

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024960.D
 Acq On : 16 Jun 2025 14:16
 Operator : RC/JU
 Sample : PB168456BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168456BSD

Quant Time: Jun 16 15:04:58 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	300318	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1127509	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	625659	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1053362	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	1022393	20.000	ng	0.00
86) Perylene-d12	24.754	264	1331886	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2824748	157.003	ng	0.00
7) Phenol-d6	6.819	99	3406263	143.091	ng	0.00
23) Nitrobenzene-d5	8.766	82	2111444	90.998	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1213492	140.287	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4343189	93.514	ng	0.00
79) Terphenyl-d14	19.783	244	5277867	92.521	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	329696	41.646	ng	99
3) Pyridine	3.567	79	866633	45.520	ng	100
4) n-Nitrosodimethylamine	3.478	42	399295	51.300	ng	100
6) Aniline	6.955	93	1016624	33.465	ng	99
8) 2-Chlorophenol	7.190	128	1081170	53.009	ng	99
9) Benzaldehyde	6.766	77	509772	37.153	ng	99
10) Phenol	6.843	94	1274827	51.948	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	973409	50.432	ng	99
12) 1,3-Dichlorobenzene	7.496	146	1153467	50.695	ng	99
13) 1,4-Dichlorobenzene	7.643	146	1160430	50.546	ng	99
14) 1,2-Dichlorobenzene	7.955	146	1110903	49.277	ng	99
15) Benzyl Alcohol	7.860	79	903393	49.448	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1208271	47.828	ng	99
17) 2-Methylphenol	8.072	107	849825	49.591	ng	99
18) Hexachloroethane	8.666	117	428585	49.585	ng	98
19) n-Nitroso-di-n-propyla...	8.413	70	716587	44.281	ng	99
20) 3+4-Methylphenols	8.402	107	1115027	47.691	ng	99
22) Acetophenone	8.431	105	1479966	51.953	ng	99
24) Nitrobenzene	8.807	77	1088416	52.802	ng	98
25) Isophorone	9.325	82	1950487	48.503	ng	100
26) 2-Nitrophenol	9.507	139	566440	55.693	ng	99
27) 2,4-Dimethylphenol	9.584	122	904616	51.970	ng	98
28) bis(2-Chloroethoxy)met...	9.802	93	1190959	49.648	ng	99
29) 2,4-Dichlorophenol	10.060	162	902272	54.023	ng	100
30) 1,2,4-Trichlorobenzene	10.249	180	983669	52.218	ng	99
31) Naphthalene	10.431	128	2995722	51.846	ng	100
32) Benzoic acid	9.790	122	616633	52.423	ng	97
33) 4-Chloroaniline	10.560	127	494356	20.421	ng	99
34) Hexachlorobutadiene	10.701	225	604832	53.272	ng	100
35) Caprolactam	11.360	113	271177	44.109	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	939773	48.783	ng	99
37) 2-Methylnaphthalene	12.048	142	1831831	49.980	ng	100
38) 1-Methylnaphthalene	12.272	142	1896481	48.399	ng	99
40) 1,2,4,5-Tetrachloroben...	12.425	216	1014609	57.150	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1203555	111.148	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	670687	56.254	ng	99

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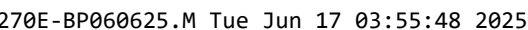
Instrument :
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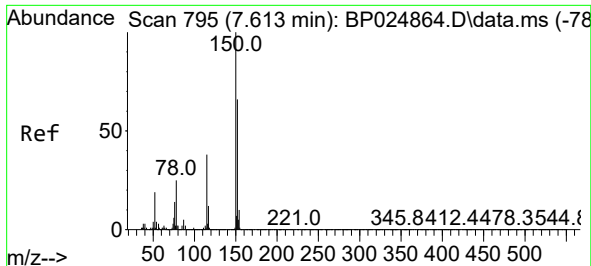
Quant Time: Jun 16 15:04:58 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	726345	56.886	ng	99
46) 1,1'-Biphenyl	13.072	154	2483307	54.616	ng	99
47) 2-Chloronaphthalene	13.113	162	1924434	55.069	ng	99
48) 2-Nitroaniline	13.342	65	564868	52.577	ng	96
49) Acenaphthylene	13.972	152	3046288	52.281	ng	100
50) Dimethylphthalate	13.713	163	2277628	49.349	ng	100
51) 2,6-Dinitrotoluene	13.842	165	502765	50.530	ng	99
52) Acenaphthene	14.319	154	1732109	51.876	ng	99
53) 3-Nitroaniline	14.190	138	286283	27.726	ng	97
54) 2,4-Dinitrophenol	14.407	184	616532	94.106	ng	96
55) Dibenzofuran	14.666	168	2681705	50.036	ng	99
56) 4-Nitrophenol	14.548	139	748342	85.229	ng	98
57) 2,4-Dinitrotoluene	14.654	165	696065	50.011	ng	95
58) Fluorene	15.319	166	2179367	50.337	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	587811	51.525	ng	98
60) Diethylphthalate	15.095	149	2215961	48.176	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1069518	50.521	ng	99
62) 4-Nitroaniline	15.366	138	455753	48.680	ng	93
63) Azobenzene	15.613	77	2104115	49.877	ng	98
65) 4,6-Dinitro-2-methylph...	15.431	198	380210	54.931	ng	98
66) n-Nitrosodiphenylamine	15.537	169	1863262	57.069	ng	100
67) 4-Bromophenyl-phenylether	16.225	248	680067	57.219	ng	99
68) Hexachlorobenzene	16.348	284	808329	56.101	ng	97
69) Atrazine	16.513	200	632604	53.448	ng	98
70) Pentachlorophenol	16.707	266	946716	126.955	ng	100
71) Phenanthrene	17.095	178	3107189	53.379	ng	100
72) Anthracene	17.189	178	3201537	54.306	ng	99
73) Carbazole	17.478	167	2931227	53.642	ng	99
74) Di-n-butylphthalate	18.054	149	3548729	52.416	ng	99
75) Fluoranthene	19.189	202	3406999	50.498	ng	100
77) Benzidine	19.389	184	1243278	39.263	ng	100
78) Pyrene	19.566	202	3513223	55.003	ng	100
80) Butylbenzylphthalate	20.507	149	1620594	55.391	ng	98
81) Benzo(a)anthracene	21.471	228	3516983	53.785	ng	99
82) 3,3'-Dichlorobenzidine	21.395	252	997490	38.424	ng	99
83) Chrysene	21.542	228	3330466	53.753	ng	100
84) Bis(2-ethylhexyl)phtha...	21.401	149	2401880	57.299	ng	99
85) Di-n-octyl phthalate	22.636	149	4341073	58.754	ng	99
87) Indeno(1,2,3-cd)pyrene	28.471	276	5532808	56.935	ng	# 88
88) Benzo(b)fluoranthene	23.724	252	3989328	52.337	ng	99
89) Benzo(k)fluoranthene	23.789	252	4030627	51.948	ng	99
90) Benzo(a)pyrene	24.601	252	3972376	53.364	ng	100
91) Dibenzo(a,h)anthracene	28.530	278	4533409	57.312	ng	99
92) Benzo(g,h,i)perylene	29.624	276	4462482	56.860	ng	100

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

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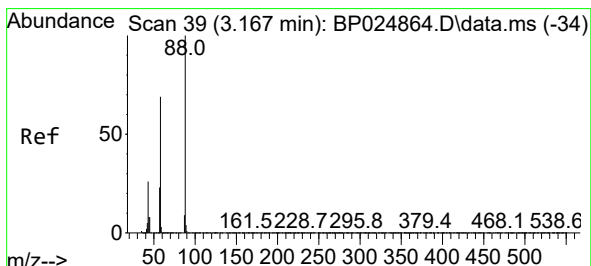
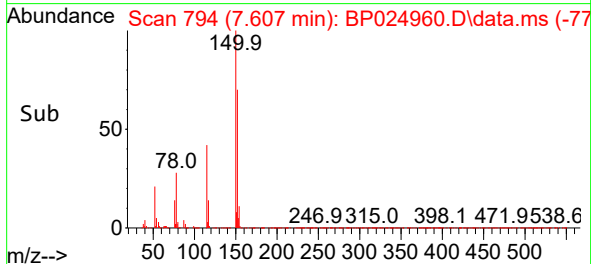
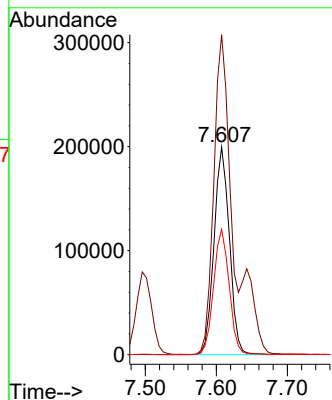
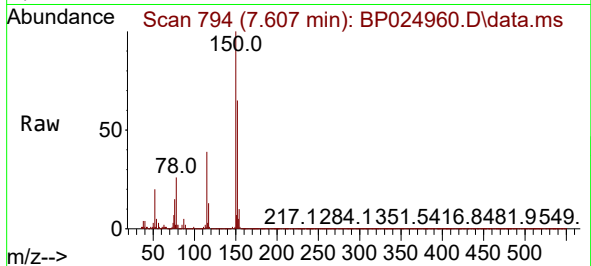




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.607 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024960.D
 Acq: 16 Jun 2025 14:16

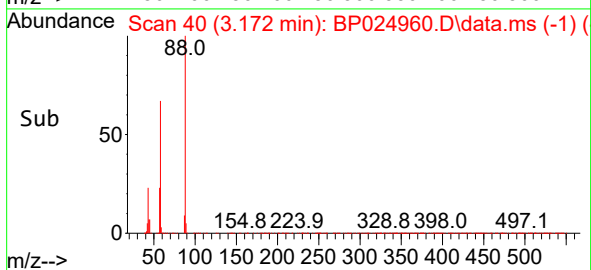
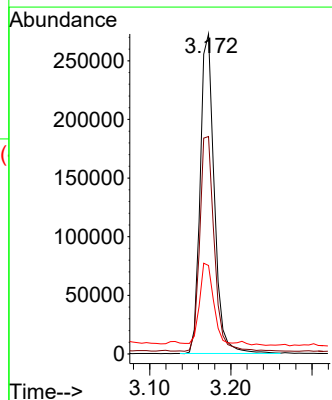
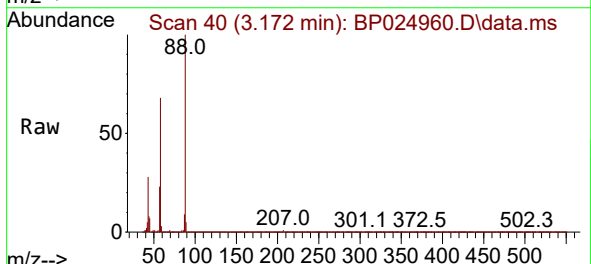
Instrument :
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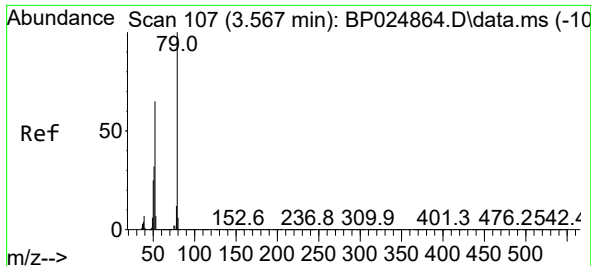
Tgt Ion:152 Resp: 300318
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.1 183.1
 115 60.4 46.4 69.6



#2
 1,4-Dioxane
 Concen: 41.646 ng
 RT: 3.172 min Scan# 40
 Delta R.T. 0.006 min
 Lab File: BP024960.D
 Acq: 16 Jun 2025 14:16

Tgt Ion: 88 Resp: 329696
 Ion Ratio Lower Upper
 88 100
 58 69.0 55.4 83.0
 43 24.2 20.8 31.2

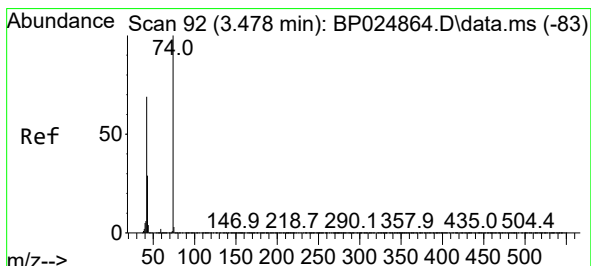
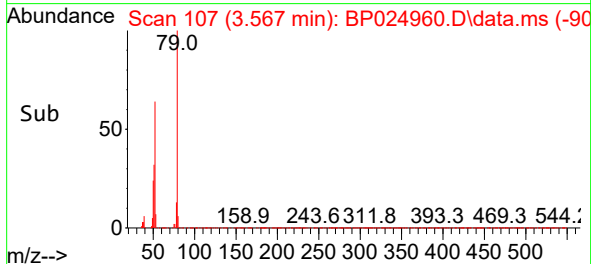
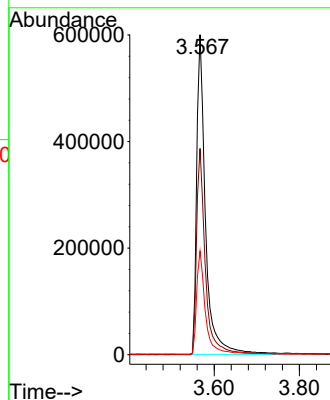
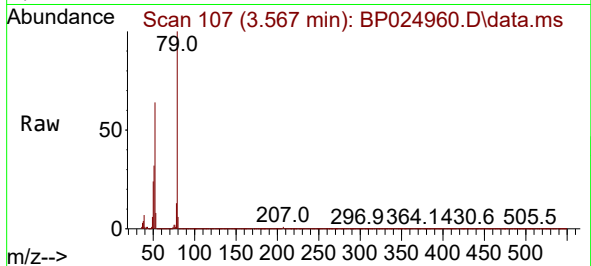




#3
Pyridine
Concen: 45.520 ng
RT: 3.567 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

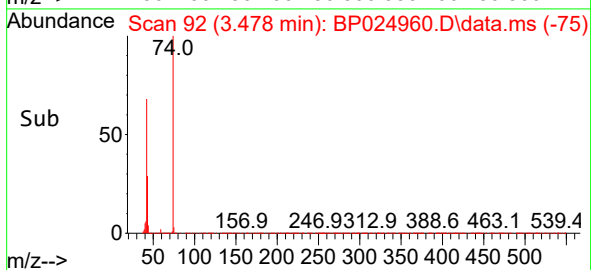
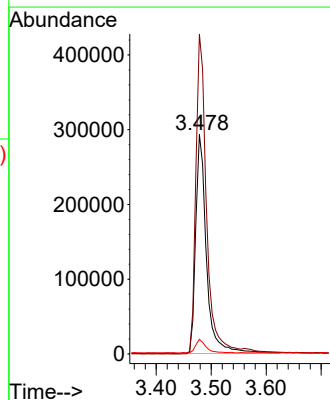
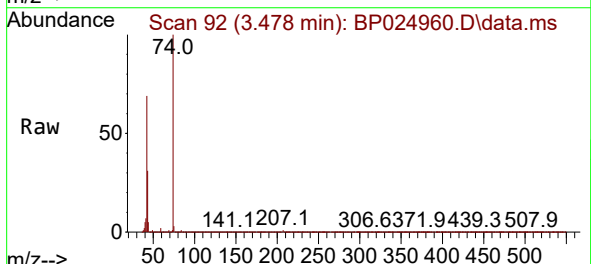
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

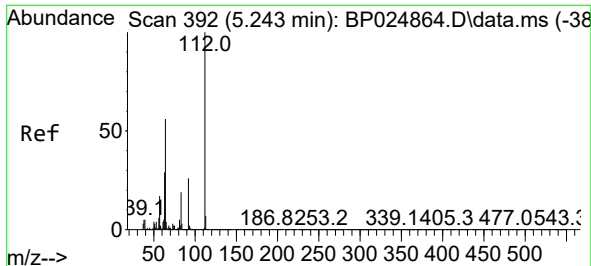
Tgt Ion: 79 Resp: 866633
Ion Ratio Lower Upper
79 100
52 64.5 51.6 77.4
51 32.4 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 51.300 ng
RT: 3.478 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion: 42 Resp: 399295
Ion Ratio Lower Upper
42 100
74 145.8 116.6 174.8
44 6.6 5.4 8.0

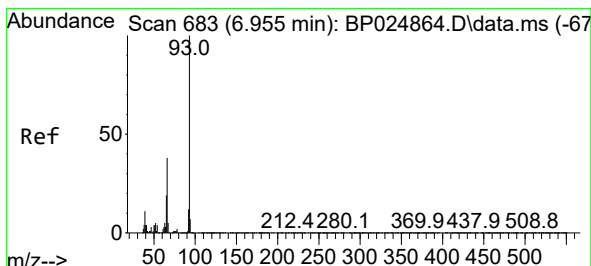
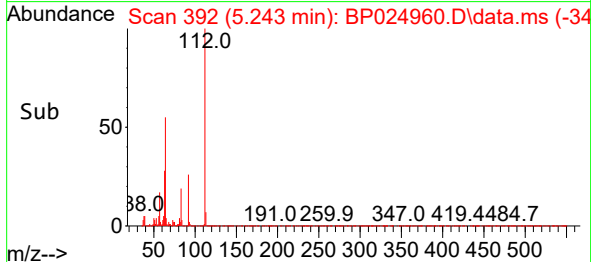
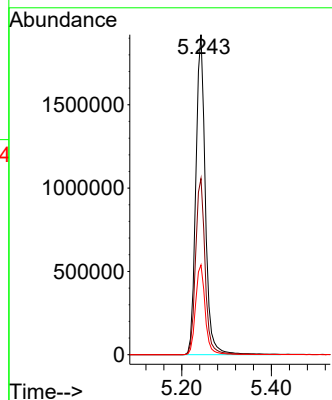
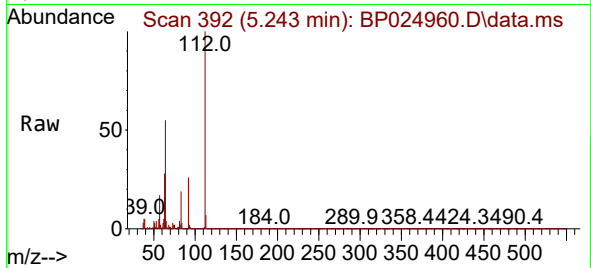




#5
2-Fluorophenol
Concen: 157.003 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

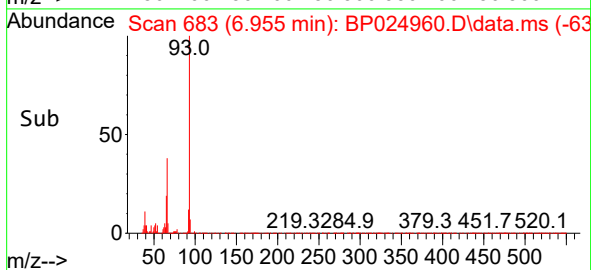
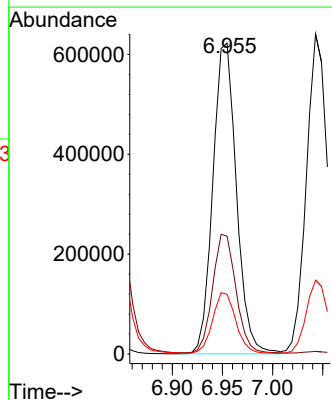
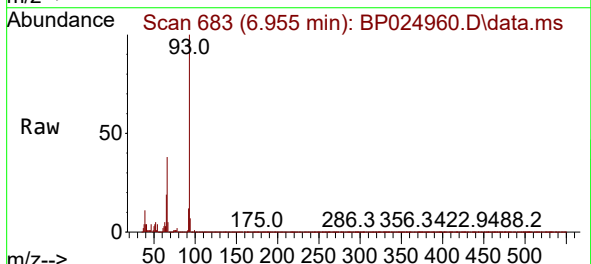
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ClientSampleId :
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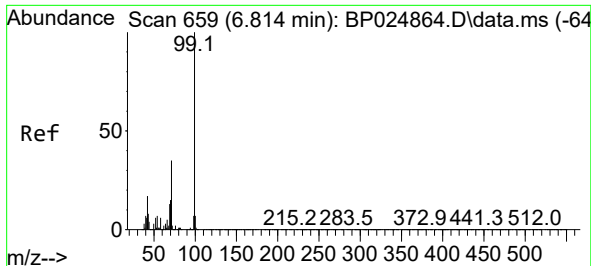
Tgt Ion:112 Resp: 2824748
Ion Ratio Lower Upper
112 100
64 55.1 44.7 67.1
63 28.1 23.5 35.3



#6
Aniline
Concen: 33.465 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion: 93 Resp: 1016624
Ion Ratio Lower Upper
93 100
66 37.9 30.9 46.3
65 19.2 15.5 23.3

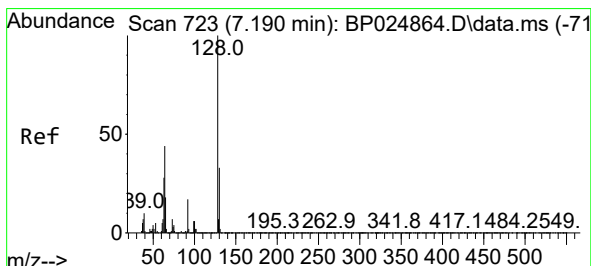
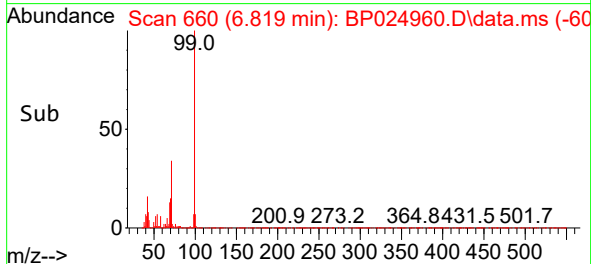
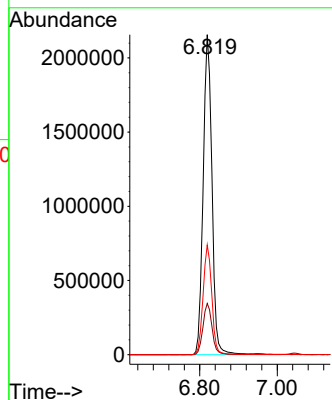
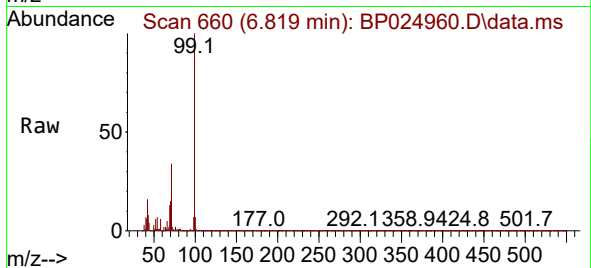




#7
Phenol-d6
Concen: 143.091 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

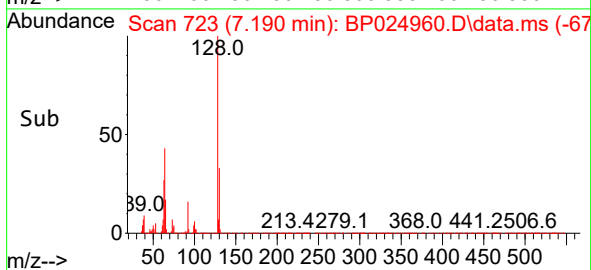
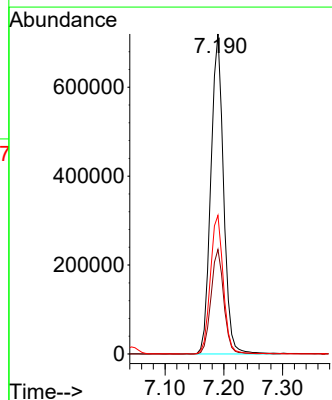
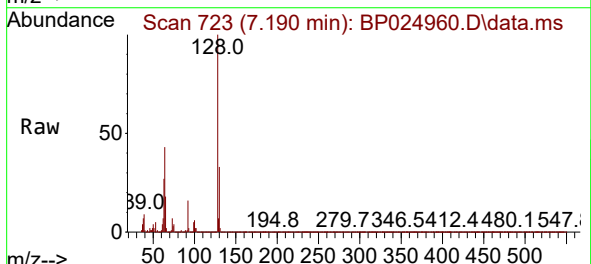
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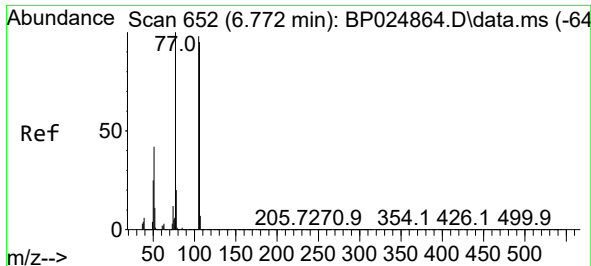
Tgt Ion: 99 Resp: 3406263
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 34.3 27.6 41.4



#8
2-Chlorophenol
Concen: 53.009 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion: 128 Resp: 1081170
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 43.3 24.1 64.1

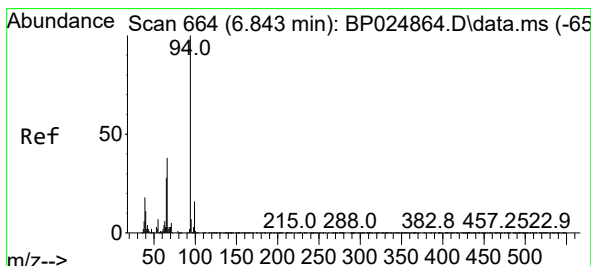
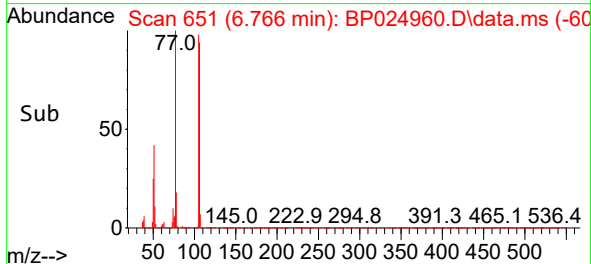
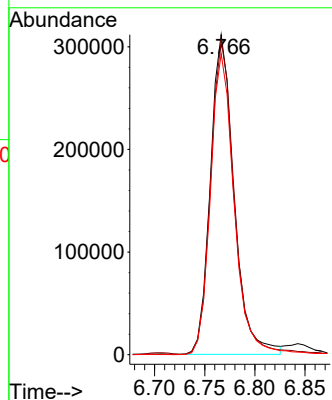
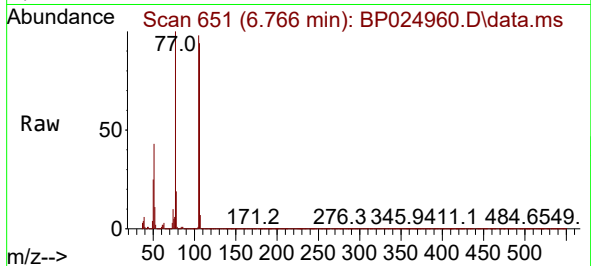




