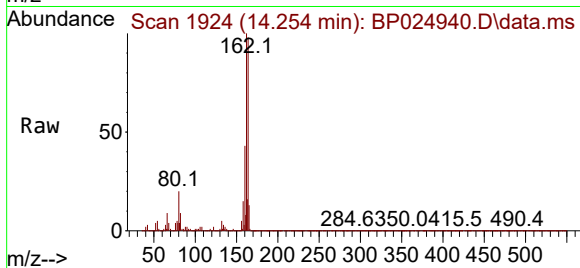
Tgt Ion:164 Resp: 584764

Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

160 44.2 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.630 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Tgt Ion:216 Resp: 873290

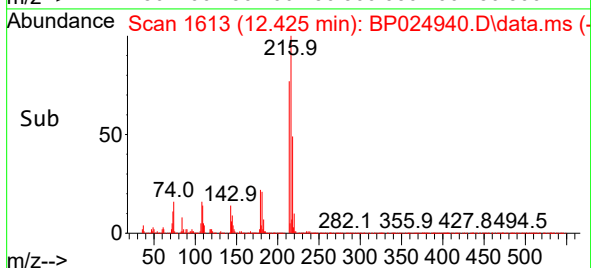
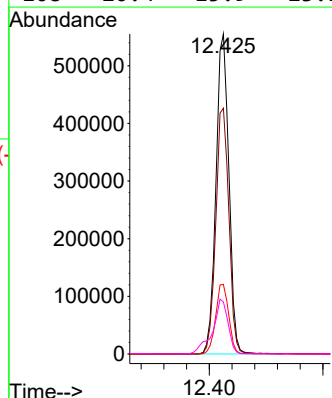
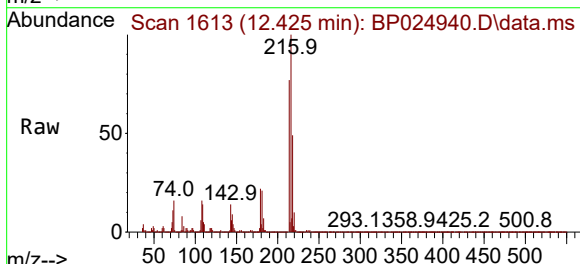
Ion Ratio Lower Upper

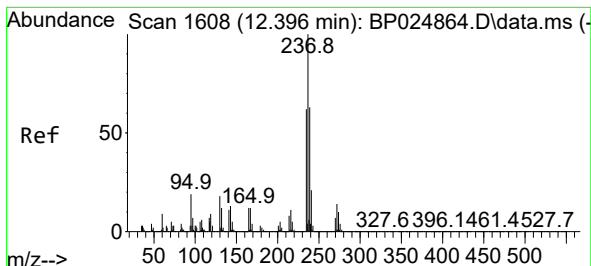
216 100

214 78.1 63.0 94.4

179 22.0 17.8 26.6

108 20.4 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 105.387 ng

RT: 12.395 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

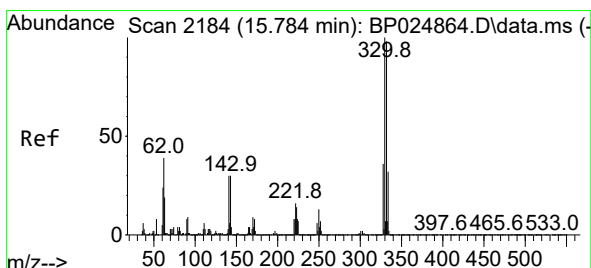
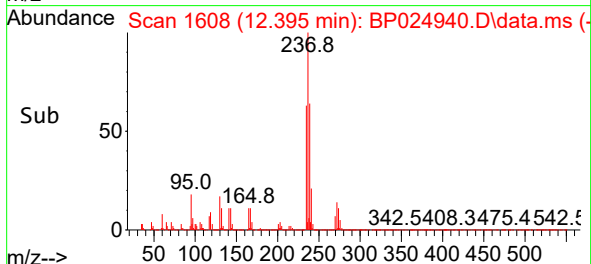
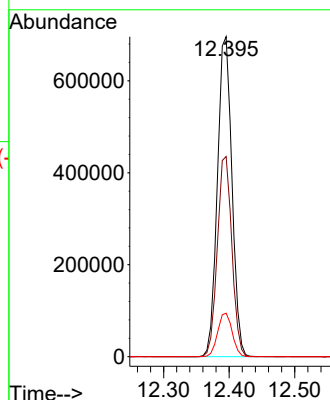
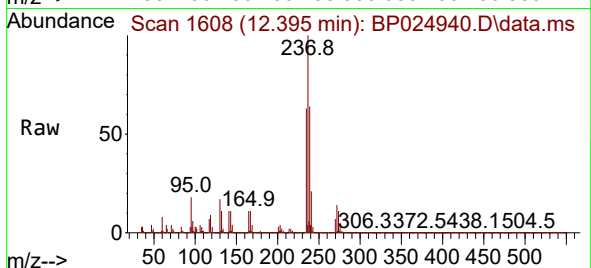
Tgt Ion:237 Resp: 1066581

Ion Ratio Lower Upper

237 100

235 62.6 41.9 81.9

272 13.6 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 163.428 ng

RT: 15.795 min Scan# 2186

Delta R.T. 0.012 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

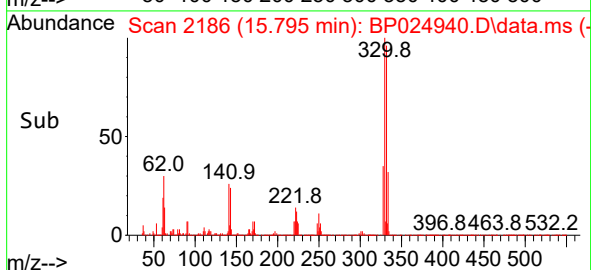
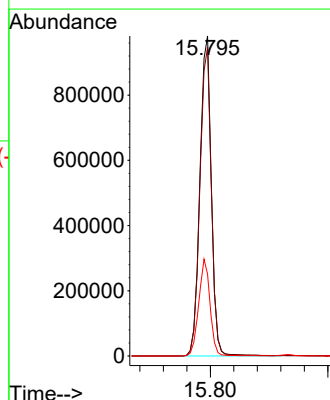
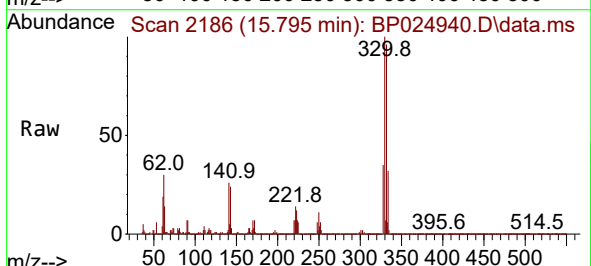
Tgt Ion:330 Resp: 1321261

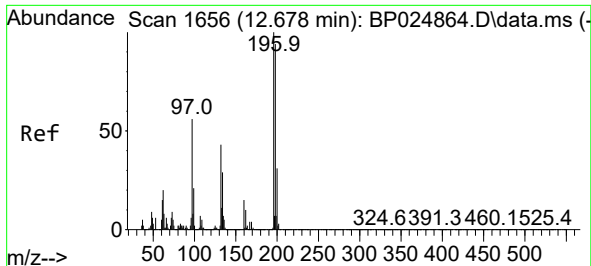
Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 30.0 26.4 39.6

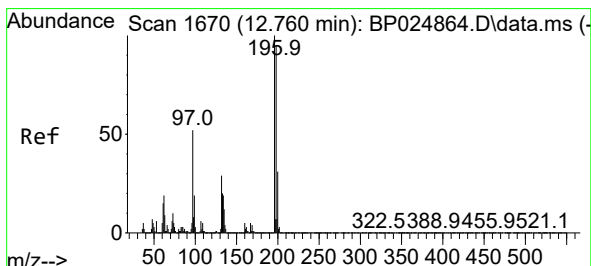
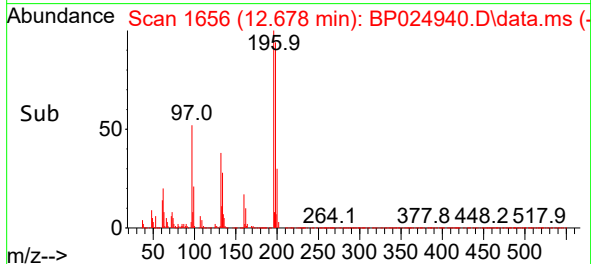
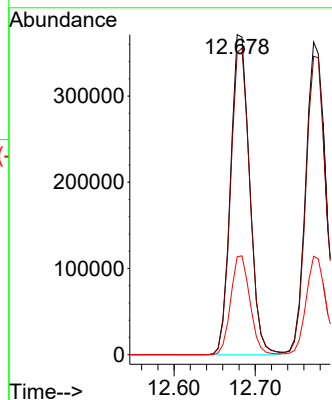
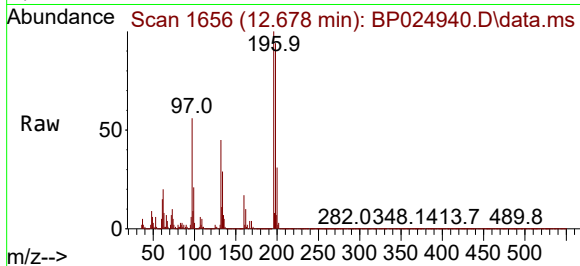




#43
2,4,6-Trichlorophenol
Concen: 54.219 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

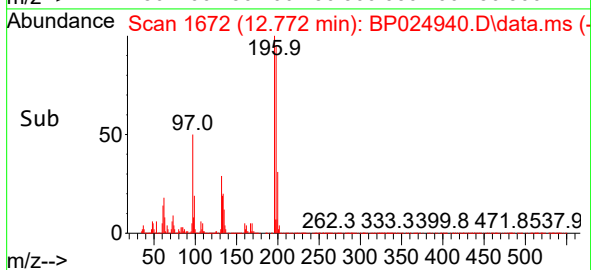
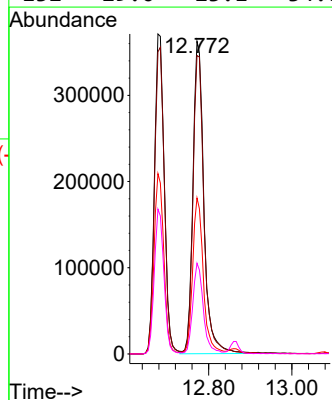
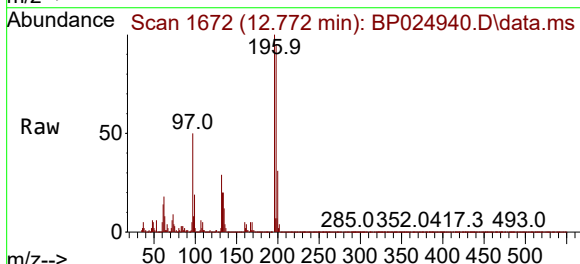
Instrument :
BNA_P
ClientSampleId :
PB168437BS

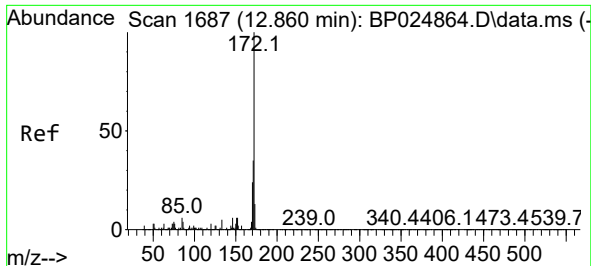
Tgt Ion:196 Resp: 604180
Ion Ratio Lower Upper
196 100
198 94.4 75.4 113.0
200 30.6 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 56.000 ng
RT: 12.772 min Scan# 1672
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:196 Resp: 668292
Ion Ratio Lower Upper
196 100
198 95.4 76.0 114.0
97 49.9 41.5 62.3
132 29.0 23.1 34.7

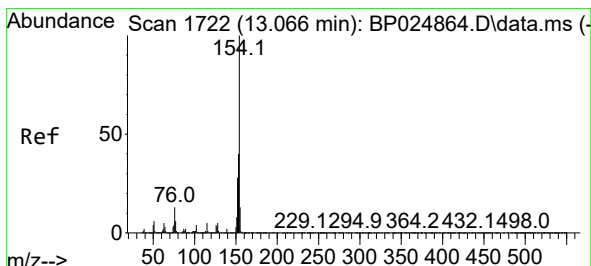
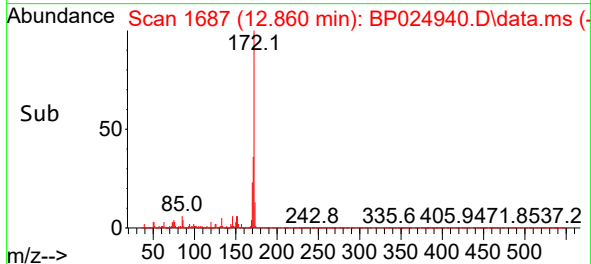
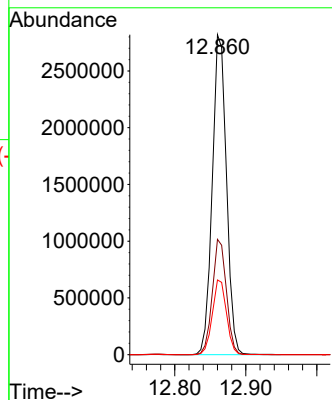
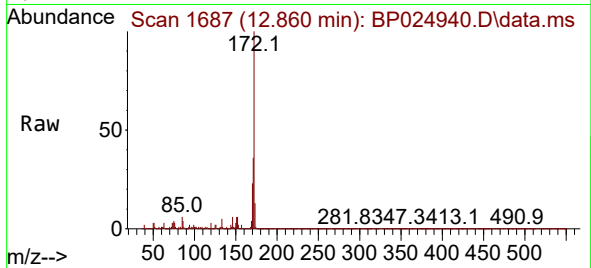




#45
2-Fluorobiphenyl
Concen: 90.068 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

