

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024947.D
 Acq On : 13 Jun 2025 16:54
 Operator : RC/JU
 Sample : Q2310-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7MS

Quant Time: Jun 13 17:16:39 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	231023	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	930409	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	587765	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1177292	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1252112	20.000	ng	0.00
86) Perylene-d12	24.748	264	1506101	20.000	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1651442	119.321	ng	0.00
7) Phenol-d6	6.819	99	2148879	117.347	ng	0.00
23) Nitrobenzene-d5	8.760	82	1297611	67.771	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1086283	133.677	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2995548	68.656	ng	0.00
79) Terphenyl-d14	19.783	244	4785194	68.494	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.167	88	258983	42.527	ng 99
3) Pyridine	3.561	79	668353	45.635	ng 99
4) n-Nitrosodimethylamine	3.472	42	279246	46.638	ng 96
6) Aniline	6.949	93	645905	27.639	ng 100
8) 2-Chlorophenol	7.190	128	876689	55.876	ng 97
9) Benzaldehyde	6.760	77	583409	55.273	ng 98
10) Phenol	6.843	94	1033059	54.723	ng 99
11) bis(2-Chloroethyl)ether	7.043	93	744795	50.162	ng 99
12) 1,3-Dichlorobenzene	7.496	146	901266	51.492	ng 98
13) 1,4-Dichlorobenzene	7.643	146	912626	51.676	ng 99
14) 1,2-Dichlorobenzene	7.955	146	874607	50.432	ng 98
15) Benzyl Alcohol	7.860	79	741388	52.752	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.131	45	895951	46.103	ng 98
17) 2-Methylphenol	8.072	107	701016	53.177	ng 98
18) Hexachloroethane	8.666	117	335183	50.411	ng 96
19) n-Nitroso-di-n-propyla...	8.413	70	594030	47.718	ng 99
20) 3+4-Methylphenols	8.402	107	958910	53.316	ng 98
22) Acetophenone	8.431	105	1207307	51.359	ng # 97
24) Nitrobenzene	8.802	77	871435	51.231	ng 98
25) Isophorone	9.325	82	1655740	49.896	ng 99
26) 2-Nitrophenol	9.507	139	477824	56.933	ng 96
27) 2,4-Dimethylphenol	9.584	122	806831	56.172	ng 97
28) bis(2-Chloroethoxy)met...	9.802	93	1020172	51.538	ng 99
29) 2,4-Dichlorophenol	10.054	162	825938	59.929	ng 98
30) 1,2,4-Trichlorobenzene	10.249	180	833313	53.607	ng 99
31) Naphthalene	10.431	128	2512447	52.694	ng 100
32) Benzoic acid	9.784	122	571336	58.862	ng 98
33) 4-Chloroaniline	10.560	127	420350	21.043	ng 98
34) Hexachlorobutadiene	10.707	225	508173	54.240	ng 99
35) Caprolactam	11.360	113	278185	54.834	ng 94
36) 4-Chloro-3-methylphenol	11.707	107	892788	56.162	ng 99
37) 2-Methylnaphthalene	12.048	142	1615255	53.407	ng 100
38) 1-Methylnaphthalene	12.272	142	1708288	52.831	ng 100
40) 1,2,4,5-Tetrachloroben...	12.425	216	932284	55.899	ng 99
41) Hexachlorocyclopentadiene	12.395	237	903986	88.865	ng 100
43) 2,4,6-Trichlorophenol	12.678	196	654913	58.472	ng 99

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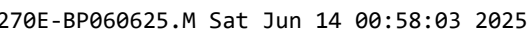
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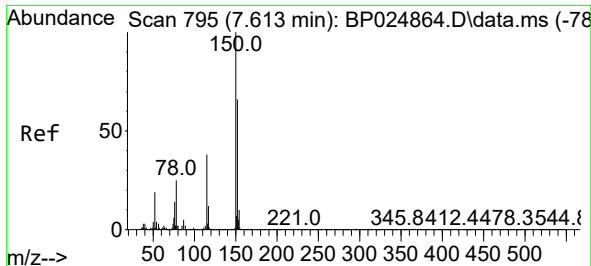
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	728136	60.703	ng	98
46) 1,1'-Biphenyl	13.072	154	2338362	54.744	ng	98
47) 2-Chloronaphthalene	13.119	162	1795282	54.685	ng	99
48) 2-Nitroaniline	13.337	65	547442	54.240	ng	95
49) Acenaphthylene	13.966	152	2995620	54.726	ng	100
50) Dimethylphthalate	13.713	163	2322485	53.565	ng	100
51) 2,6-Dinitrotoluene	13.842	165	513729	54.961	ng	96
52) Acenaphthene	14.319	154	1718575	54.789	ng	100
53) 3-Nitroaniline	14.184	138	268852	27.716	ng	97
54) 2,4-Dinitrophenol	14.407	184	652692	105.342	ng	92
55) Dibenzofuran	14.660	168	2755708	54.731	ng	100
56) 4-Nitrophenol	14.542	139	854827	102.466	ng	98
57) 2,4-Dinitrotoluene	14.648	165	752635	57.562	ng	96
58) Fluorene	15.319	166	2268894	55.783	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	652338	60.868	ng	95
60) Diethylphthalate	15.101	149	2359504	54.604	ng	100
61) 4-Chlorophenyl-phenyle...	15.319	204	1120451	56.340	ng	96
62) 4-Nitroaniline	15.372	138	504486	57.359	ng	94
63) Azobenzene	15.613	77	2428101	61.268	ng	97
65) 4,6-Dinitro-2-methylph...	15.437	198	430343	55.630	ng	95
66) n-Nitrosodiphenylamine	15.542	169	1980545	54.276	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	751015	56.537	ng	98
68) Hexachlorobenzene	16.354	284	917860	56.997	ng	97
69) Atrazine	16.525	200	748186	56.559	ng	100
70) Pentachlorophenol	16.719	266	1135753	136.272	ng	99
71) Phenanthrene	17.107	178	3512121	53.984	ng	100
72) Anthracene	17.195	178	3646307	55.340	ng	99
73) Carbazole	17.489	167	3382767	55.389	ng	99
74) Di-n-butylphthalate	18.072	149	4270275	56.434	ng	99
75) Fluoranthene	19.189	202	4195856	55.644	ng	100
77) Benzidine	19.395	184	2356265	60.760	ng	99
78) Pyrene	19.572	202	4278319	54.692	ng	100
80) Butylbenzylphthalate	20.519	149	2012293	56.160	ng	92
81) Benzo(a)anthracene	21.466	228	4257137	53.159	ng	99
82) 3,3'-Dichlorobenzidine	21.401	252	1136486	35.746	ng	99
83) Chrysene	21.536	228	4040785	53.252	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2835279	55.229	ng	99
85) Di-n-octyl phthalate	22.636	149	4927189	54.452	ng	98
87) Indeno(1,2,3-cd)pyrene	28.483	276	6262019	56.985	ng	# 91
88) Benzo(b)fluoranthene	23.718	252	4720941	54.771	ng	99
89) Benzo(k)fluoranthene	23.789	252	4586861	52.279	ng	100
90) Benzo(a)pyrene	24.601	252	4548873	54.040	ng	99
91) Dibenzo(a,h)anthracene	28.530	278	5087848	56.882	ng	99
92) Benzo(g,h,i)perylene	29.606	276	4995931	56.293	ng	100

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

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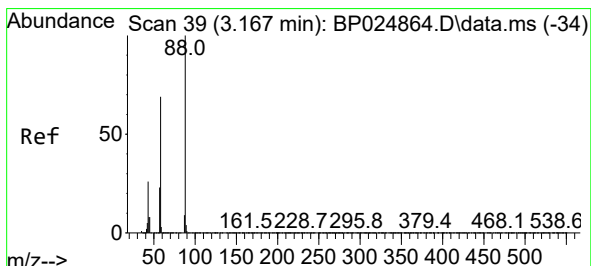
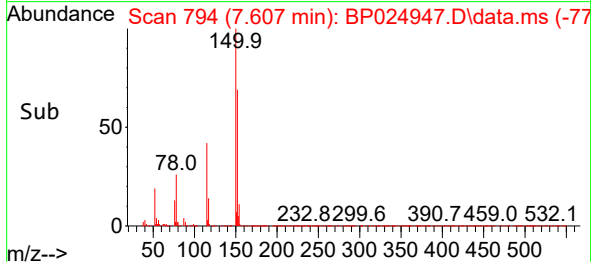
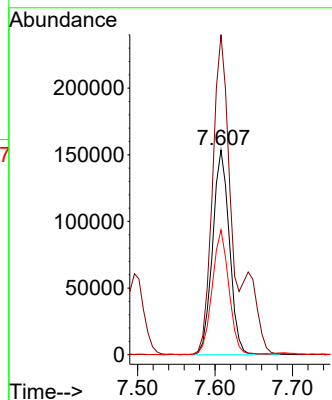
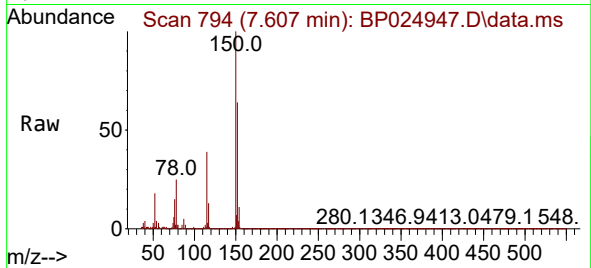




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.607 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024947.D
 Acq: 13 Jun 2025 16:54

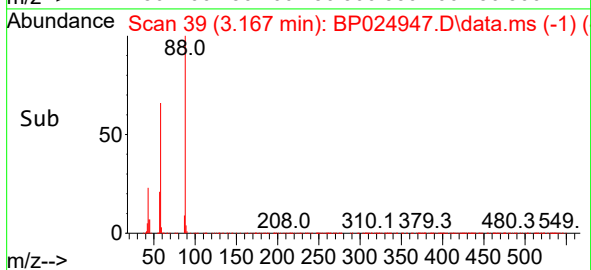
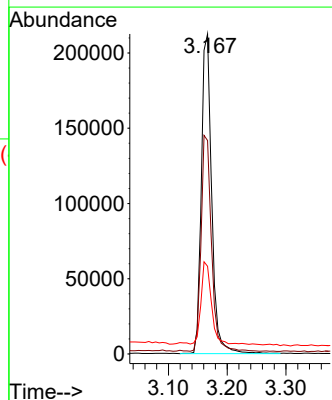
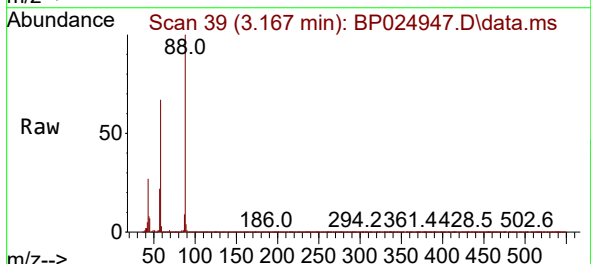
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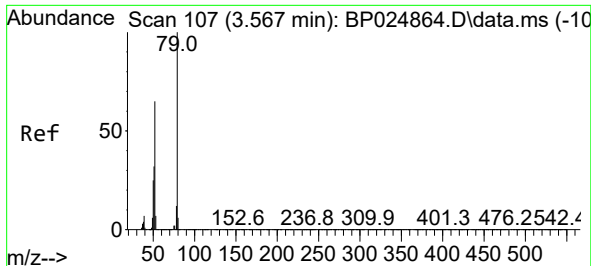
Tgt Ion:152 Resp: 231023
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.1 183.1
 115 61.0 46.4 69.6



#2
 1,4-Dioxane
 Concen: 42.527 ng
 RT: 3.167 min Scan# 39
 Delta R.T. -0.000 min
 Lab File: BP024947.D
 Acq: 13 Jun 2025 16:54

Tgt Ion: 88 Resp: 258983
 Ion Ratio Lower Upper
 88 100
 58 68.0 55.4 83.0
 43 25.2 20.8 31.2

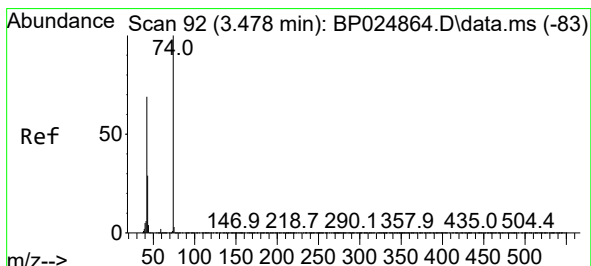
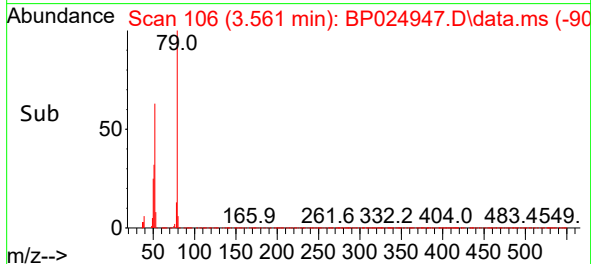
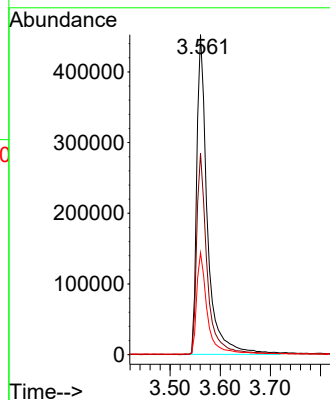
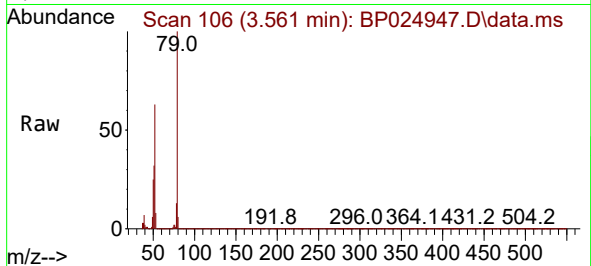




#3
 Pyridine
 Concen: 45.635 ng
 RT: 3.561 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP024947.D
 Acq: 13 Jun 2025 16:54