#9
Benzaldehyde
Concen: 37.153 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

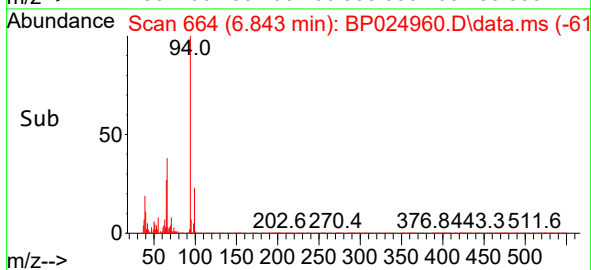
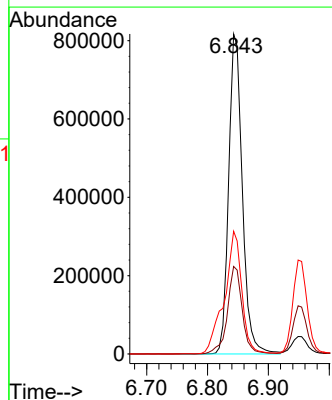
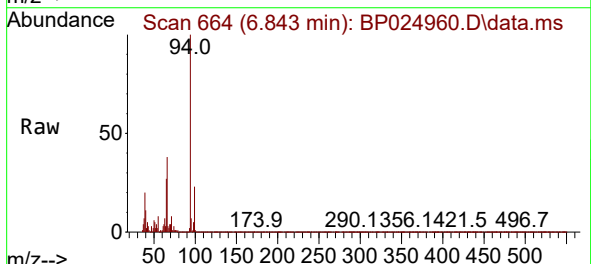
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ClientSampleId :
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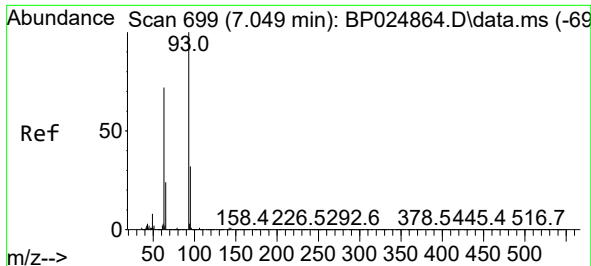
Tgt Ion: 77 Resp: 509772
Ion Ratio Lower Upper
77 100
105 98.3 77.7 117.7
106 94.0 74.8 114.8



#10
Phenol
Concen: 51.948 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion: 94 Resp: 1274827
Ion Ratio Lower Upper
94 100
65 27.4 8.3 48.3
66 38.3 18.2 58.2



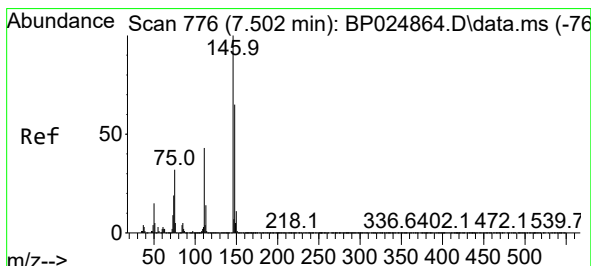
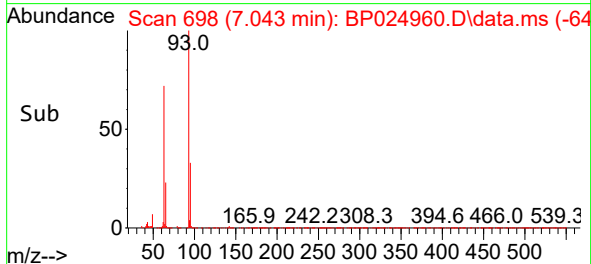
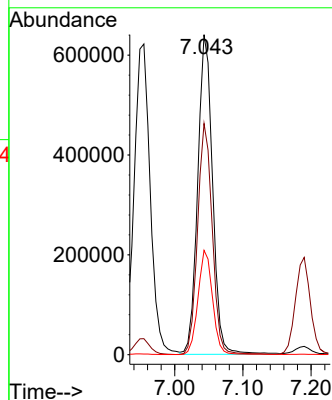
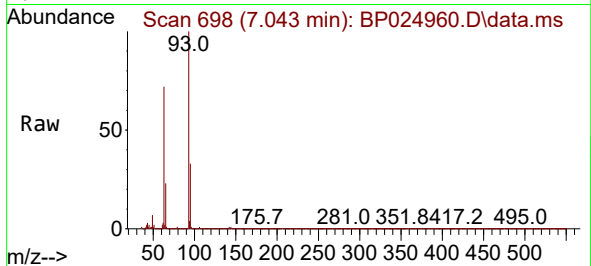


#11
 bis(2-Chloroethyl)ether
 Concen: 50.432 ng
 RT: 7.043 min Scan# 699
 Delta R.T. -0.006 min
 Lab File: BP024960.D
 Acq: 16 Jun 2025 14:16

Instrument :
 BNA_P
 ClientSampleId :
 PB168456BSD

Tgt Ion: 93 Resp: 973409

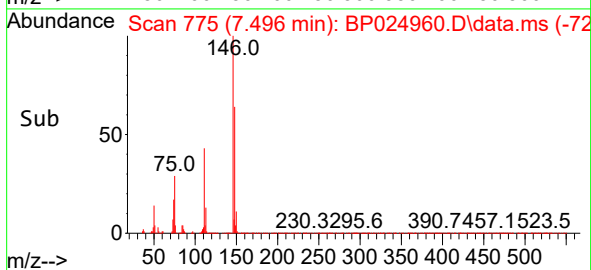
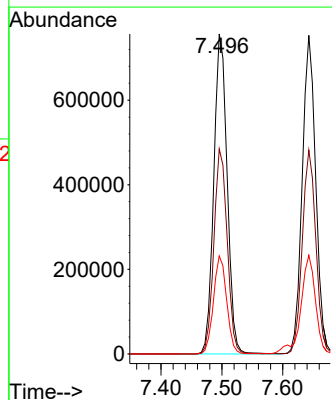
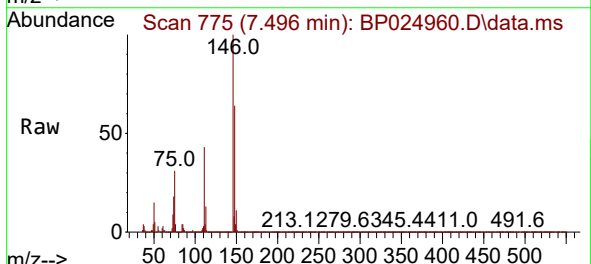
Ion	Ratio	Lower	Upper
93	100		
63	72.2	51.6	91.6
95	32.6	12.1	52.1

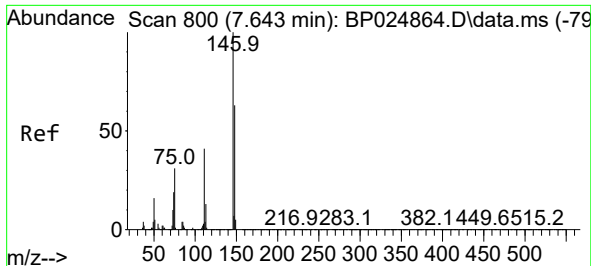


#12
 1,3-Dichlorobenzene
 Concen: 50.695 ng
 RT: 7.496 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: BP024960.D
 Acq: 16 Jun 2025 14:16

Tgt Ion: 146 Resp: 1153467

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	30.6	25.3	37.9

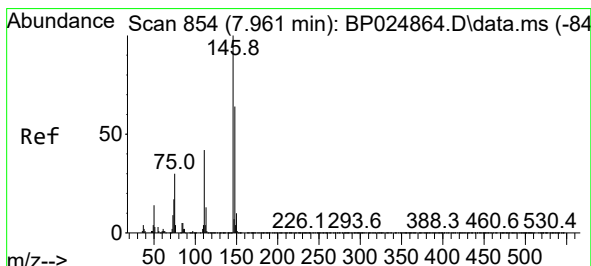
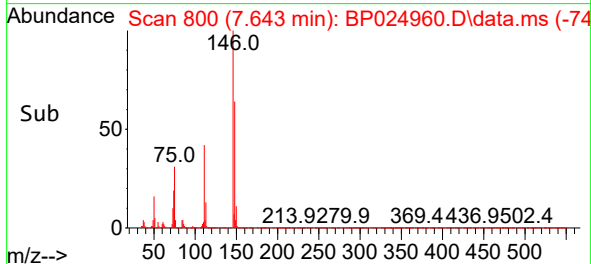
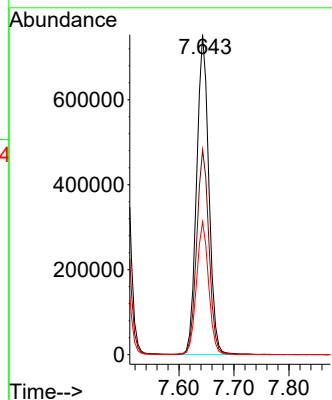
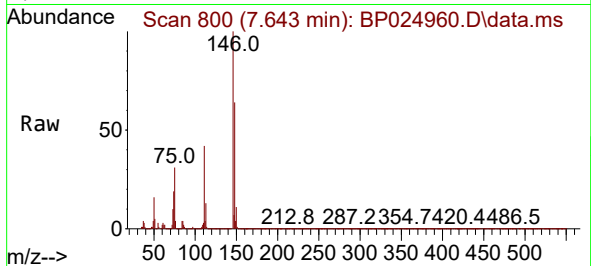




#13
1,4-Dichlorobenzene
Concen: 50.546 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

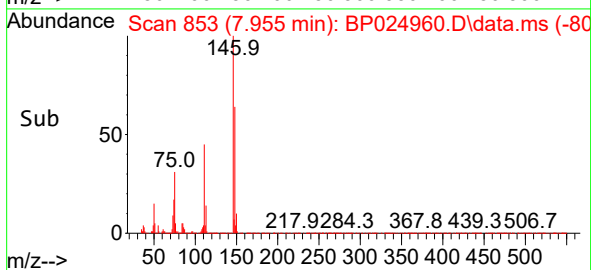
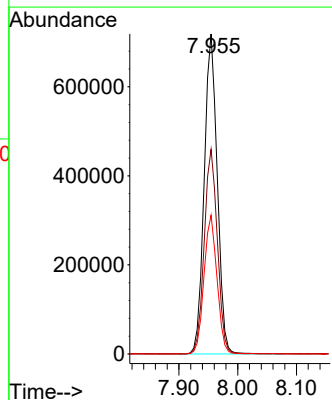
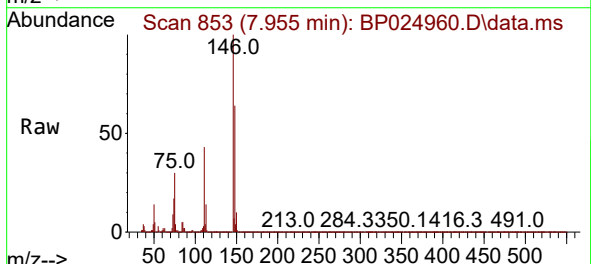
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

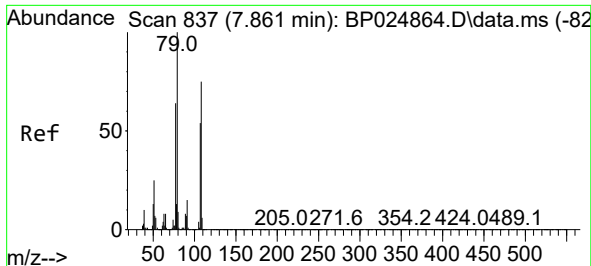
Tgt Ion:146 Resp: 1160430
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 41.5 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 49.277 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:146 Resp: 1110903
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 43.3 33.8 50.8

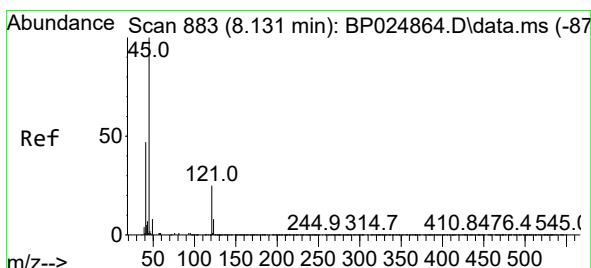
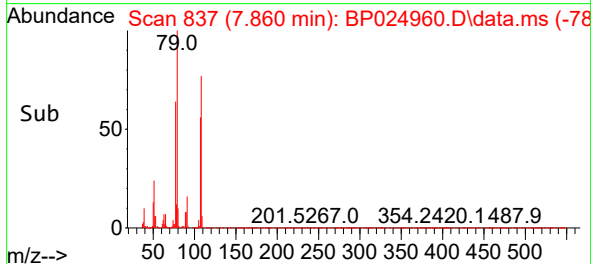
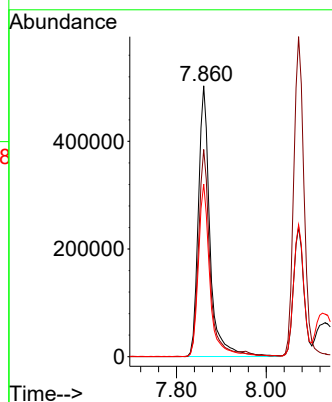
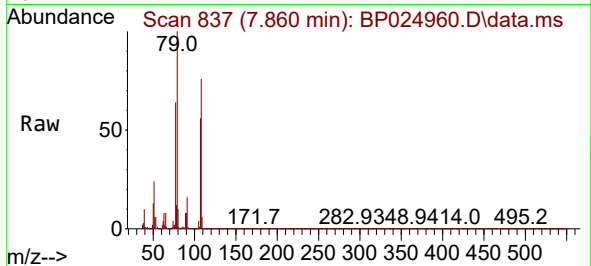




#15
Benzyl Alcohol
Concen: 49.448 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

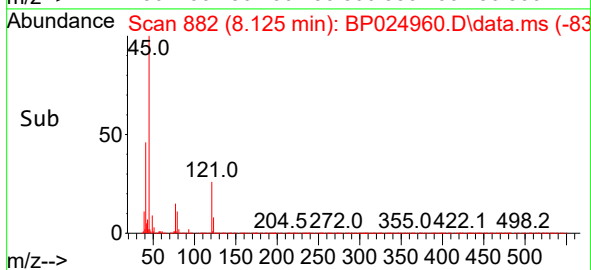
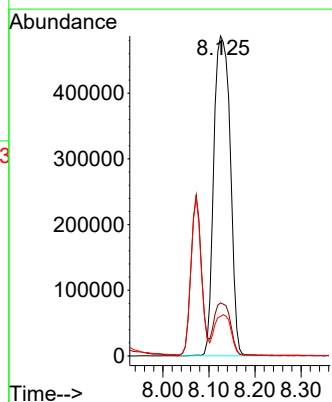
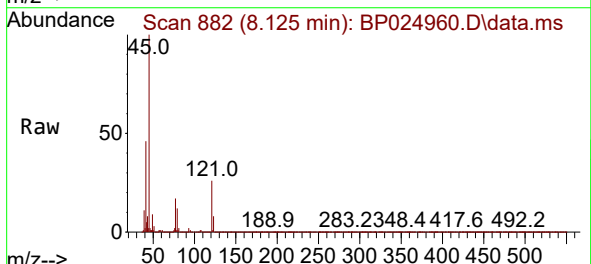
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

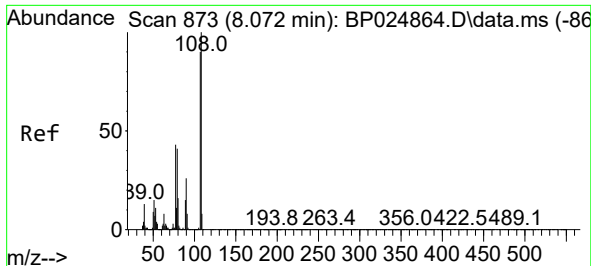
Tgt Ion: 79 Resp: 903393
Ion Ratio Lower Upper
79 100
108 76.5 60.2 90.4
77 63.7 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.828 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion: 45 Resp: 1208271
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.3
79 12.4 0.0 32.2

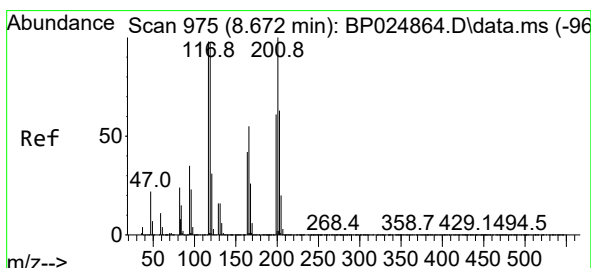
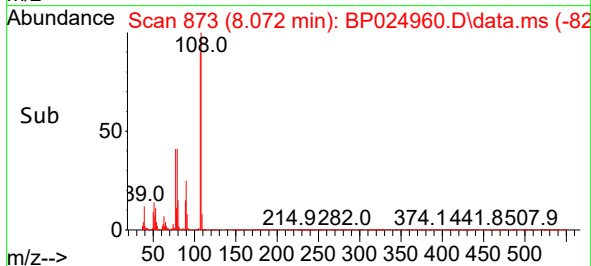
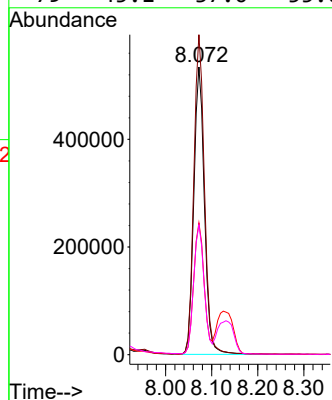
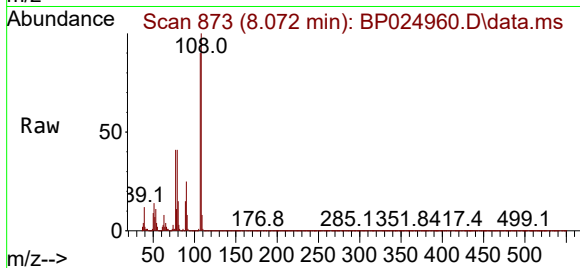




#17
2-Methylphenol
Concen: 49.591 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

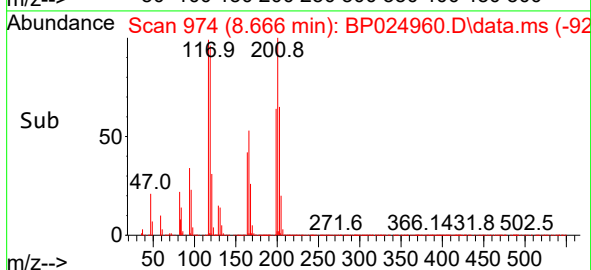
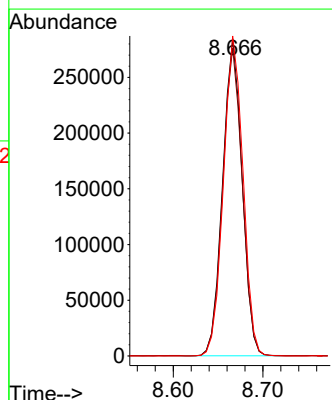
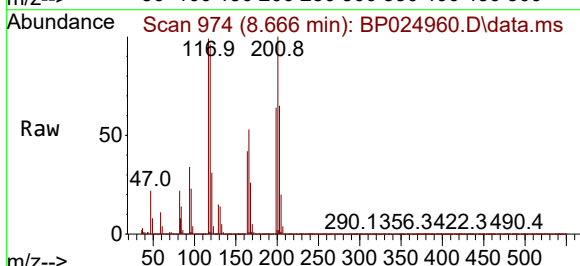
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

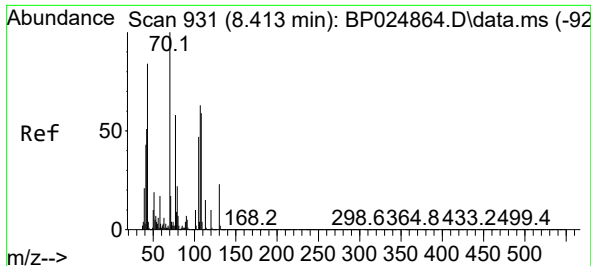
Tgt Ion:	107	Resp:	849825
Ion	Ratio	Lower	Upper
107	100		
108	111.2	88.6	132.8
77	45.8	38.5	57.7
79	45.1	37.0	55.6



#18
Hexachloroethane
Concen: 49.585 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:	117	Resp:	428585
Ion	Ratio	Lower	Upper
117	100		
119	97.1	79.4	119.2
201	100.9	81.4	122.2

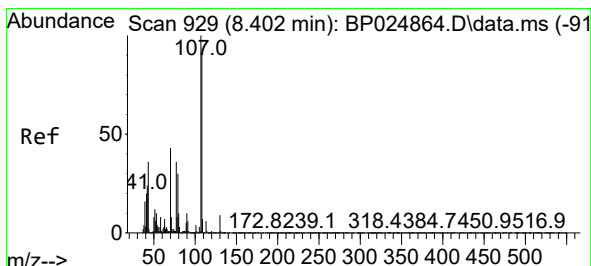
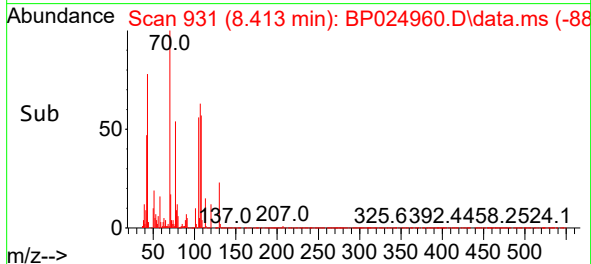
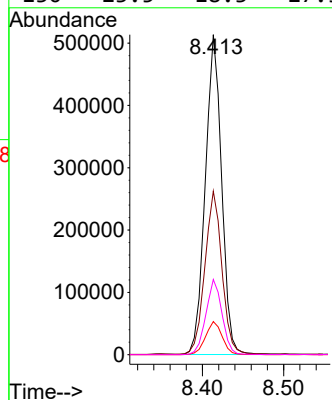
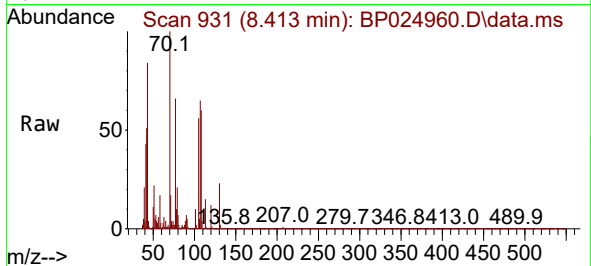




#19
n-Nitroso-di-n-propylamine
Concen: 44.281 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

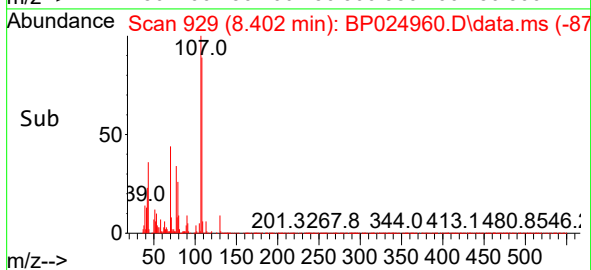
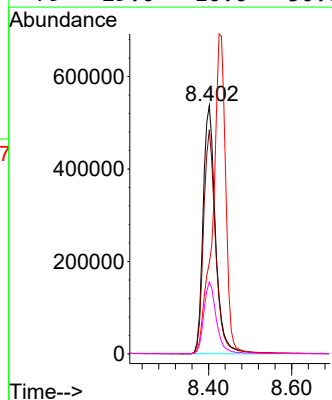
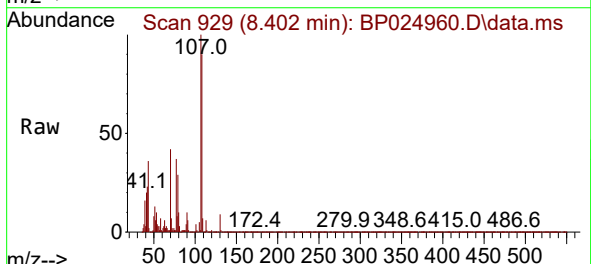
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

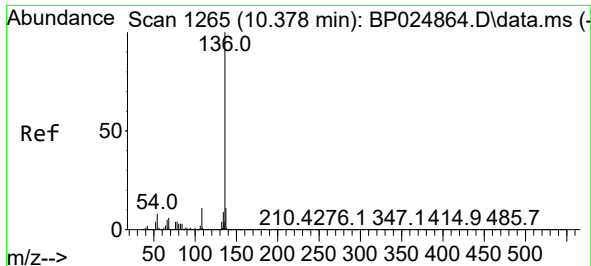
Tgt Ion: 70 Resp: 716587
Ion Ratio Lower Upper
70 100
42 51.1 41.2 61.8
101 10.3 8.3 12.5
130 23.5 18.3 27.5



#20
3+4-Methylphenols
Concen: 47.691 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion: 107 Resp: 1115027
Ion Ratio Lower Upper
107 100
108 90.2 70.7 110.7
77 36.7 16.6 56.6
79 29.0 10.0 50.0