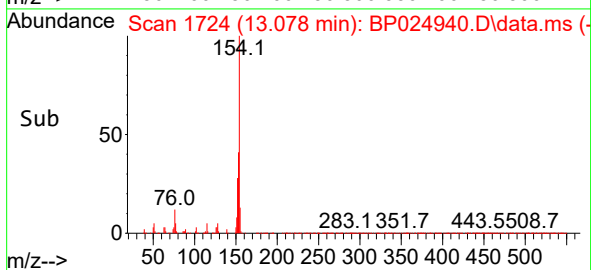
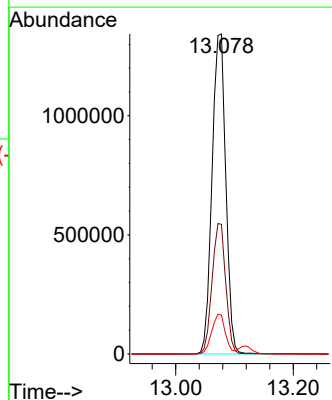
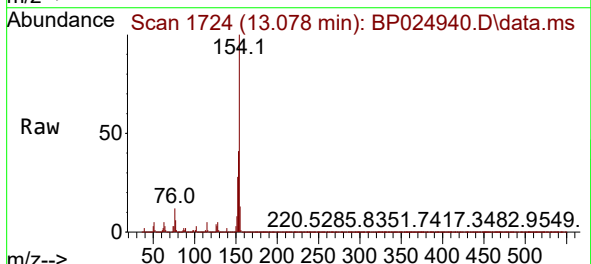
Instrument :
BNA_P
ClientSampleId :
PB168437BS

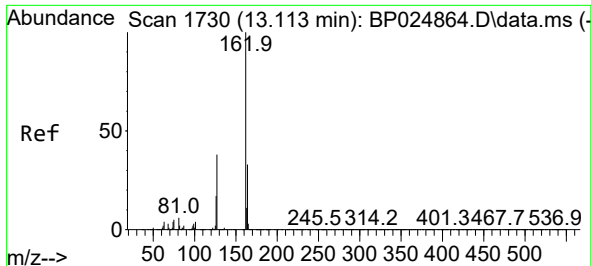
Tgt Ion:172 Resp: 3909725
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.199 ng
RT: 13.078 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:154 Resp: 2175779
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.2 0.0 33.0

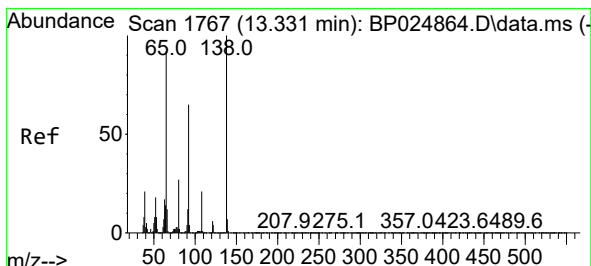
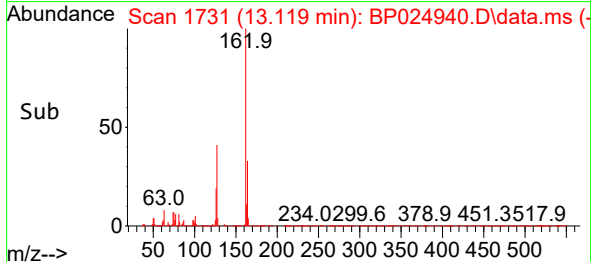
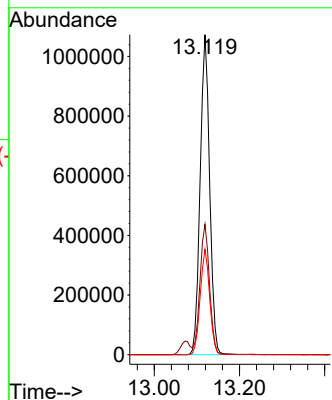
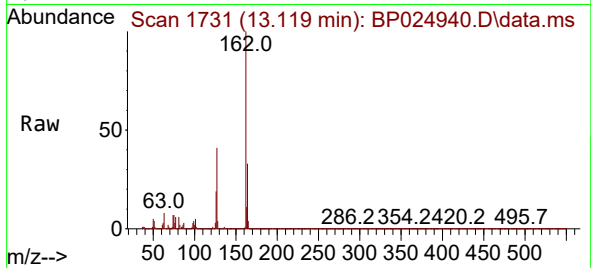




#47
2-Chloronaphthalene
Concen: 50.784 ng
RT: 13.119 min Scan# 1731
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

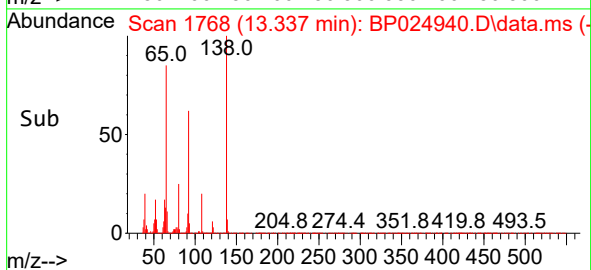
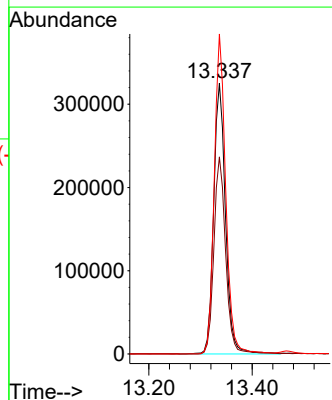
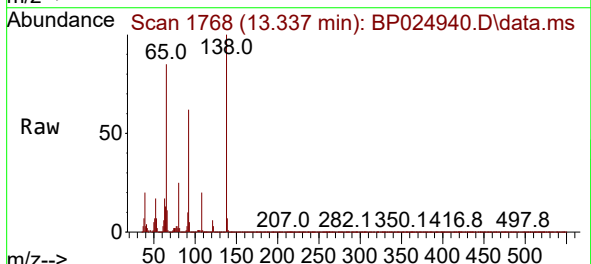
Instrument :
BNA_P
ClientSampleId :
PB168437BS

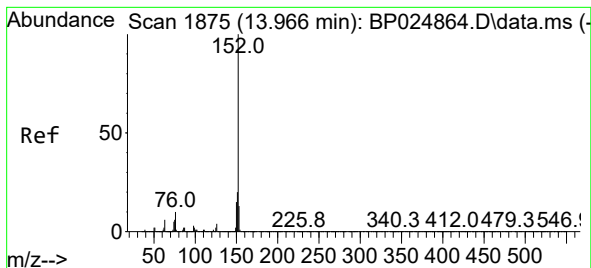
Tgt Ion:162 Resp: 1658680
Ion Ratio Lower Upper
162 100
127 40.8 32.5 48.7
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 51.559 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 65 Resp: 517720
Ion Ratio Lower Upper
65 100
92 72.8 56.8 85.2
138 118.2 86.9 130.3





#49

Acenaphthylene

Concen: 50.122 ng

RT: 13.978 min Scan# 1877

Delta R.T. 0.012 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

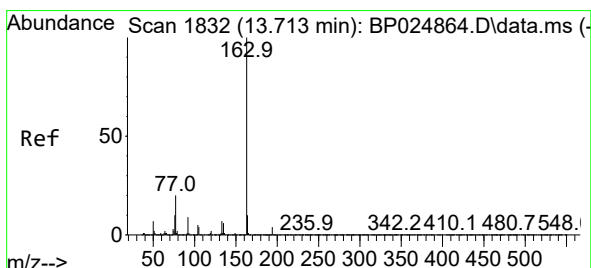
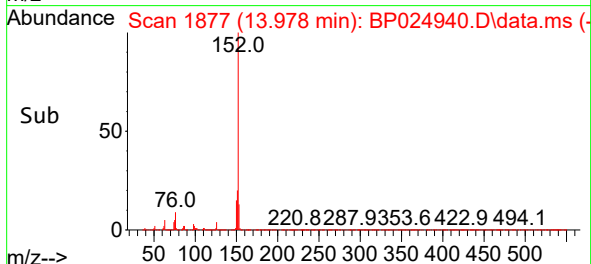
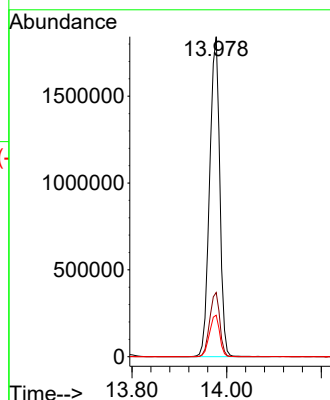
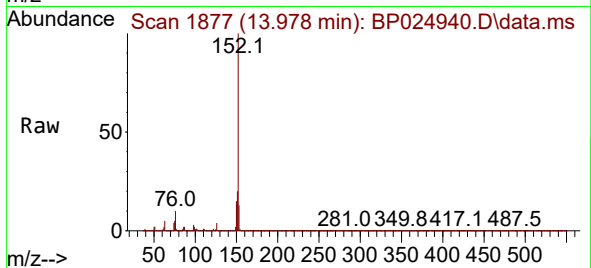
Tgt Ion:152 Resp: 2729587

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 50.292 ng

RT: 13.719 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

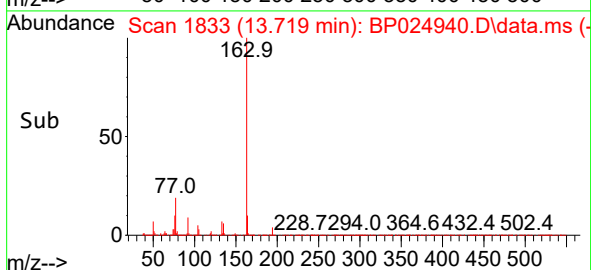
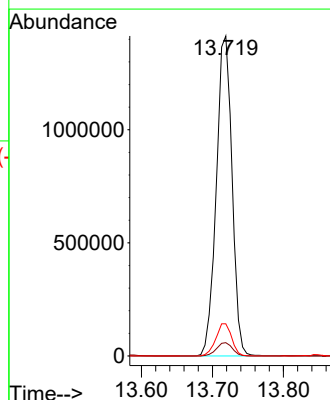
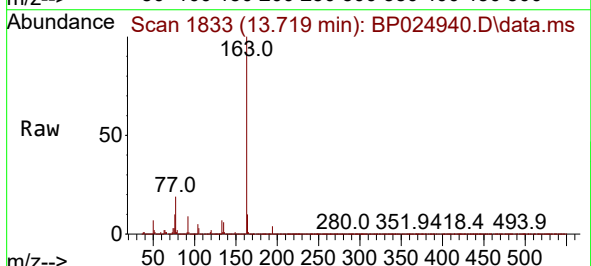
Tgt Ion:163 Resp: 2169457

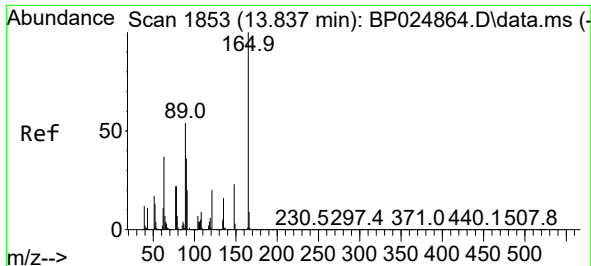
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.0 12.0

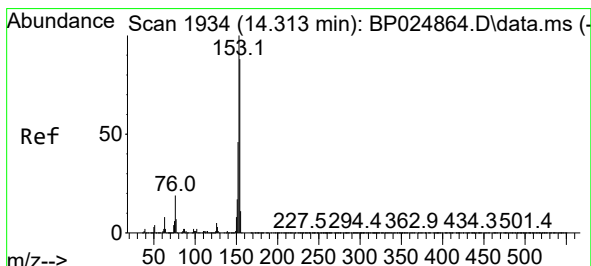
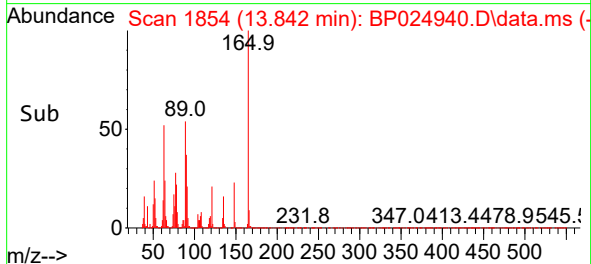
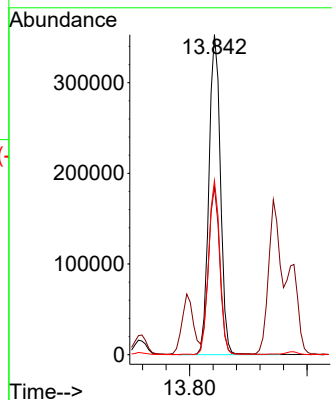
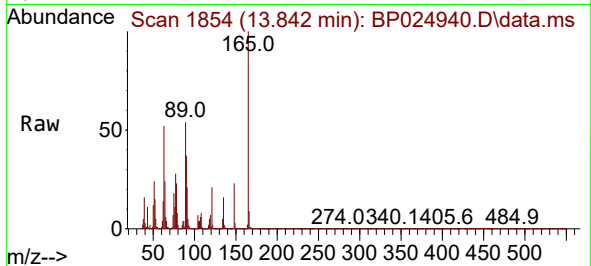




#51
2,6-Dinitrotoluene
Concen: 51.299 ng
RT: 13.842 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

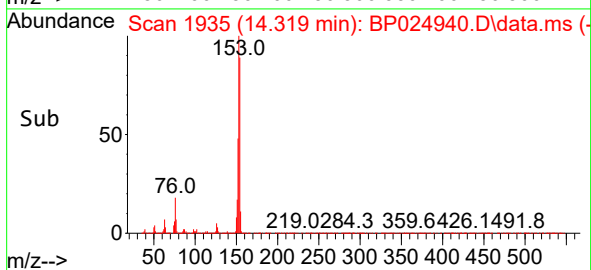
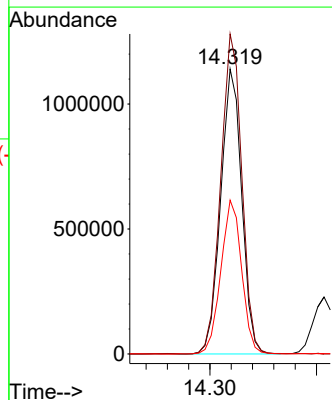
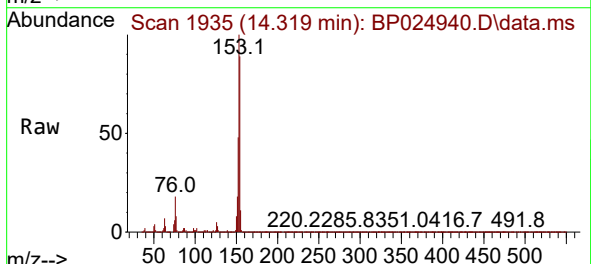
Instrument :
BNA_P
ClientSampleId :
PB168437BS