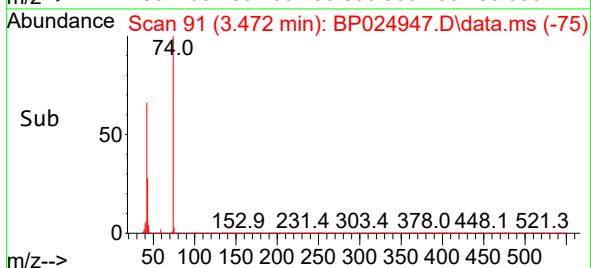
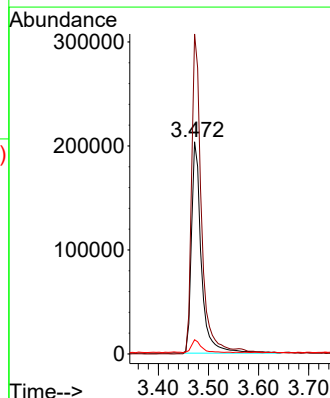
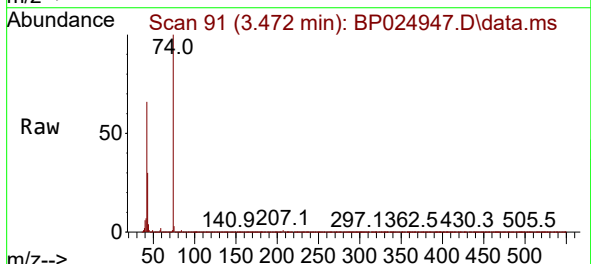
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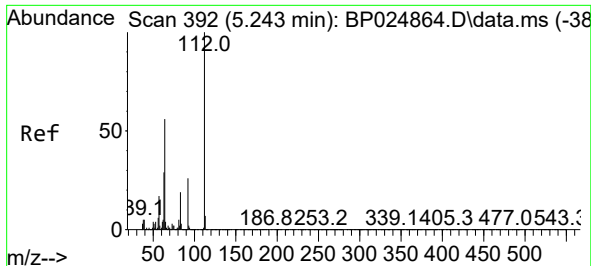
Tgt Ion: 79 Resp: 668353
 Ion Ratio Lower Upper
 79 100
 52 63.0 51.6 77.4
 51 31.8 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 46.638 ng
 RT: 3.472 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024947.D
 Acq: 13 Jun 2025 16:54

Tgt Ion: 42 Resp: 279246
 Ion Ratio Lower Upper
 42 100
 74 150.8 116.6 174.8
 44 6.7 5.4 8.0

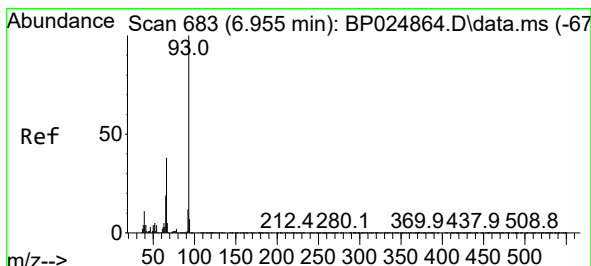
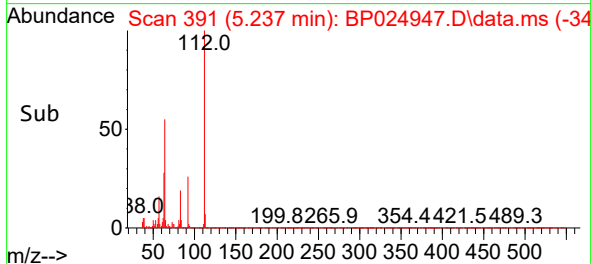
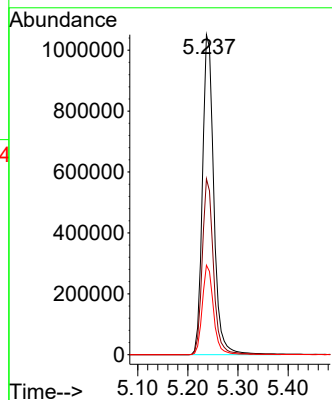
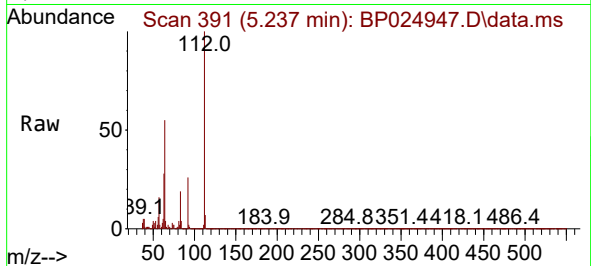




#5
2-Fluorophenol
Concen: 119.321 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

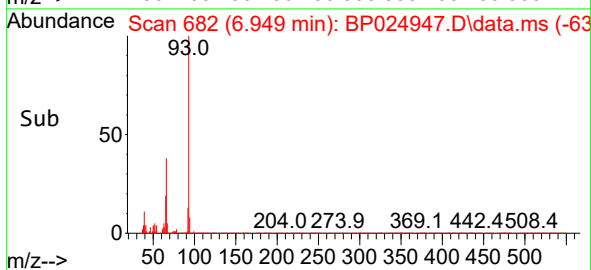
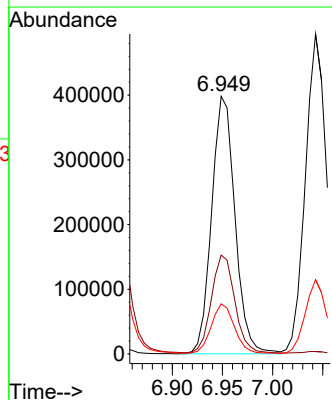
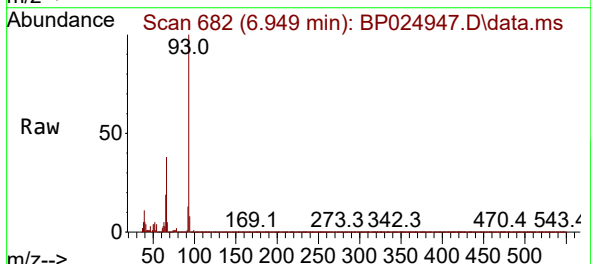
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ClientSampleId :
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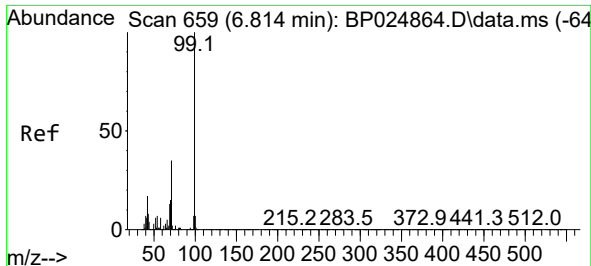
Tgt Ion:112 Resp: 1651442
Ion Ratio Lower Upper
112 100
64 54.9 44.7 67.1
63 28.0 23.5 35.3



#6
Aniline
Concen: 27.639 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion: 93 Resp: 645905
Ion Ratio Lower Upper
93 100
66 38.4 30.9 46.3
65 19.4 15.5 23.3

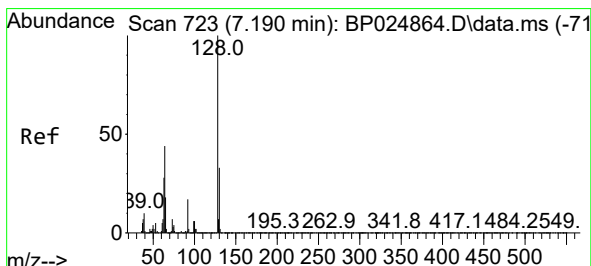
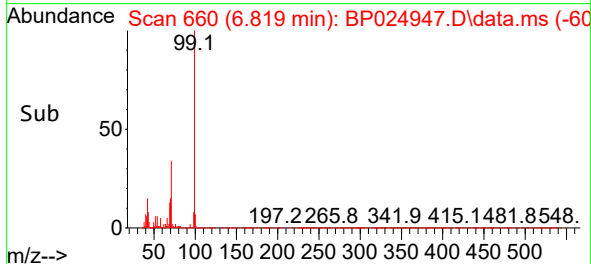
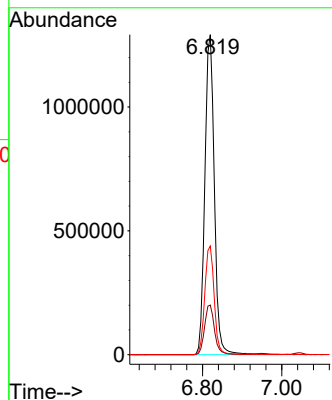
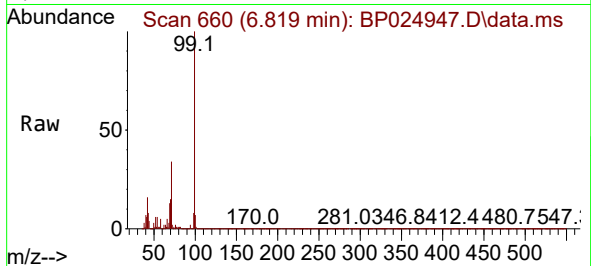




#7
Phenol-d6
Concen: 117.347 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

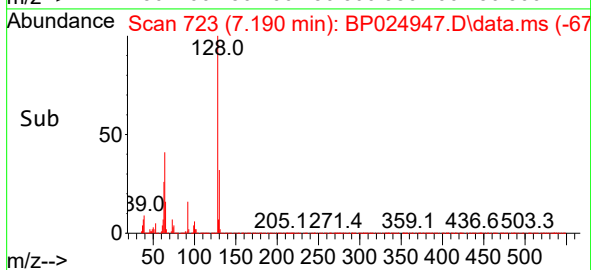
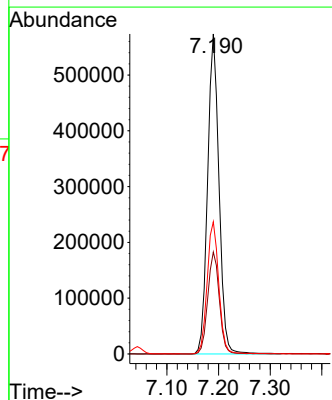
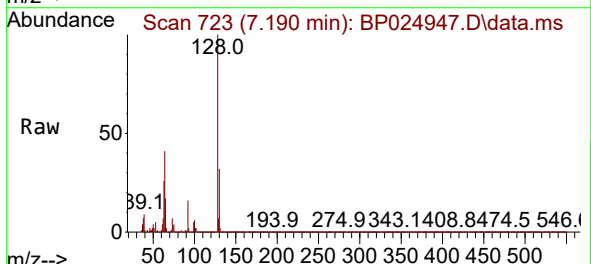
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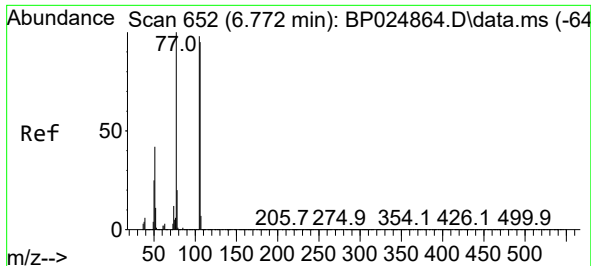
Tgt Ion: 99 Resp: 2148879
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.2
71 33.9 27.6 41.4



#8
2-Chlorophenol
Concen: 55.876 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion: 128 Resp: 876689
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 41.3 24.1 64.1

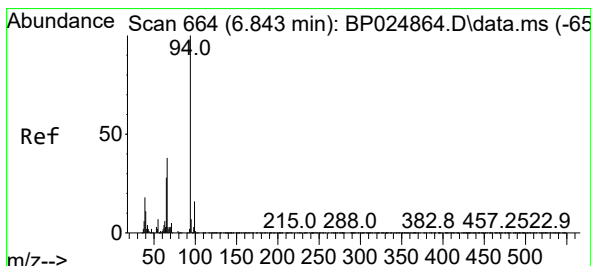
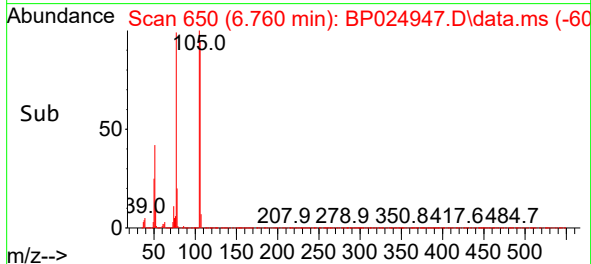
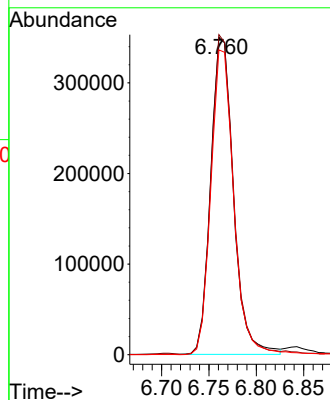
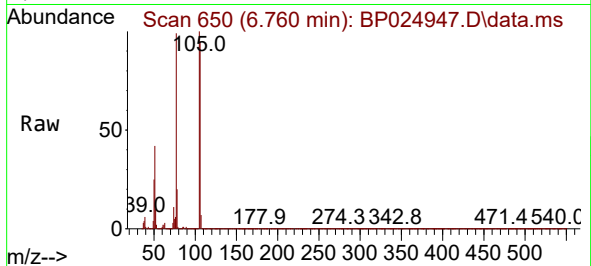




#9
Benzaldehyde
Concen: 55.273 ng
RT: 6.760 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

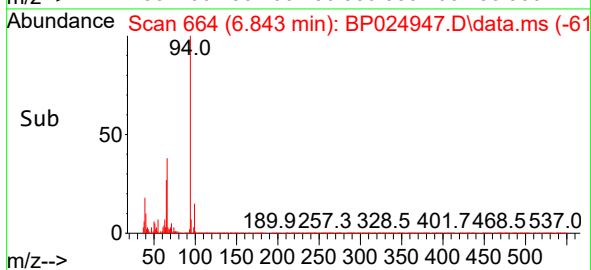
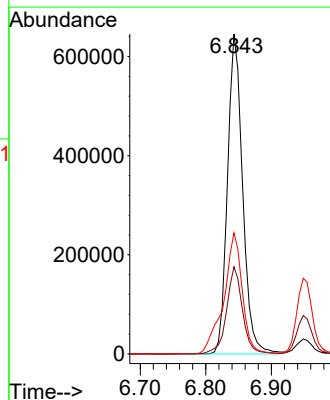
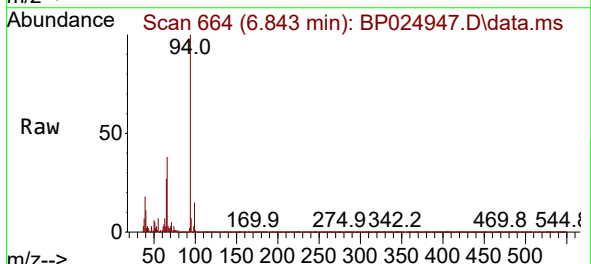
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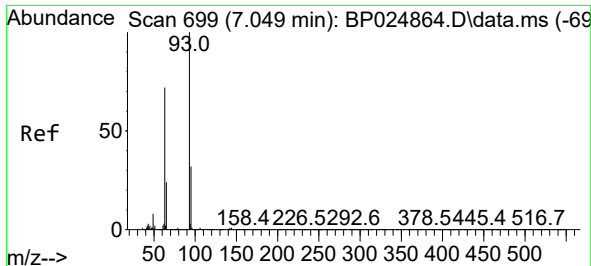
Tgt Ion: 77 Resp: 583409
Ion Ratio Lower Upper
77 100
105 100.9 77.7 117.7
106 96.1 74.8 114.8