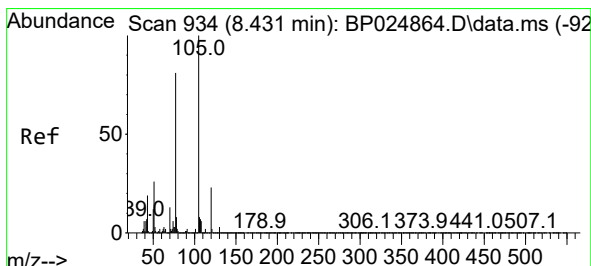
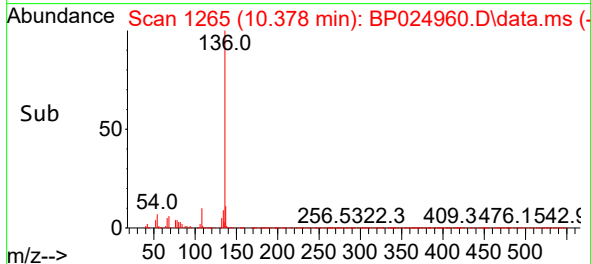
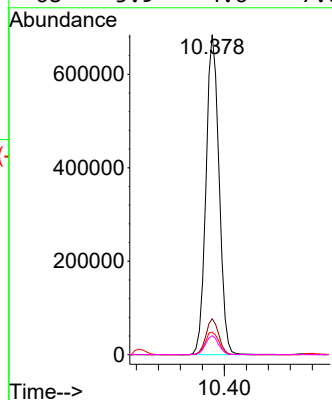
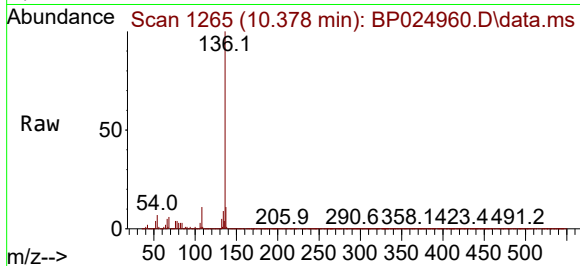




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

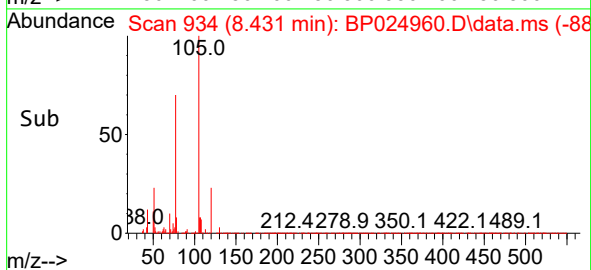
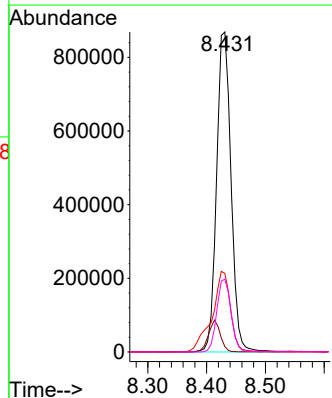
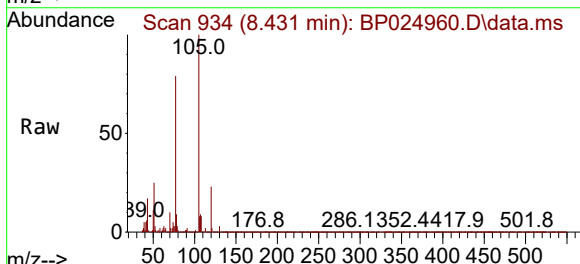
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

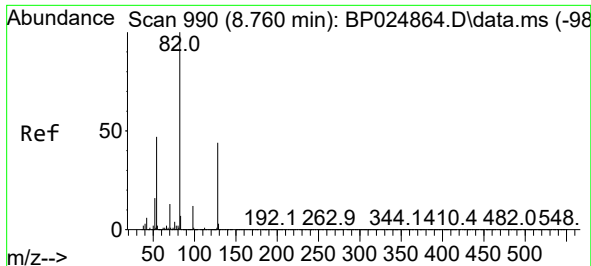
Tgt Ion:136 Resp: 1127509
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.1 6.1 9.1
68 5.9 4.6 7.0



#22
Acetophenone
Concen: 51.953 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:105 Resp: 1479966
Ion Ratio Lower Upper
105 100
71 1.7 1.6 2.4
51 24.5 20.6 31.0
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 90.998 ng

RT: 8.766 min Scan# 991

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

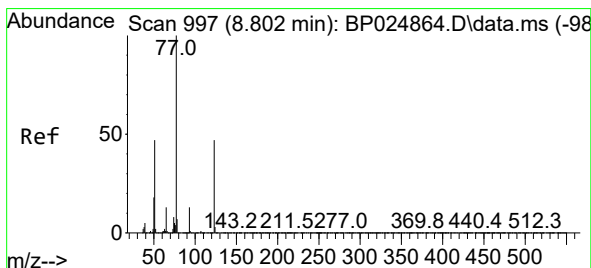
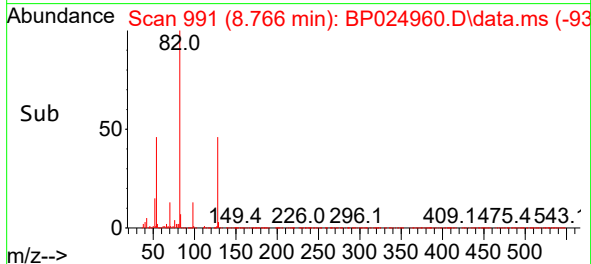
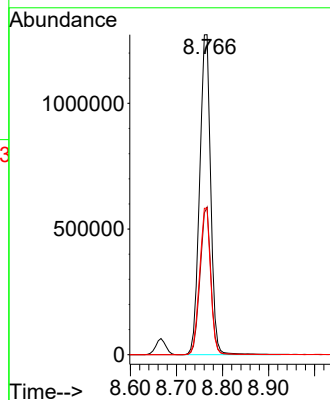
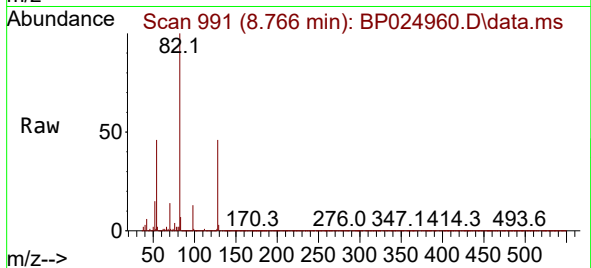
Tgt Ion: 82 Resp: 2111444

Ion Ratio Lower Upper

82 100

128 46.1 35.3 52.9

54 45.8 37.4 56.0



#24

Nitrobenzene

Concen: 52.802 ng

RT: 8.807 min Scan# 998

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

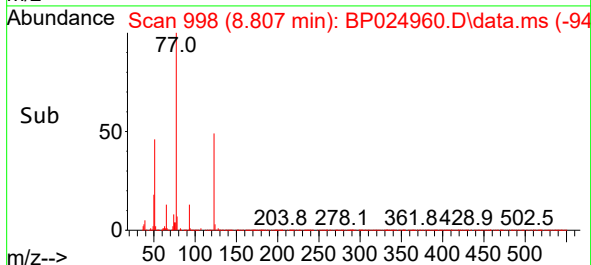
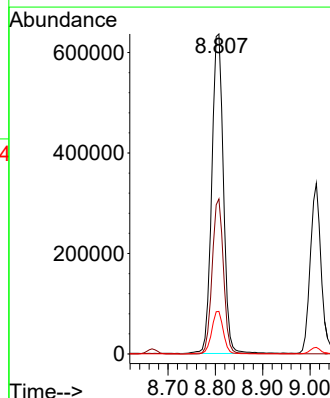
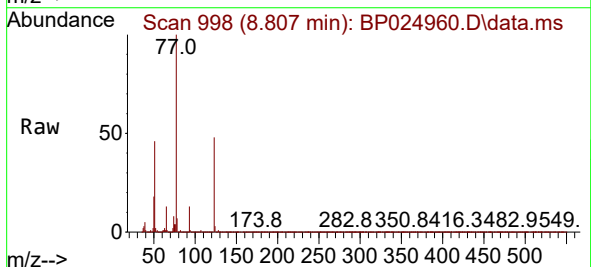
Tgt Ion: 77 Resp: 1088416

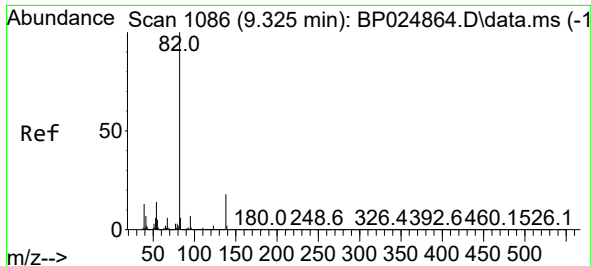
Ion Ratio Lower Upper

77 100

123 48.5 37.3 55.9

65 13.3 10.8 16.2

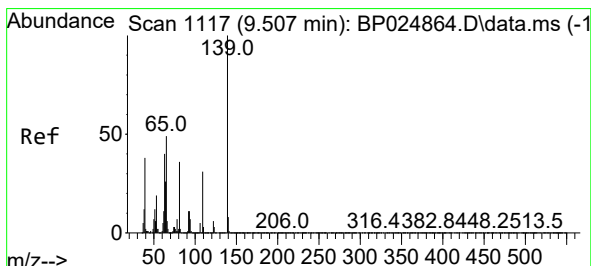
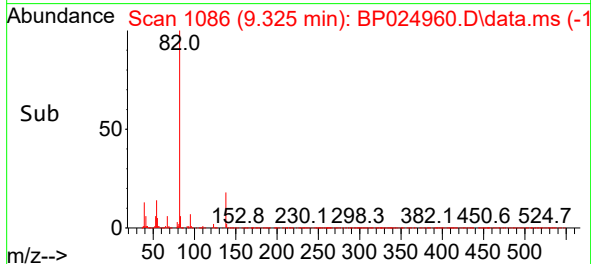
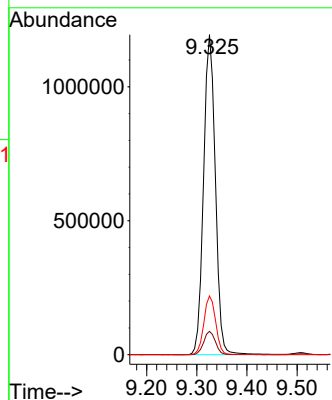
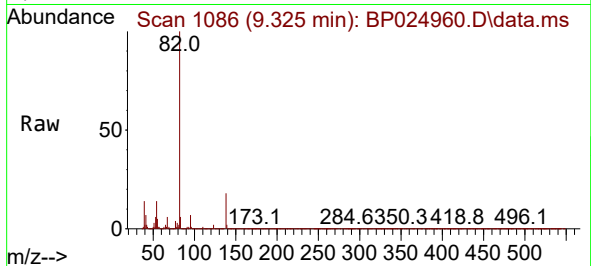




#25
Isophorone
Concen: 48.503 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

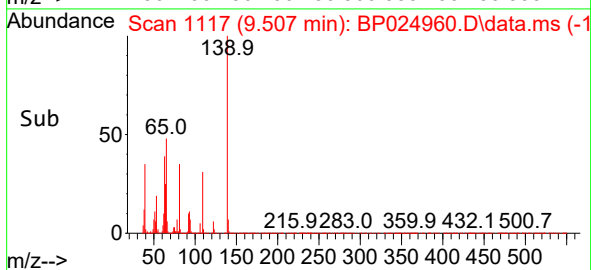
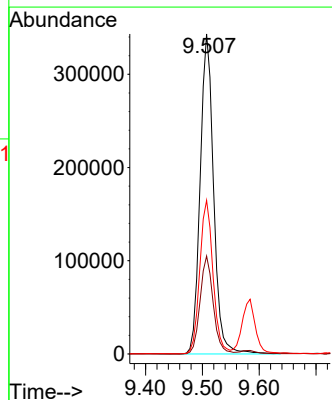
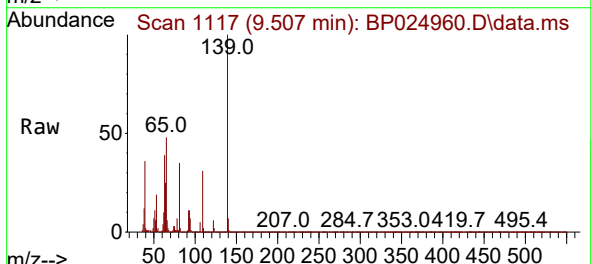
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

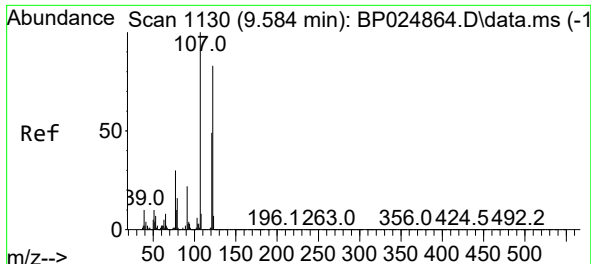
Tgt Ion: 82 Resp: 1950487
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.4 14.6 21.8



#26
2-Nitrophenol
Concen: 55.693 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:139 Resp: 566440
Ion Ratio Lower Upper
139 100
109 30.6 24.6 37.0
65 48.0 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 51.970 ng

RT: 9.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

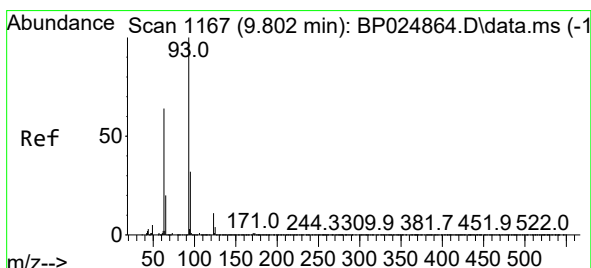
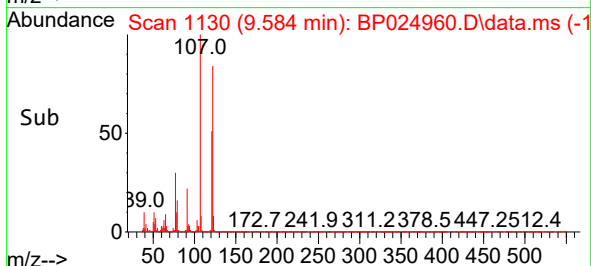
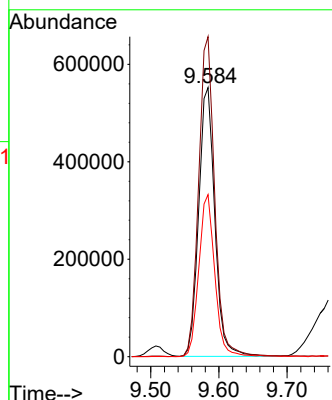
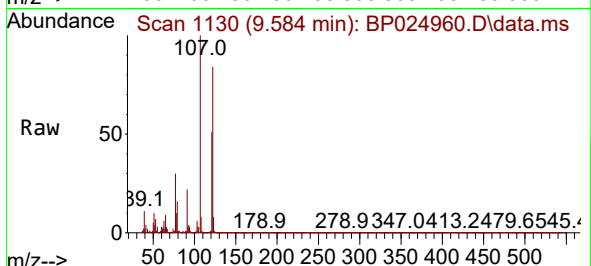
Tgt Ion:122 Resp: 904616

Ion Ratio Lower Upper

122 100

107 118.9 96.2 144.4

121 60.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 49.648 ng

RT: 9.802 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

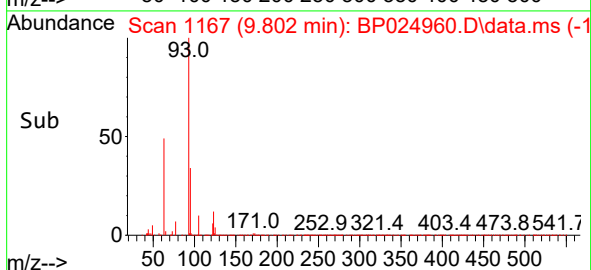
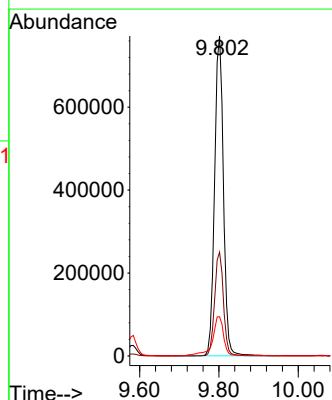
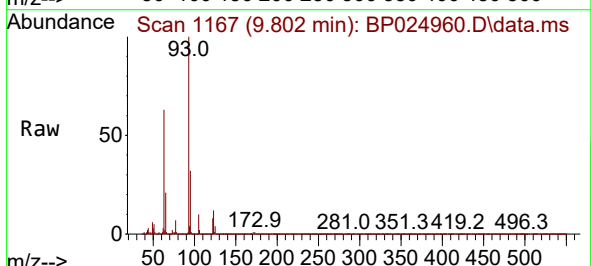
Tgt Ion: 93 Resp: 1190959

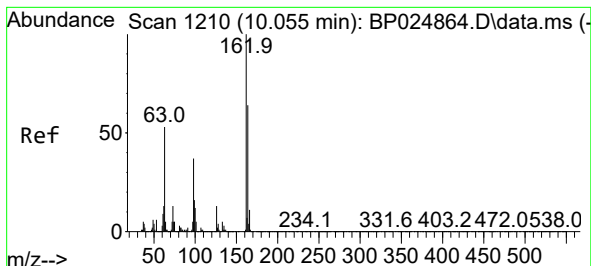
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 54.023 ng

RT: 10.060 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

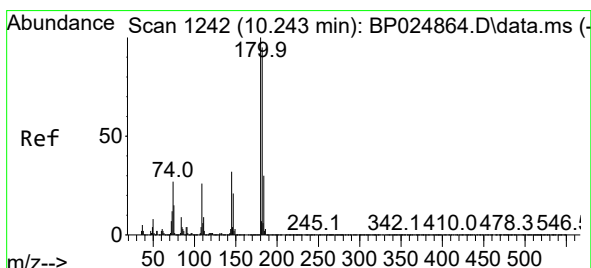
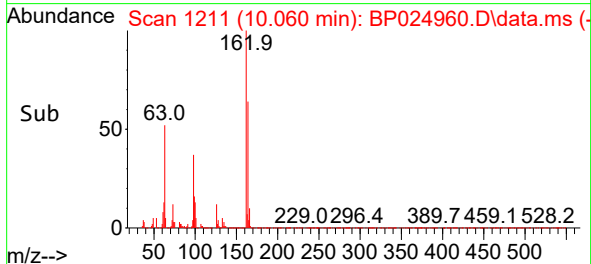
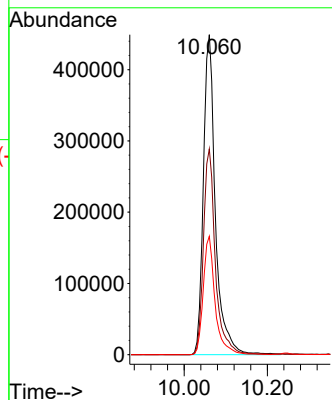
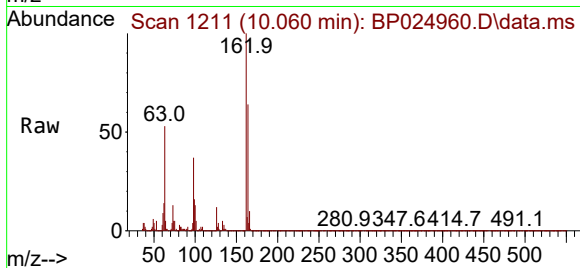
Tgt Ion:162 Resp: 902272

Ion Ratio Lower Upper

162 100

164 64.3 44.0 84.0

98 37.0 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 52.218 ng

RT: 10.249 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

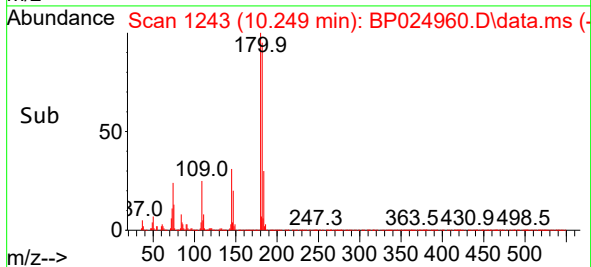
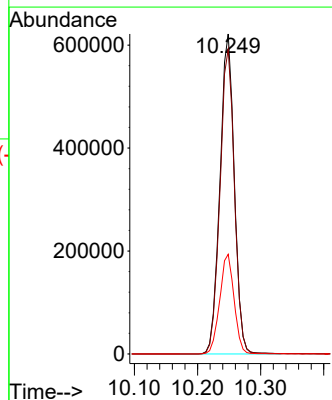
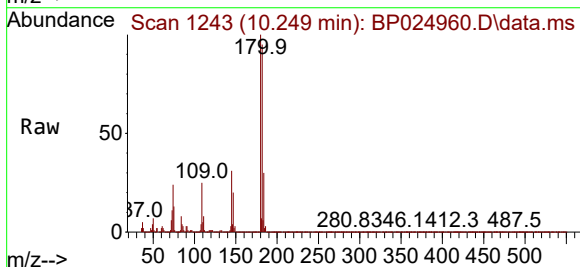
Tgt Ion:180 Resp: 983669

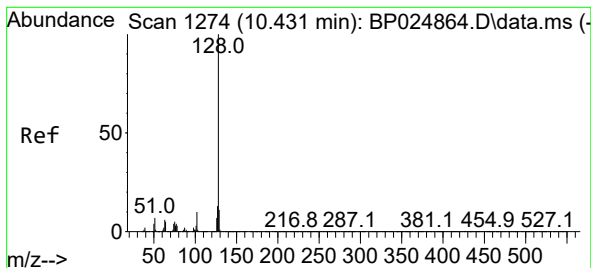
Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.6

145 31.2 25.7 38.5

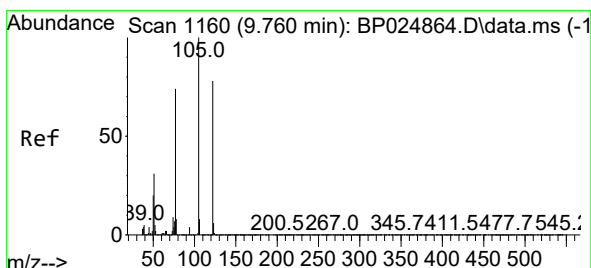
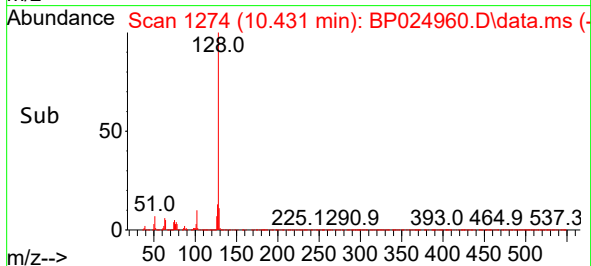
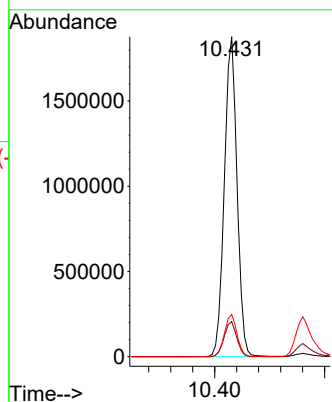
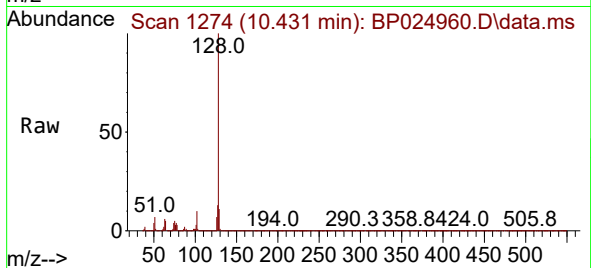




#31
Naphthalene
Concen: 51.846 ng
RT: 10.431 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

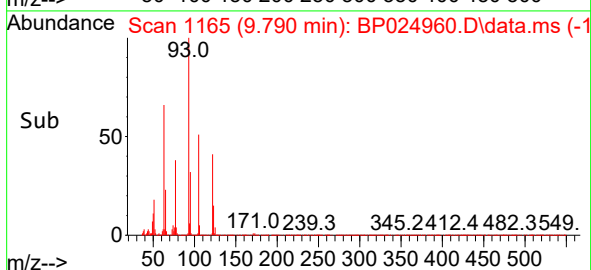
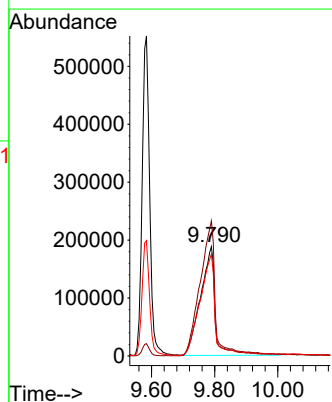
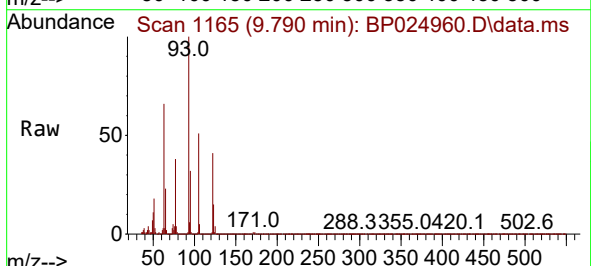
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

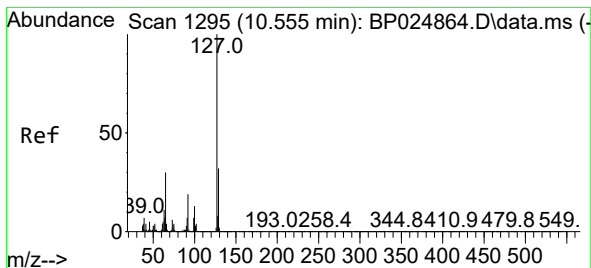
Tgt Ion:128 Resp: 2995722
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 52.423 ng
RT: 9.790 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:122 Resp: 616633
Ion Ratio Lower Upper
122 100
105 123.6 107.1 147.1
77 93.3 75.1 115.1