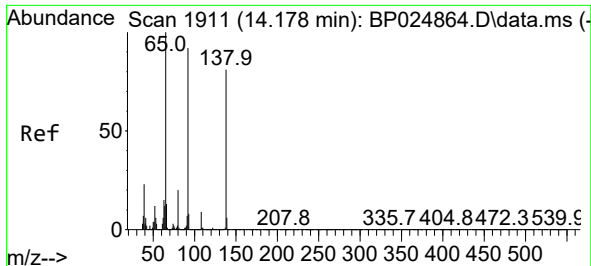
Tgt Ion:165 Resp: 477054
Ion Ratio Lower Upper
165 100
63 52.5 41.8 62.8
89 54.4 43.1 64.7



#52
Acenaphthene
Concen: 49.970 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:154 Resp: 1559389
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 53.9 42.1 63.1

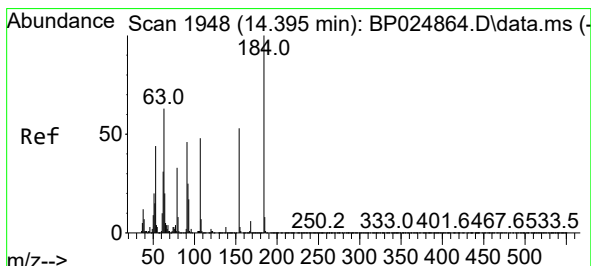
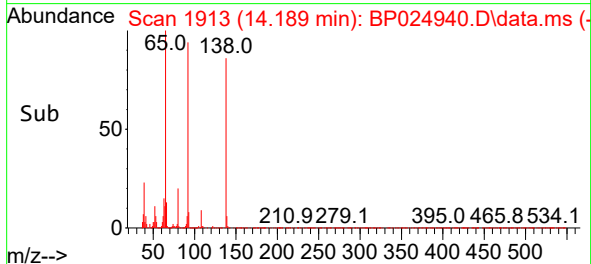
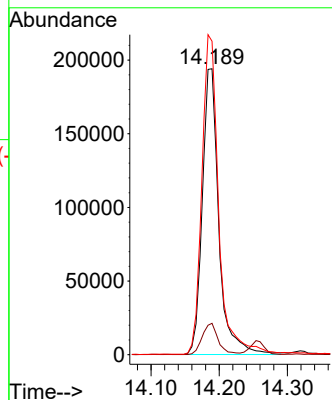
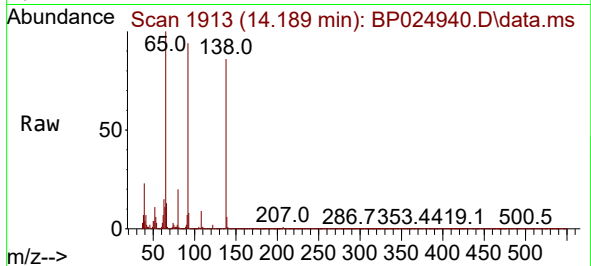




#53
3-Nitroaniline
Concen: 33.909 ng
RT: 14.189 min Scan# 1911
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

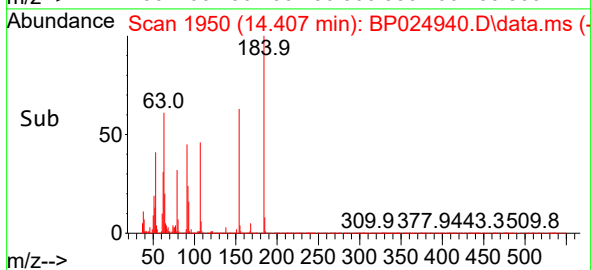
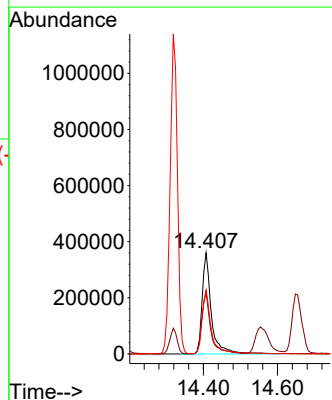
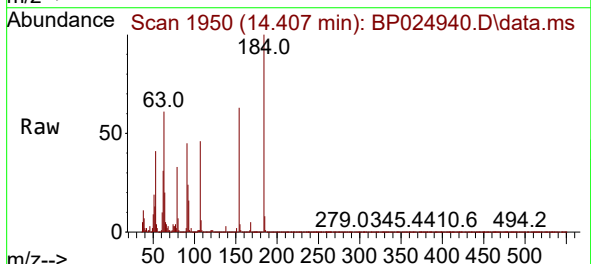
Instrument :
BNA_P
ClientSampleId :
PB168437BS

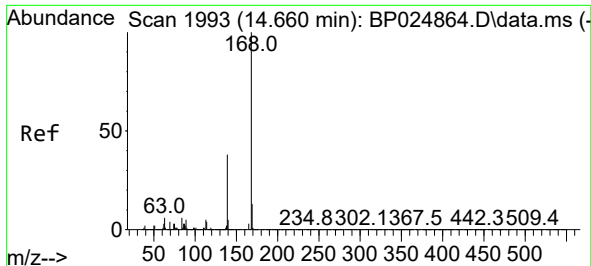
Tgt Ion:138 Resp: 327242
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 109.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 101.049 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:184 Resp: 621423
Ion Ratio Lower Upper
184 100
63 60.8 51.0 76.4
154 63.3 51.7 77.5

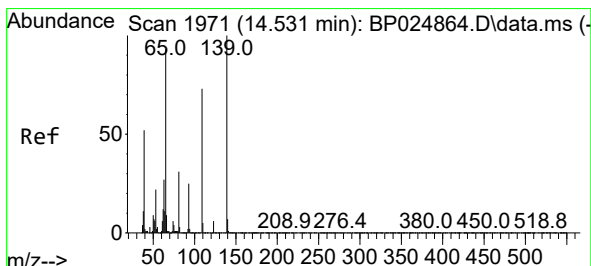
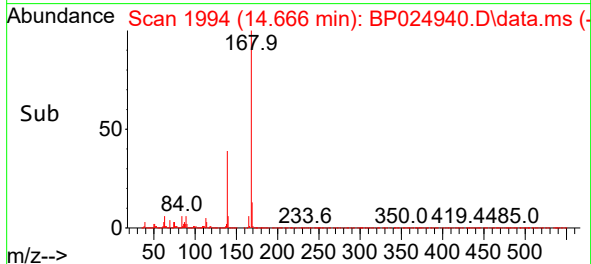
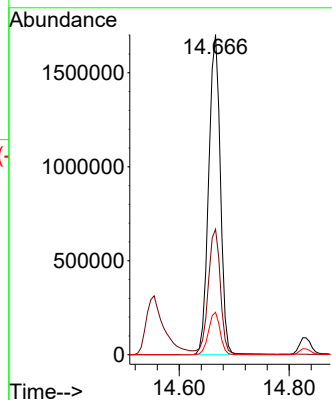
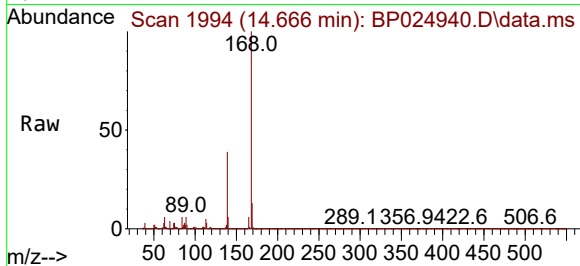




#55
Dibenzenofuran
Concen: 49.865 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

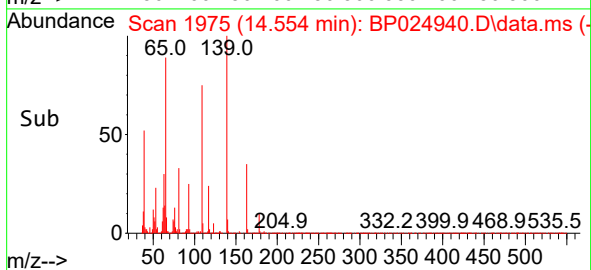
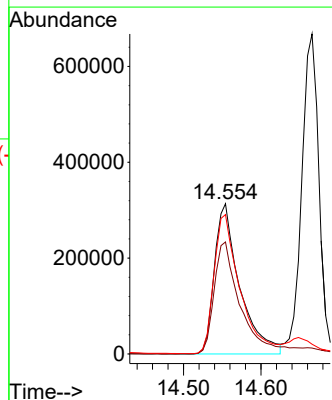
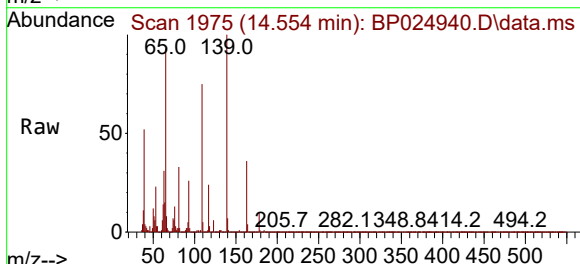
Instrument :
BNA_P
ClientSampleId :
PB168437BS

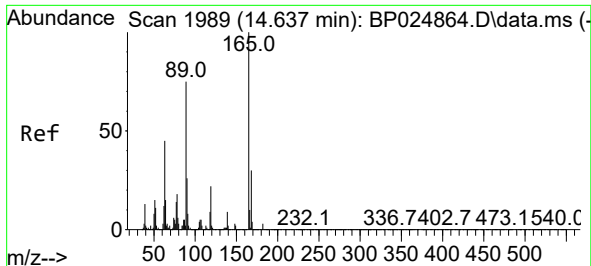
Tgt Ion:168 Resp: 2497892
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 86.598 ng
RT: 14.554 min Scan# 1975
Delta R.T. 0.023 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:139 Resp: 711420
Ion Ratio Lower Upper
139 100
109 74.5 53.1 93.1
65 92.7 73.0 113.0

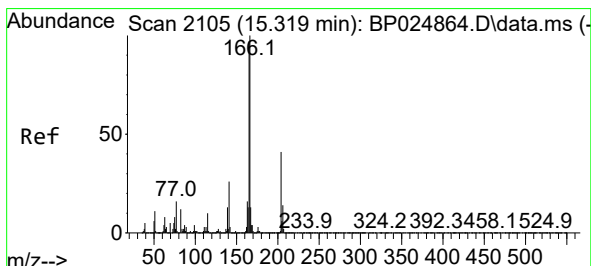
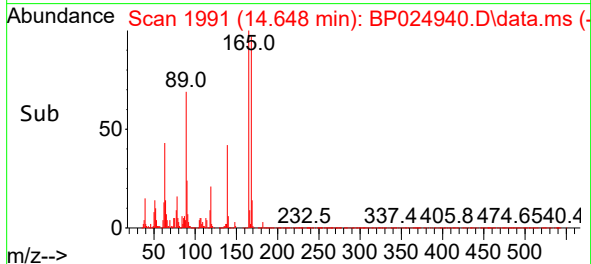
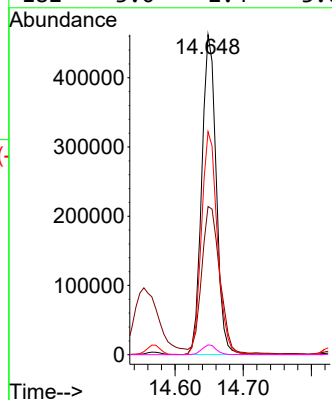
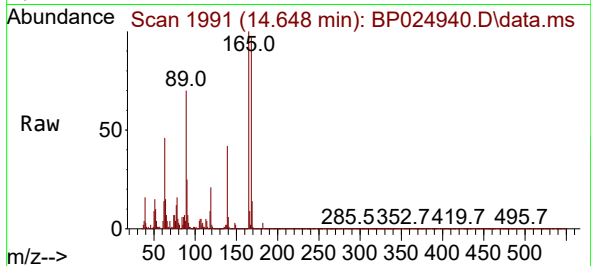




#57
2,4-Dinitrotoluene
Concen: 52.350 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

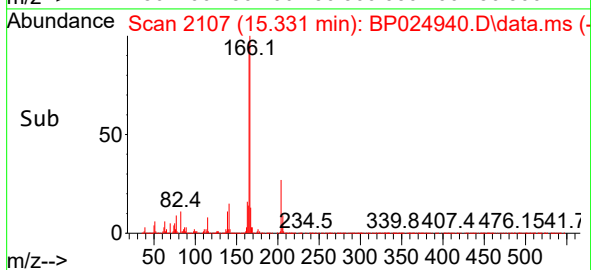
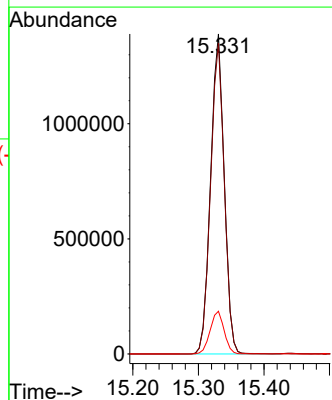
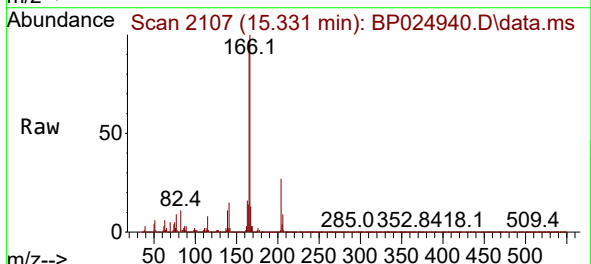
Instrument :
BNA_P
ClientSampleId :
PB168437BS

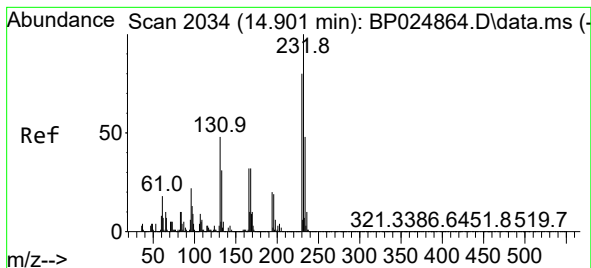
Tgt Ion:165 Resp: 680996
Ion Ratio Lower Upper
165 100
63 46.3 37.0 55.6
89 69.7 60.1 90.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 49.760 ng
RT: 15.331 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:166 Resp: 2013597
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.4 10.6 16.0