#10
Phenol
Concen: 54.723 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion: 94 Resp: 1033059
Ion Ratio Lower Upper
94 100
65 27.2 8.3 48.3
66 37.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 50.162 ng

RT: 7.043 min Scan# 699

Delta R.T. -0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

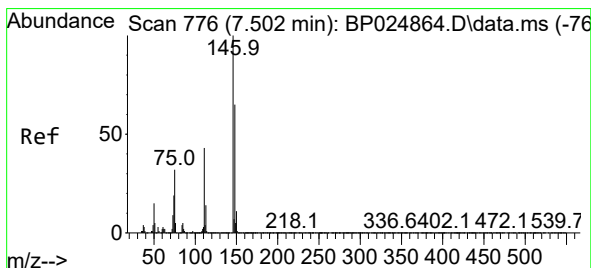
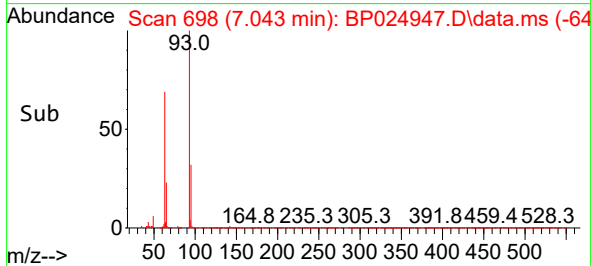
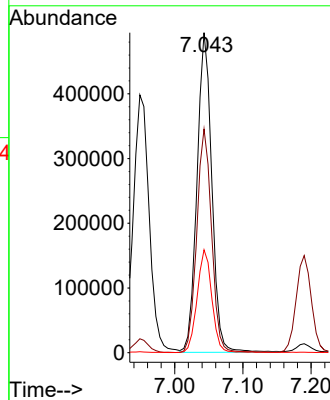
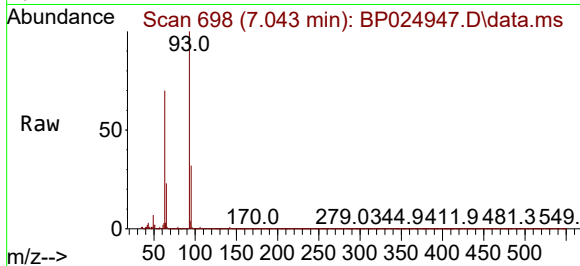
Tgt Ion: 93 Resp: 744795

Ion Ratio Lower Upper

93 100

63 69.9 51.6 91.6

95 32.2 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 51.492 ng

RT: 7.496 min Scan# 775

Delta R.T. -0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

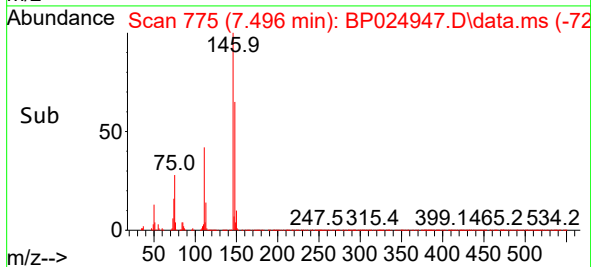
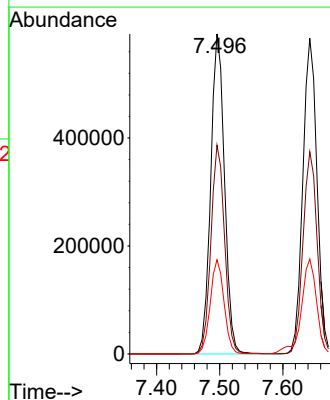
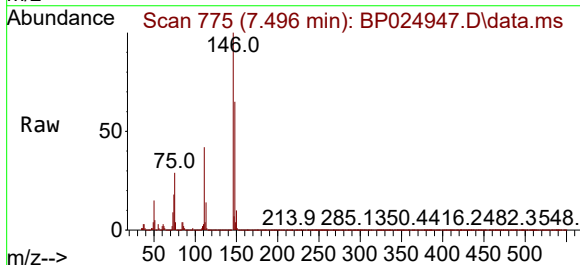
Tgt Ion: 146 Resp: 901266

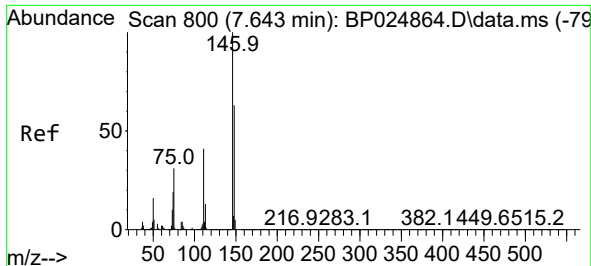
Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

75 29.5 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 51.676 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

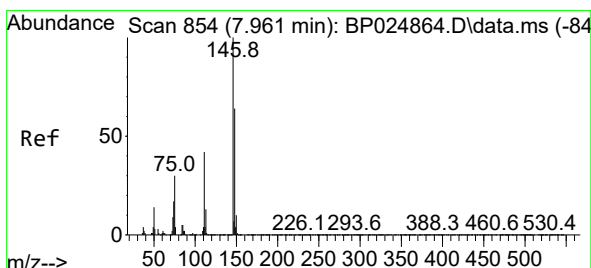
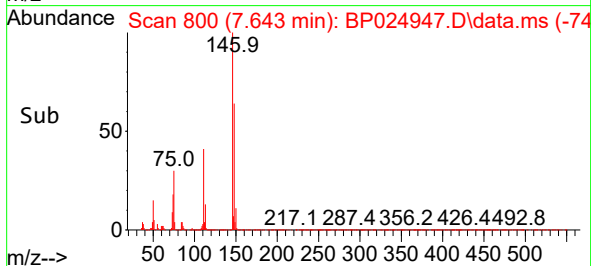
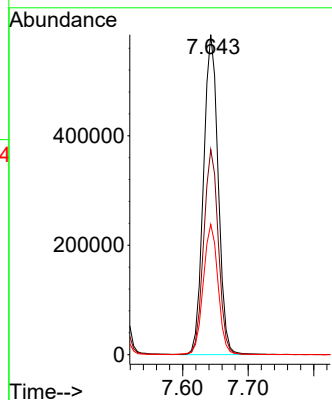
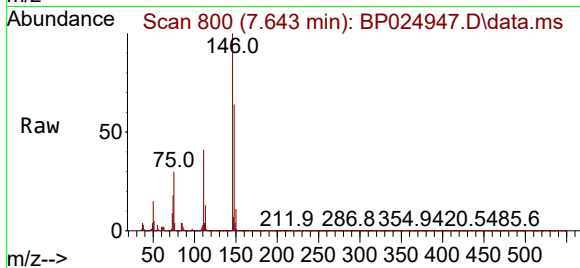
Tgt Ion:146 Resp: 912626

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

111 40.8 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 50.432 ng

RT: 7.955 min Scan# 853

Delta R.T. -0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

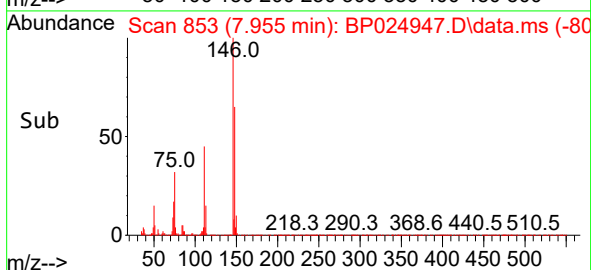
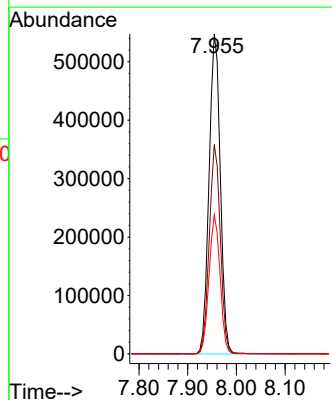
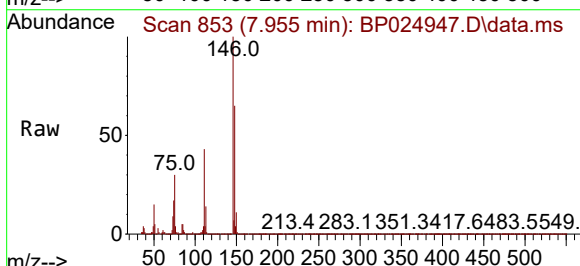
Tgt Ion:146 Resp: 874607

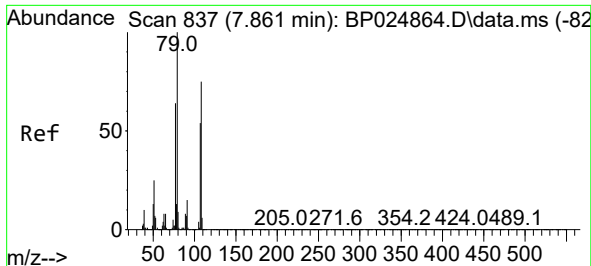
Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.4

111 43.4 33.8 50.8

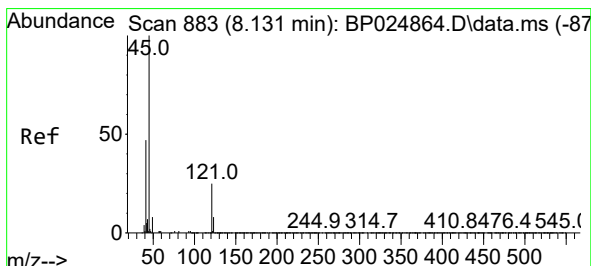
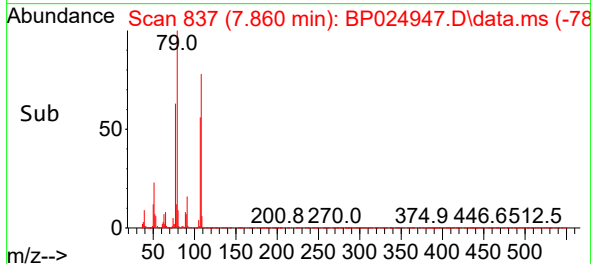
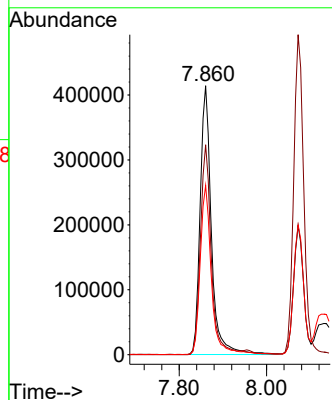
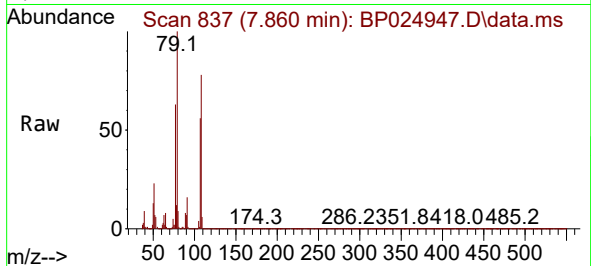




#15
Benzyl Alcohol
Concen: 52.752 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

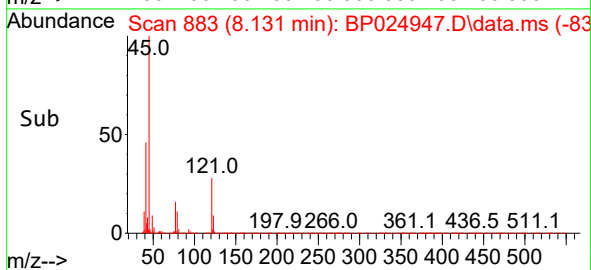
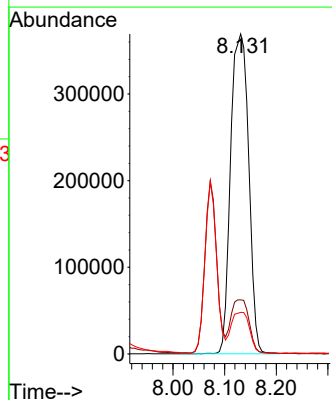
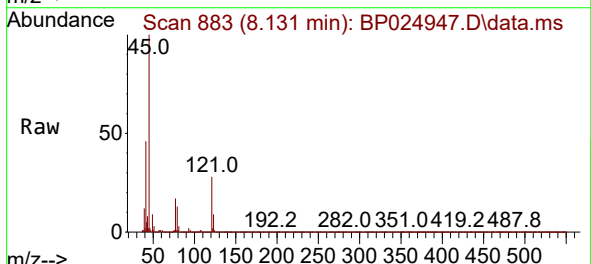
Instrument :
BNA_P
ClientSampleId :
TP-7MS

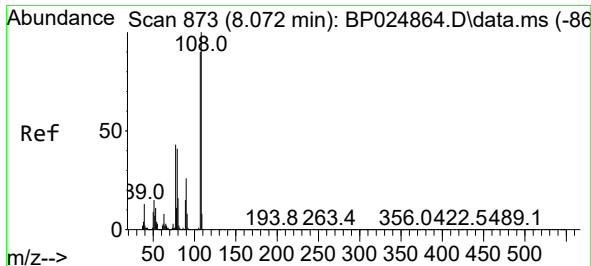
Tgt Ion: 79 Resp: 741388
Ion Ratio Lower Upper
79 100
108 78.1 60.2 90.4
77 63.0 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.103 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion: 45 Resp: 895951
Ion Ratio Lower Upper
45 100
77 16.9 0.0 36.3
79 13.0 0.0 32.2

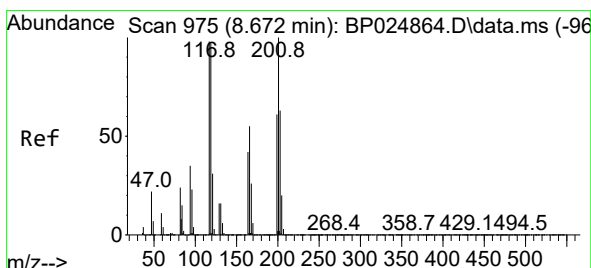
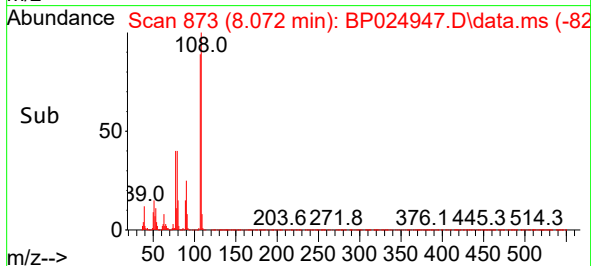
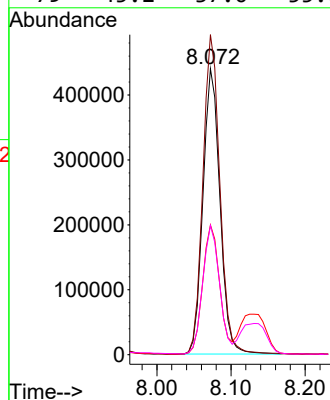
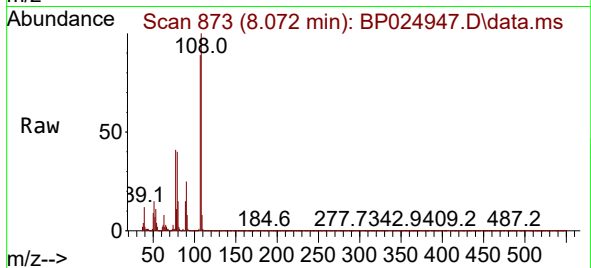