#33

4-Chloroaniline

Concen: 20.421 ng

RT: 10.560 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

Tgt Ion:127 Resp: 494356

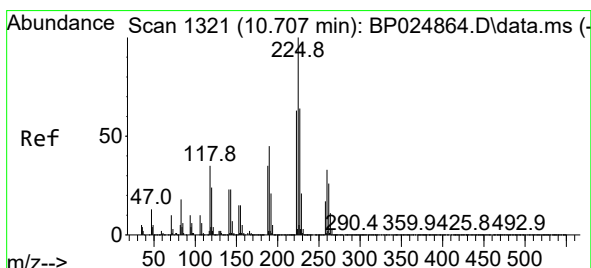
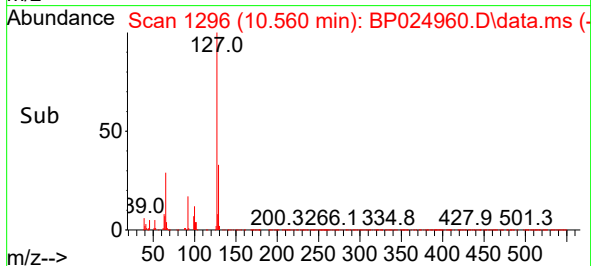
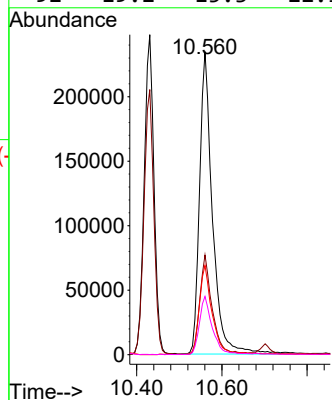
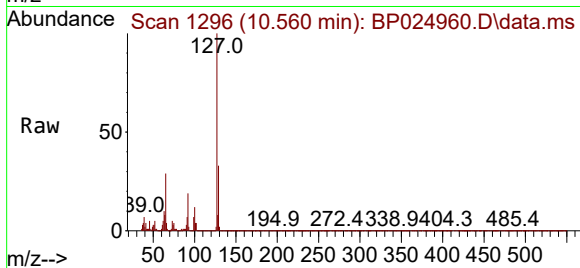
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 29.5 23.9 35.9

92 19.2 15.3 22.9



#34

Hexachlorobutadiene

Concen: 53.272 ng

RT: 10.701 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

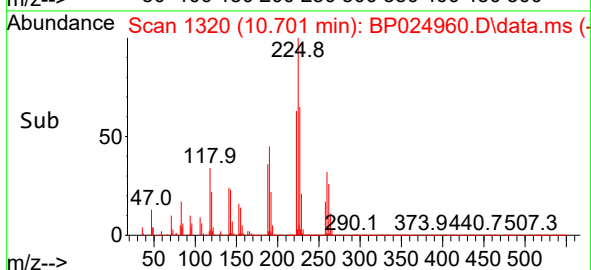
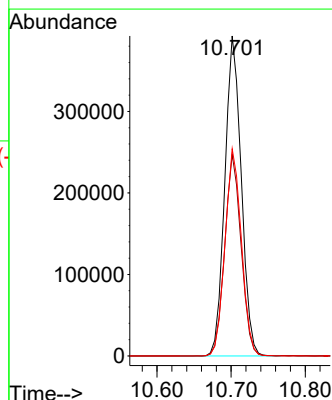
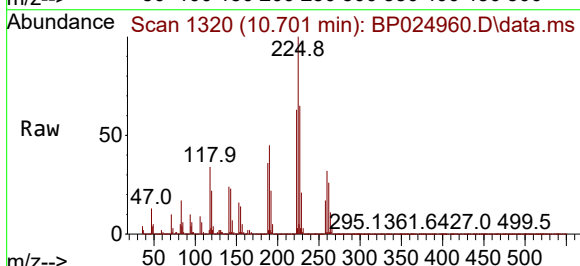
Tgt Ion:225 Resp: 604832

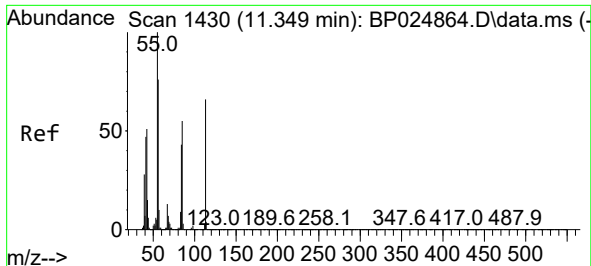
Ion Ratio Lower Upper

225 100

223 62.9 50.5 75.7

227 64.7 51.4 77.2

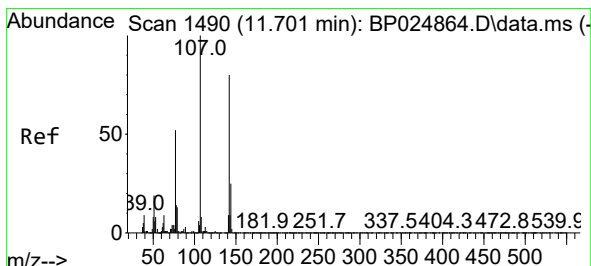
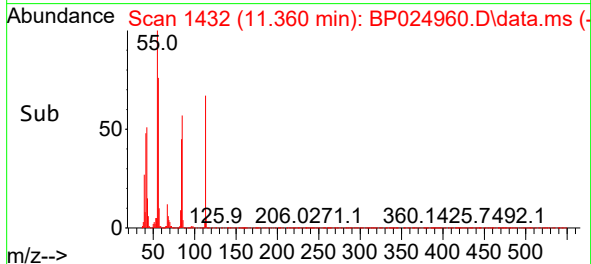
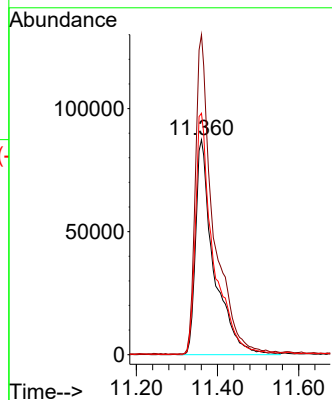
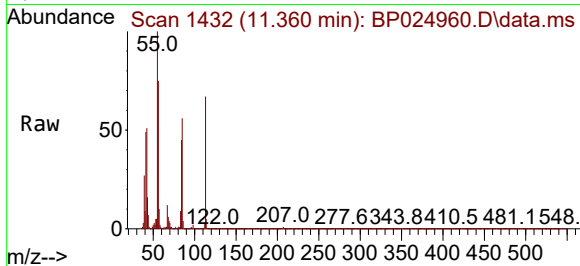




#35
Caprolactam
Concen: 44.109 ng
RT: 11.360 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

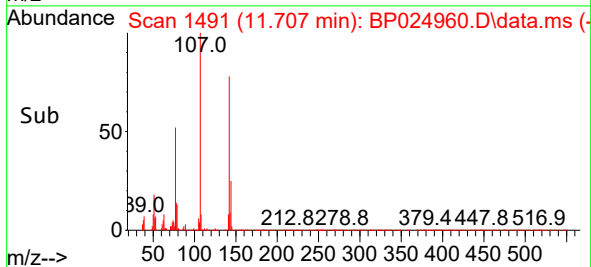
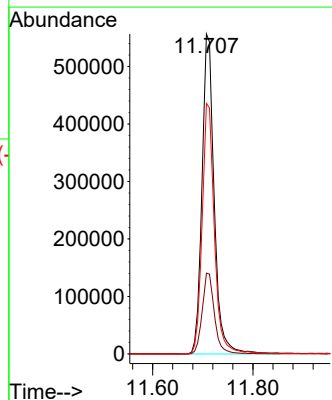
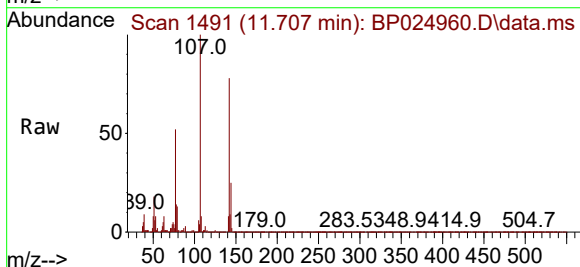
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

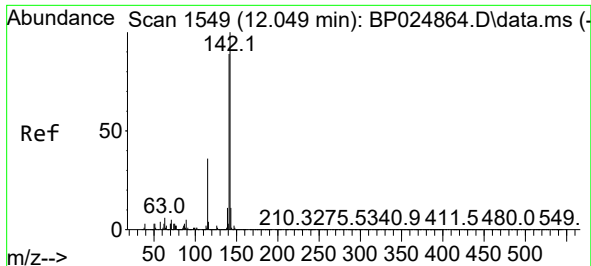
Tgt Ion:113 Resp: 271177
Ion Ratio Lower Upper
113 100
55 148.9 132.5 172.5
56 112.3 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 48.783 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:107 Resp: 939773
Ion Ratio Lower Upper
107 100
144 25.3 20.4 30.6
142 78.3 63.8 95.6

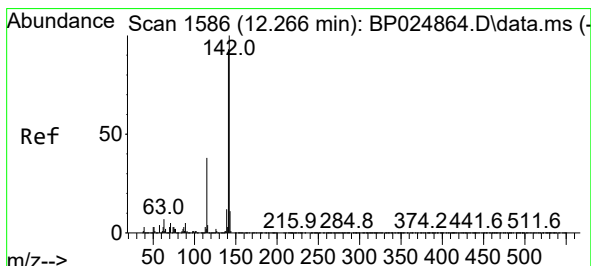
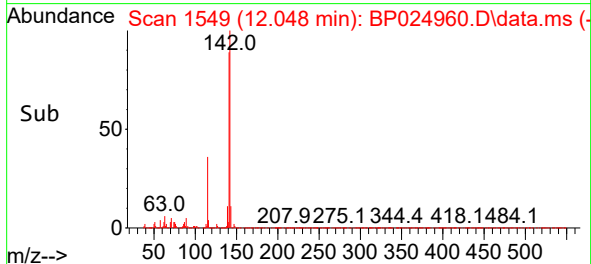
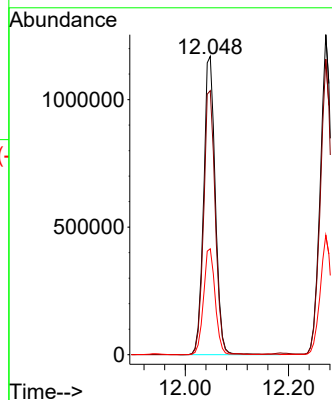
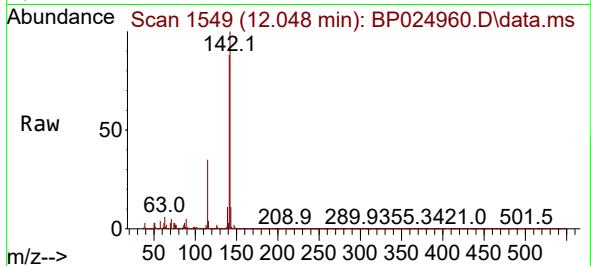




#37
2-Methylnaphthalene
Concen: 49.980 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

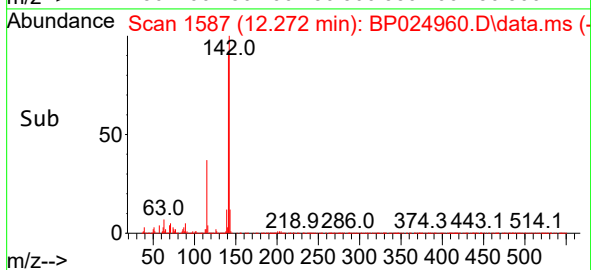
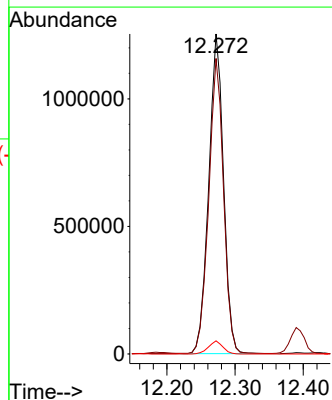
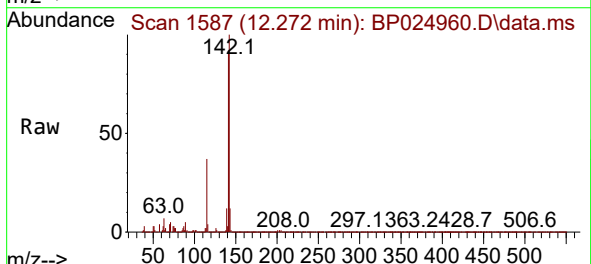
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

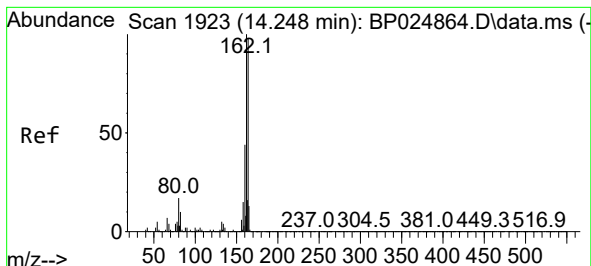
Tgt Ion:142 Resp: 1831831
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8
115 35.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 48.399 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:142 Resp: 1896481
Ion Ratio Lower Upper
142 100
141 92.4 74.7 112.1
116 4.1 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: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

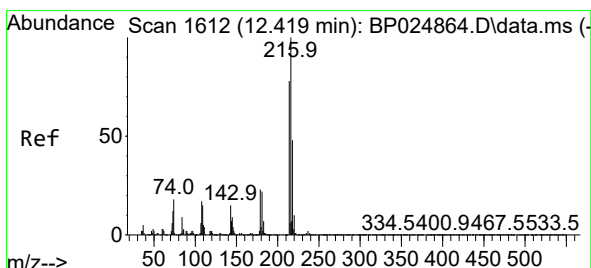
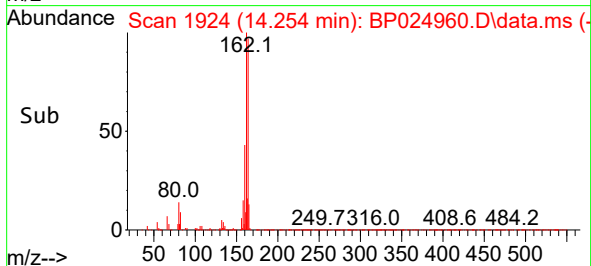
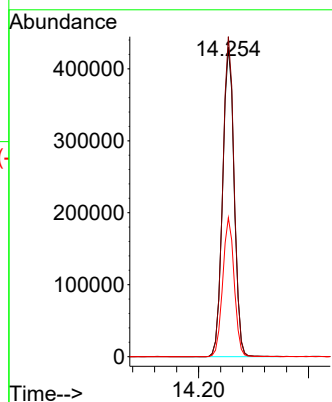
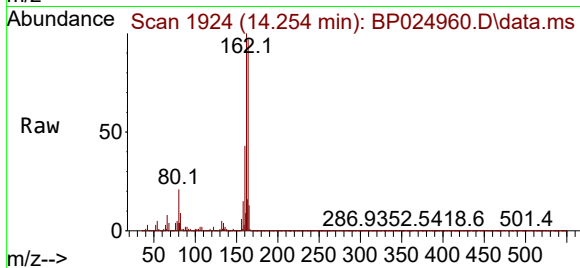
Tgt Ion:164 Resp: 625659

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

160 44.9 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.150 ng

RT: 12.425 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Tgt Ion:216 Resp: 1014609

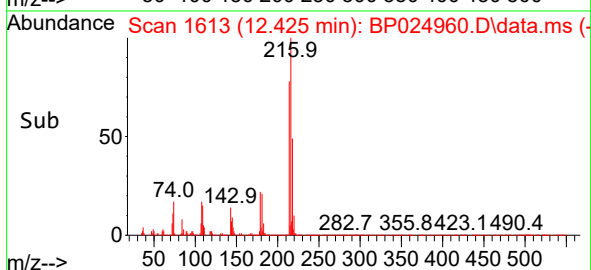
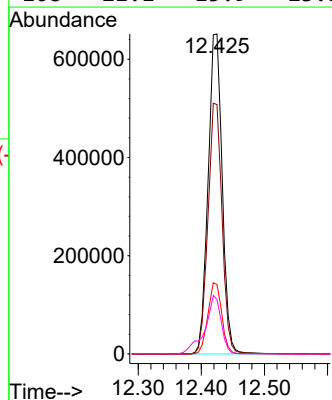
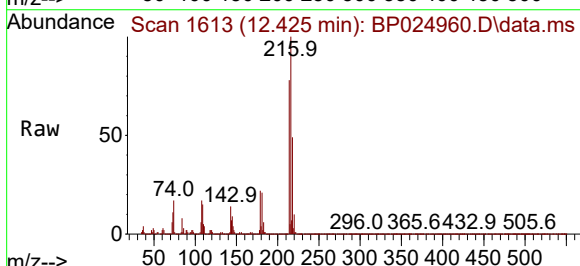
Ion Ratio Lower Upper

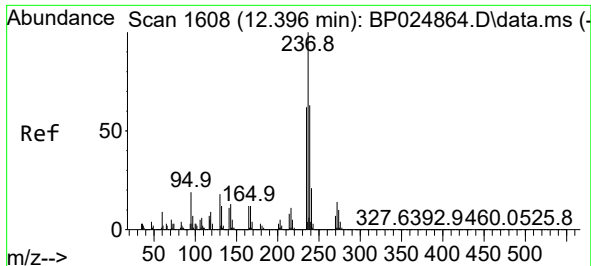
216 100

214 78.2 63.0 94.4

179 22.0 17.8 26.6

108 21.1 15.9 23.9

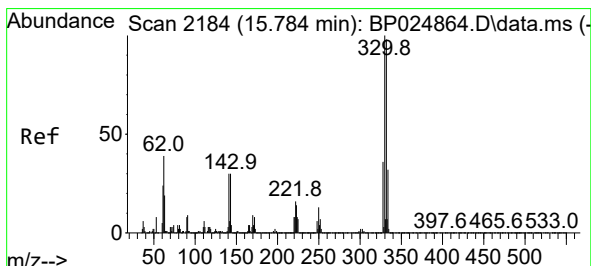
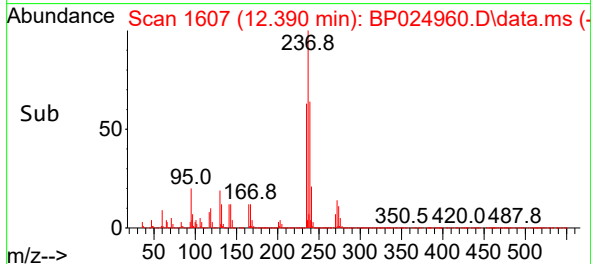
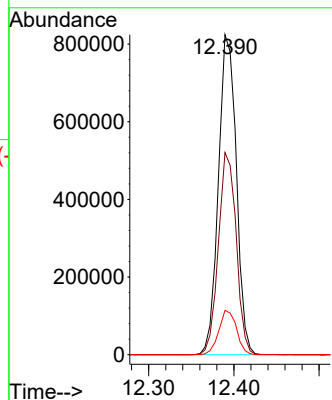
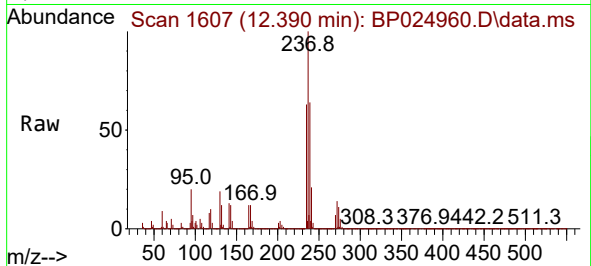




#41
Hexachlorocyclopentadiene
Concen: 111.148 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

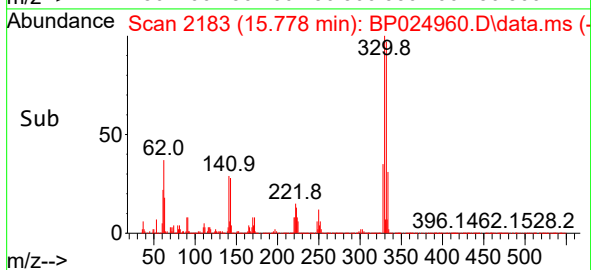
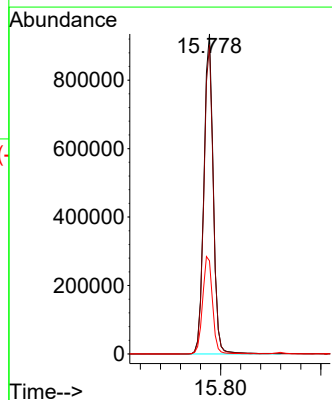
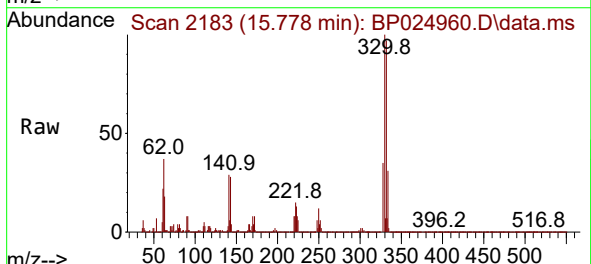
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

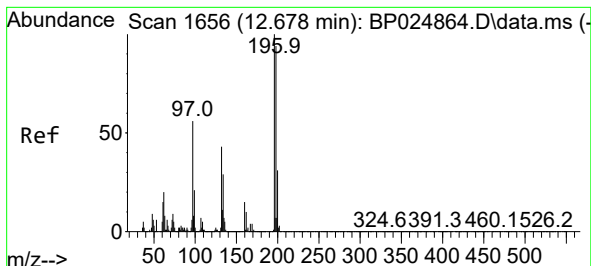
Tgt Ion:237 Resp: 1203555
Ion Ratio Lower Upper
237 100
235 63.2 41.9 81.9
272 13.9 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 140.287 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:330 Resp: 1213492
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 32.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 56.254 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

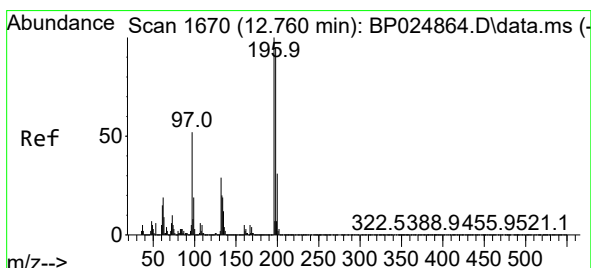
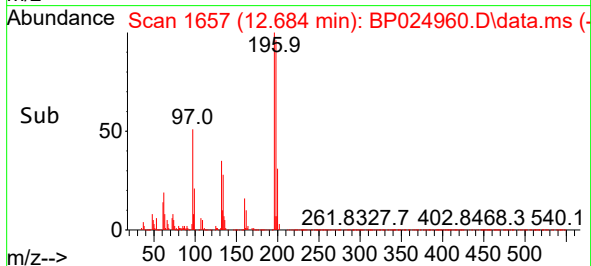
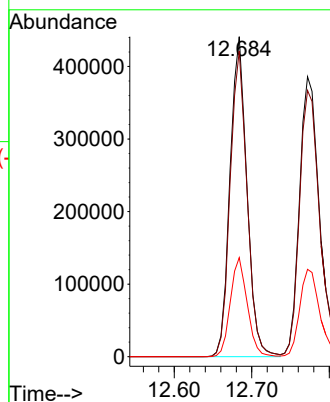
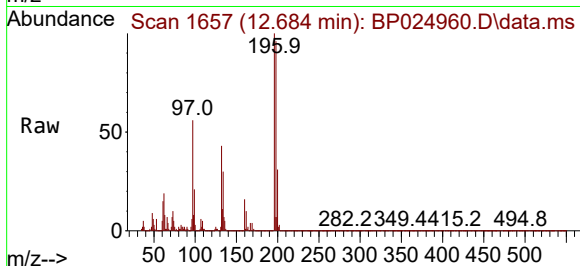
Tgt Ion:196 Resp: 670687

Ion Ratio Lower Upper

196 100

198 95.5 75.4 113.0

200 31.0 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 56.886 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Tgt Ion:196 Resp: 726345

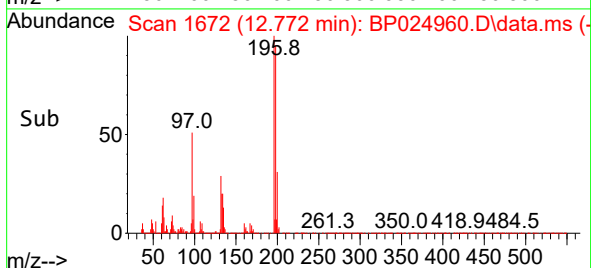
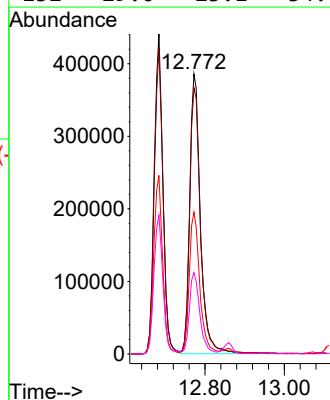
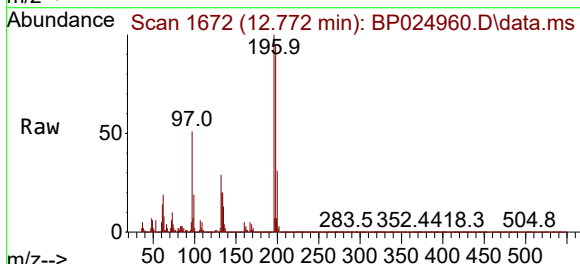
Ion Ratio Lower Upper