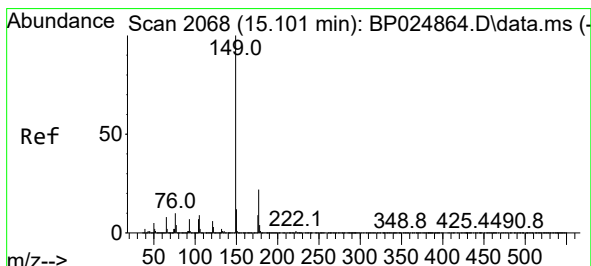
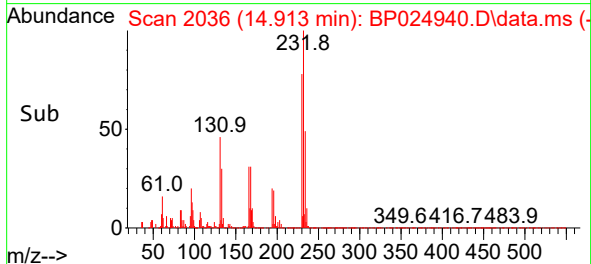
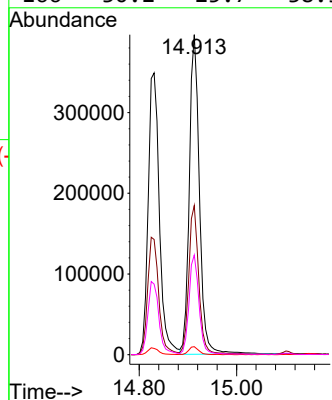
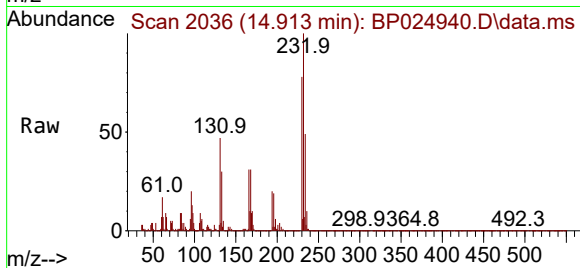




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.528 ng
RT: 14.913 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

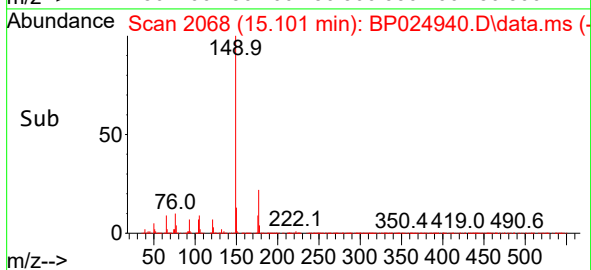
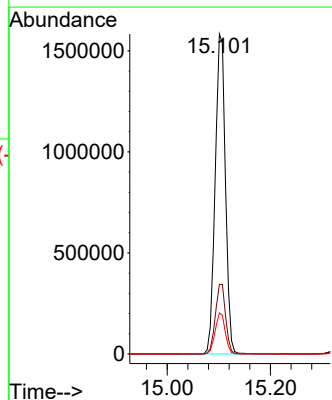
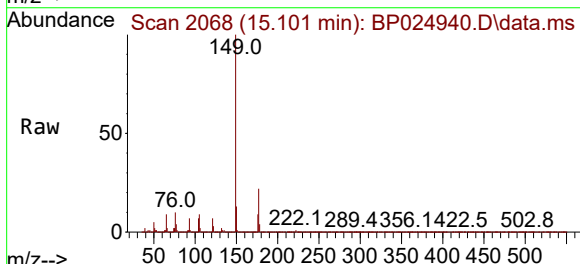
Instrument :
BNA_P
ClientSampleId :
PB168437BS

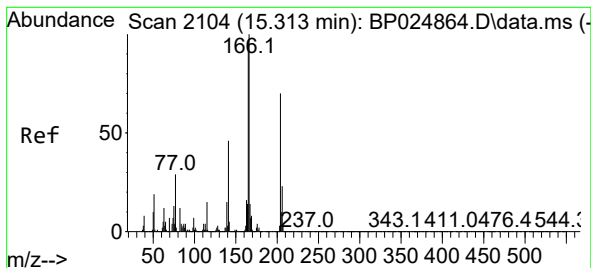
Tgt Ion:232 Resp: 570741
Ion Ratio Lower Upper
232 100
131 45.7 38.2 57.2
130 2.5 2.1 3.1
166 30.2 25.7 38.5



#60
Diethylphthalate
Concen: 50.573 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:149 Resp: 2174185
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.8 9.8 14.6

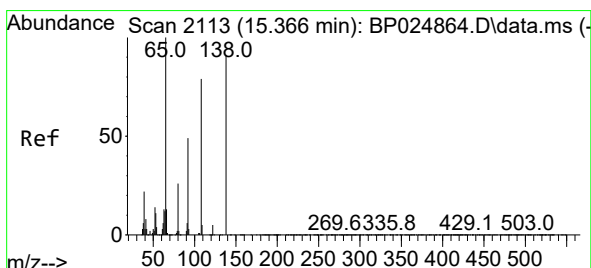
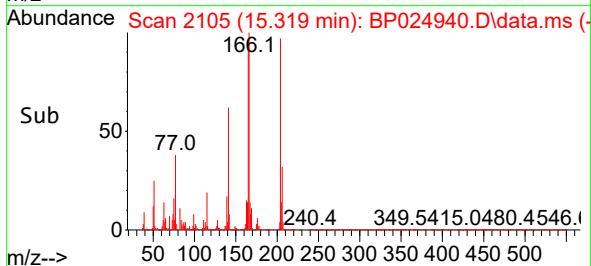
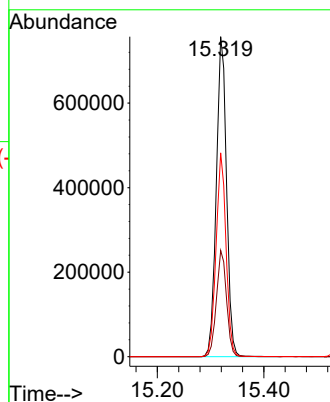
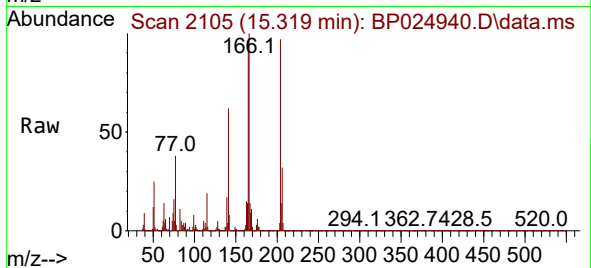




#61
4-Chlorophenyl-phenylether
Concen: 51.029 ng
RT: 15.319 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

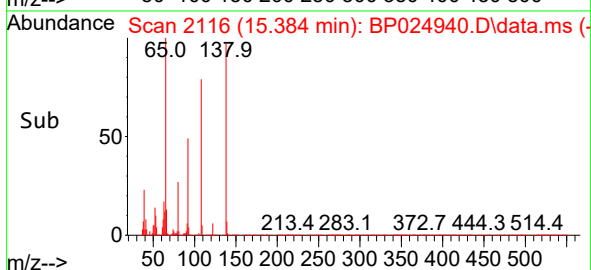
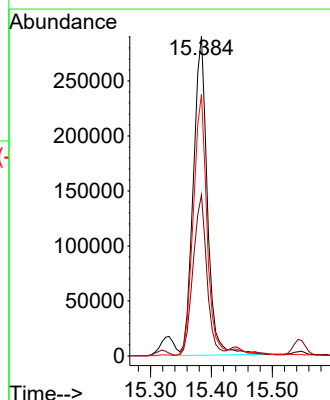
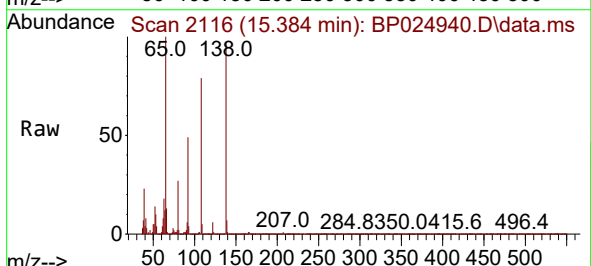
Instrument :
BNA_P
ClientSampleId :
PB168437BS

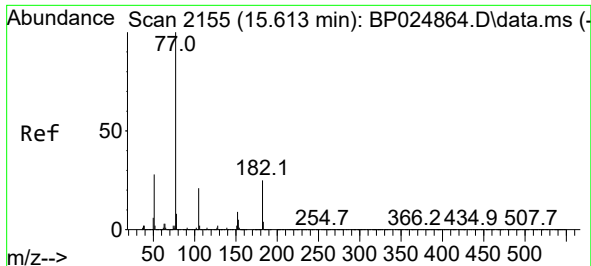
Tgt Ion:204 Resp: 1009653
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 63.7 52.4 78.6



#62
4-Nitroaniline
Concen: 53.014 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.018 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

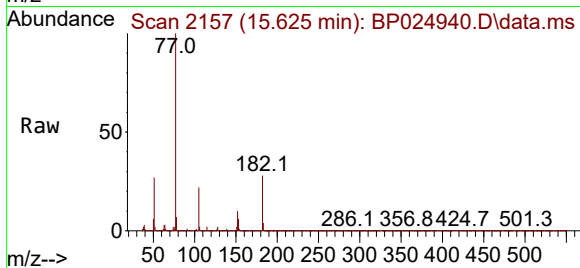
Tgt Ion:138 Resp: 463892
Ion Ratio Lower Upper
138 100
92 50.4 33.5 73.5
108 81.7 65.1 105.1



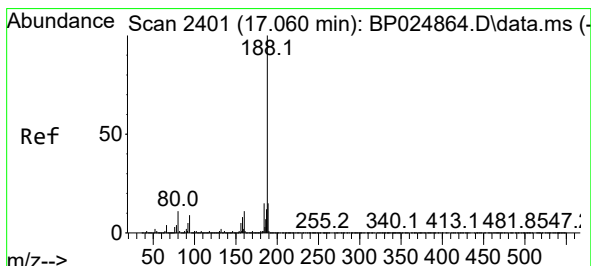
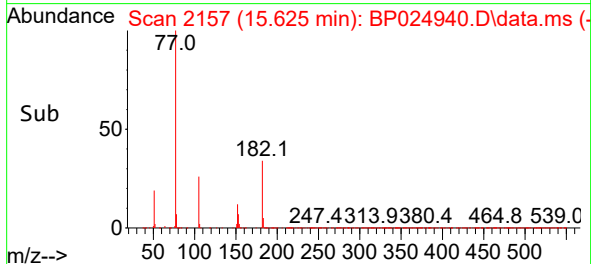
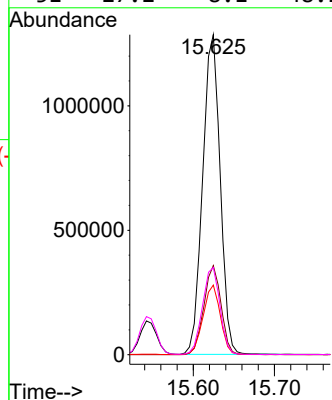


#63
Azobenzene
Concen: 48.805 ng
RT: 15.625 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Instrument :
BNA_P
ClientSampleId :
PB168437BS

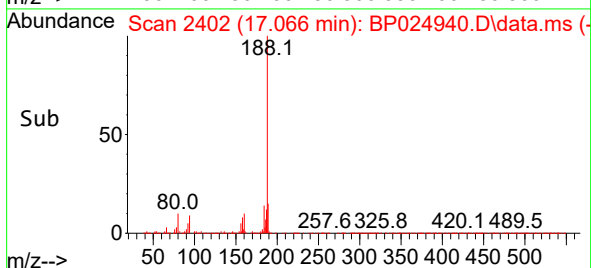
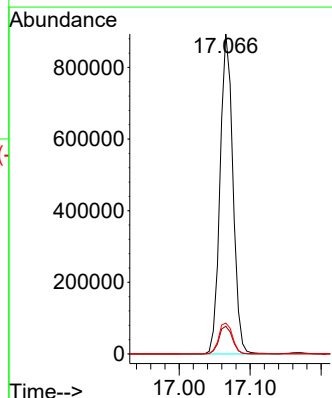
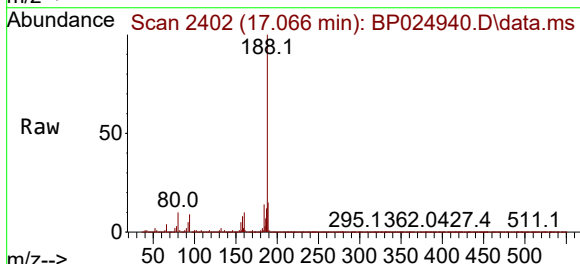


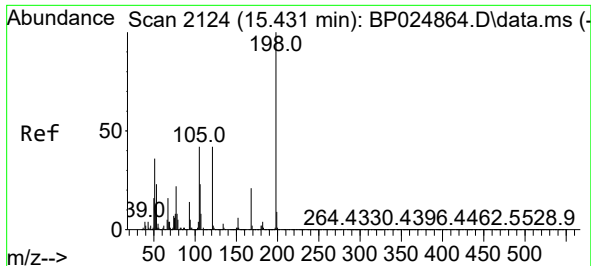
Tgt Ion: 77 Resp: 1924309
Ion Ratio Lower Upper
77 100
182 27.9 5.4 45.4
105 21.8 0.8 40.8
51 27.2 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion: 188 Resp: 1115991
Ion Ratio Lower Upper
188 100
94 8.6 7.3 10.9
80 9.6 8.5 12.7

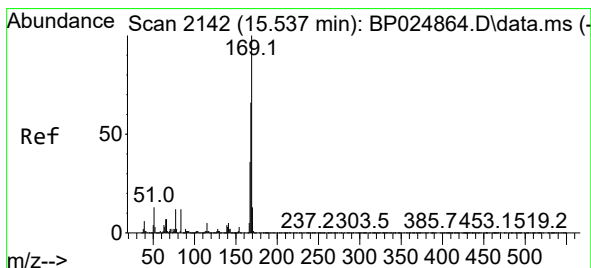
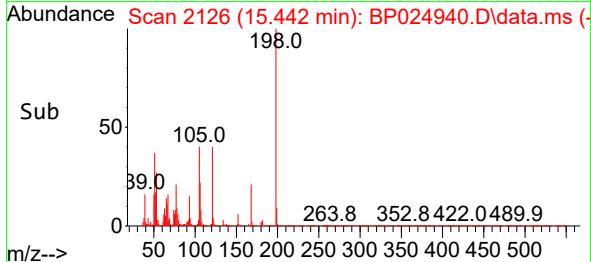
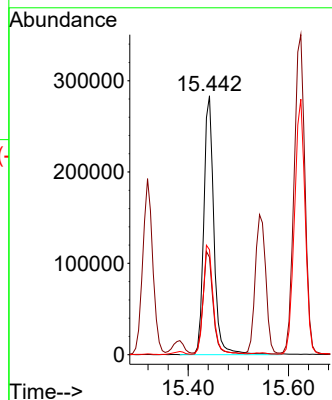
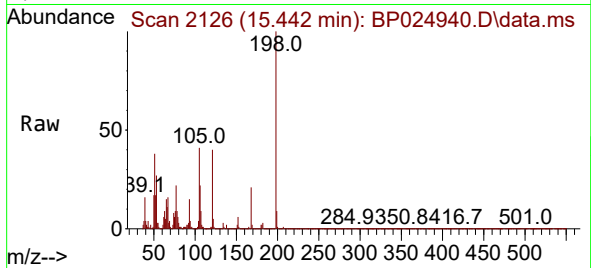