#17
2-Methylphenol
Concen: 53.177 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

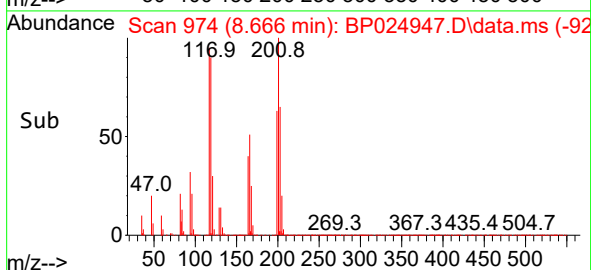
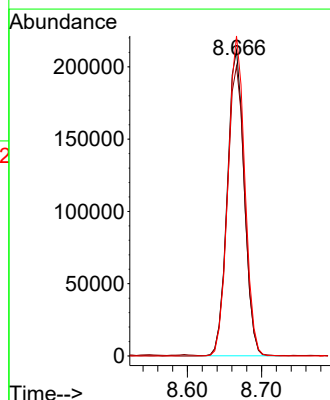
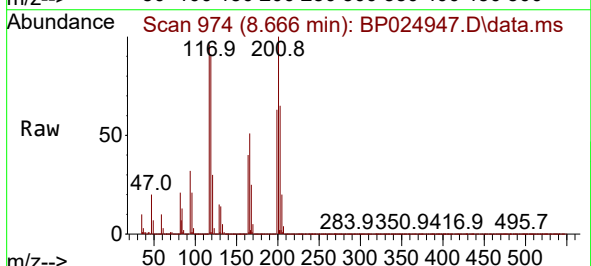
Instrument :
BNA_P
ClientSampleId :
TP-7MS

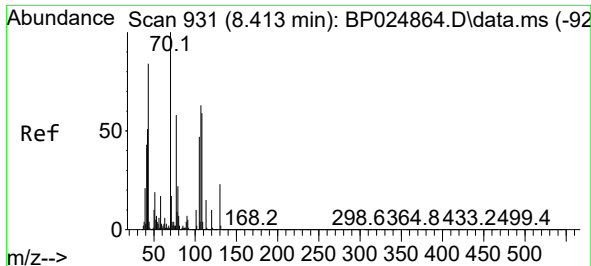
Tgt Ion:	107	Resp:	701016
Ion	Ratio	Lower	Upper
107	100		
108	111.9	88.6	132.8
77	45.4	38.5	57.7
79	45.2	37.0	55.6



#18
Hexachloroethane
Concen: 50.411 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:	117	Resp:	335183
Ion	Ratio	Lower	Upper
117	100		
119	94.9	79.4	119.2
201	104.7	81.4	122.2

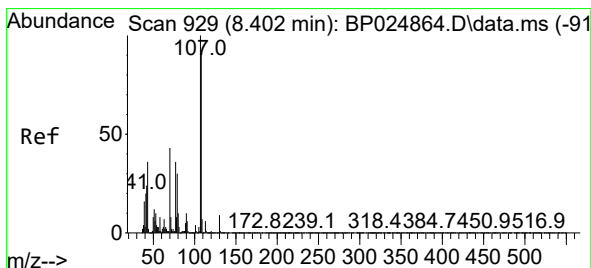
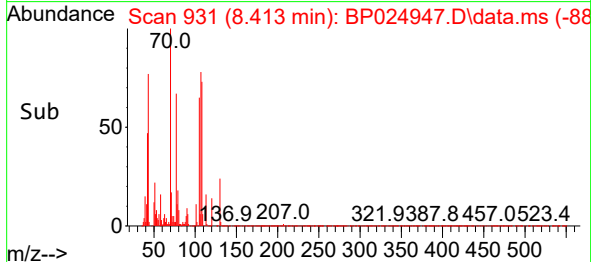
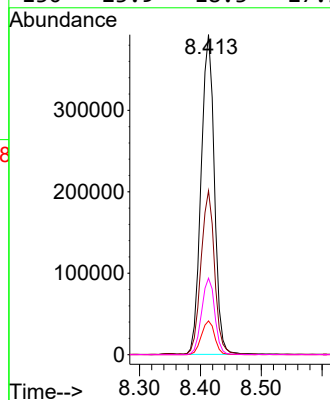
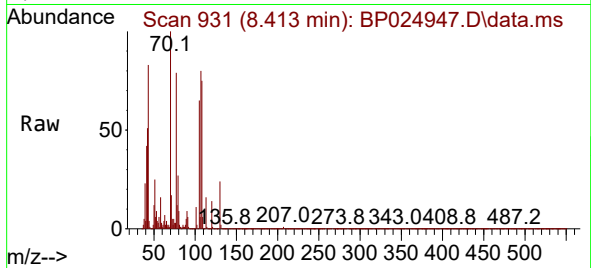




#19
n-Nitroso-di-n-propylamine
Concen: 47.718 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

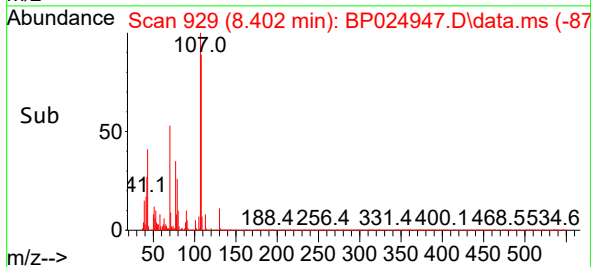
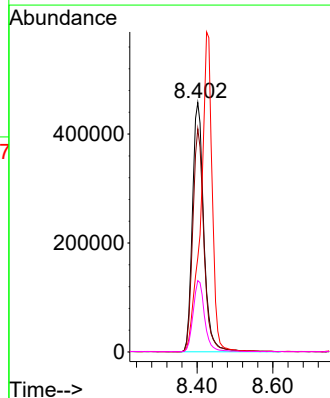
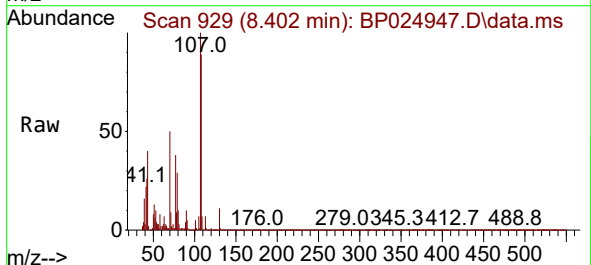
Instrument :
BNA_P
ClientSampleId :
TP-7MS

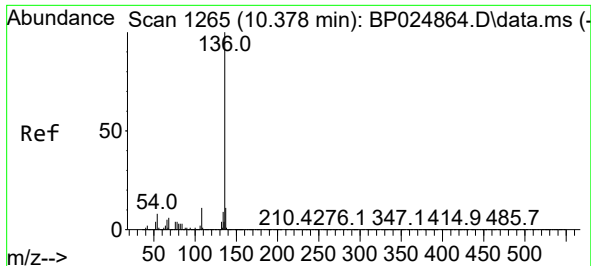
Tgt Ion:	70	Resp:	594030
Ion	Ratio	Lower	Upper
70	100		
42	51.2	41.2	61.8
101	10.5	8.3	12.5
130	23.9	18.3	27.5



#20
3+4-Methylphenols
Concen: 53.316 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:	107	Resp:	958910
Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.7	110.7
77	37.8	16.6	56.6
79	28.6	10.0	50.0

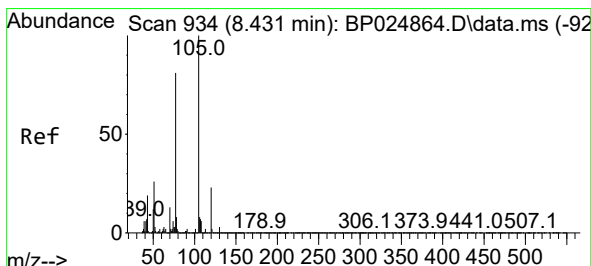
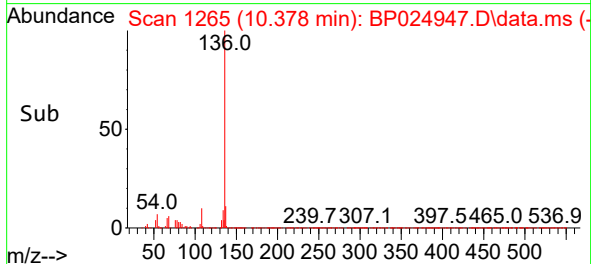
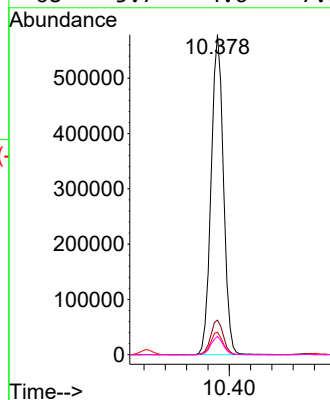
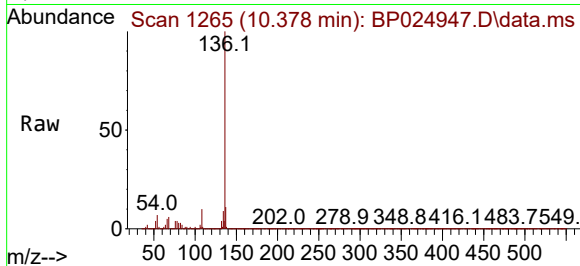




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

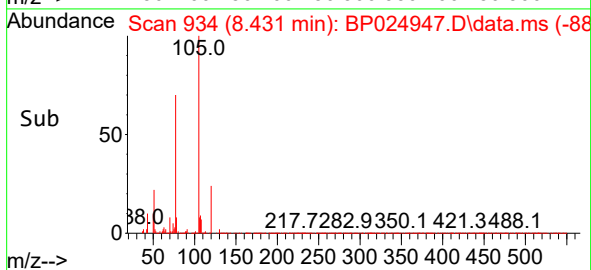
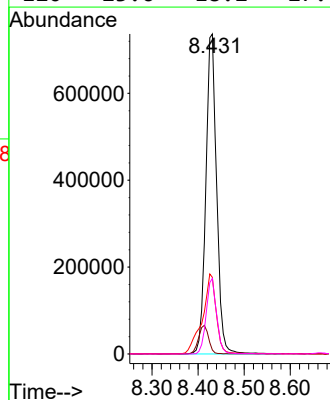
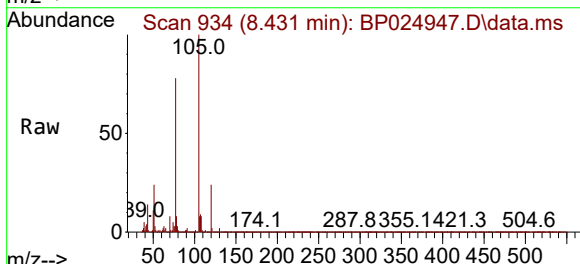
Instrument :
BNA_P
ClientSampleId :
TP-7MS

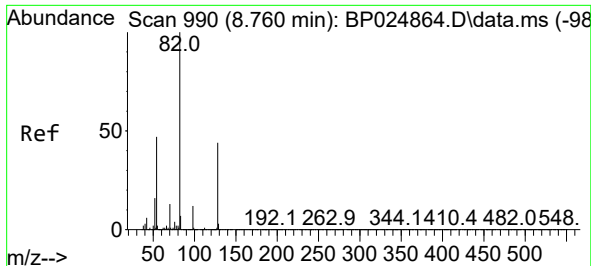
Tgt Ion:	136	Resp:	930409
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.1	9.1
68	5.7	4.6	7.0



#22
Acetophenone
Concen: 51.359 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:	105	Resp:	1207307
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.6	2.4
51	23.9	20.6	31.0
120	23.6	18.2	27.4

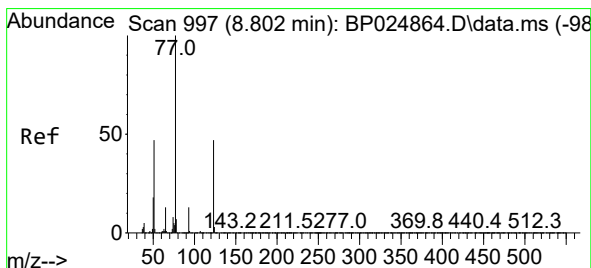
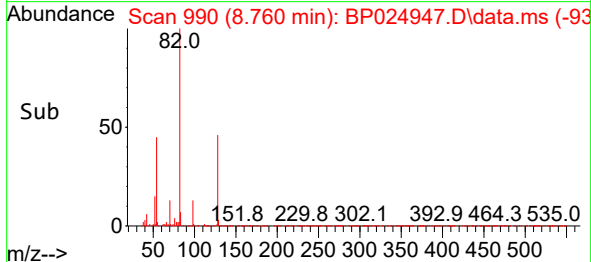
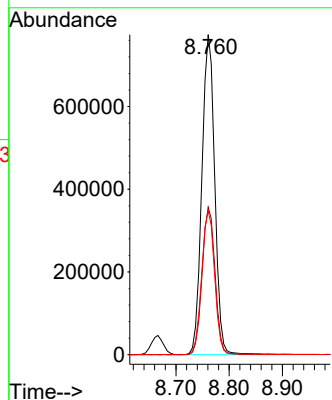
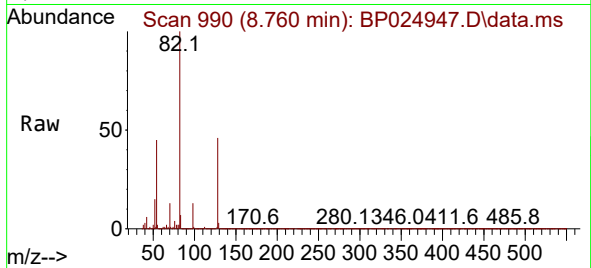




#23
Nitrobenzene-d5
Concen: 67.771 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