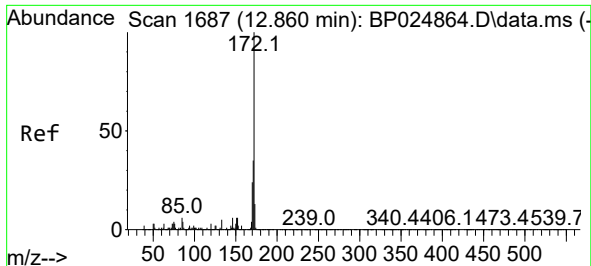
196 100

198 95.1 76.0 114.0

97 50.6 41.5 62.3

132 29.0 23.1 34.7

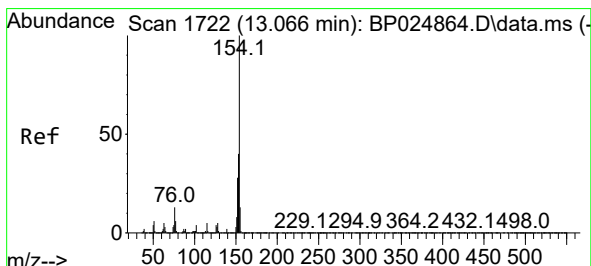
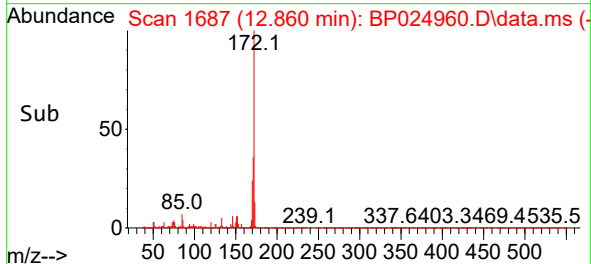
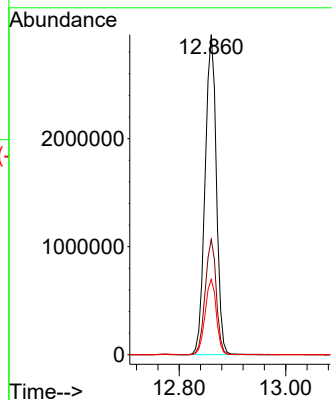
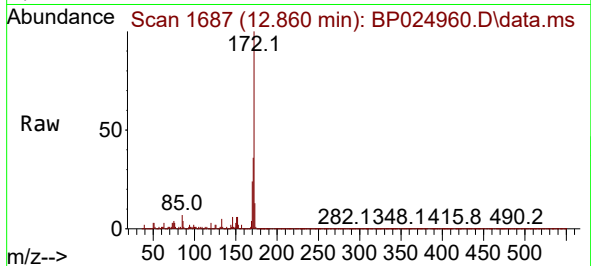




#45
2-Fluorobiphenyl
Concen: 93.514 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

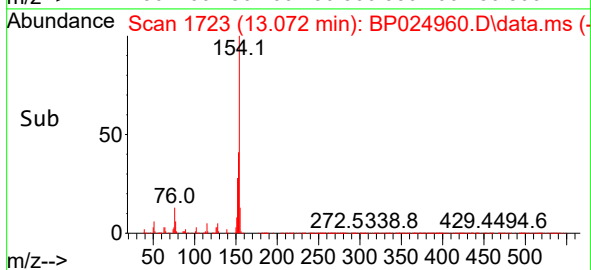
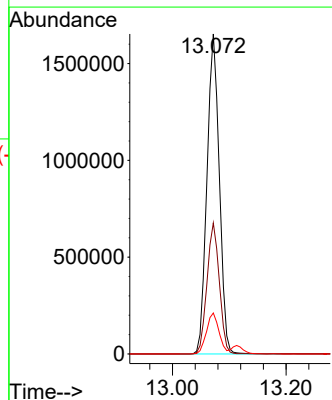
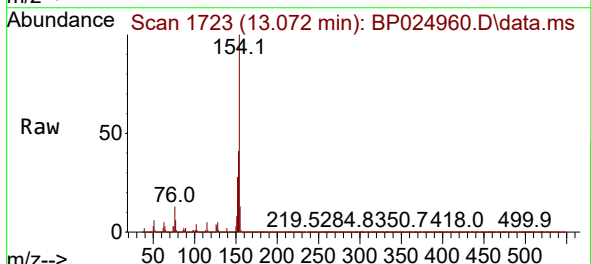
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

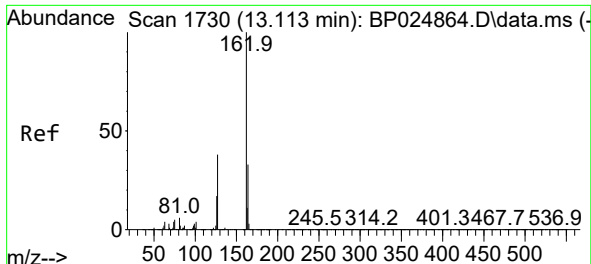
Tgt Ion:172 Resp: 4343189
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 54.616 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:154 Resp: 2483307
Ion Ratio Lower Upper
154 100
153 40.9 20.3 60.3
76 12.8 0.0 33.0

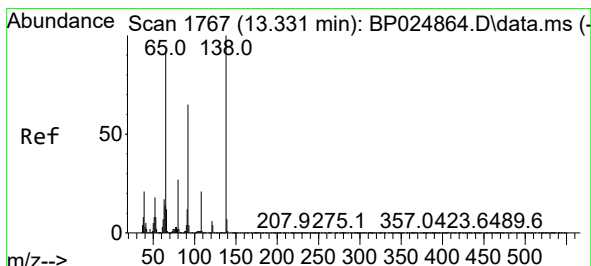
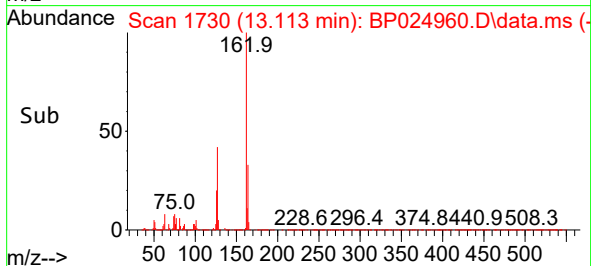
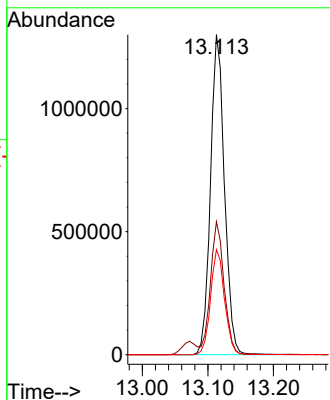
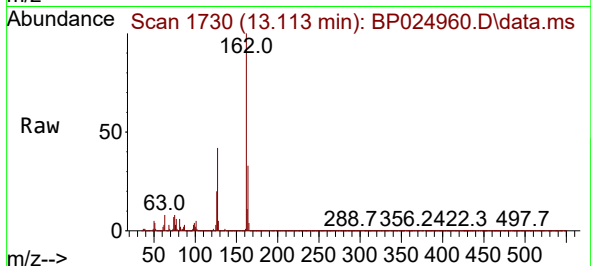




#47
2-Chloronaphthalene
Concen: 55.069 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

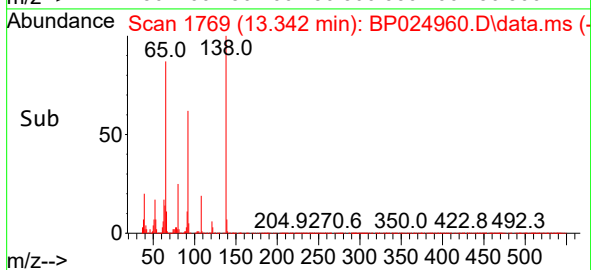
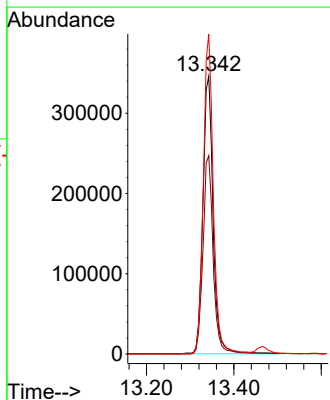
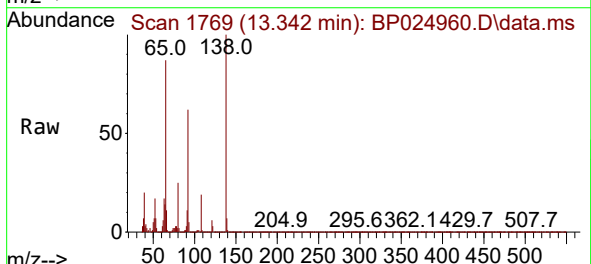
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

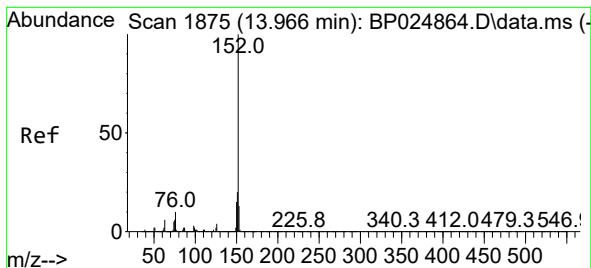
Tgt Ion:162 Resp: 1924434
Ion Ratio Lower Upper
162 100
127 41.6 32.5 48.7
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 52.577 ng
RT: 13.342 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion: 65 Resp: 564868
Ion Ratio Lower Upper
65 100
92 71.4 56.8 85.2
138 115.2 86.9 130.3





#49

Acenaphthylene

Concen: 52.281 ng

RT: 13.972 min Scan# 1876

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

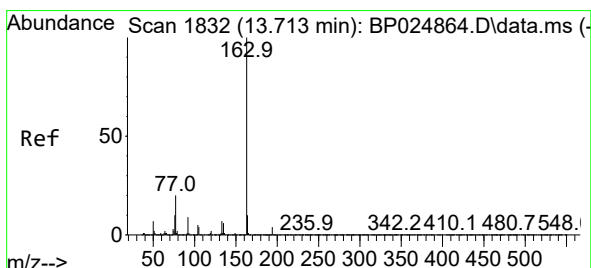
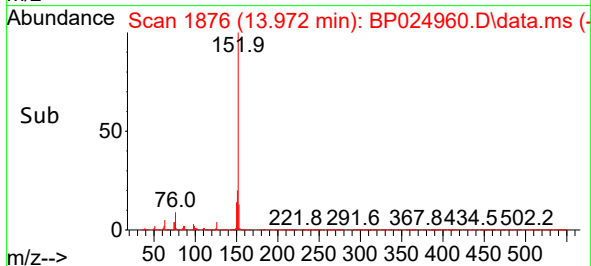
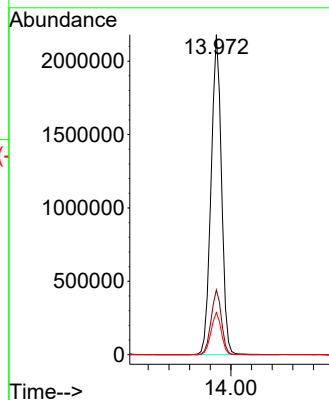
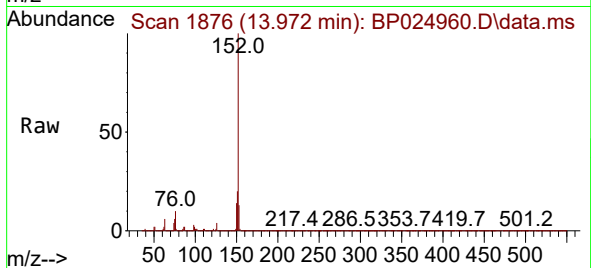
Tgt Ion:152 Resp: 3046288

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 49.349 ng

RT: 13.713 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

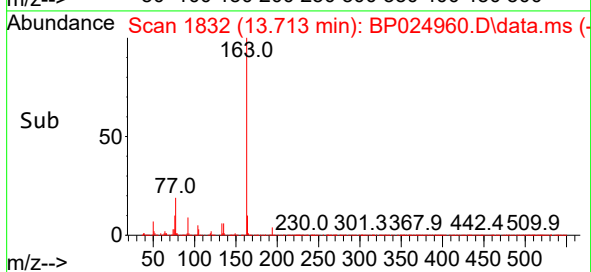
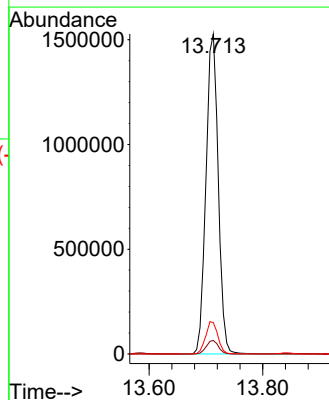
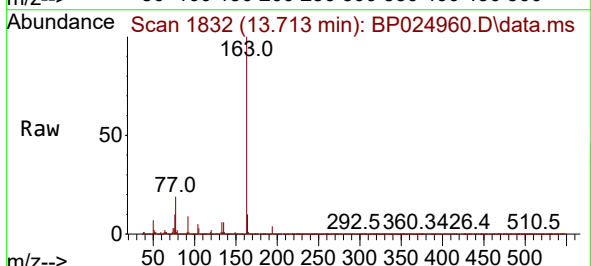
Tgt Ion:163 Resp: 2277628

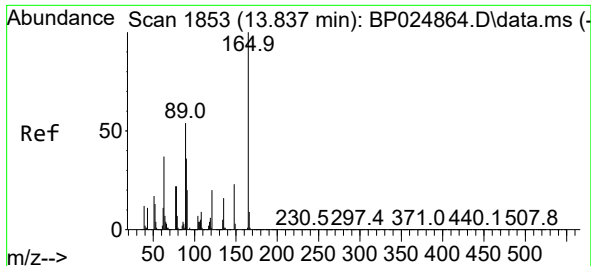
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 8.0 12.0

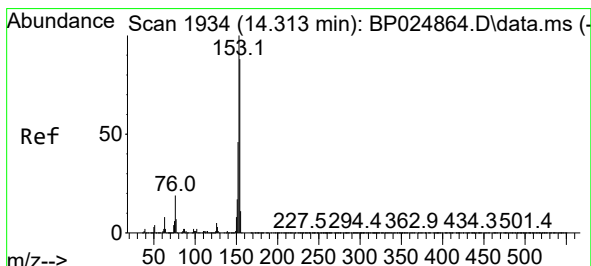
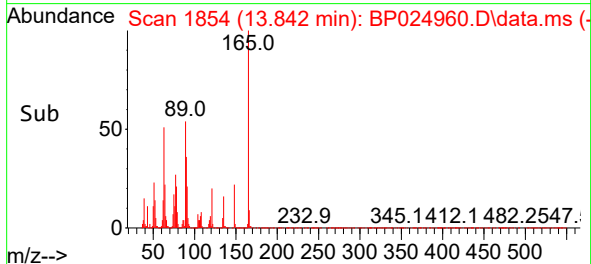
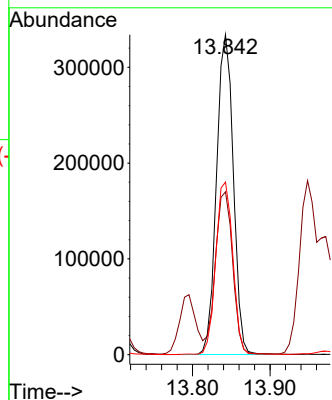
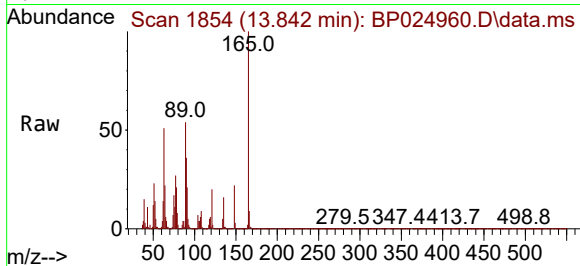




#51
2,6-Dinitrotoluene
Concen: 50.530 ng
RT: 13.842 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

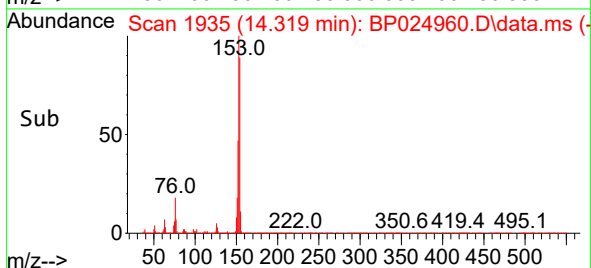
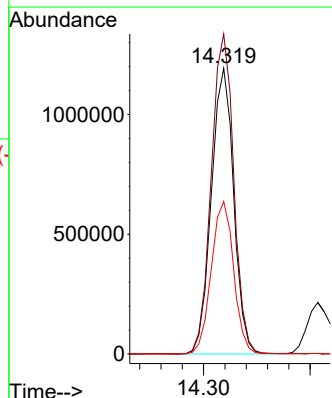
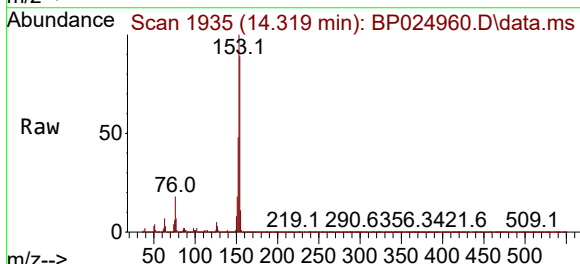
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

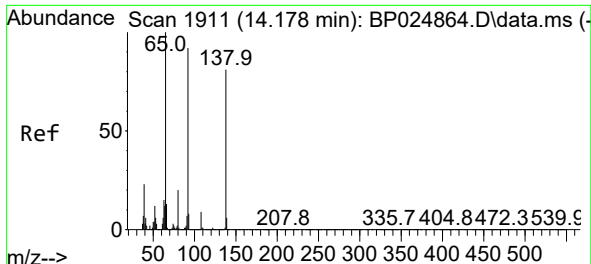
Tgt Ion:165 Resp: 502765
Ion Ratio Lower Upper
165 100
63 50.9 41.8 62.8
89 53.9 43.1 64.7



#52
Acenaphthene
Concen: 51.876 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:154 Resp: 1732109
Ion Ratio Lower Upper
154 100
153 112.0 90.5 135.7
152 53.4 42.1 63.1

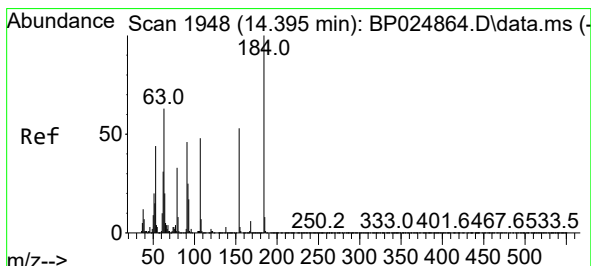
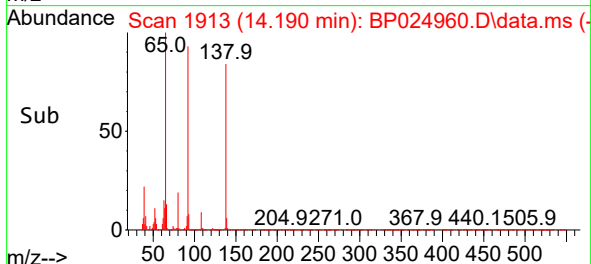
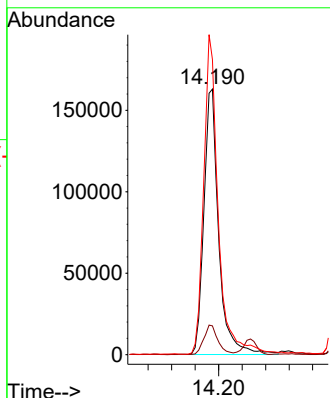
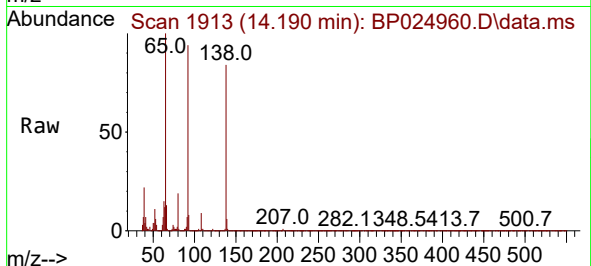




#53
3-Nitroaniline
Concen: 27.726 ng
RT: 14.190 min Scan# 1911
Delta R.T. 0.012 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

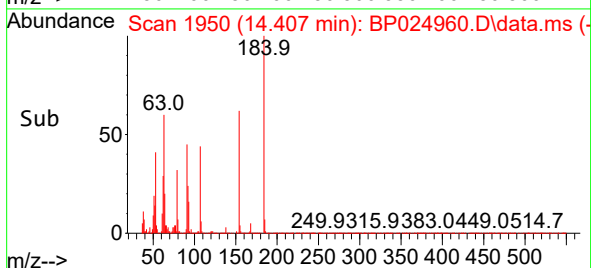
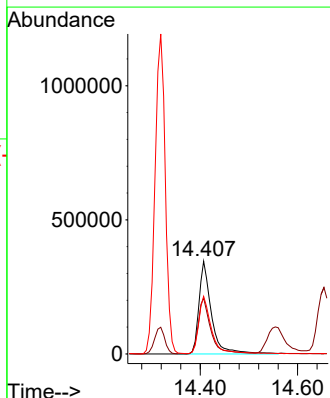
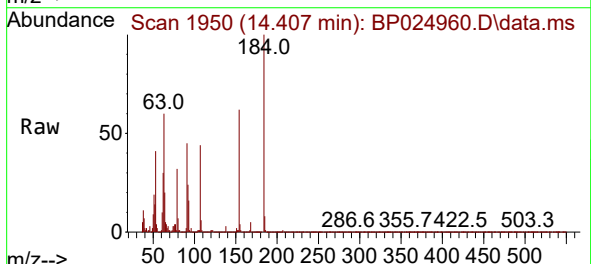
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

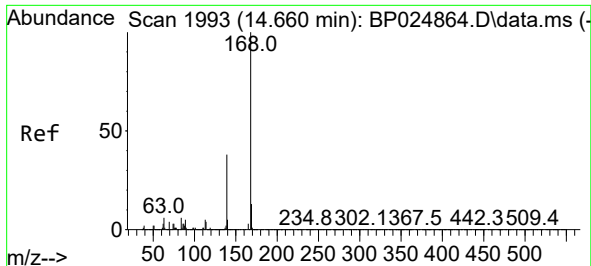
Tgt Ion:138 Resp: 286283
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 111.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 94.106 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:184 Resp: 616532
Ion Ratio Lower Upper
184 100
63 60.3 51.0 76.4
154 62.1 51.7 77.5

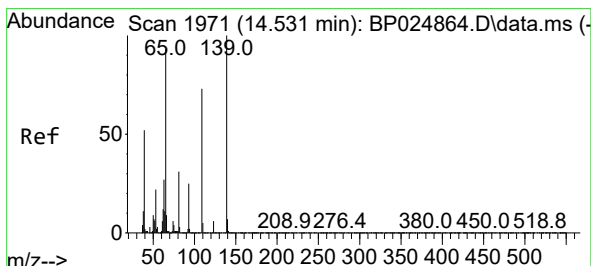
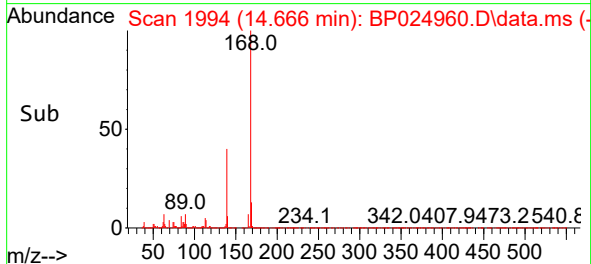
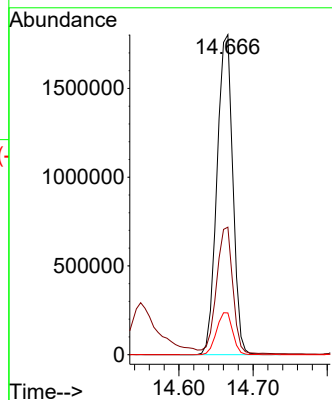
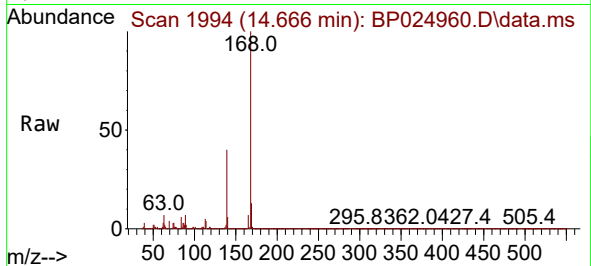




#55
Dibenzenofuran
Concen: 50.036 ng
RT: 14.666 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

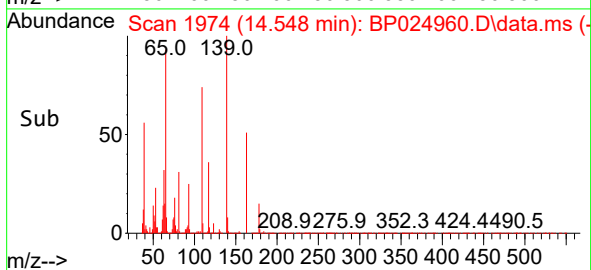
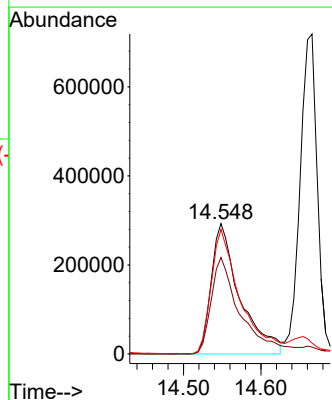
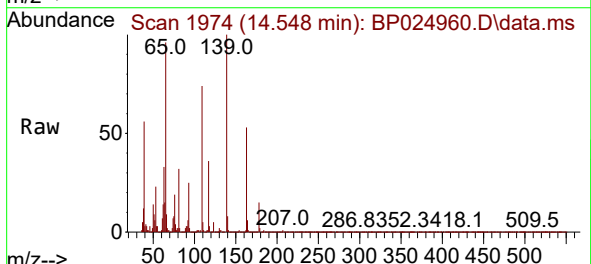
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