#65
4,6-Dinitro-2-methylphenol
Concen: 53.901 ng
RT: 15.442 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

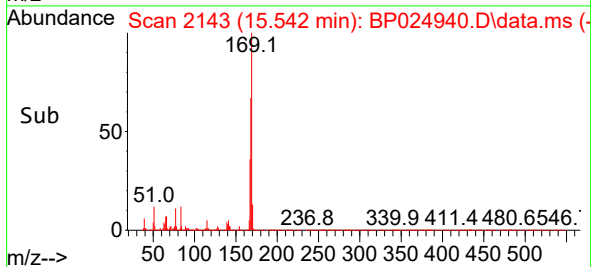
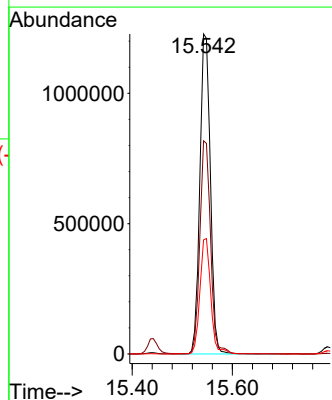
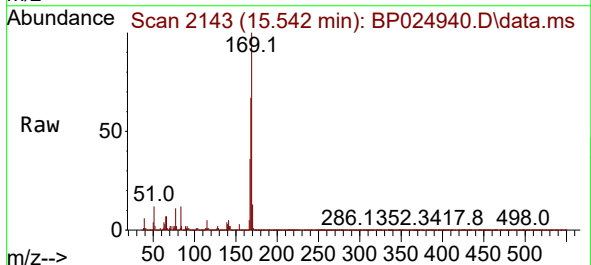
Instrument :
BNA_P
ClientSampleId :
PB168437BS

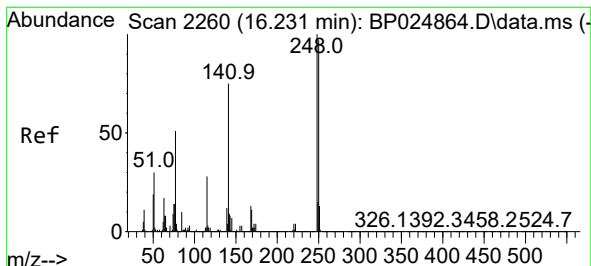
Tgt Ion:198 Resp: 395257
Ion Ratio Lower Upper
198 100
51 37.6 19.2 59.2
105 40.6 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 51.446 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:169 Resp: 1779554
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 35.6 28.6 43.0

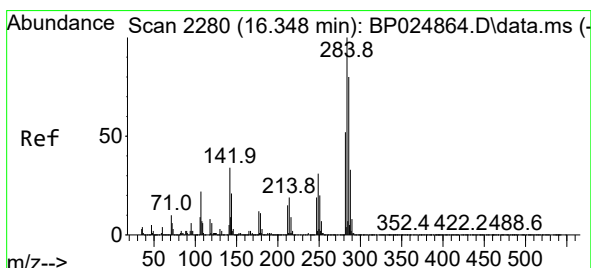
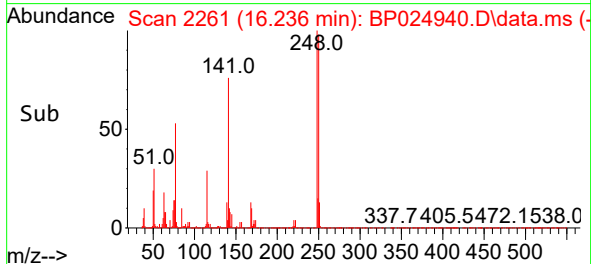
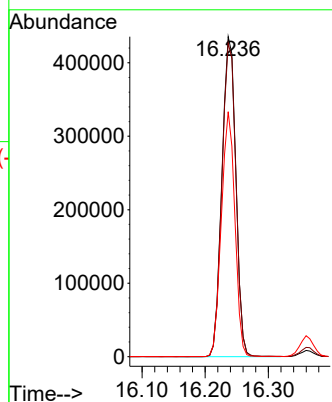
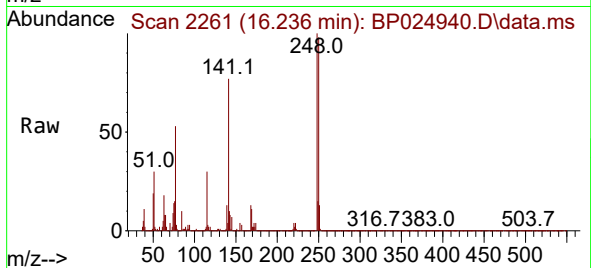




#67
4-Bromophenyl-phenylether
Concen: 52.885 ng
RT: 16.236 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

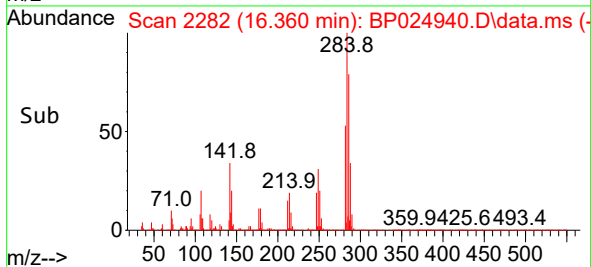
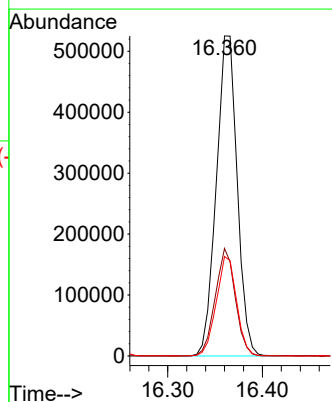
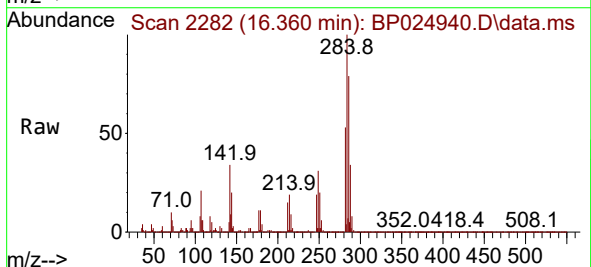
Instrument :
BNA_P
ClientSampleId :
PB168437BS

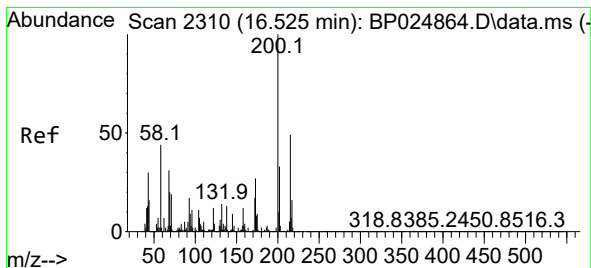
Tgt Ion:248 Resp: 665933
Ion Ratio Lower Upper
248 100
250 98.0 77.4 116.2
141 76.6 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.821 ng
RT: 16.360 min Scan# 2282
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:284 Resp: 806327
Ion Ratio Lower Upper
284 100
142 33.6 27.0 40.6
249 31.1 25.0 37.6





#69

Atrazine

Concen: 52.450 ng

RT: 16.536 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

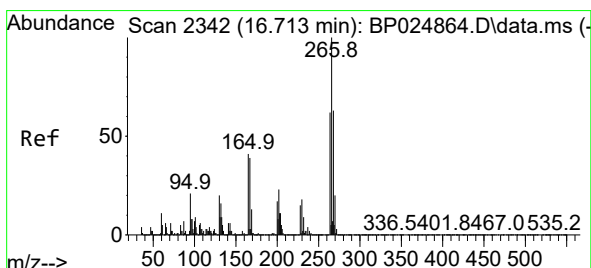
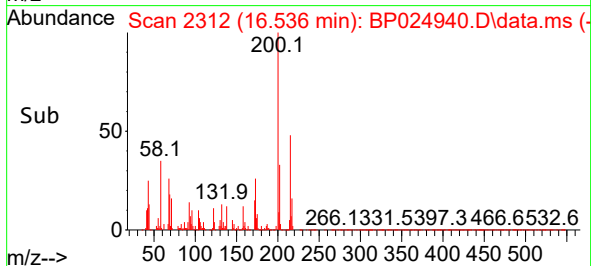
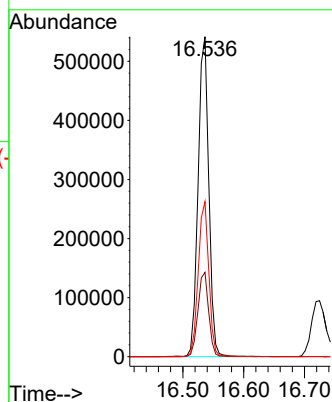
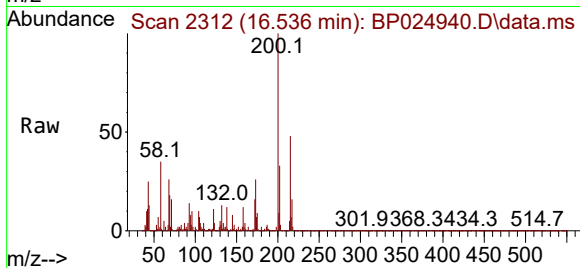
Tgt Ion:200 Resp: 657710

Ion Ratio Lower Upper

200 100

173 26.3 6.9 46.9

215 48.5 28.7 68.7



#70

Pentachlorophenol

Concen: 119.611 ng

RT: 16.725 min Scan# 2344

Delta R.T. 0.012 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

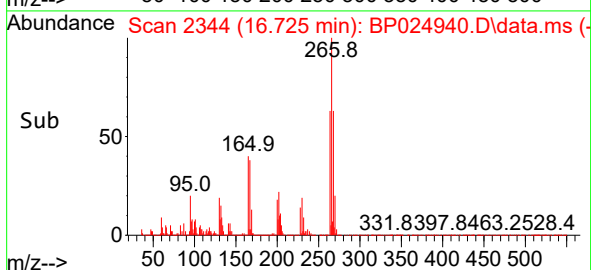
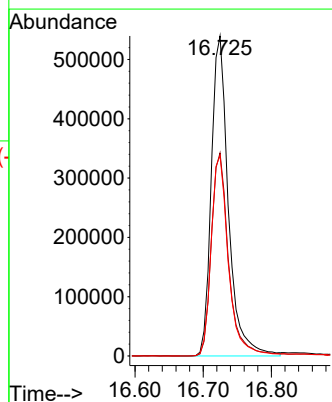
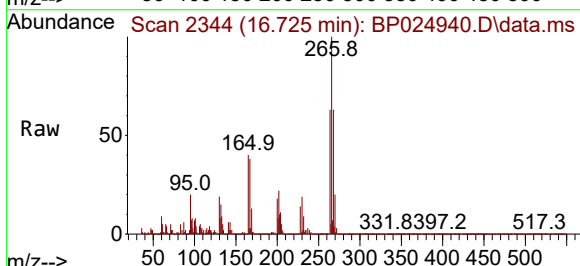
Tgt Ion:266 Resp: 944988

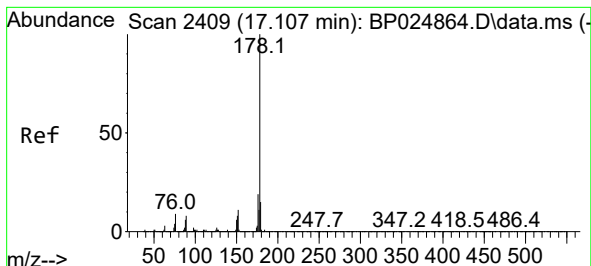
Ion Ratio Lower Upper

266 100

268 63.4 50.6 76.0

264 62.6 49.7 74.5





#71

Phenanthrene

Concen: 49.809 ng

RT: 17.107 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

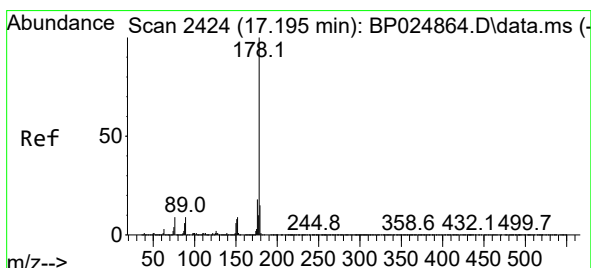
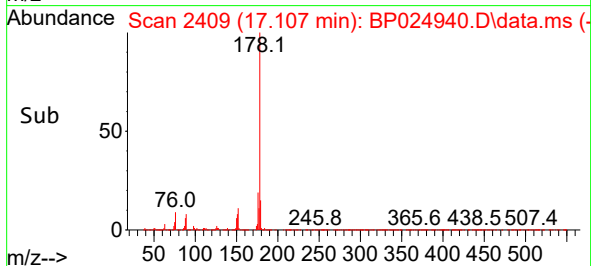
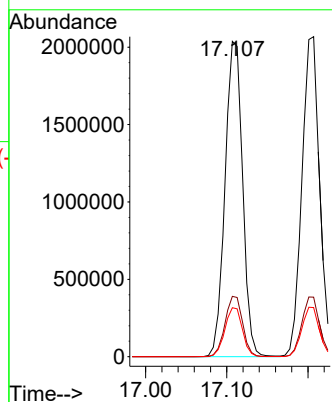
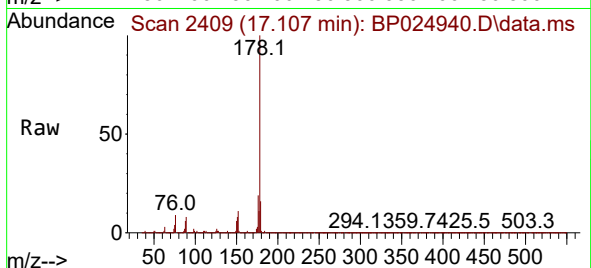
Tgt Ion:178 Resp: 3071779