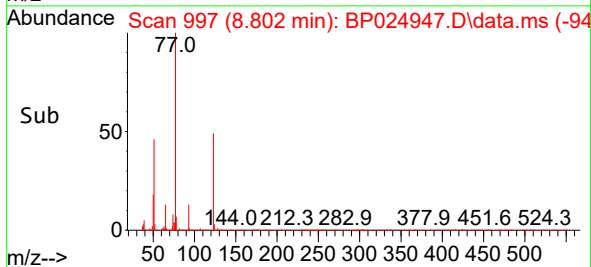
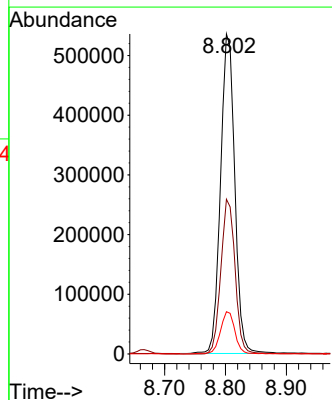
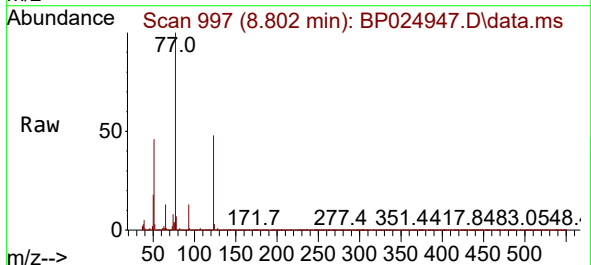
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TP-7MS

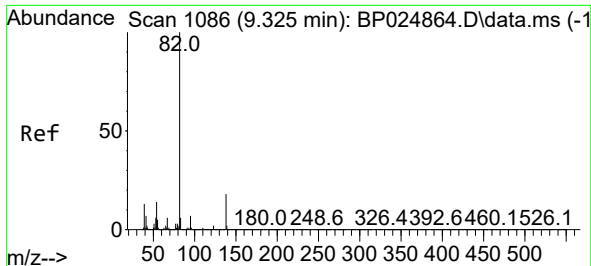
Tgt Ion: 82 Resp: 1297611
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 45.0 37.4 56.0



#24
Nitrobenzene
Concen: 51.231 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion: 77 Resp: 871435
Ion Ratio Lower Upper
77 100
123 48.4 37.3 55.9
65 13.2 10.8 16.2

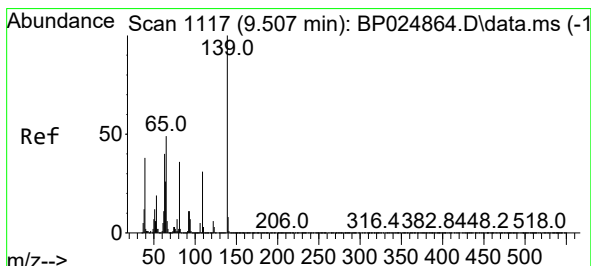
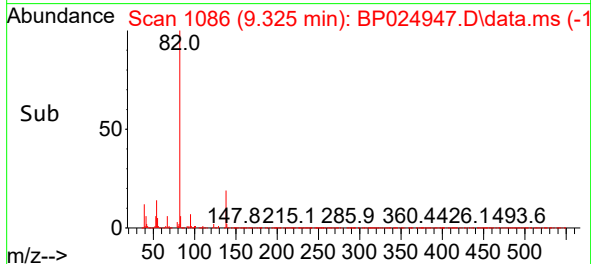
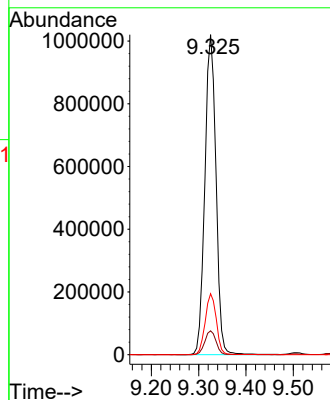
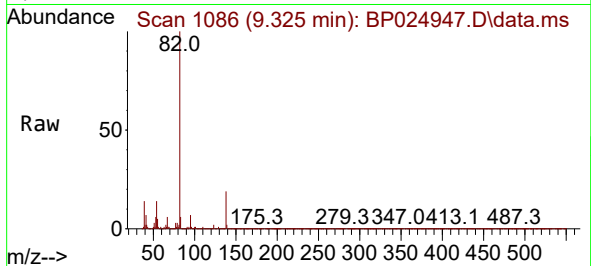




#25
Isophorone
Concen: 49.896 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

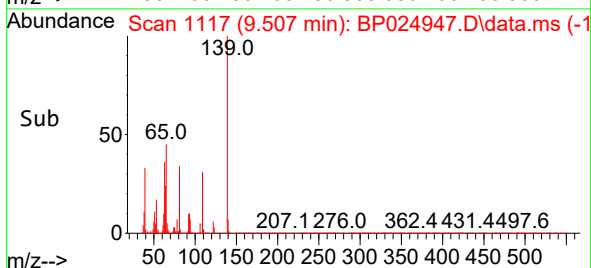
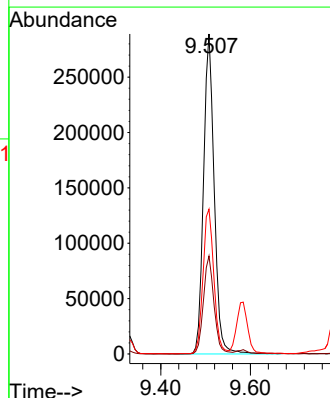
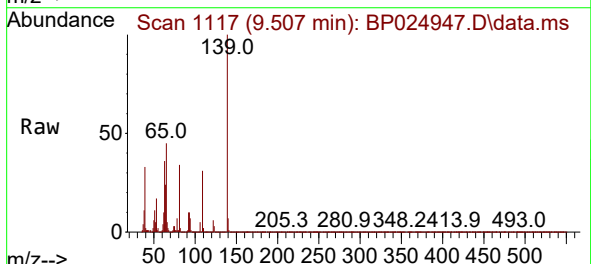
Instrument :
BNA_P
ClientSampleId :
TP-7MS

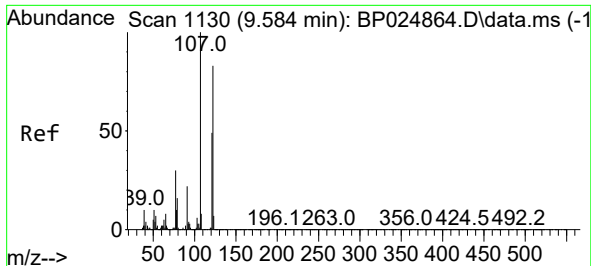
Tgt Ion: 82 Resp: 1655740
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 19.0 14.6 21.8



#26
2-Nitrophenol
Concen: 56.933 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:139 Resp: 477824
Ion Ratio Lower Upper
139 100
109 30.6 24.6 37.0
65 45.3 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 56.172 ng

RT: 9.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

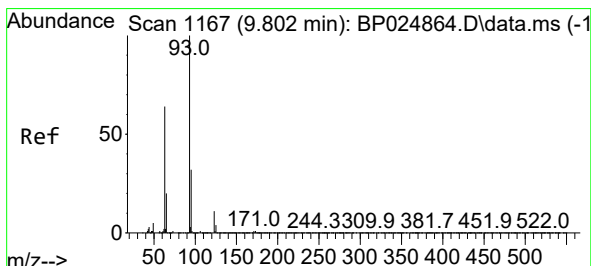
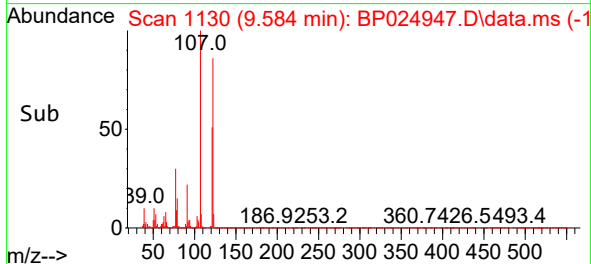
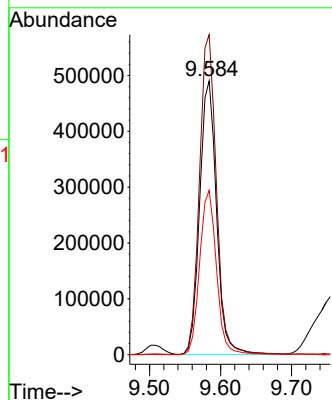
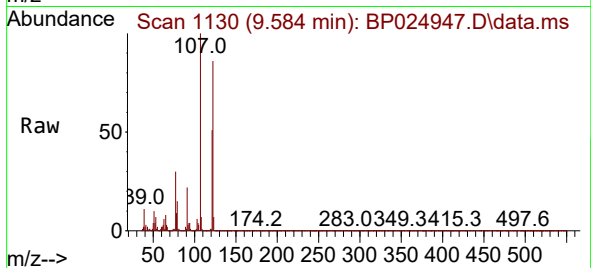
Tgt Ion:122 Resp: 806831

Ion Ratio Lower Upper

122 100

107 116.9 96.2 144.4

121 60.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 51.538 ng

RT: 9.802 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

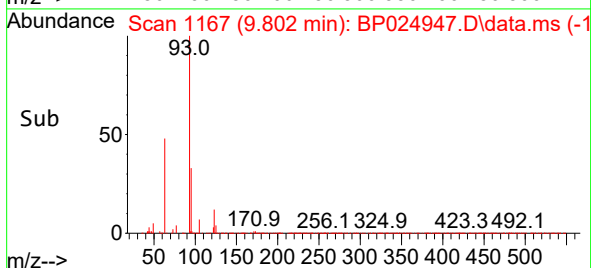
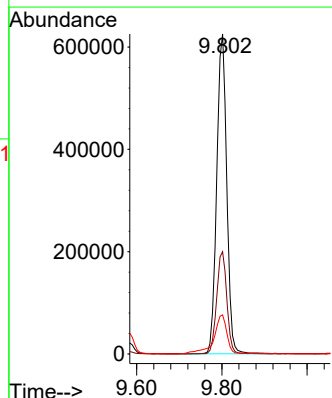
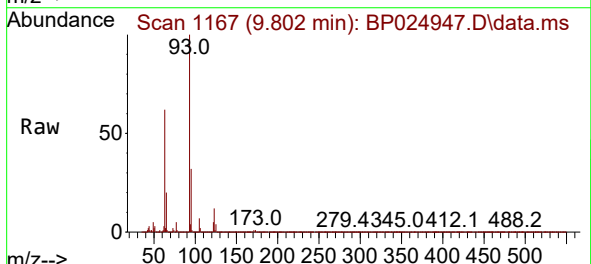
Tgt Ion: 93 Resp: 1020172

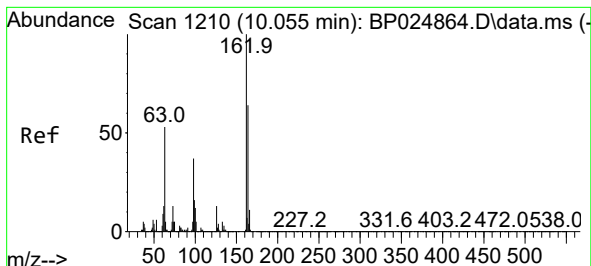
Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 59.929 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

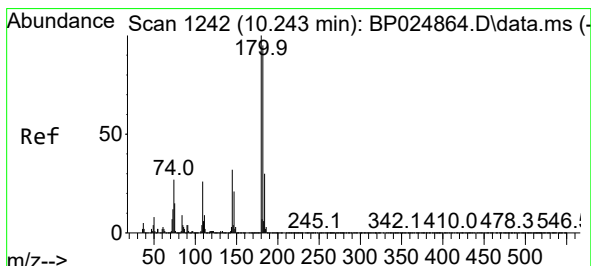
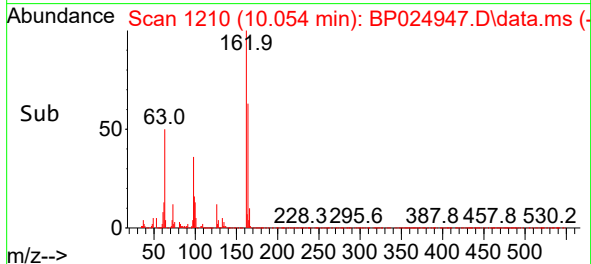
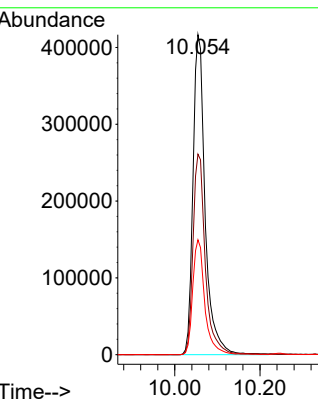
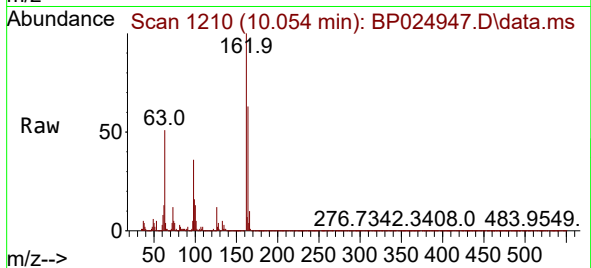
Tgt Ion:162 Resp: 825938

Ion Ratio Lower Upper

162 100

164 62.7 44.0 84.0

98 35.9 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 53.607 ng

RT: 10.249 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

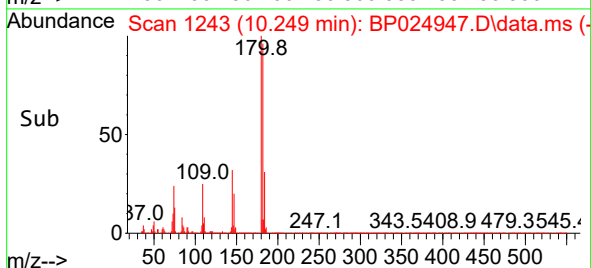
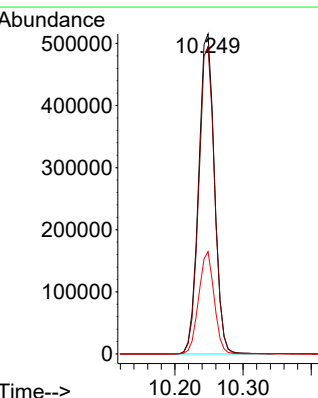
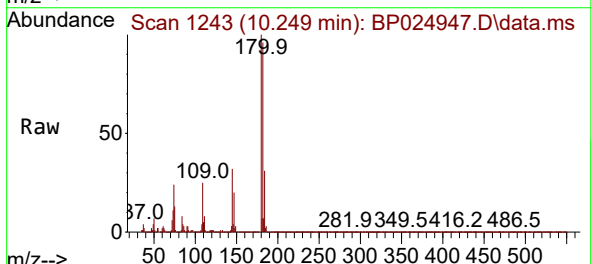
Tgt Ion:180 Resp: 833313