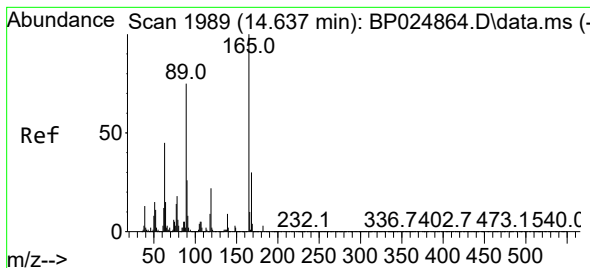
Tgt Ion:168 Resp: 2681705
Ion Ratio Lower Upper
168 100
139 39.9 31.6 47.4
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 85.229 ng
RT: 14.548 min Scan# 1974
Delta R.T. 0.017 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:139 Resp: 748342
Ion Ratio Lower Upper
139 100
109 74.0 53.1 93.1
65 95.5 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 50.011 ng

RT: 14.654 min Scan# 1989

Delta R.T. 0.017 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

Tgt Ion:165 Resp: 696065

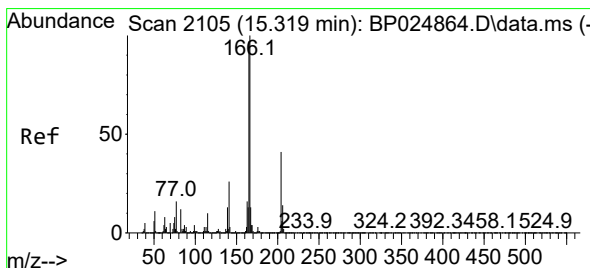
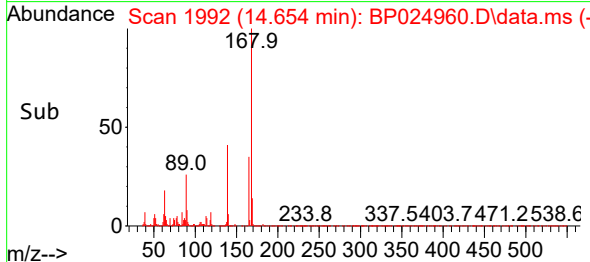
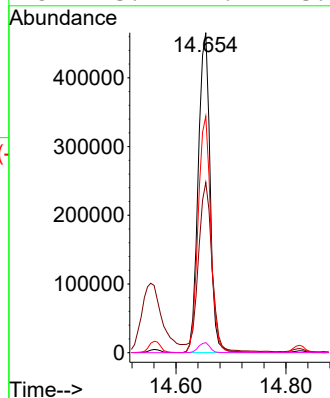
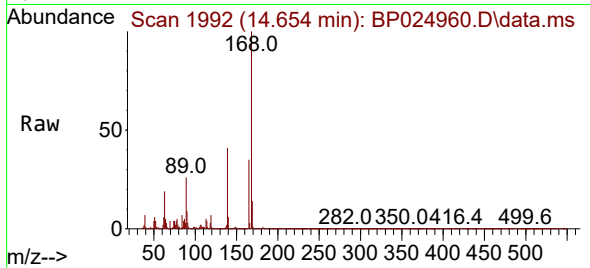
Ion Ratio Lower Upper

165 100

63 53.2 37.0 55.6

89 73.9 60.1 90.1

182 3.1 2.4 3.6



#58

Fluorene

Concen: 50.337 ng

RT: 15.319 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

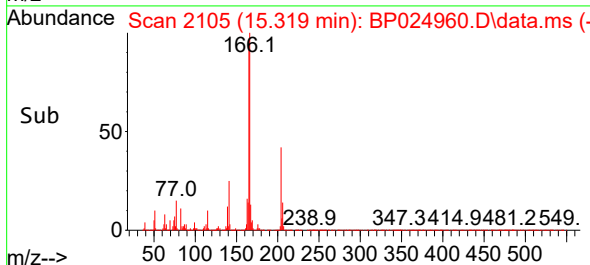
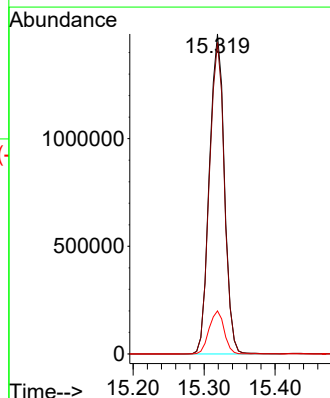
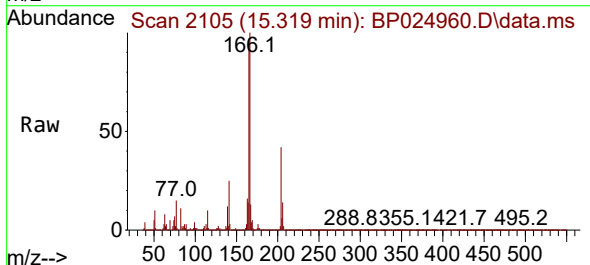
Tgt Ion:166 Resp: 2179367

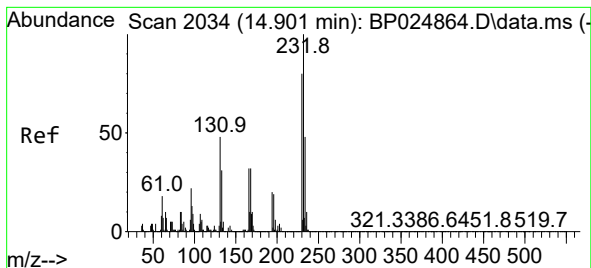
Ion Ratio Lower Upper

166 100

165 97.3 77.7 116.5

167 13.5 10.6 16.0

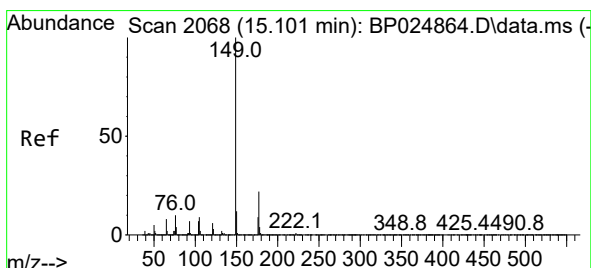
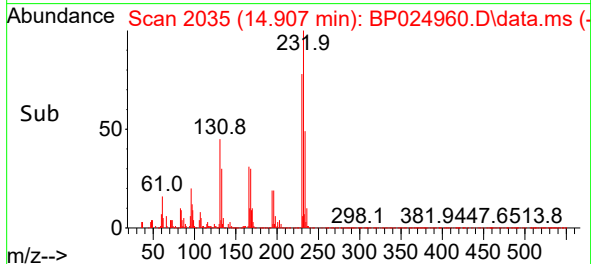
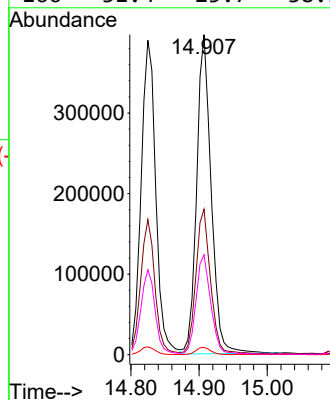
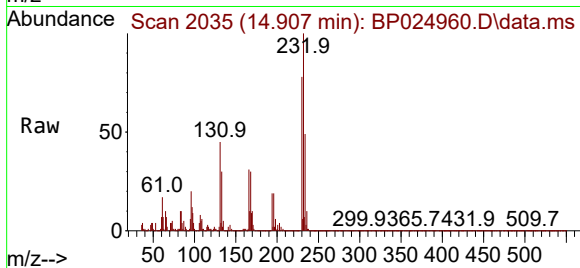




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.525 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

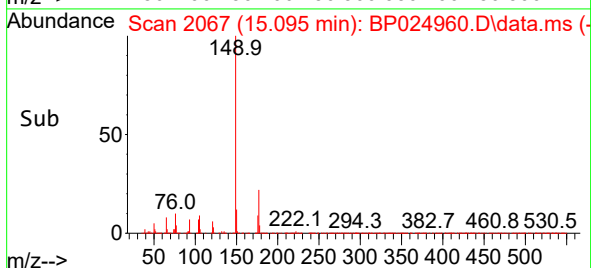
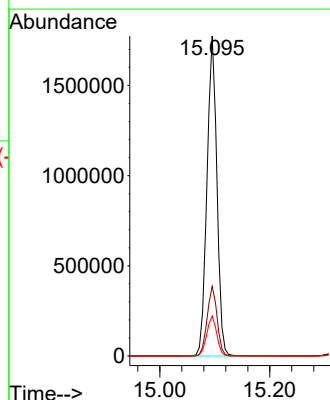
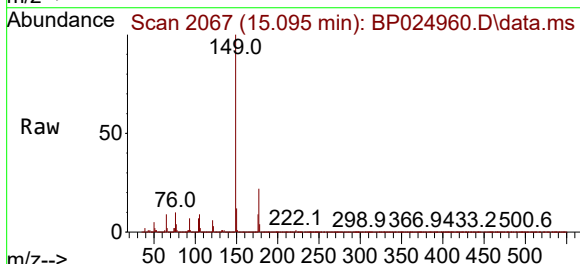
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

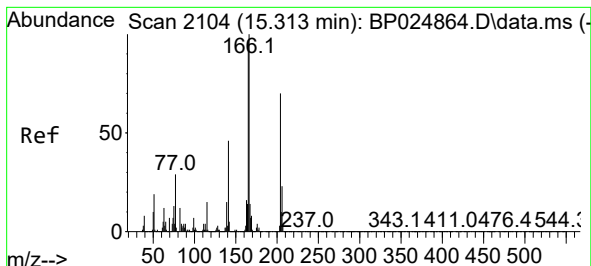
Tgt Ion:232 Resp: 587811
Ion Ratio Lower Upper
232 100
131 45.5 38.2 57.2
130 2.3 2.1 3.1
166 31.4 25.7 38.5



#60
Diethylphthalate
Concen: 48.176 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:149 Resp: 2215961
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.5 9.8 14.6

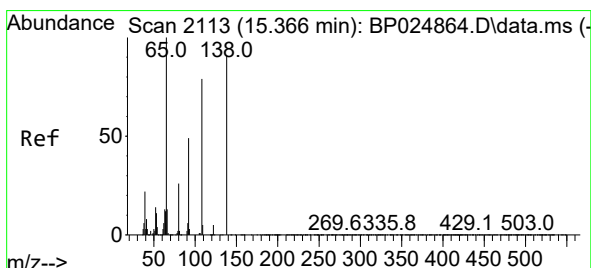
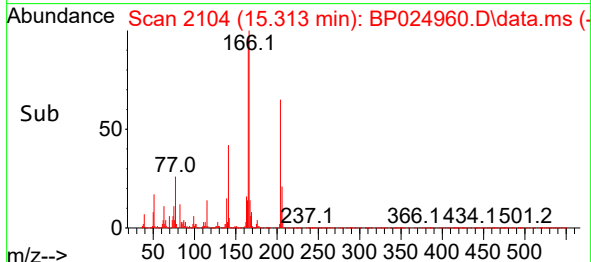
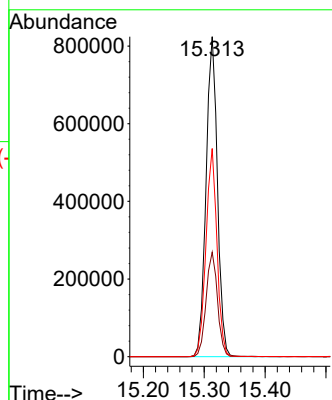
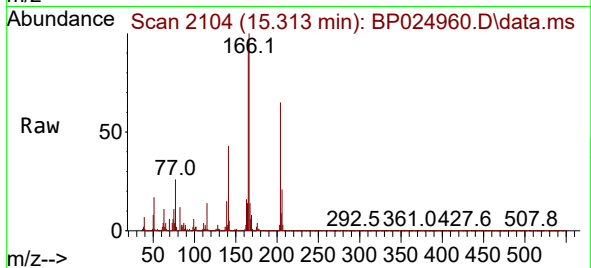




#61
4-Chlorophenyl-phenylether
Concen: 50.521 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

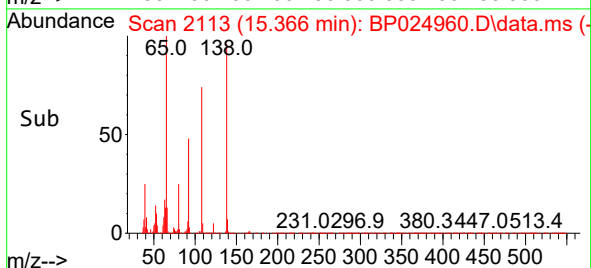
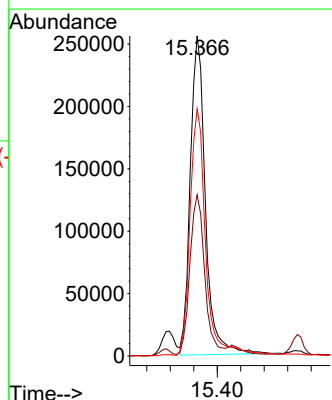
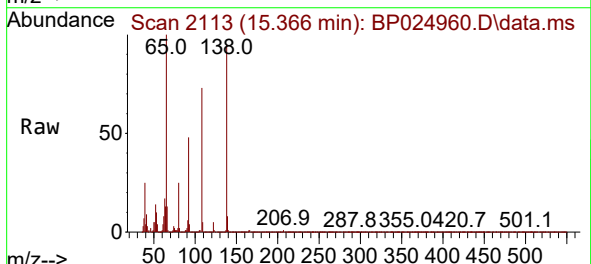
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

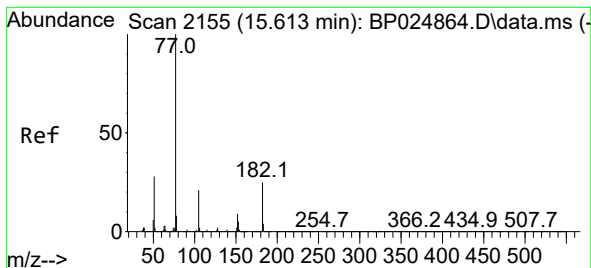
Tgt Ion:204 Resp: 1069518
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 65.1 52.4 78.6



#62
4-Nitroaniline
Concen: 48.680 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:138 Resp: 455753
Ion Ratio Lower Upper
138 100
92 50.4 33.5 73.5
108 77.2 65.1 105.1





#63

Azobenzene

Concen: 49.877 ng

RT: 15.613 min Scan# 2155

Delta R.T. -0.000 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

Tgt Ion: 77 Resp: 2104115

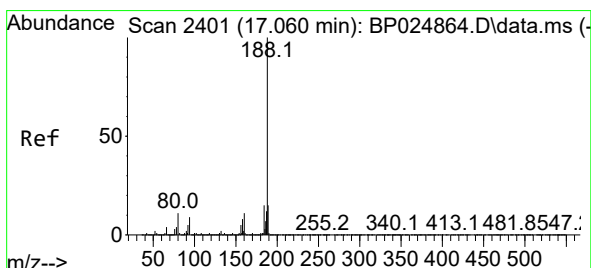
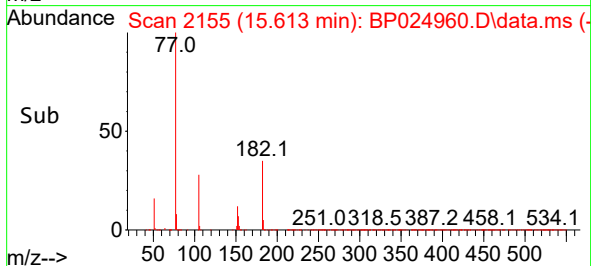
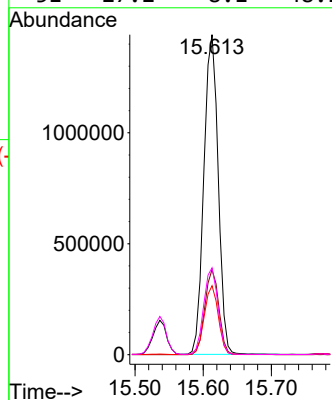
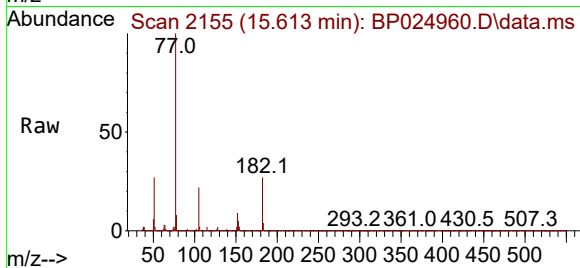
Ion Ratio Lower Upper

77 100

182 26.6 5.4 45.4

105 21.5 0.8 40.8

51 27.2 8.1 48.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.048 min Scan# 2399

Delta R.T. -0.012 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

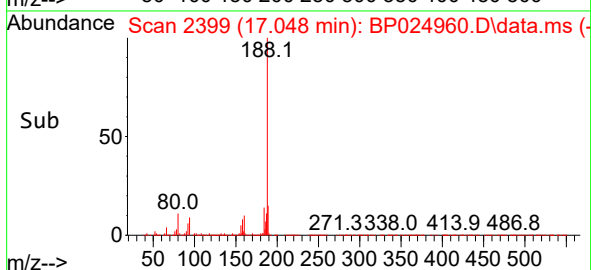
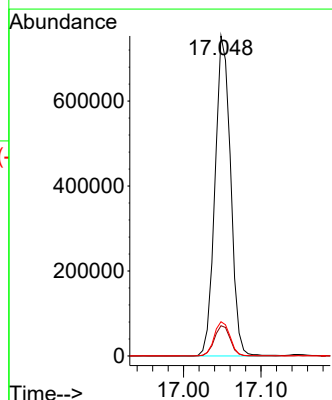
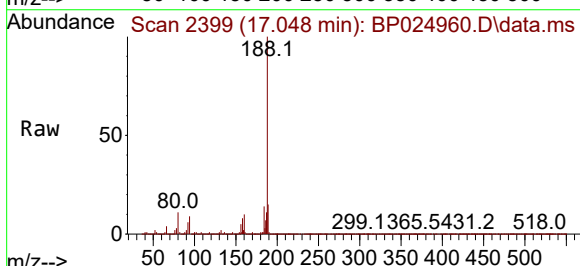
Tgt Ion:188 Resp: 1053362

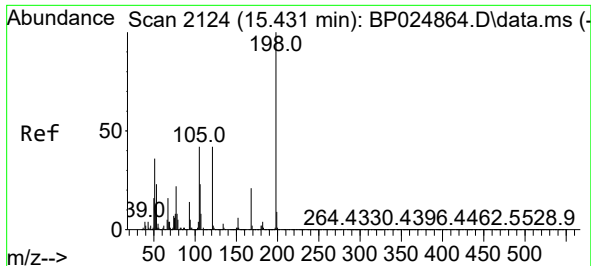
Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

80 10.7 8.5 12.7

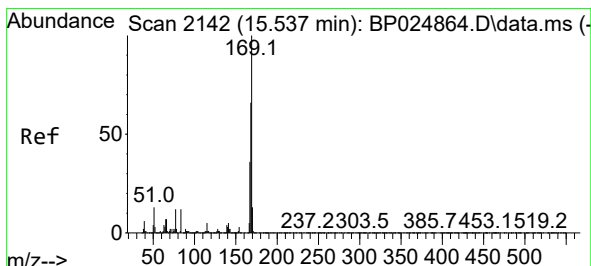
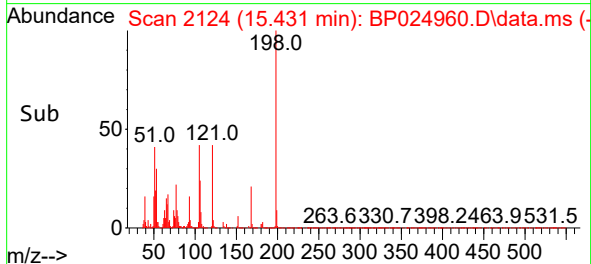
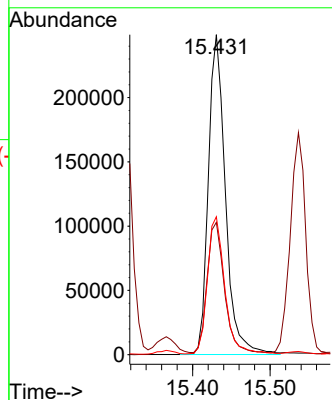
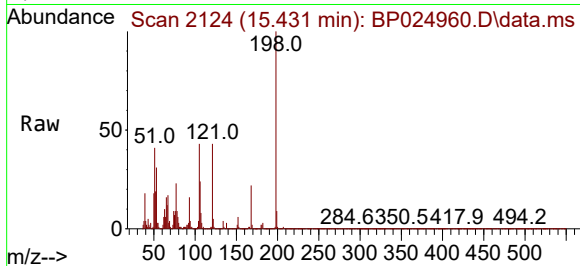




#65
4,6-Dinitro-2-methylphenol
Concen: 54.931 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

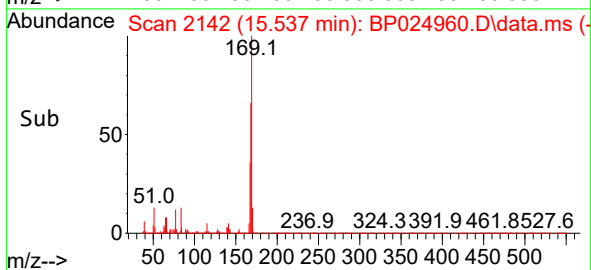
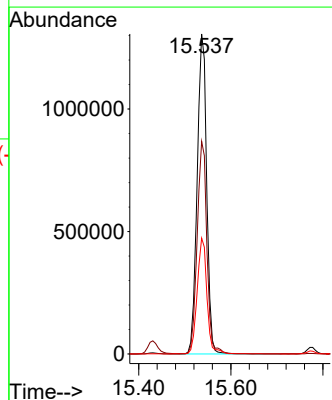
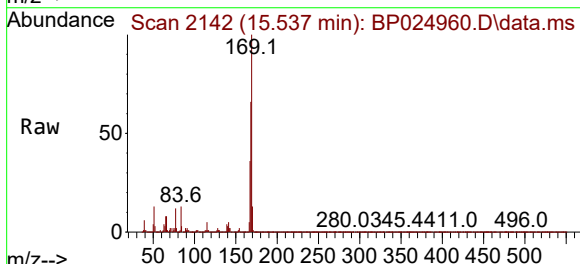
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

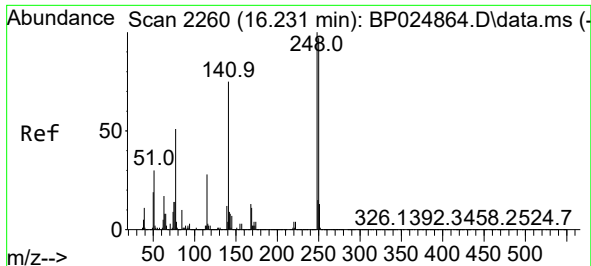
Tgt Ion:198 Resp: 380210
Ion Ratio Lower Upper
198 100
51 41.4 19.2 59.2
105 43.1 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 57.069 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:169 Resp: 1863262
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.2 28.6 43.0

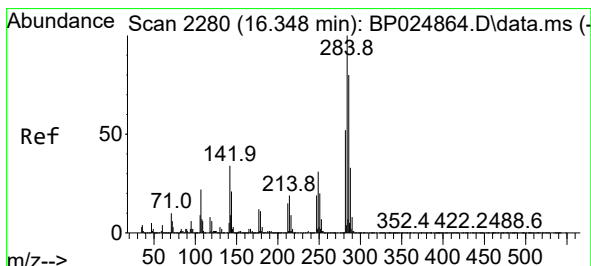
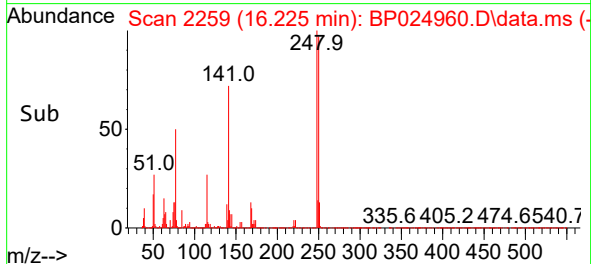
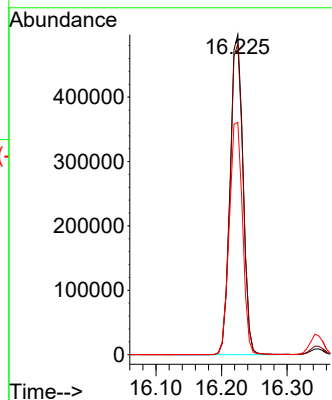
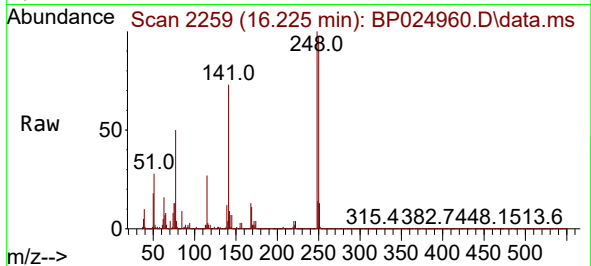




#67
4-Bromophenyl-phenylether
Concen: 57.219 ng
RT: 16.225 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