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.1 18.1



#72

Anthracene

Concen: 50.360 ng

RT: 17.207 min Scan# 2426

Delta R.T. 0.012 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

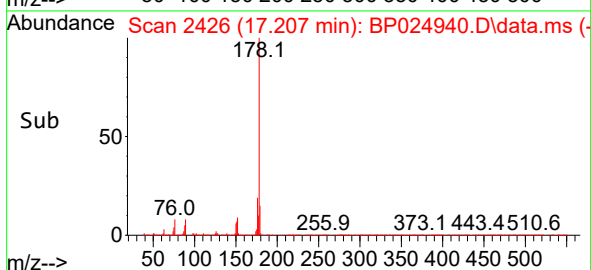
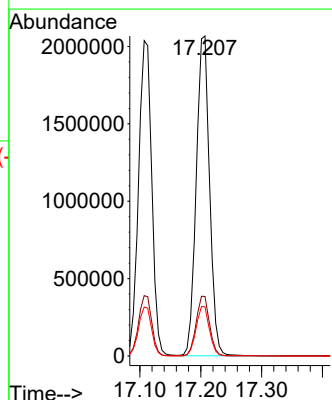
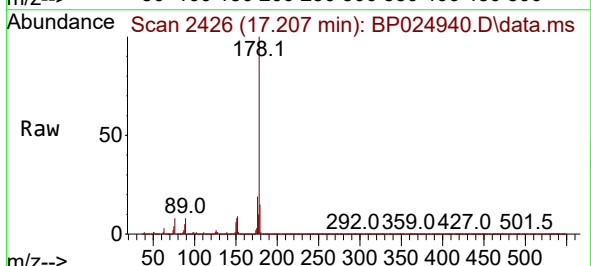
Tgt Ion:178 Resp: 3145447

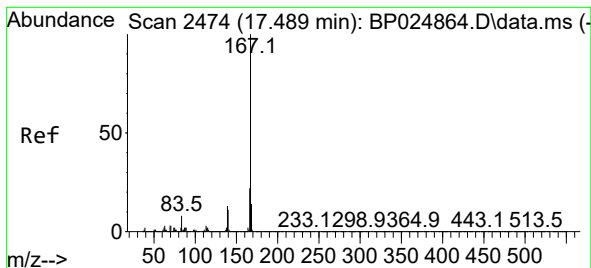
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.3 12.3 18.5





#73

Carbazole

Concen: 50.464 ng

RT: 17.495 min Scan# 2475

Delta R.T. 0.006 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

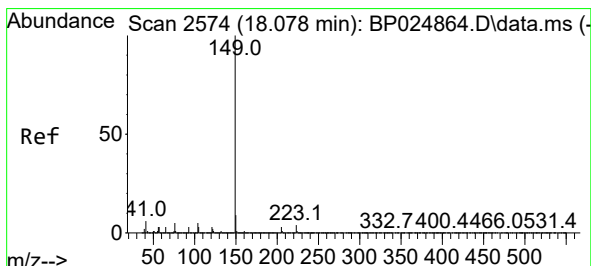
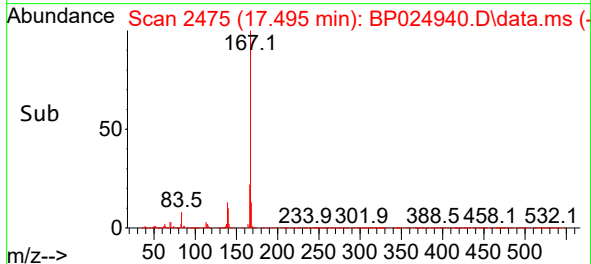
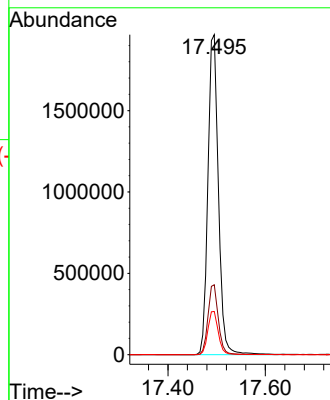
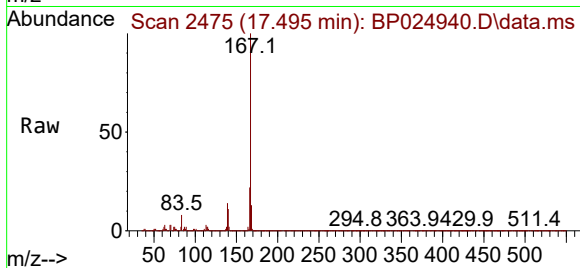
Tgt Ion:167 Resp: 2921523

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 51.070 ng

RT: 18.083 min Scan# 2575

Delta R.T. 0.006 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

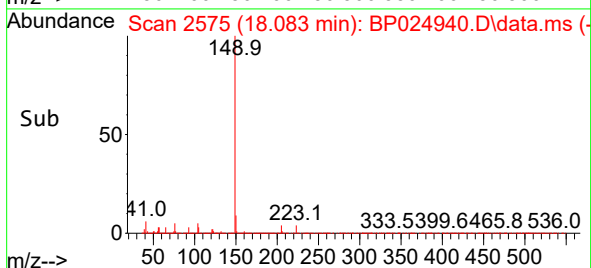
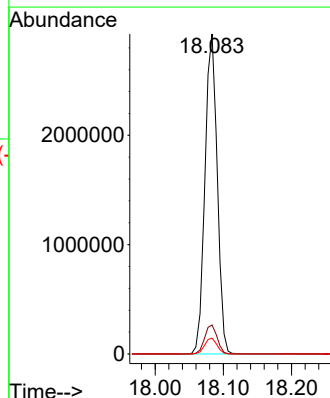
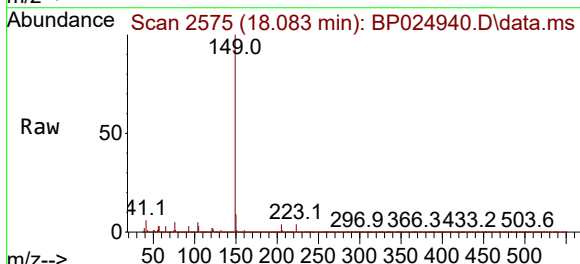
Tgt Ion:149 Resp: 3663183

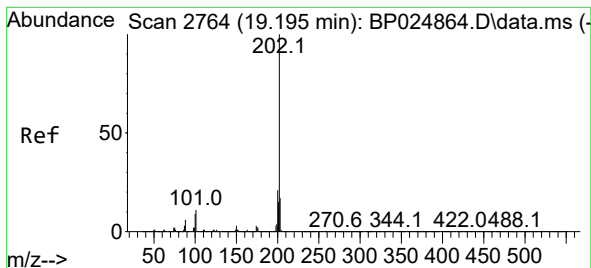
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 49.864 ng

RT: 19.207 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

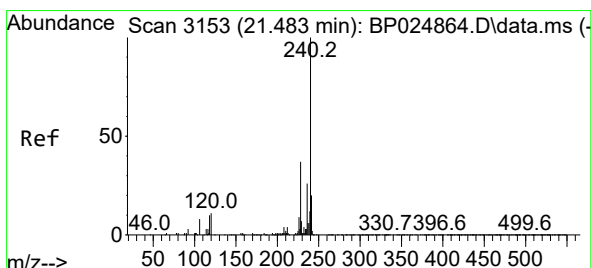
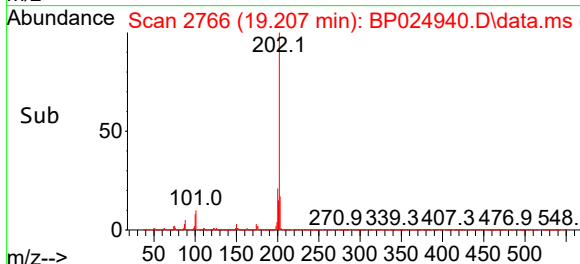
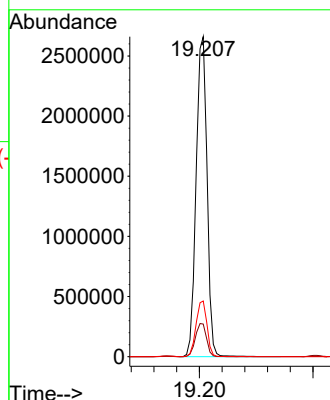
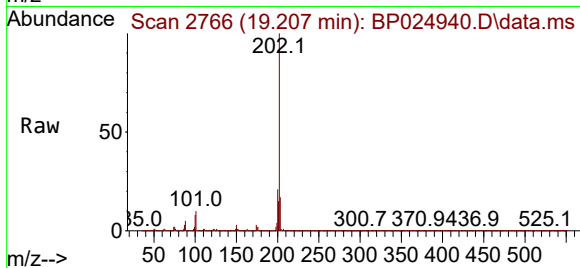
Tgt Ion:202 Resp: 3564271

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.4

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan# 3156

Delta R.T. 0.017 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

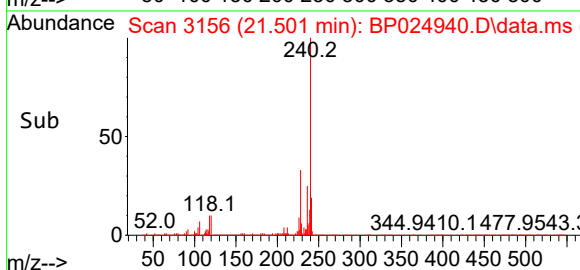
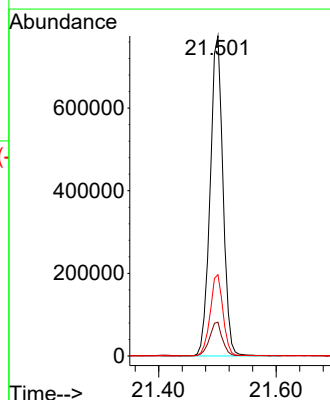
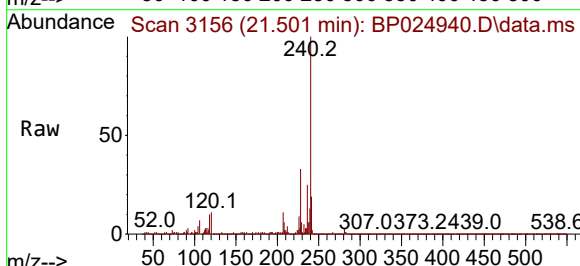
Tgt Ion:240 Resp: 1173334

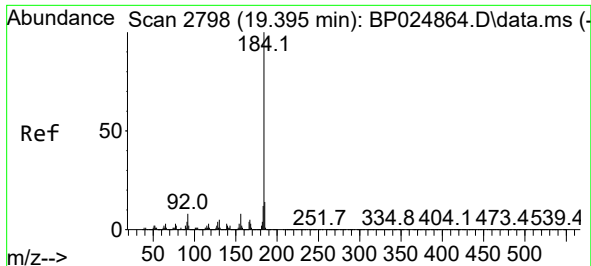
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.4 20.9 31.3

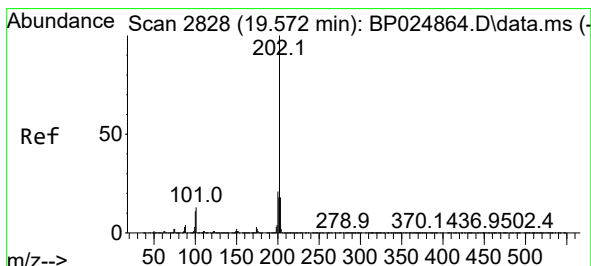
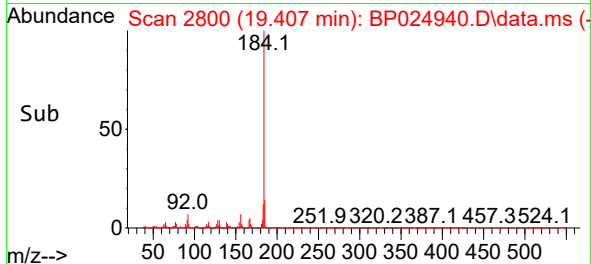
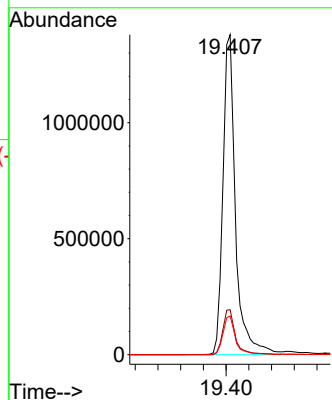
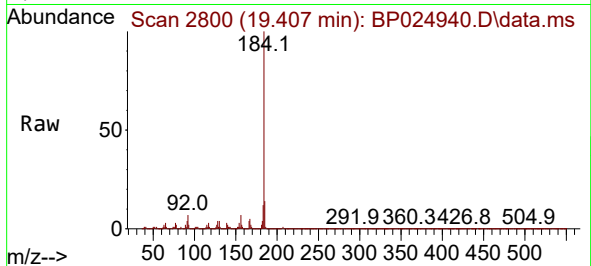




#77
Benzidine
Concen: 58.543 ng
RT: 19.407 min Scan# 2798
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

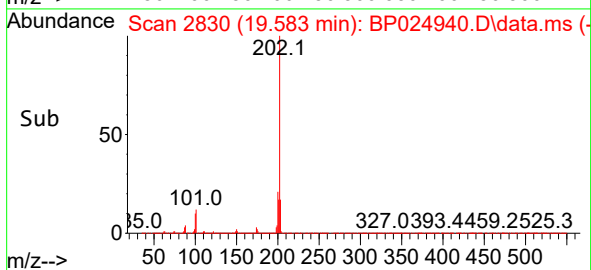
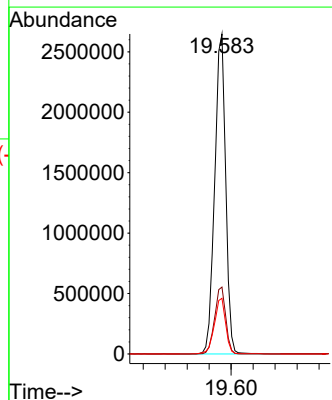
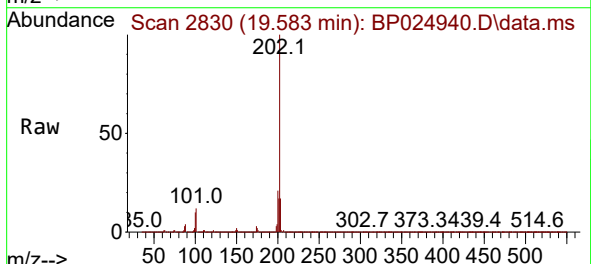
Instrument :
BNA_P
ClientSampleId :
PB168437BS

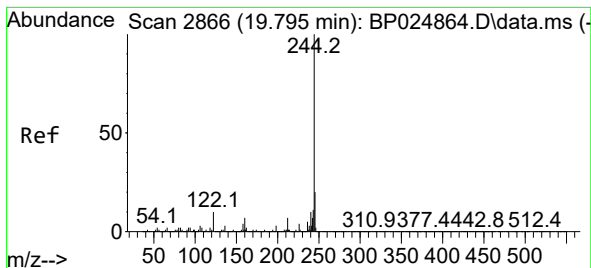
Tgt Ion:184 Resp: 2127453
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 12.1 9.5 14.3