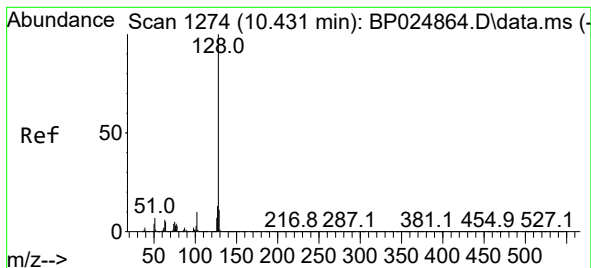
Ion Ratio Lower Upper

180 100

182 96.1 75.8 113.6

145 32.0 25.7 38.5





#31

Naphthalene

Concen: 52.694 ng

RT: 10.431 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

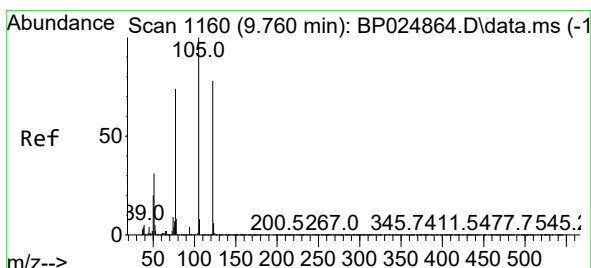
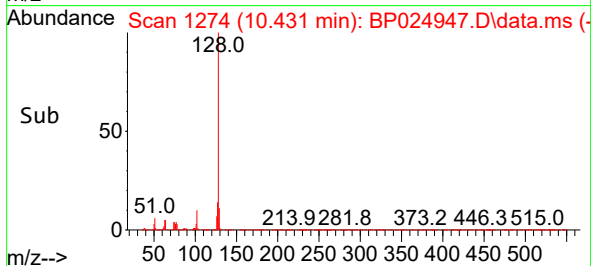
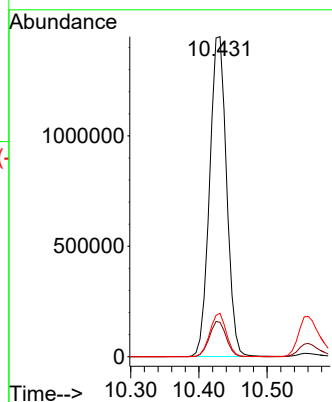
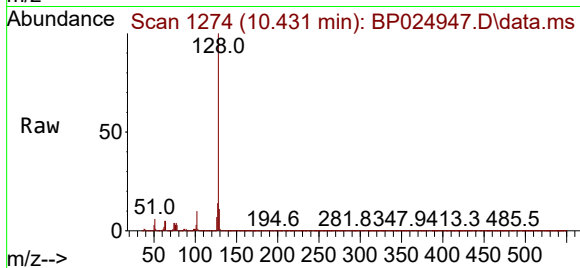
Tgt Ion:128 Resp: 2512447

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 58.862 ng

RT: 9.784 min Scan# 1164

Delta R.T. 0.023 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

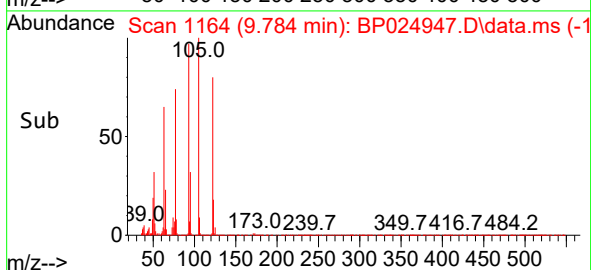
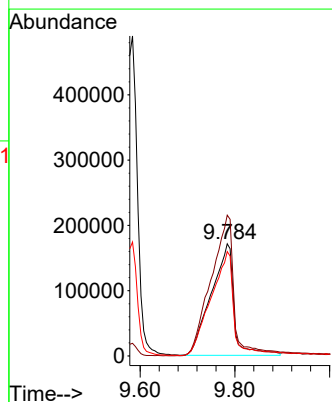
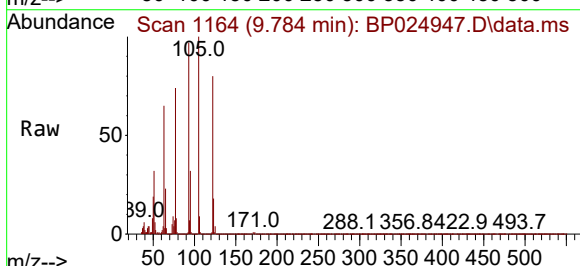
Tgt Ion:122 Resp: 571336

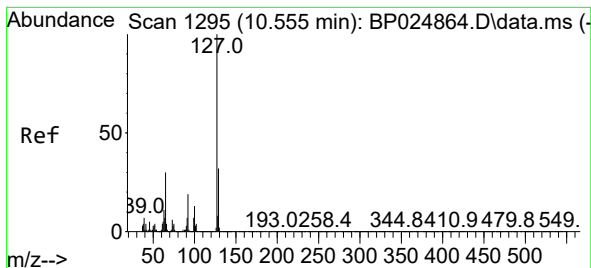
Ion Ratio Lower Upper

122 100

105 125.5 107.1 147.1

77 93.0 75.1 115.1





#33

4-Chloroaniline

Concen: 21.043 ng

RT: 10.560 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

Tgt Ion:127 Resp: 420350

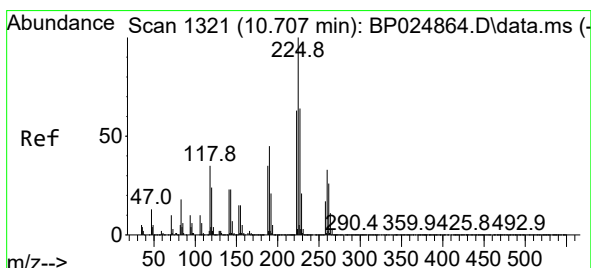
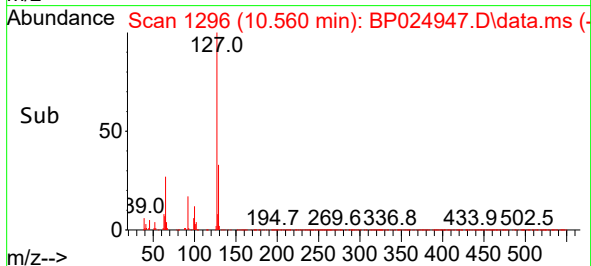
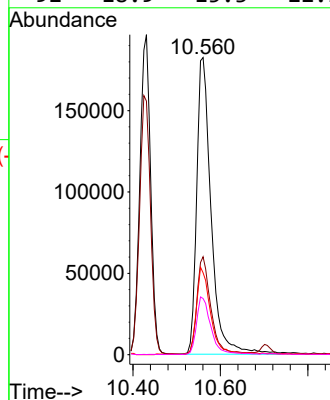
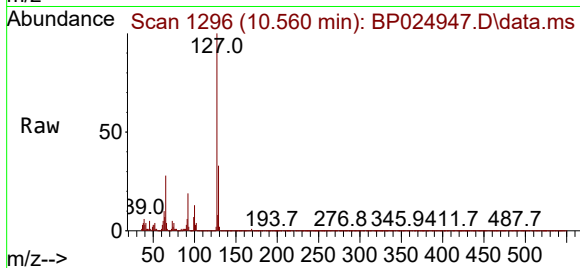
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 27.6 23.9 35.9

92 18.9 15.3 22.9



#34

Hexachlorobutadiene

Concen: 54.240 ng

RT: 10.707 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

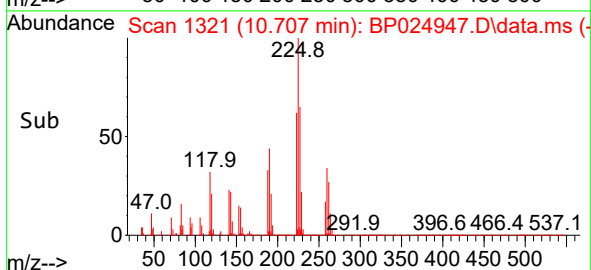
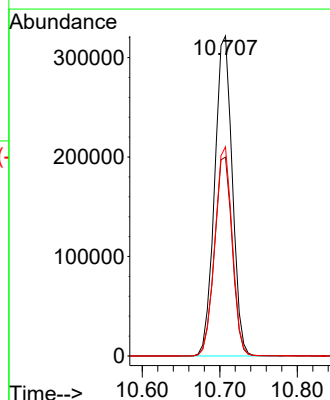
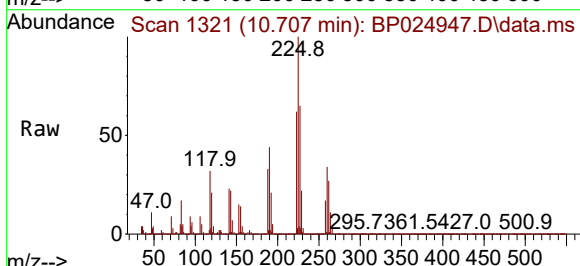
Tgt Ion:225 Resp: 508173

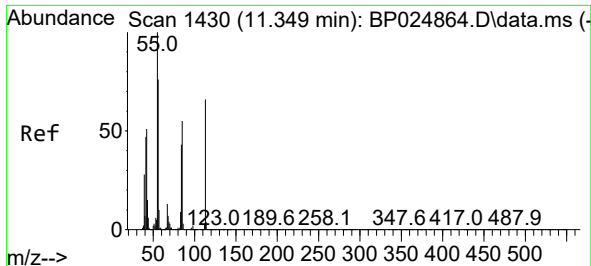
Ion Ratio Lower Upper

225 100

223 62.1 50.5 75.7

227 65.3 51.4 77.2

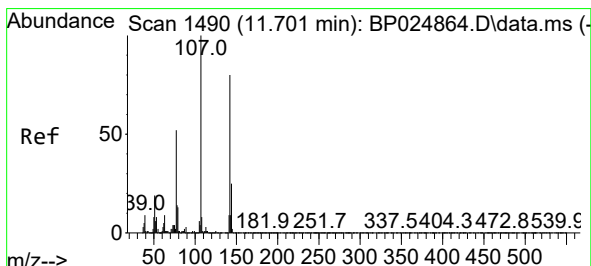
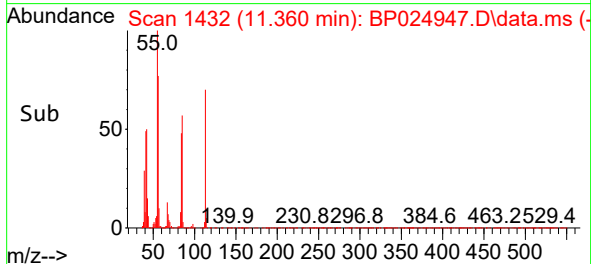
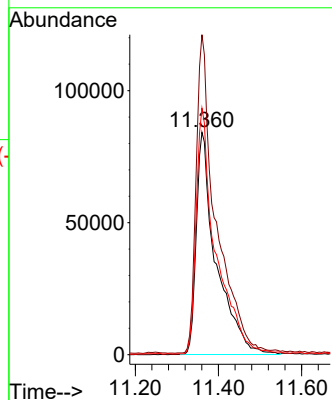
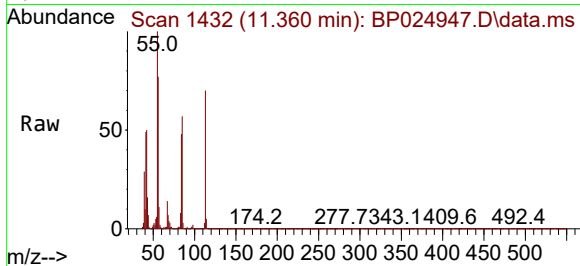




#35
Caprolactam
Concen: 54.834 ng
RT: 11.360 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

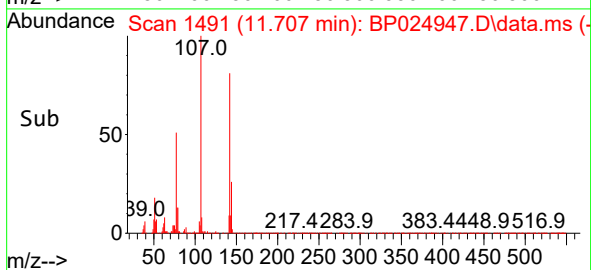
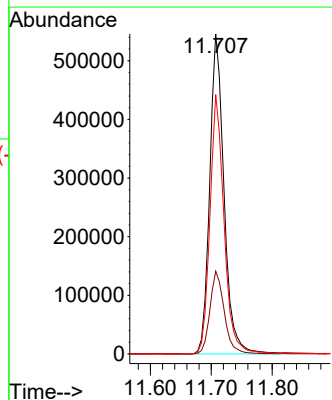
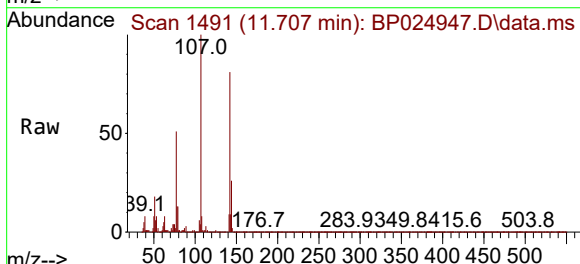
Instrument :
BNA_P
ClientSampleId :
TP-7MS

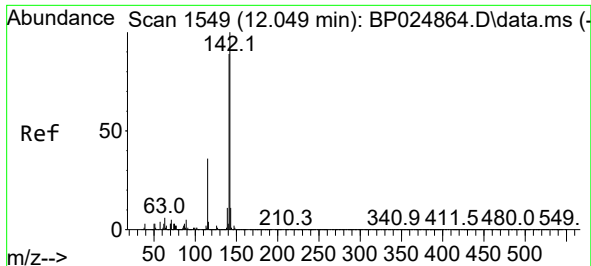
Tgt Ion:113 Resp: 278185
Ion Ratio Lower Upper
113 100
55 143.9 132.5 172.5
56 110.8 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 56.162 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:107 Resp: 892788
Ion Ratio Lower Upper
107 100
144 25.9 20.4 30.6
142 81.1 63.8 95.6