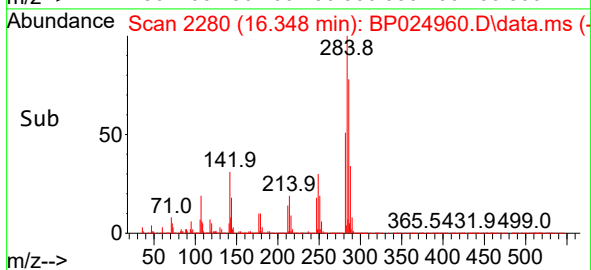
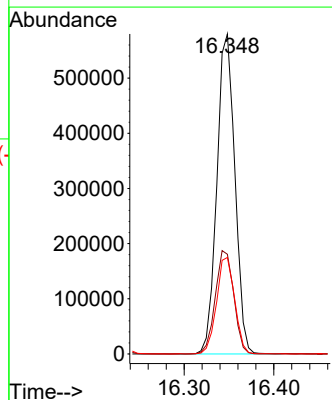
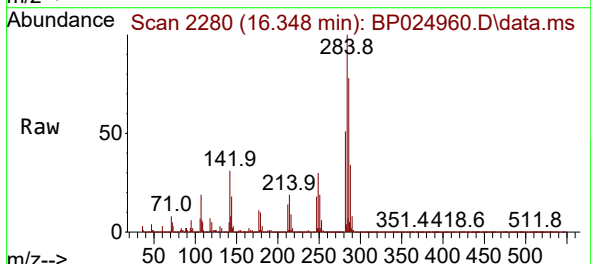
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

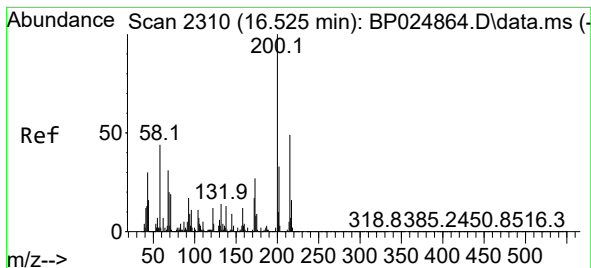
Tgt Ion:248 Resp: 680067
Ion Ratio Lower Upper
248 100
250 97.1 77.4 116.2
141 72.6 59.9 89.9



#68
Hexachlorobenzene
Concen: 56.101 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:284 Resp: 808329
Ion Ratio Lower Upper
284 100
142 31.1 27.0 40.6
249 30.1 25.0 37.6





#69

Atrazine

Concen: 53.448 ng

RT: 16.513 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

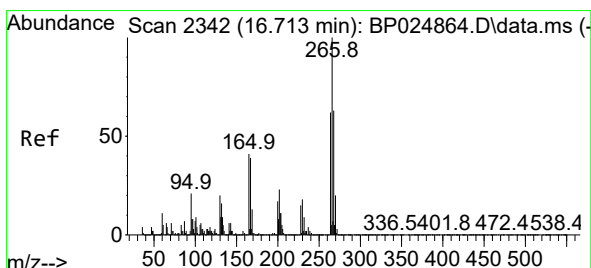
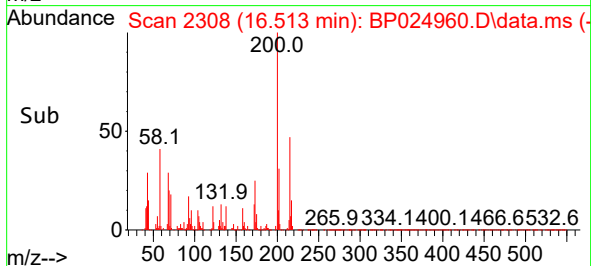
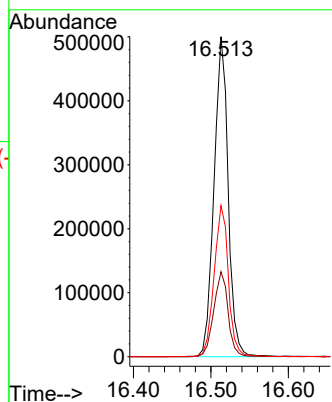
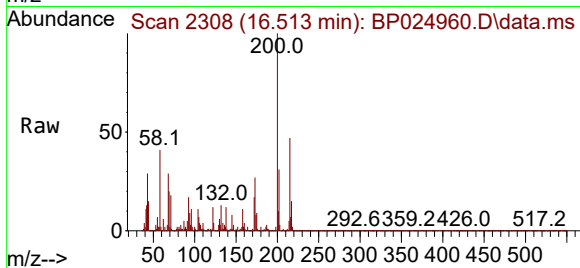
Tgt Ion:200 Resp: 632604

Ion Ratio Lower Upper

200 100

173 26.5 6.9 46.9

215 47.2 28.7 68.7



#70

Pentachlorophenol

Concen: 126.955 ng

RT: 16.707 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

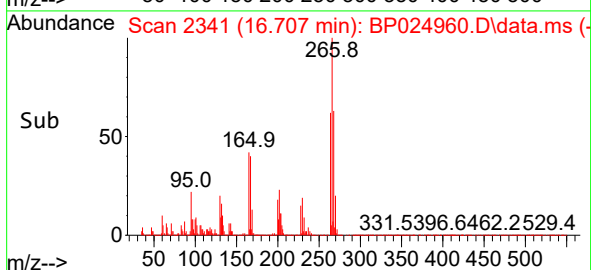
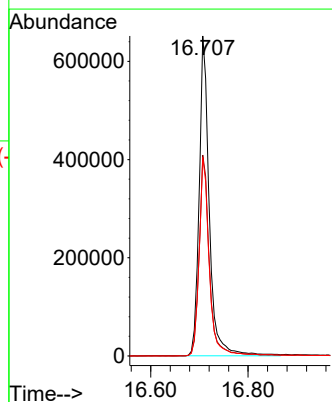
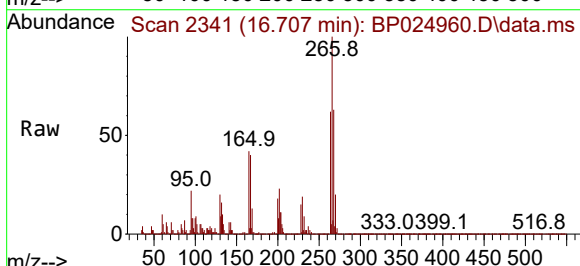
Tgt Ion:266 Resp: 946716

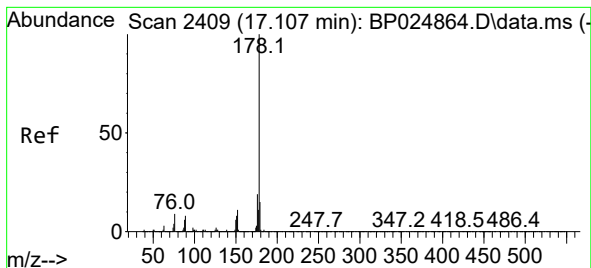
Ion Ratio Lower Upper

266 100

268 62.8 50.6 76.0

264 62.0 49.7 74.5





#71

Phenanthrene

Concen: 53.379 ng

RT: 17.095 min Scan# 2409

Delta R.T. -0.012 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

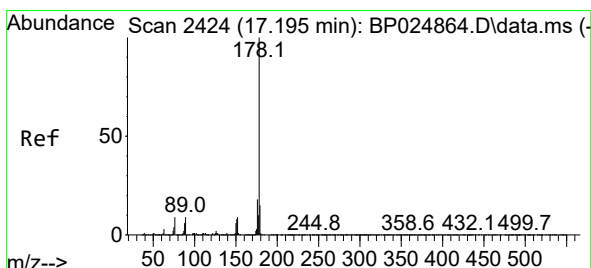
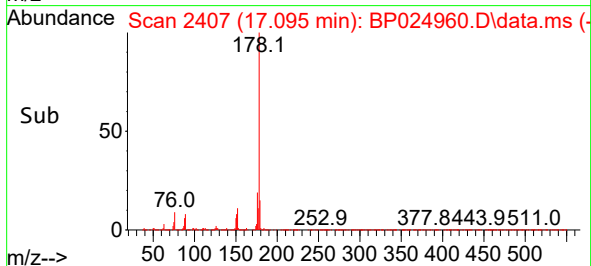
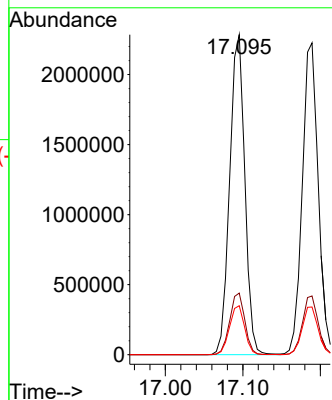
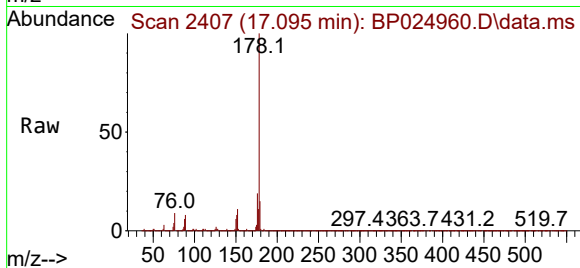
Tgt Ion:178 Resp: 3107189

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.3 12.1 18.1



#72

Anthracene

Concen: 54.306 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

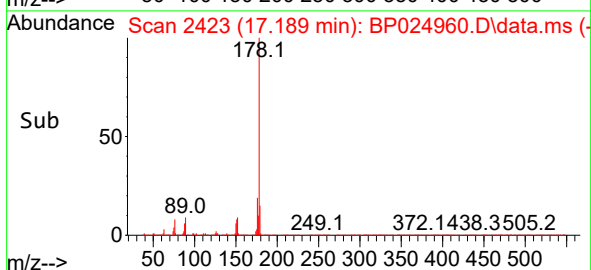
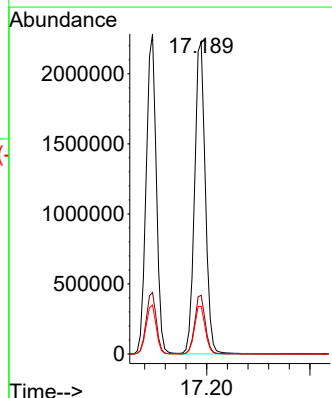
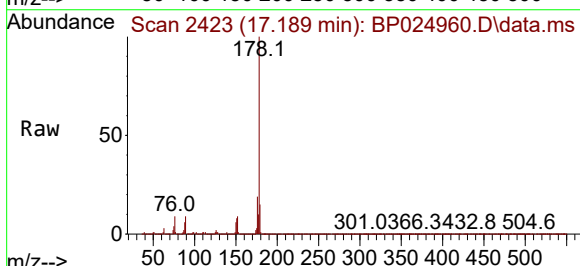
Tgt Ion:178 Resp: 3201537

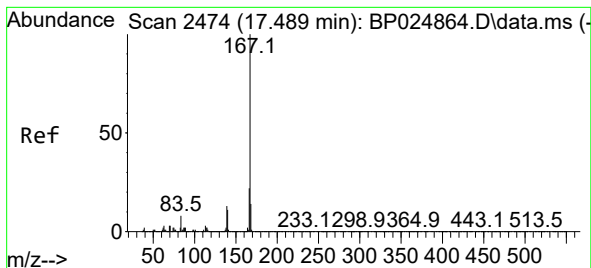
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.3 12.3 18.5





#73

Carbazole

Concen: 53.642 ng

RT: 17.478 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

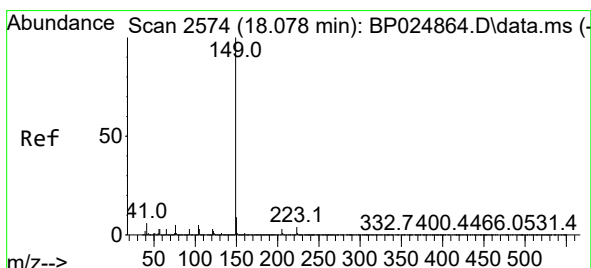
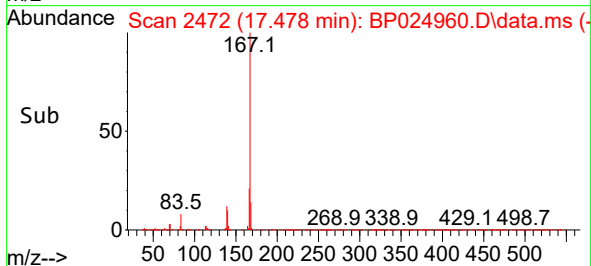
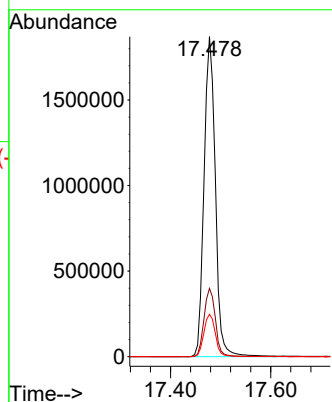
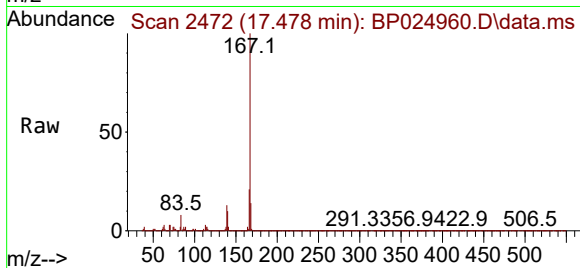
Tgt Ion:167 Resp: 2931227

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 13.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 52.416 ng

RT: 18.054 min Scan# 2570

Delta R.T. -0.024 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

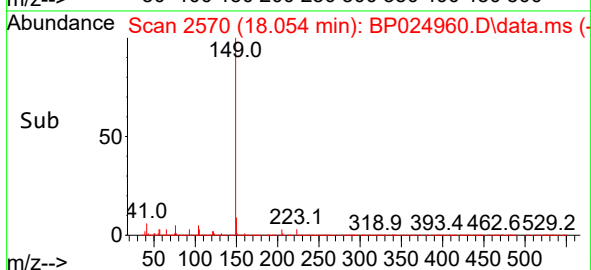
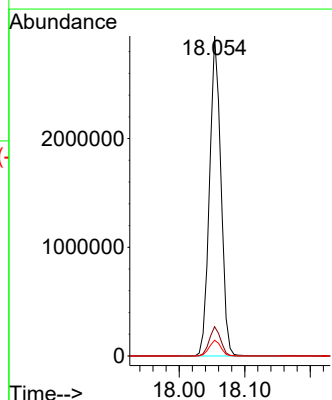
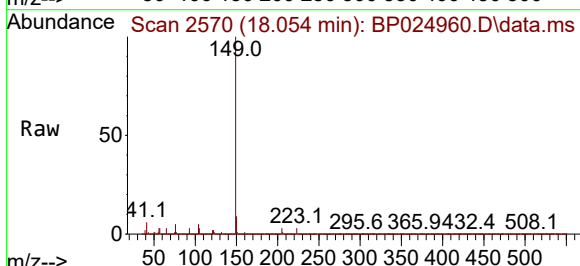
Tgt Ion:149 Resp: 3548729

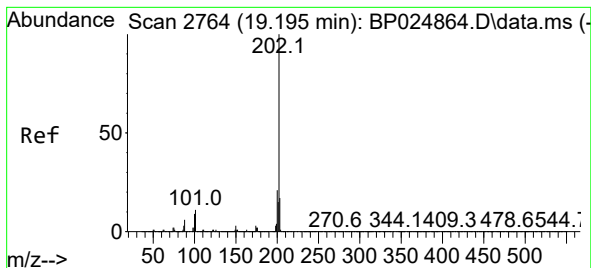
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 50.498 ng

RT: 19.189 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

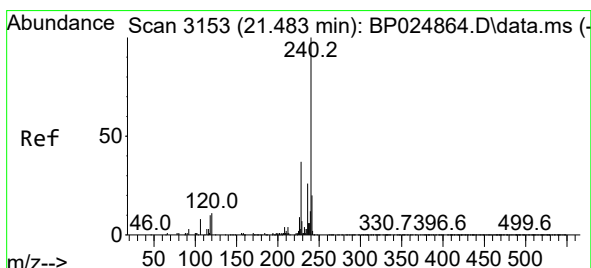
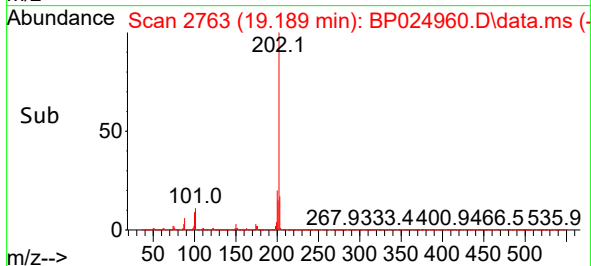
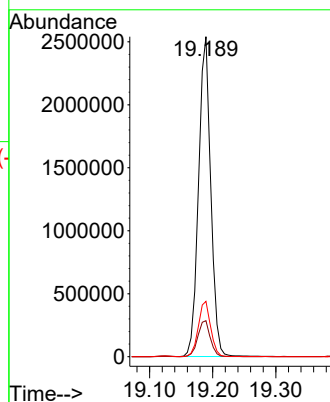
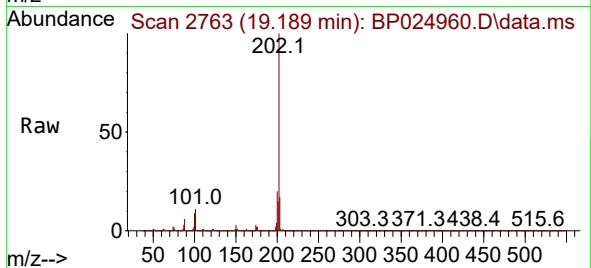
Tgt Ion:202 Resp: 3406999

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

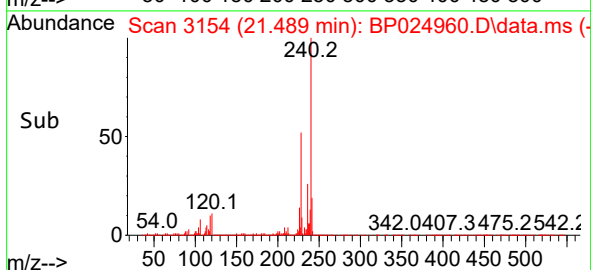
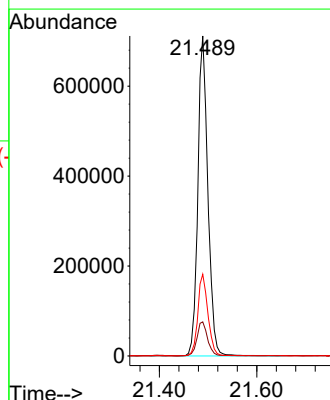
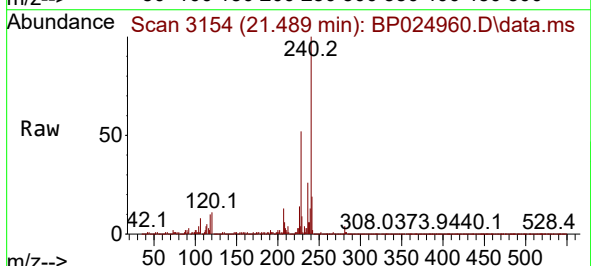
Tgt Ion:240 Resp: 1022393

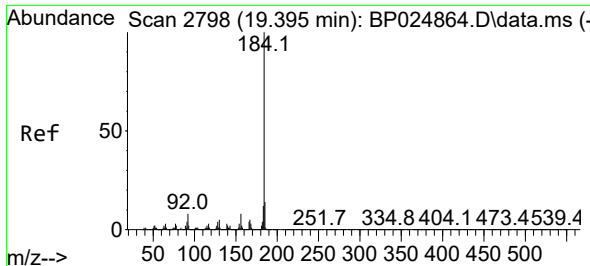
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.6 20.9 31.3

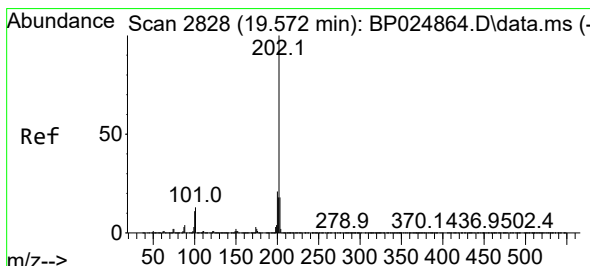
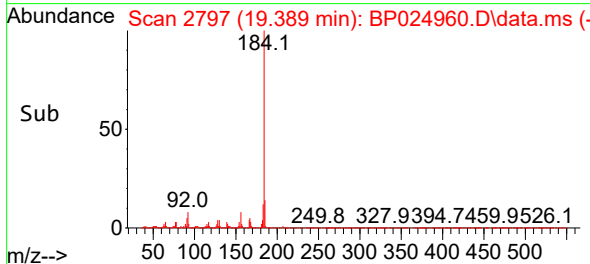
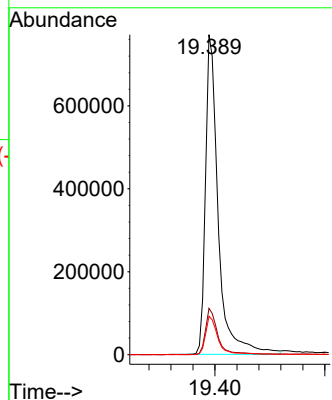
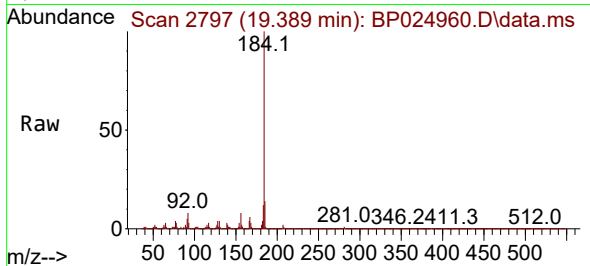




#77
Benzidine
Concen: 39.263 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

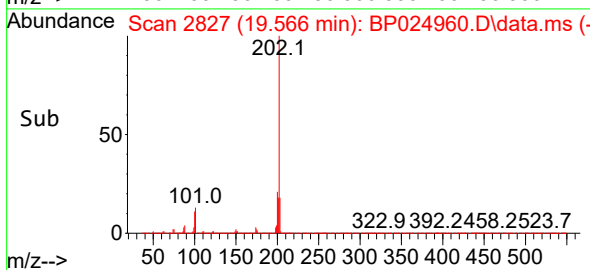
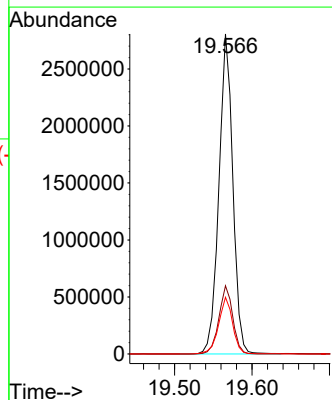
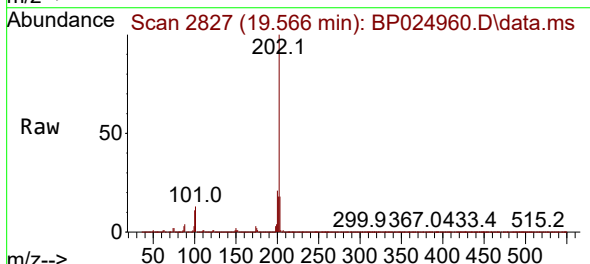
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

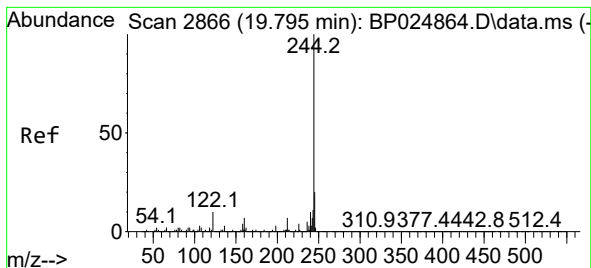
Tgt Ion:184 Resp: 1243278
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 12.0 9.5 14.3



#78
Pyrene
Concen: 55.003 ng
RT: 19.566 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:202 Resp: 3513223
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 92.521 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

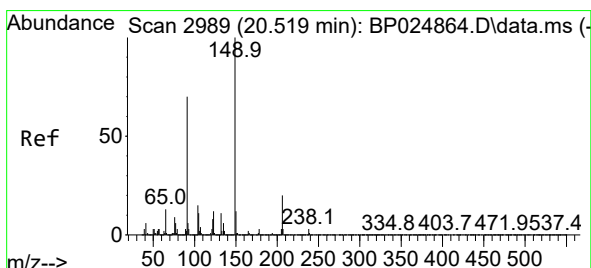
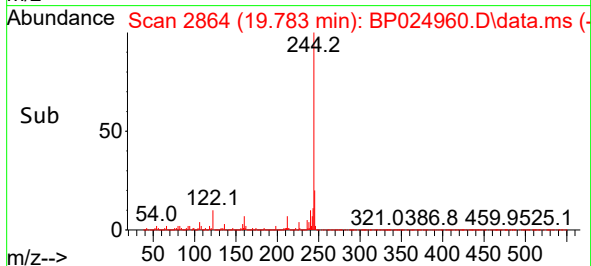
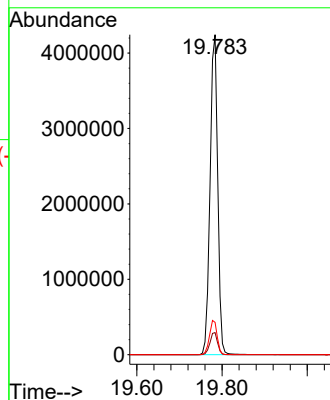
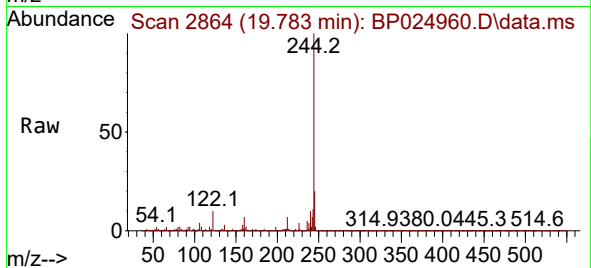
Tgt Ion:244 Resp: 5277867