#78
Pyrene
Concen: 50.184 ng
RT: 19.583 min Scan# 2830
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:202 Resp: 3678667
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 91.141 ng

RT: 19.795 min Scan# 2866

Delta R.T. -0.000 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

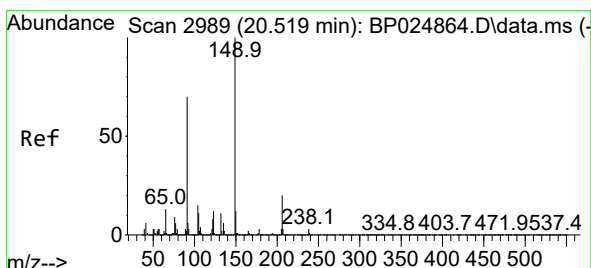
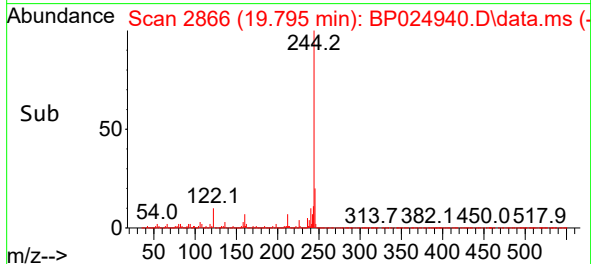
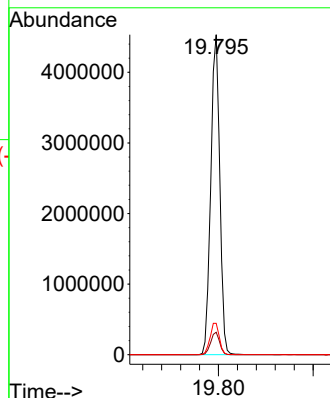
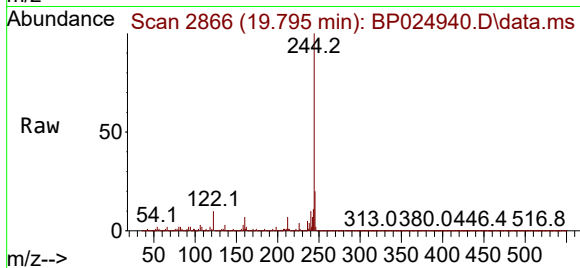
Tgt Ion:244 Resp: 5966738

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 51.149 ng

RT: 20.524 min Scan# 2990

Delta R.T. 0.006 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

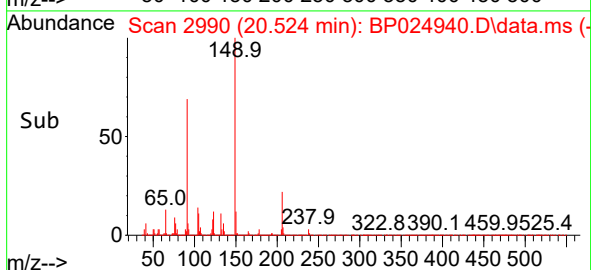
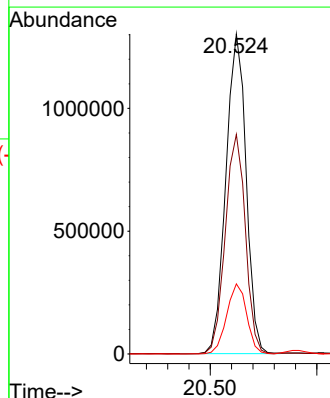
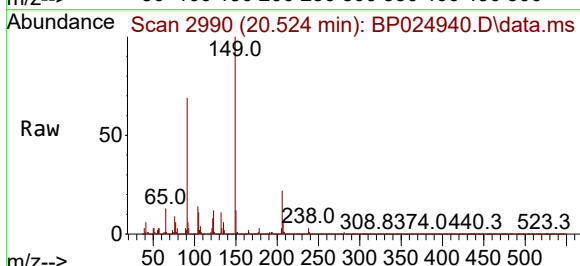
Tgt Ion:149 Resp: 1717429

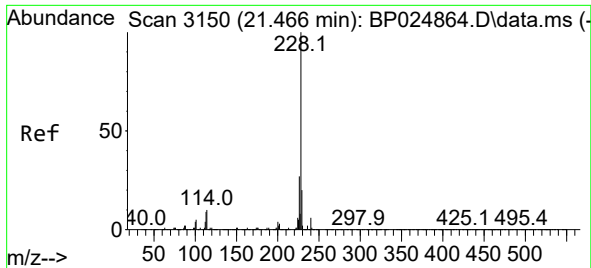
Ion Ratio Lower Upper

149 100

91 68.6 55.8 83.8

206 21.9 16.2 24.2

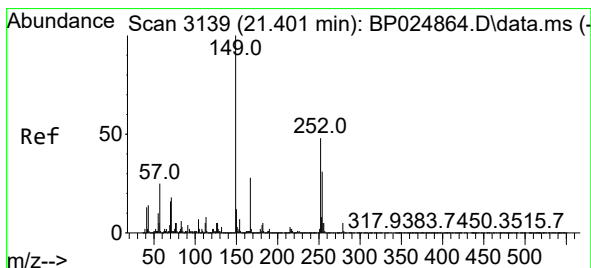
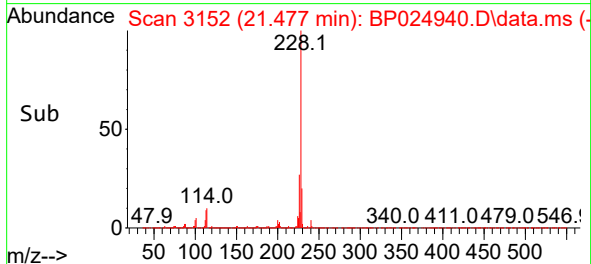
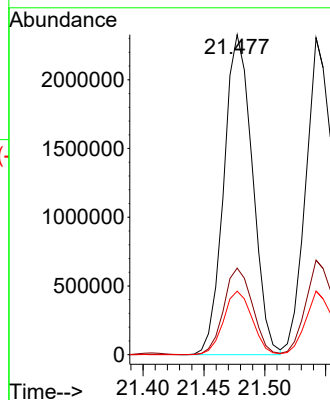
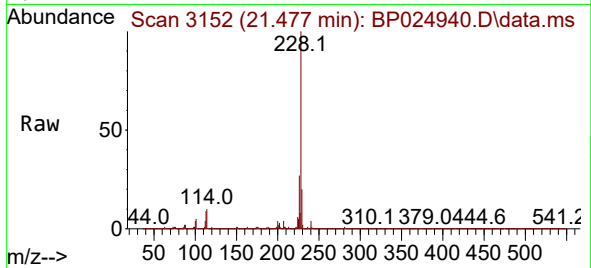




#81
Benzo(a)anthracene
Concen: 50.753 ng
RT: 21.477 min Scan# 3150
Delta R.T. 0.012 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

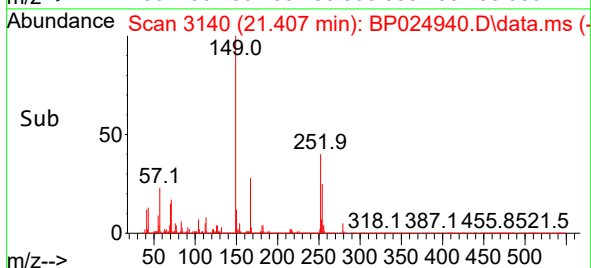
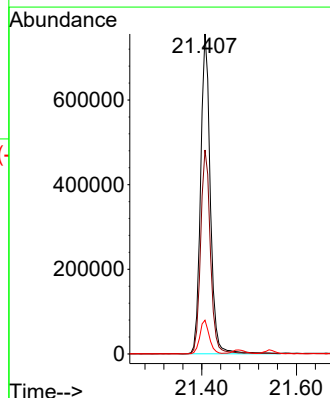
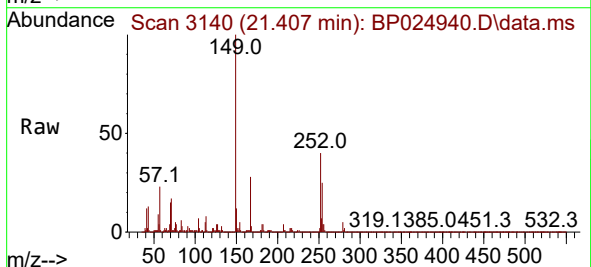
Instrument :
BNA_P
ClientSampleId :
PB168437BS

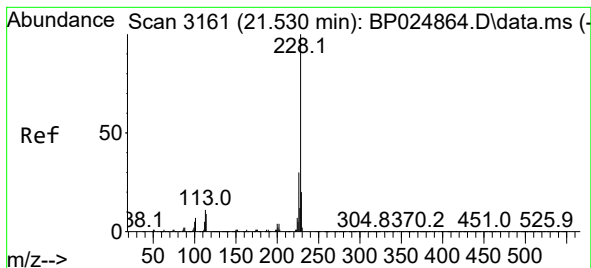
Tgt Ion:228 Resp: 3808709
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 35.954 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP024940.D
Acq: 13 Jun 2025 12:04

Tgt Ion:252 Resp: 1071165
Ion Ratio Lower Upper
252 100
254 63.8 51.2 76.8
126 10.5 8.6 12.8





#83

Chrysene

Concen: 50.112 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

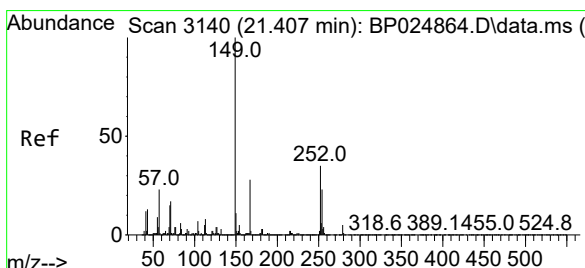
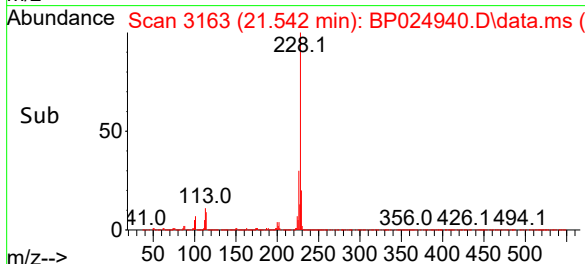
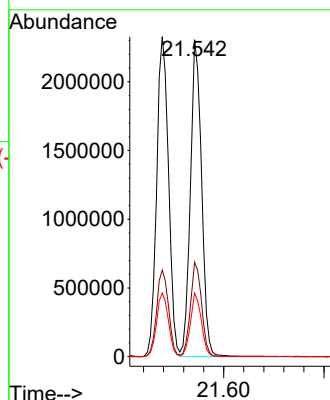
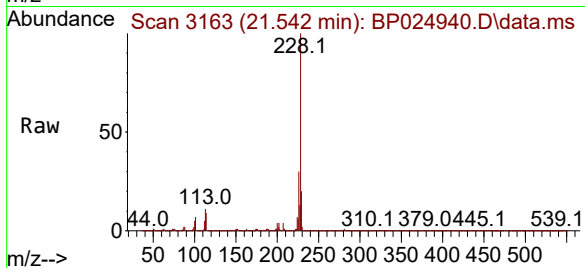
Tgt Ion:228 Resp: 3563319

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 20.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.863 ng

RT: 21.413 min Scan# 3141

Delta R.T. 0.006 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

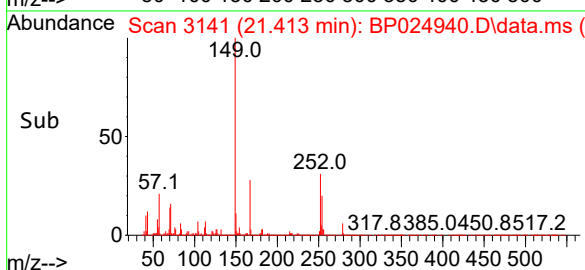
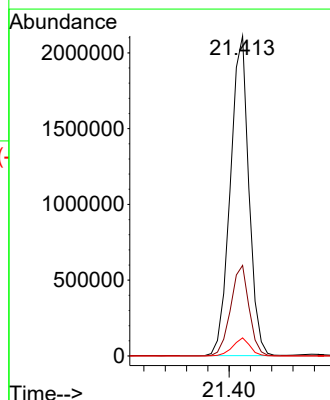
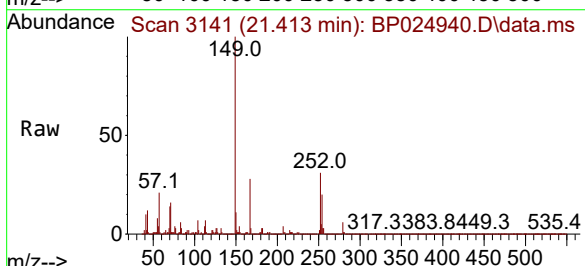
Tgt Ion:149 Resp: 2543103

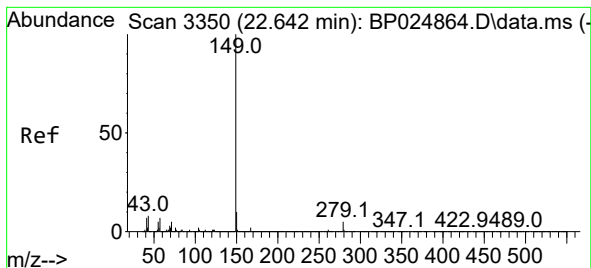
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 5.6 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.427 ng