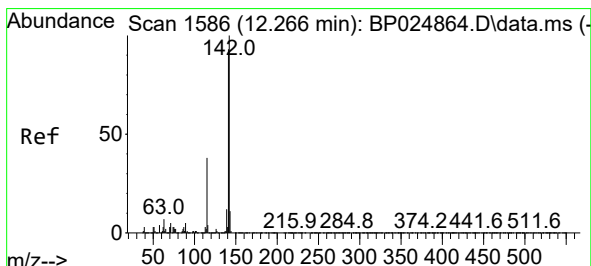
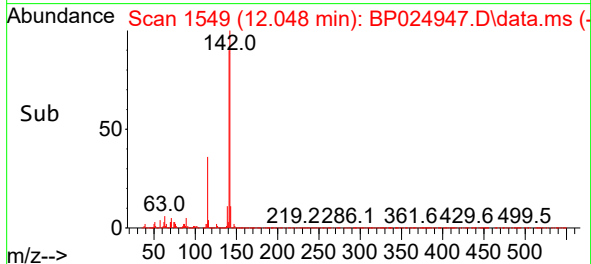
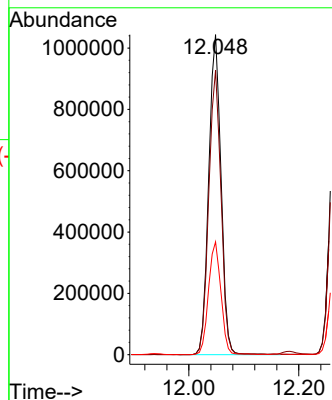
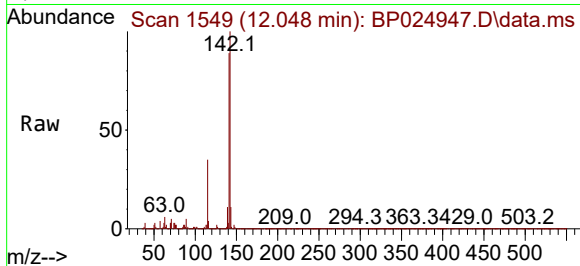




#37
2-Methylnaphthalene
Concen: 53.407 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

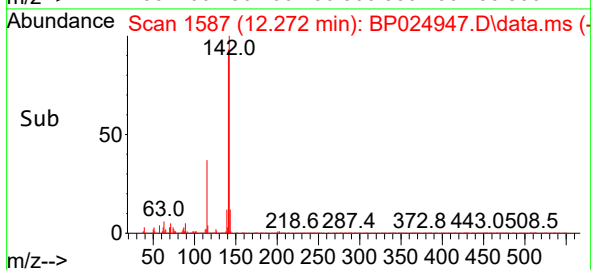
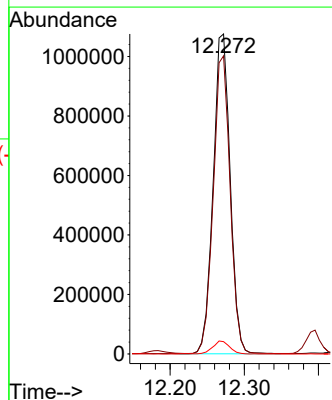
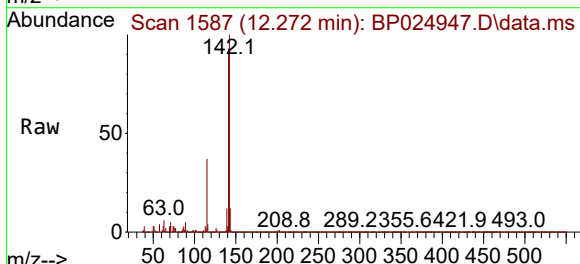
Instrument :
BNA_P
ClientSampleId :
TP-7MS

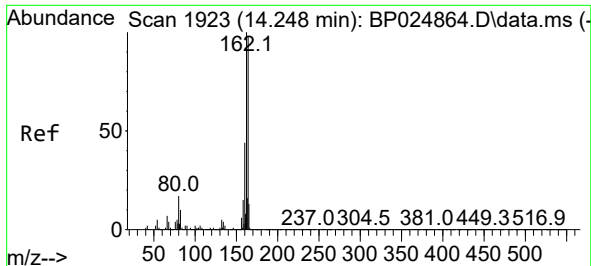
Tgt Ion:142 Resp: 1615255
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 35.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 52.831 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:142 Resp: 1708288
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 3.9 3.4 5.0

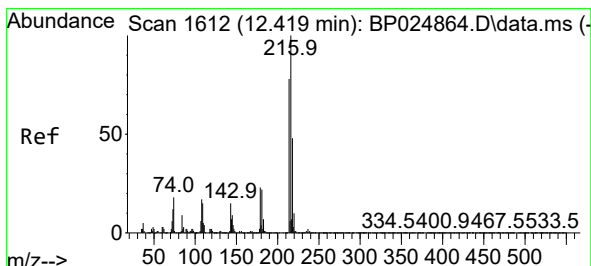
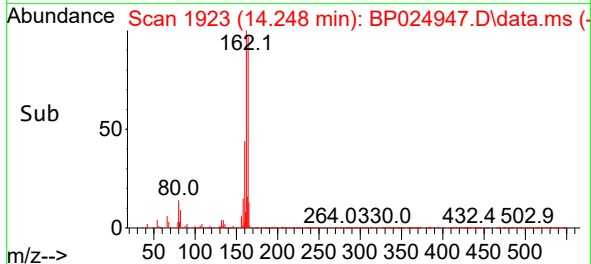
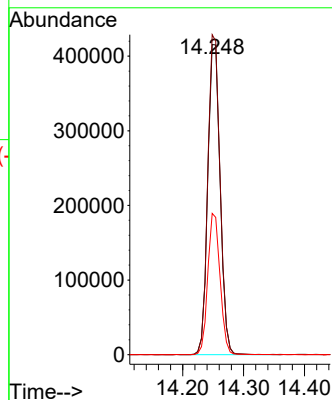
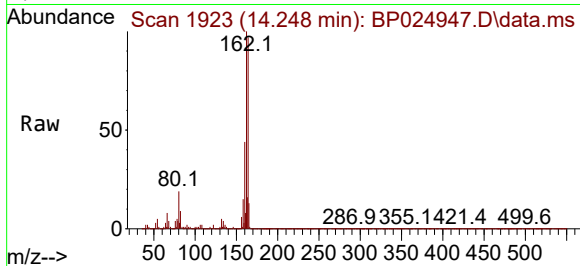




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

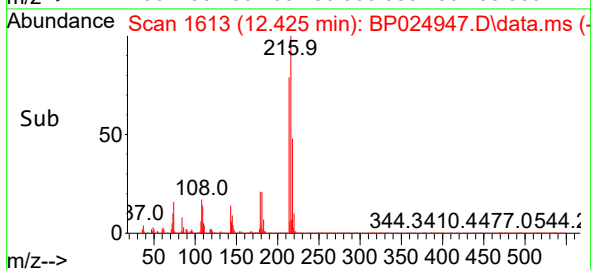
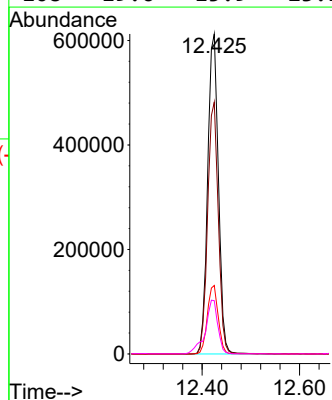
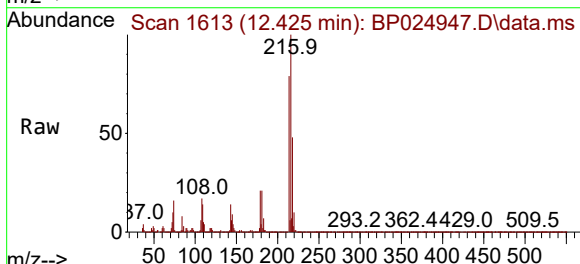
Instrument :
BNA_P
ClientSampleId :
TP-7MS

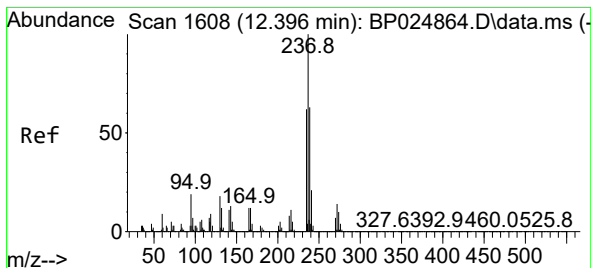
Tgt Ion:164 Resp: 587765
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 45.6 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.899 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:216 Resp: 932284
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 21.7 17.8 26.6
108 19.6 15.9 23.9





#41

Hexachlorocyclopentadiene

Concen: 88.865 ng

RT: 12.395 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

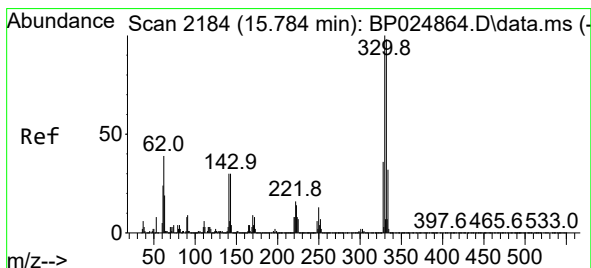
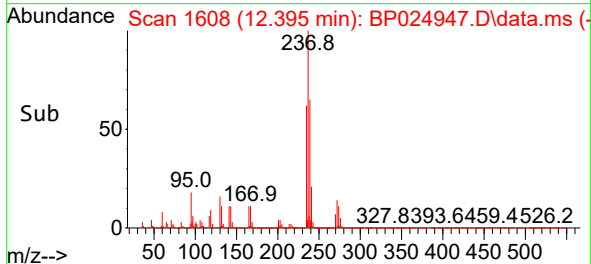
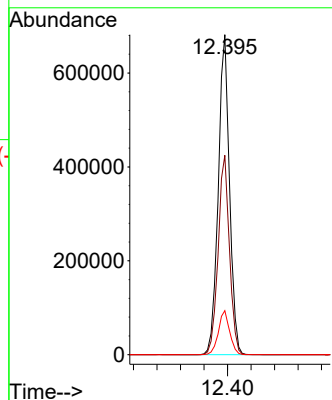
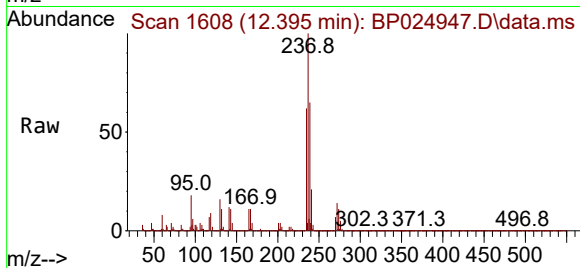
Tgt Ion:237 Resp: 903986

Ion Ratio Lower Upper

237 100

235 62.3 41.9 81.9

272 13.8 0.0 33.7



#42

2,4,6-Tribromophenol

Concen: 133.677 ng

RT: 15.784 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

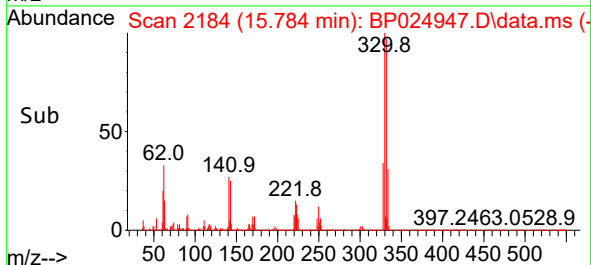
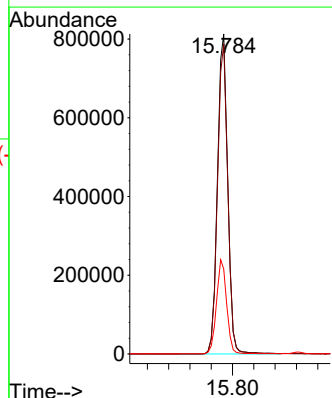
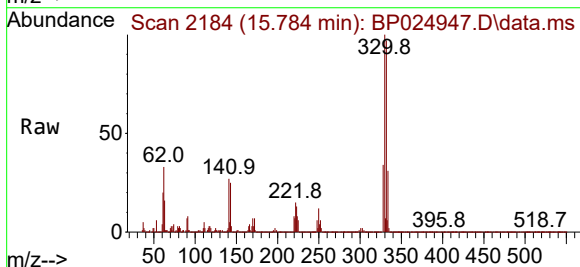
Tgt Ion:330 Resp: 1086283

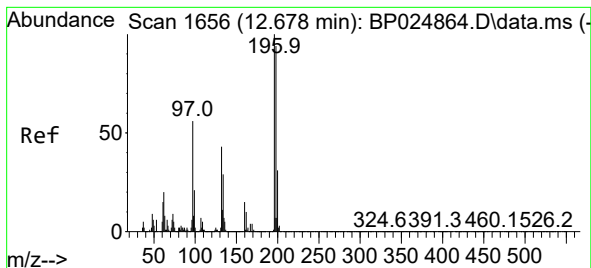
Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 29.2 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 58.472 ng

RT: 12.678 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

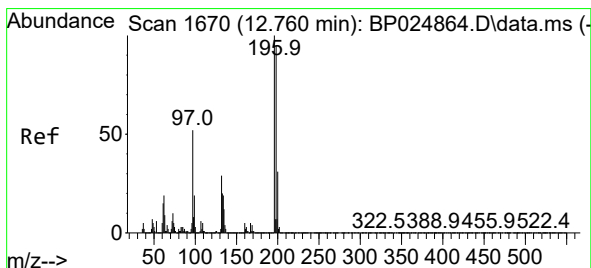
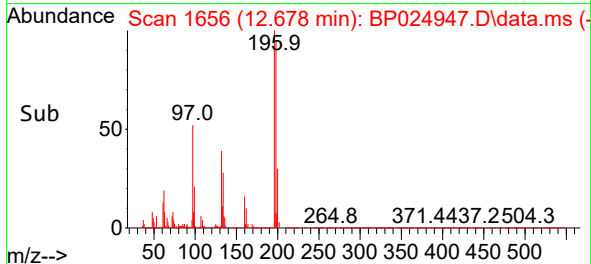
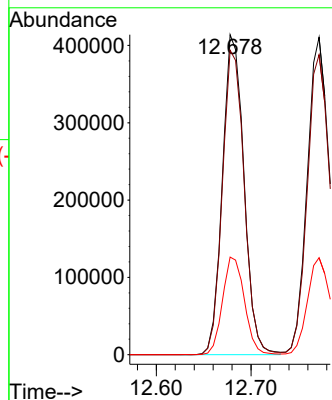
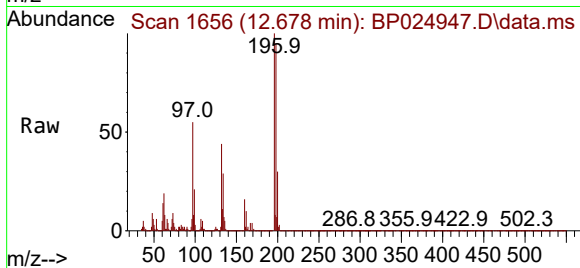
Tgt Ion:196 Resp: 654913

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.0

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 60.703 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Tgt Ion:196 Resp: 728136