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.1 7.7 11.5



#80

Butylbenzylphthalate

Concen: 55.391 ng

RT: 20.507 min Scan# 2987

Delta R.T. -0.012 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

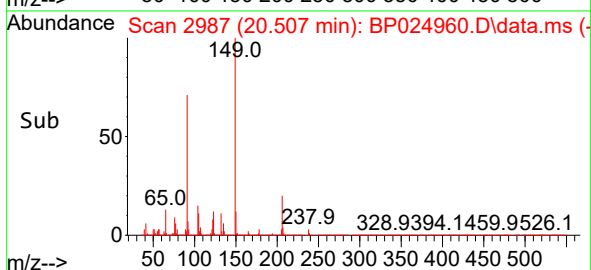
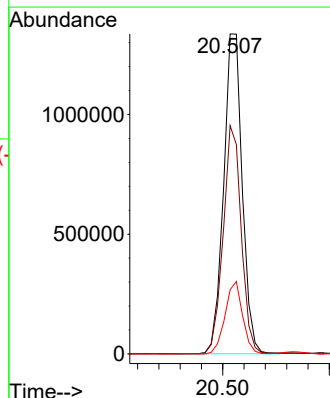
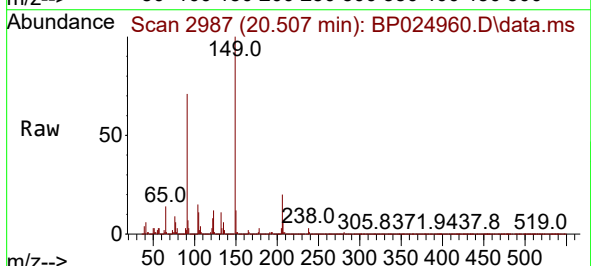
Tgt Ion:149 Resp: 1620594

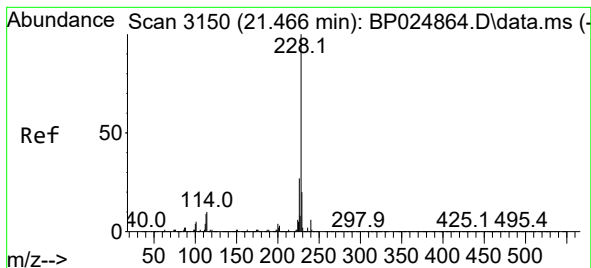
Ion Ratio Lower Upper

149 100

91 71.4 55.8 83.8

206 20.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 53.785 ng

RT: 21.471 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

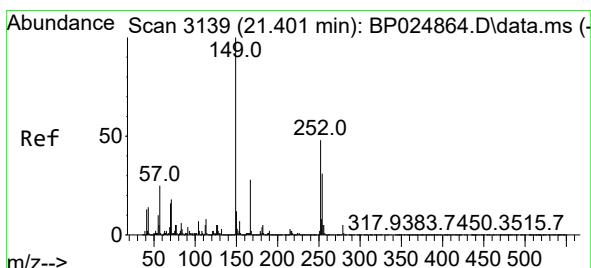
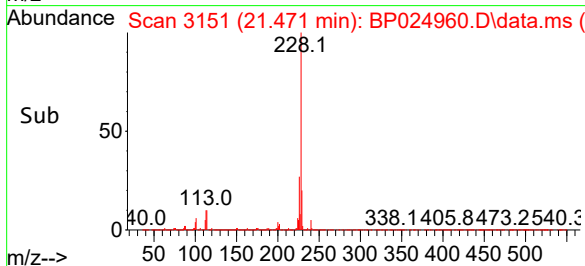
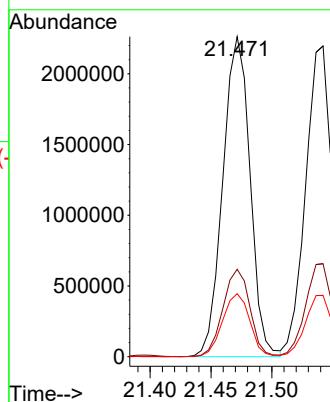
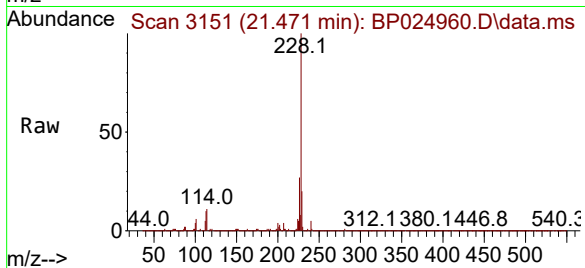
Tgt Ion:228 Resp: 3516983

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 38.424 ng

RT: 21.395 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

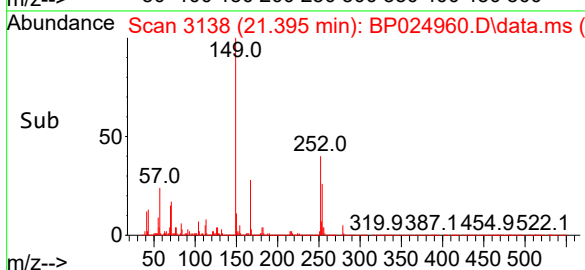
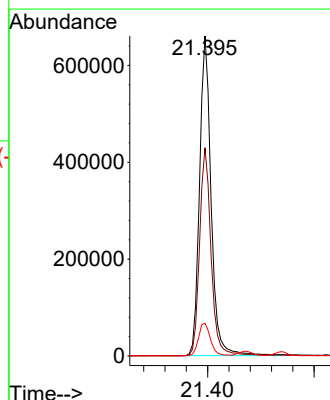
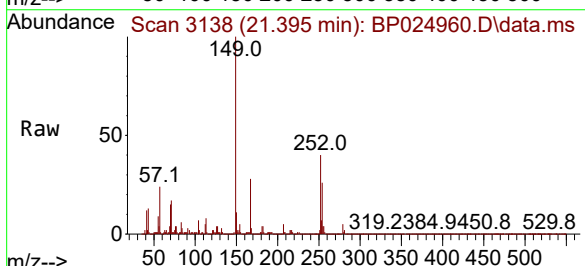
Tgt Ion:252 Resp: 997490

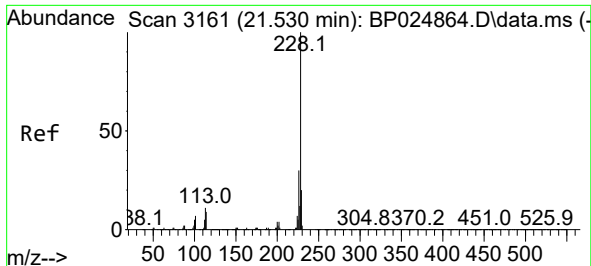
Ion Ratio Lower Upper

252 100

254 65.1 51.2 76.8

126 10.2 8.6 12.8

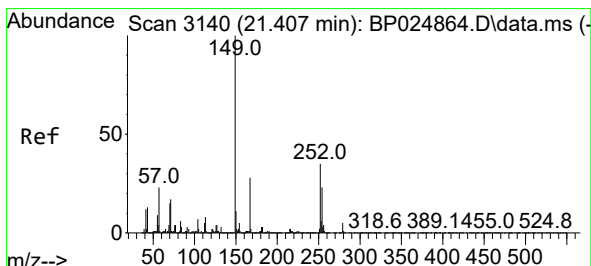
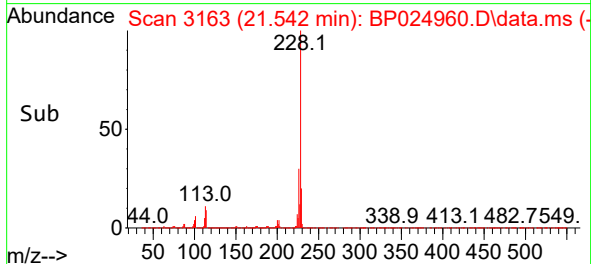
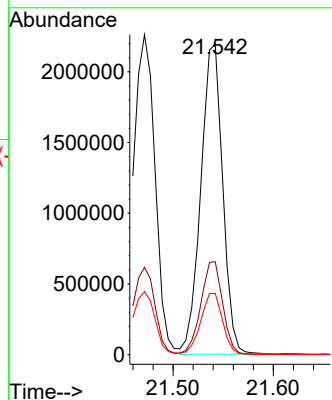
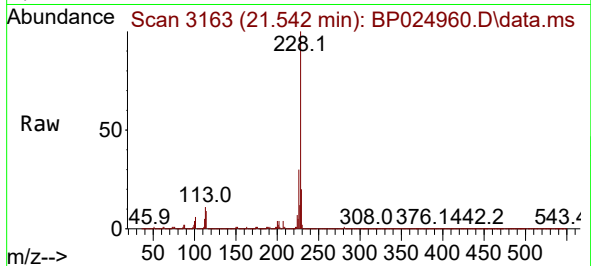




#83
Chrysene
Concen: 53.753 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.012 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

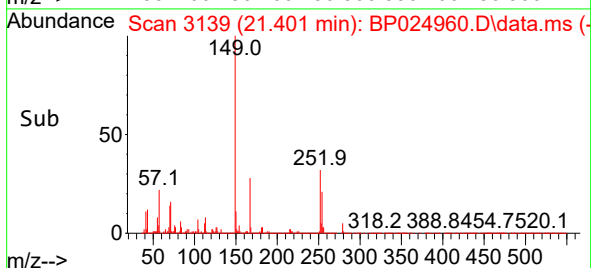
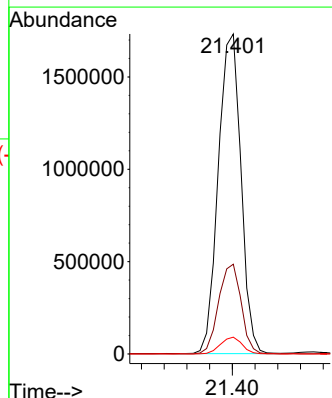
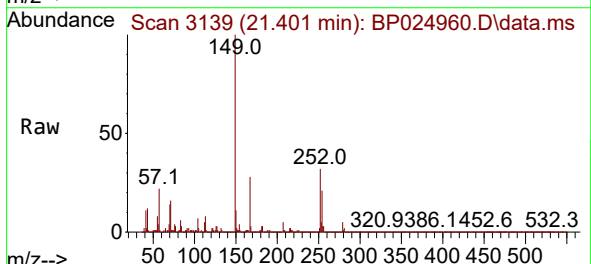
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

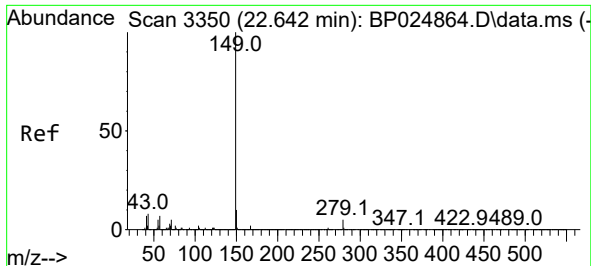
Tgt Ion:228 Resp: 3330466
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.299 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:149 Resp: 2401880
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 5.2 4.0 6.0

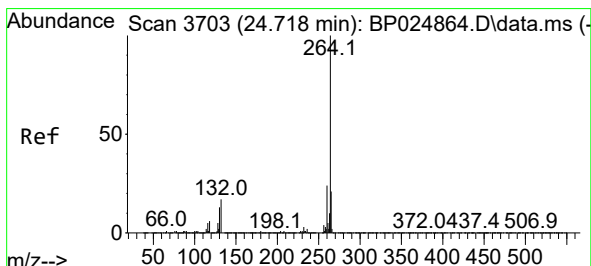
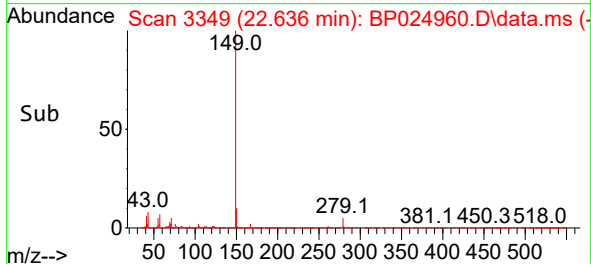
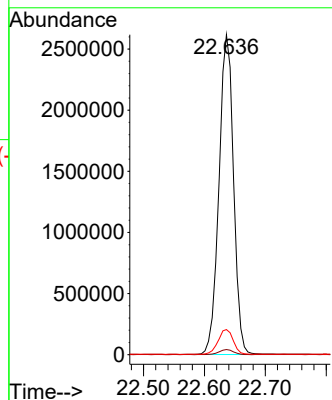
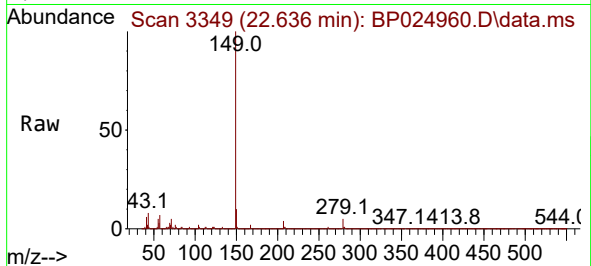




#85
Di-n-octyl phthalate
Concen: 58.754 ng
RT: 22.636 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

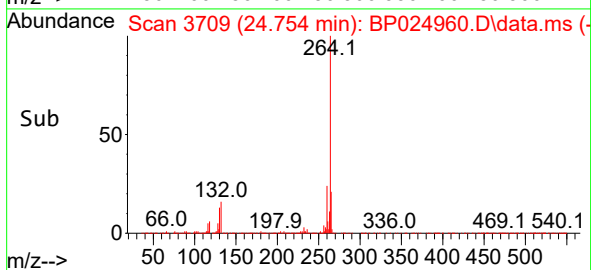
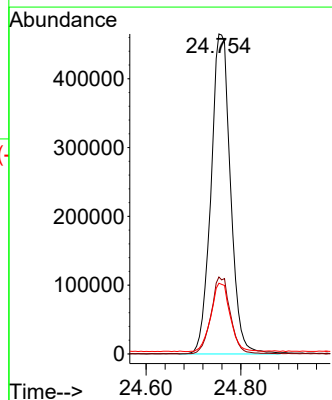
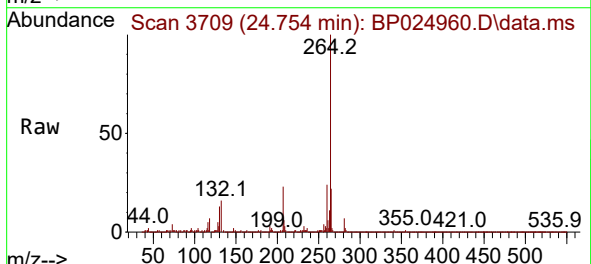
Instrument :
BNA_P
ClientSampleId :
PB168456BSD

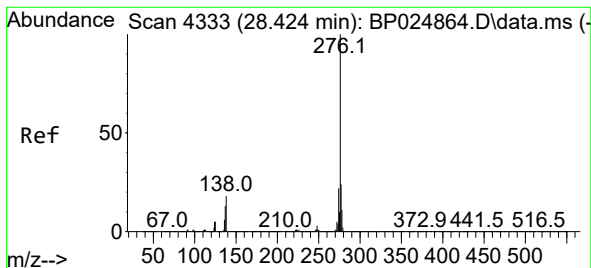
Tgt Ion:149 Resp: 4341073
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.035 min
Lab File: BP024960.D
Acq: 16 Jun 2025 14:16

Tgt Ion:264 Resp: 1331886
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.935 ng

RT: 28.471 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

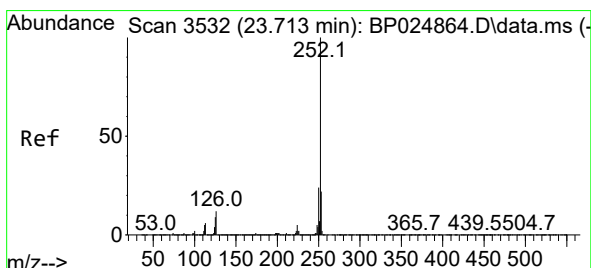
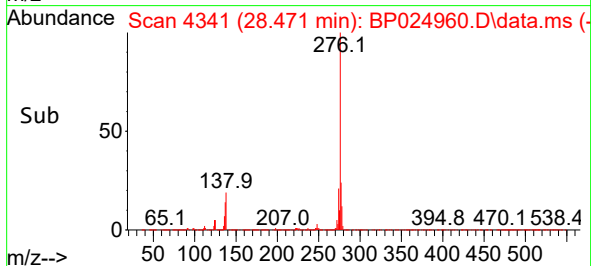
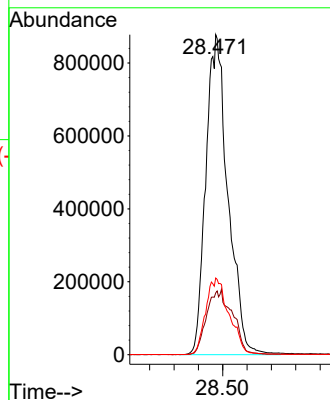
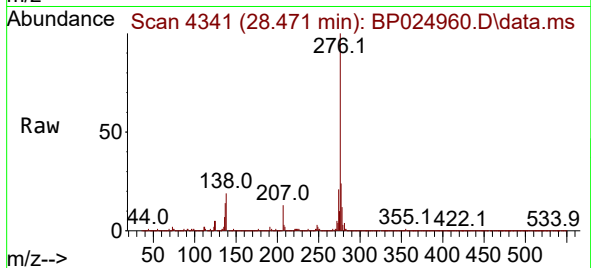
Tgt Ion:276 Resp: 5532808

Ion Ratio Lower Upper

276 100

138 11.3 18.6 27.8#

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 52.337 ng

RT: 23.724 min Scan# 3534

Delta R.T. 0.012 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

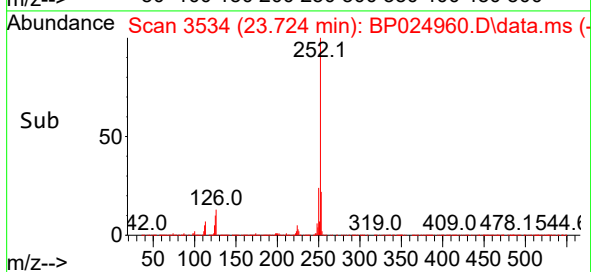
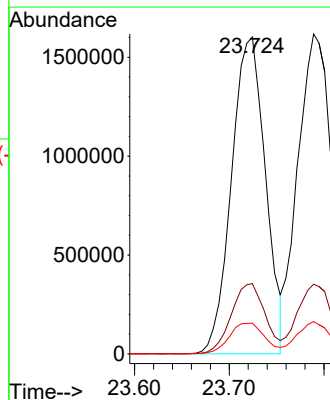
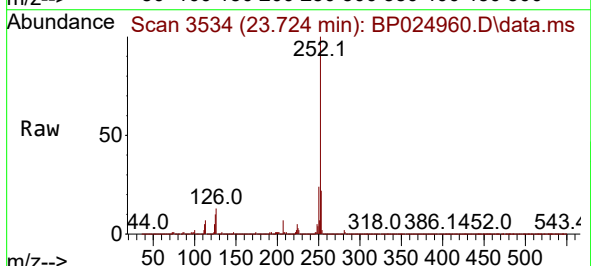
Tgt Ion:252 Resp: 3989328

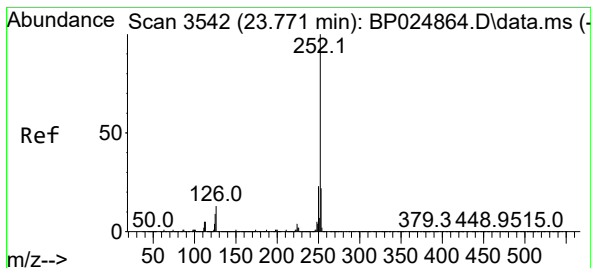
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.8 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 51.948 ng

RT: 23.789 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

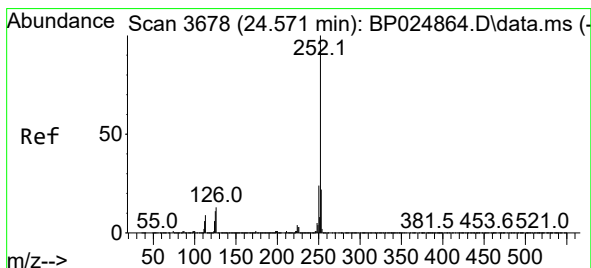
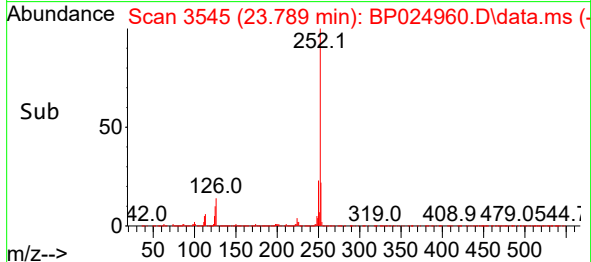
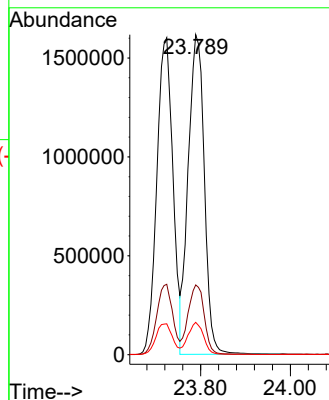
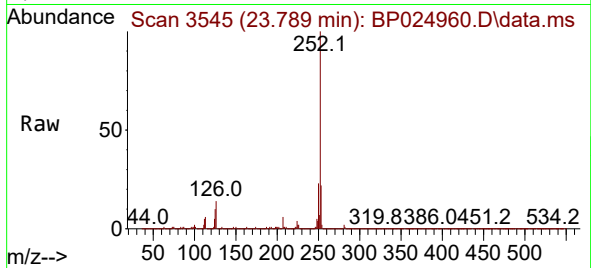
Tgt Ion:252 Resp: 4030627

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 53.364 ng

RT: 24.601 min Scan# 3683

Delta R.T. 0.029 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

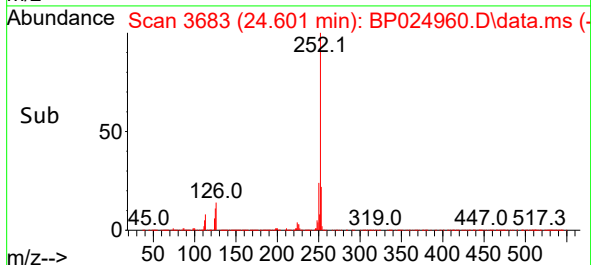
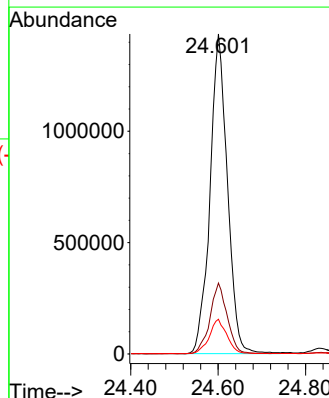
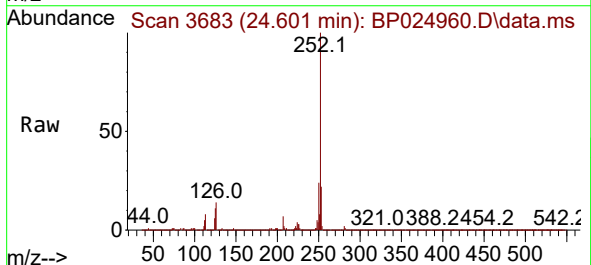
Tgt Ion:252 Resp: 3972376

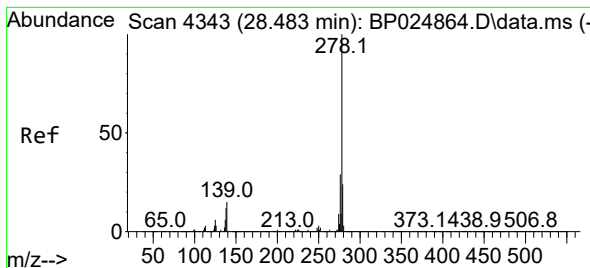
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 57.312 ng

RT: 28.530 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Instrument :

BNA_P

ClientSampleId :

PB168456BSD

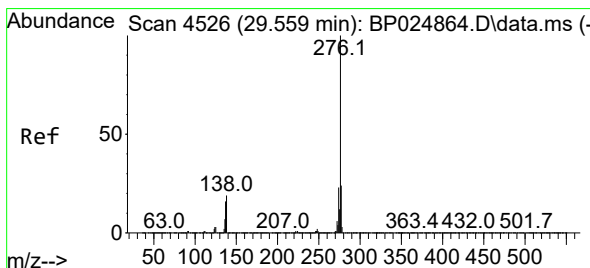
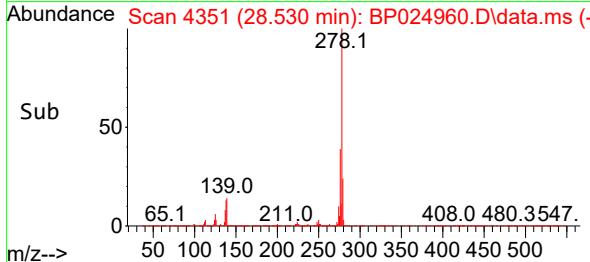
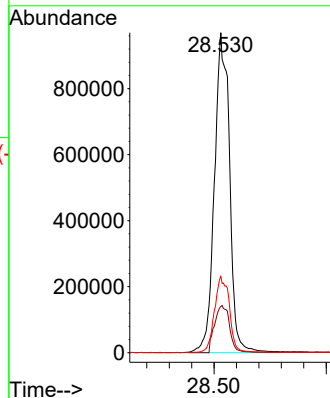
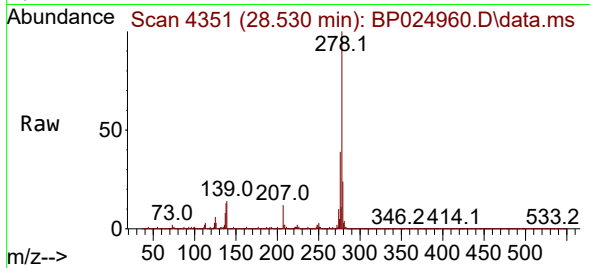
Tgt Ion:278 Resp: 4533409

Ion Ratio Lower Upper

278 100

139 14.5 12.0 18.0

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 56.860 ng

RT: 29.624 min Scan# 4537

Delta R.T. 0.065 min

Lab File: BP024960.D

Acq: 16 Jun 2025 14:16

Tgt Ion:276 Resp: 4462482

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 19.6 15.4 23.2