RT: 22.648 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

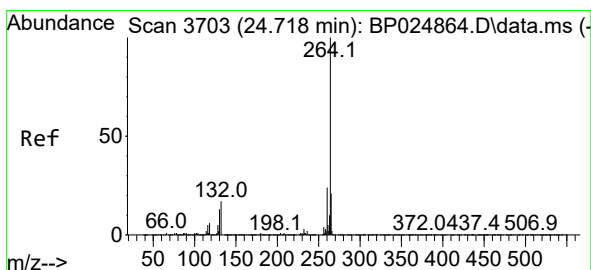
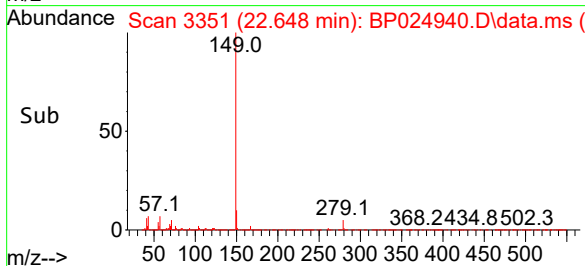
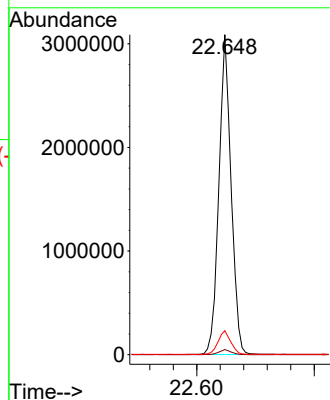
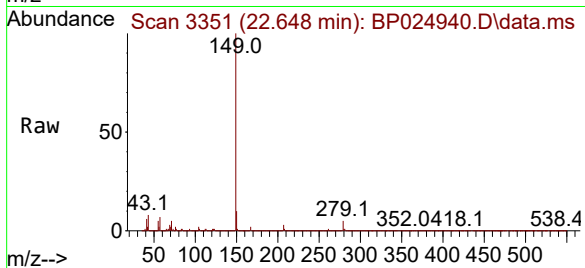
Tgt Ion:149 Resp: 4445475

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.759 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

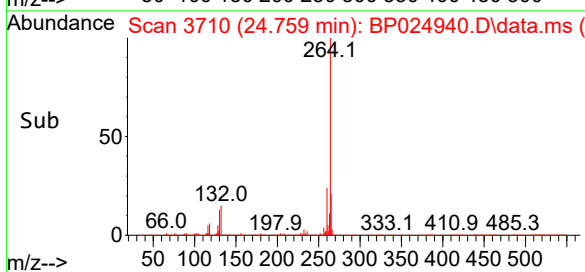
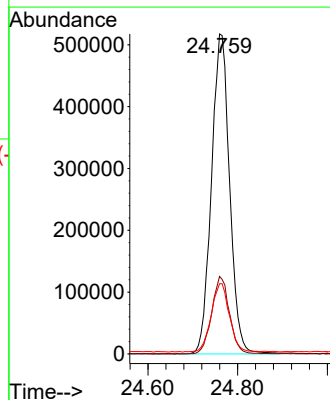
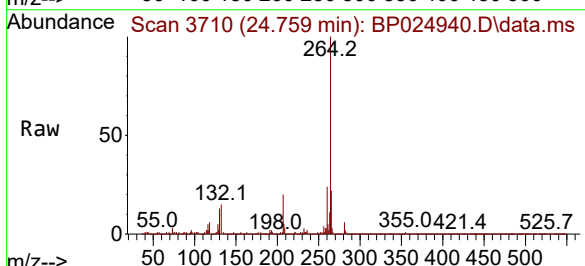
Tgt Ion:264 Resp: 1453621

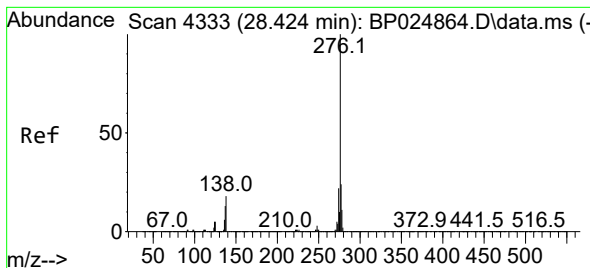
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.216 ng

RT: 28.477 min Scan# 41

Delta R.T. 0.053 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

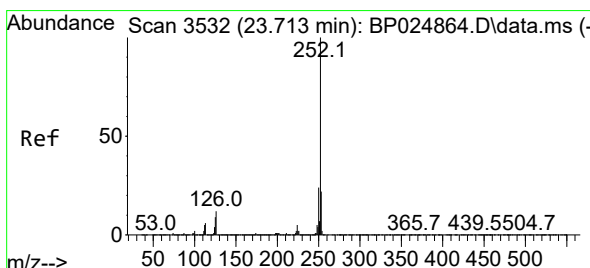
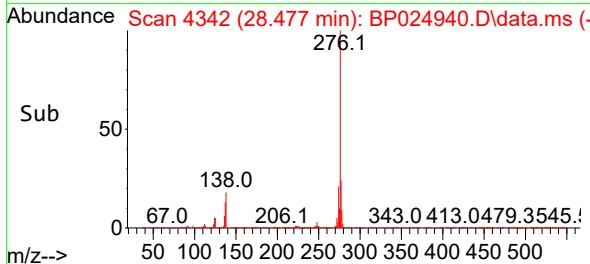
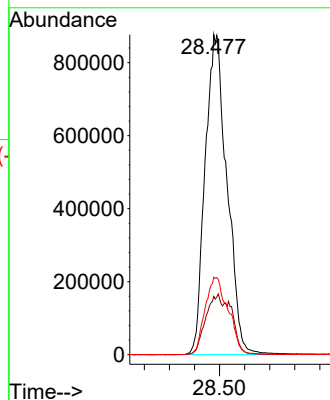
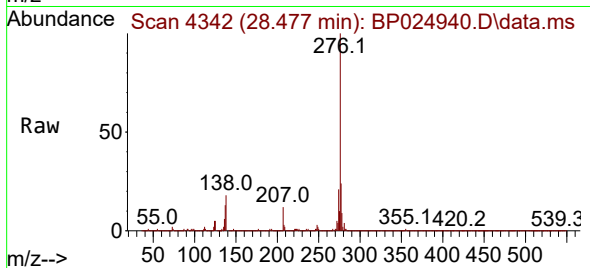
Tgt Ion:276 Resp: 5325882

Ion Ratio Lower Upper

276 100

138 13.9 18.6 27.8#

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.772 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.023 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

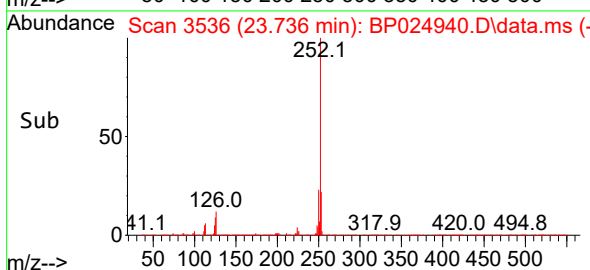
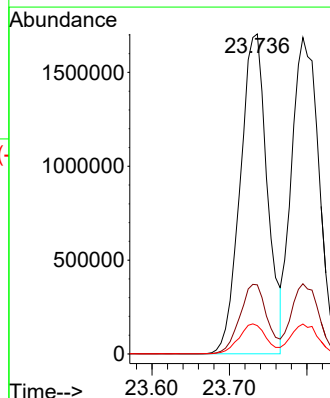
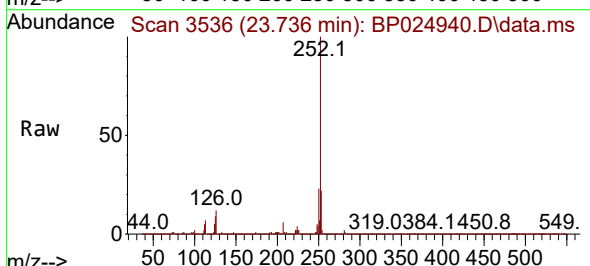
Tgt Ion:252 Resp: 4140591

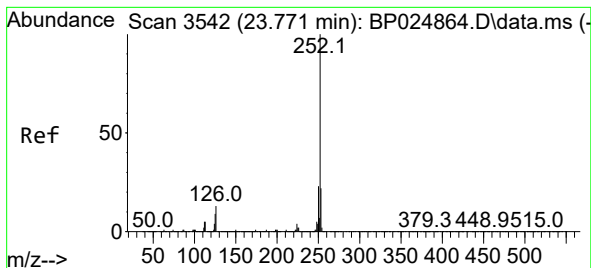
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 48.968 ng

RT: 23.795 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

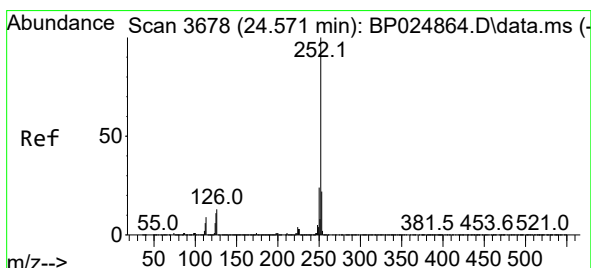
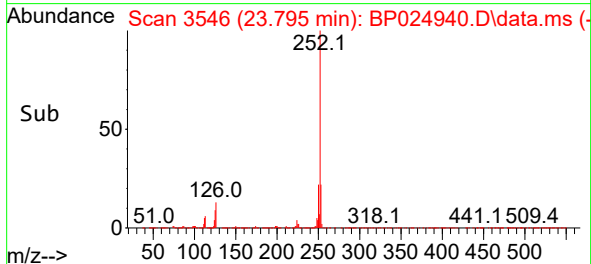
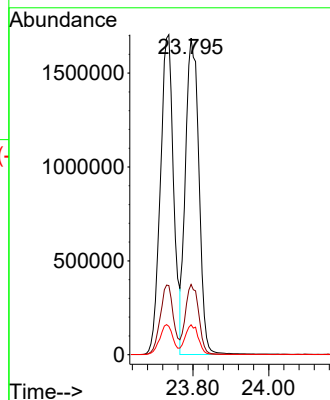
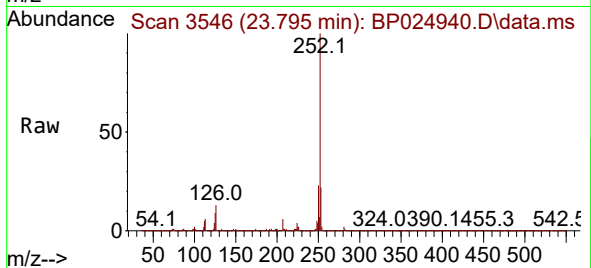
Tgt Ion:252 Resp: 4146652

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 50.195 ng

RT: 24.607 min Scan# 3684

Delta R.T. 0.035 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

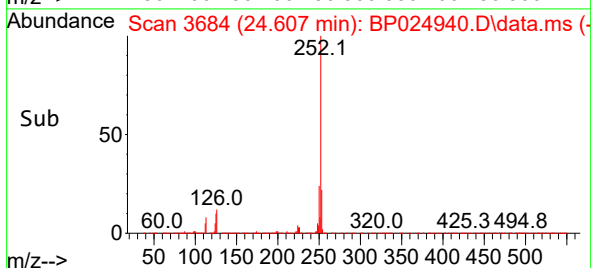
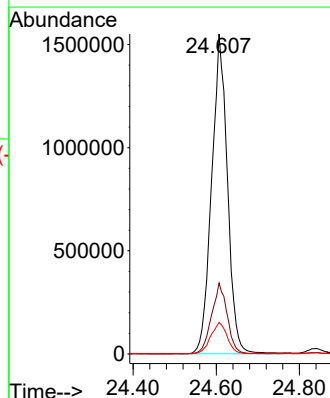
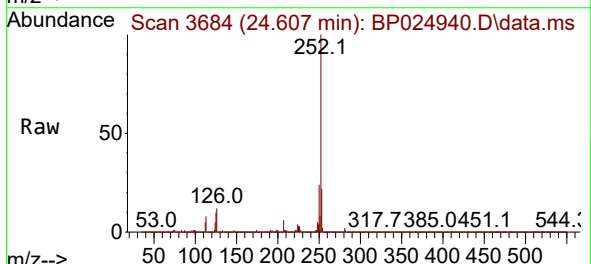
Tgt Ion:252 Resp: 4077987

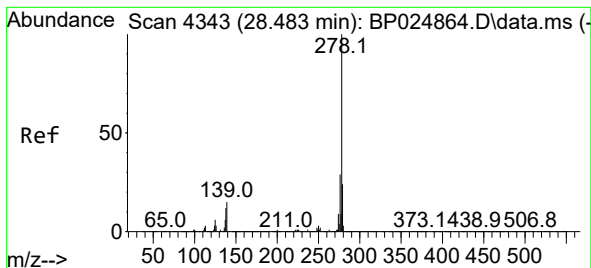
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.453 ng

RT: 28.547 min Scan# 41

Delta R.T. 0.065 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Instrument :

BNA_P

ClientSampleId :

PB168437BS

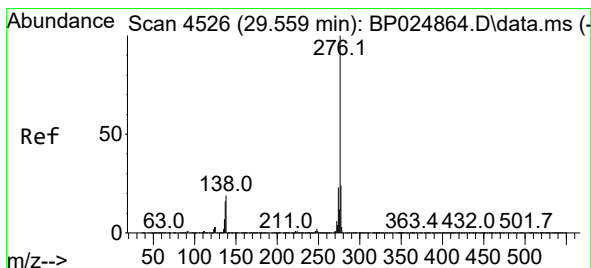
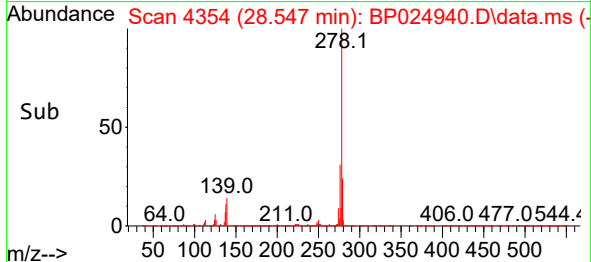
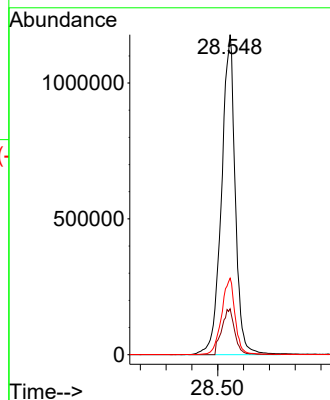
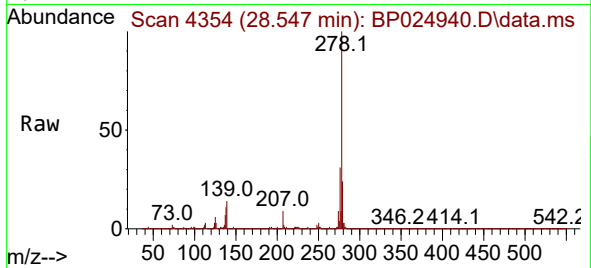
Tgt Ion:278 Resp: 4355580

Ion Ratio Lower Upper

278 100

139 14.3 12.0 18.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.985 ng

RT: 29.612 min Scan# 4535

Delta R.T. 0.053 min

Lab File: BP024940.D

Acq: 13 Jun 2025 12:04

Tgt Ion:276 Resp: 4281519

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 19.7 15.4 23.2