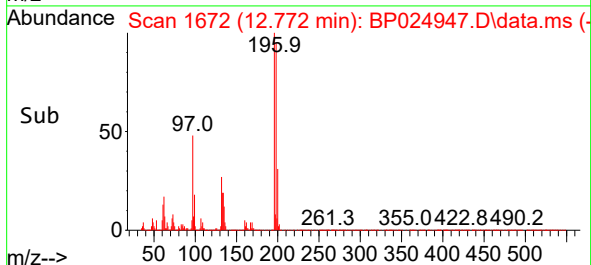
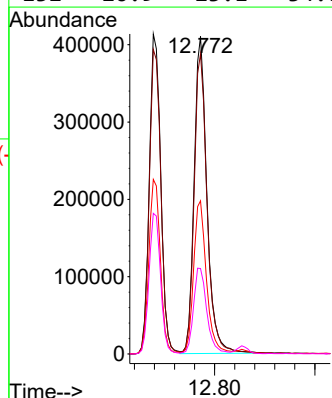
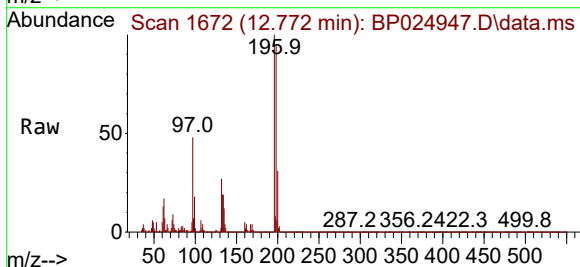
Ion Ratio Lower Upper

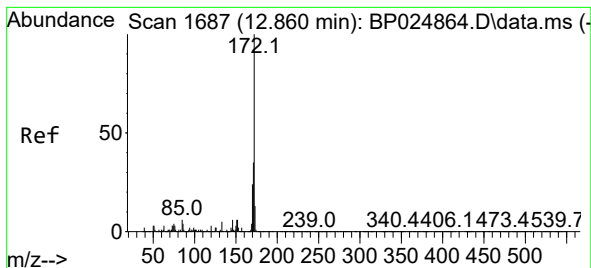
196 100

198 94.5 76.0 114.0

97 48.2 41.5 62.3

132 26.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 68.656 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

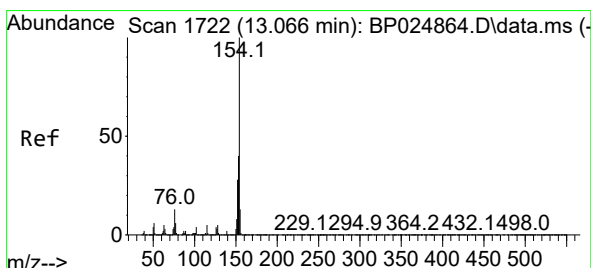
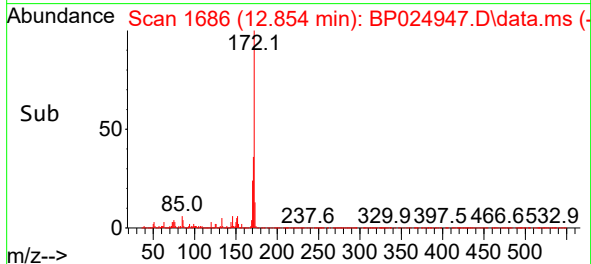
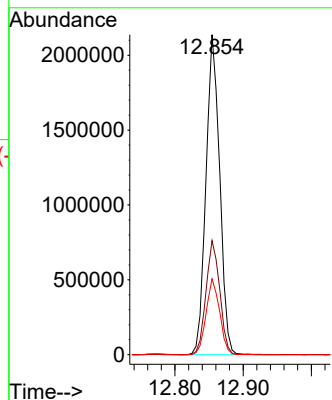
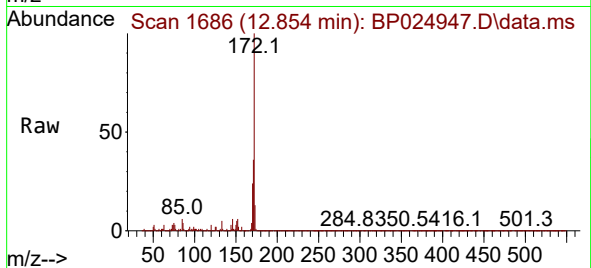
Tgt Ion:172 Resp: 2995548

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 54.744 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

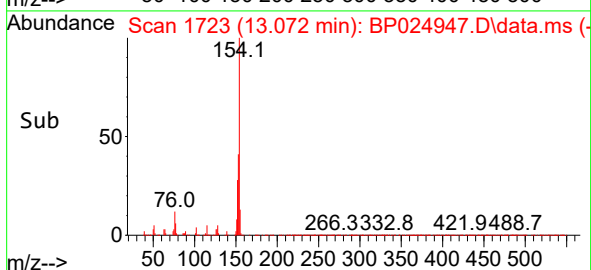
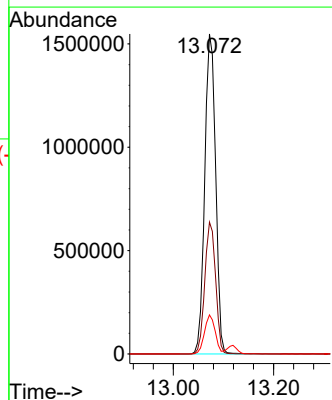
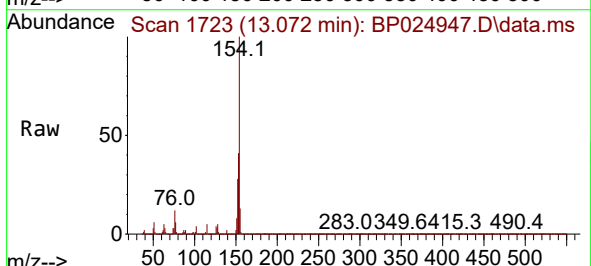
Tgt Ion:154 Resp: 2338362

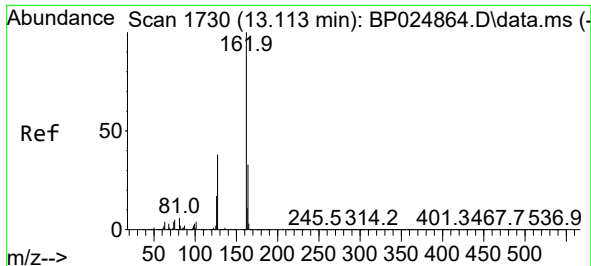
Ion Ratio Lower Upper

154 100

153 41.2 20.3 60.3

76 12.2 0.0 33.0

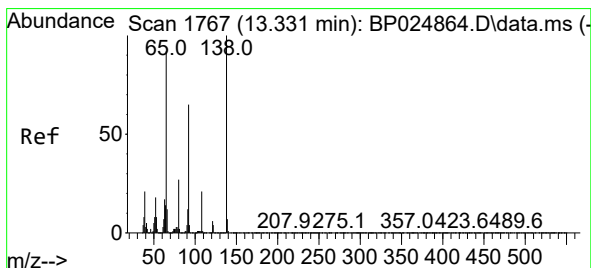
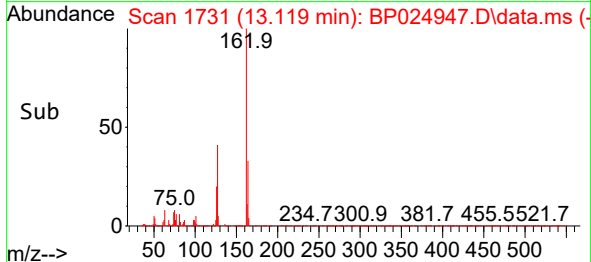
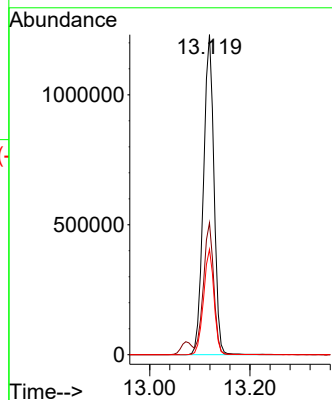
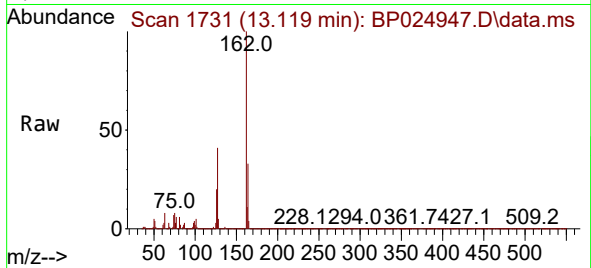




#47
2-Chloronaphthalene
Concen: 54.685 ng
RT: 13.119 min Scan# 1730
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

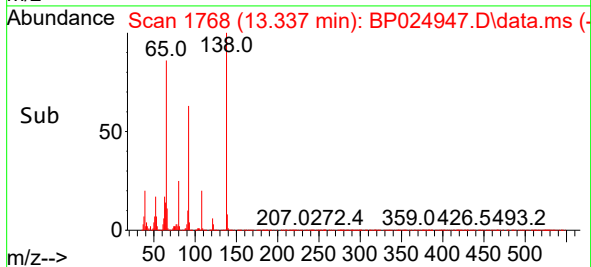
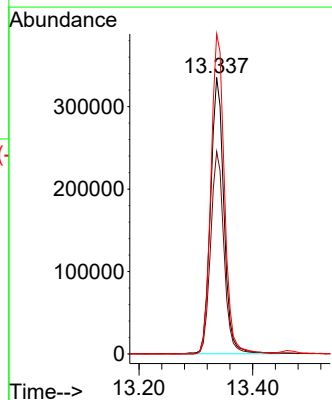
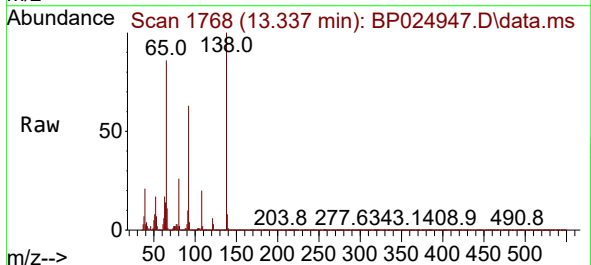
Instrument :
BNA_P
ClientSampleId :
TP-7MS

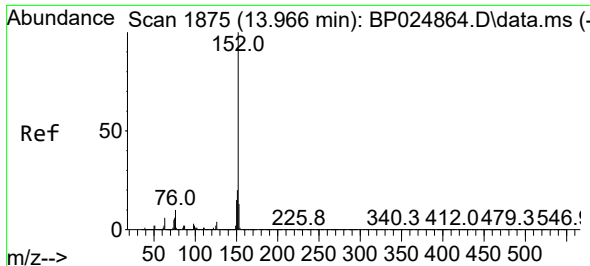
Tgt Ion:162 Resp: 1795282
Ion Ratio Lower Upper
162 100
127 41.2 32.5 48.7
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 54.240 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion: 65 Resp: 547442
Ion Ratio Lower Upper
65 100
92 73.2 56.8 85.2
138 115.7 86.9 130.3

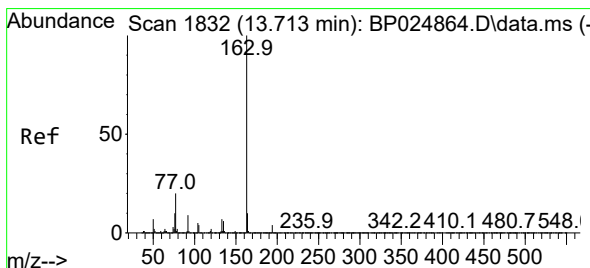
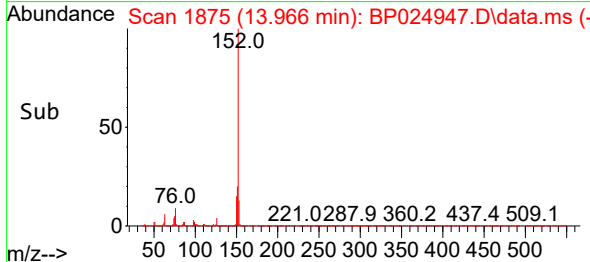
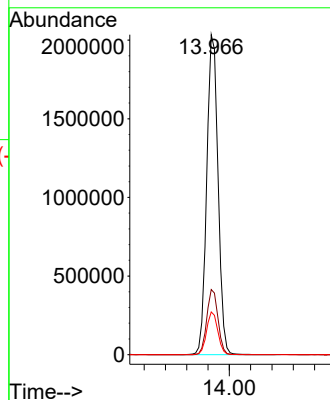
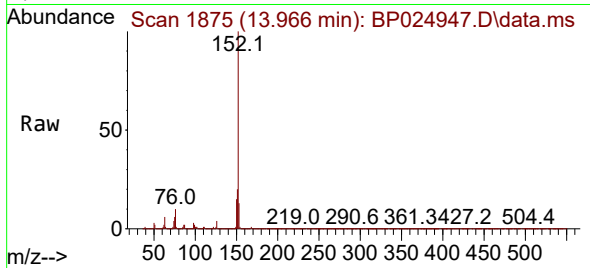




#49
Acenaphthylene
Concen: 54.726 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

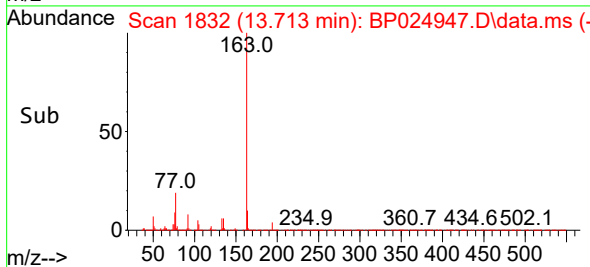
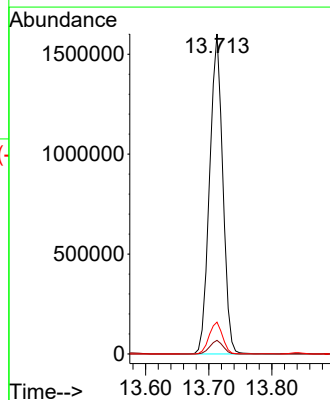
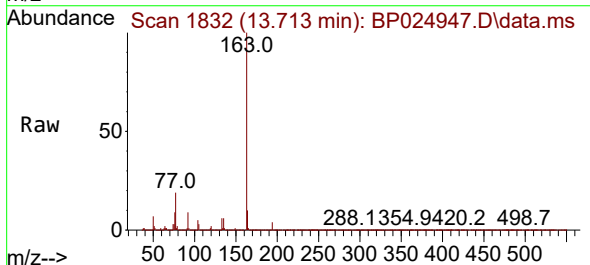
Instrument :
BNA_P
ClientSampleId :
TP-7MS

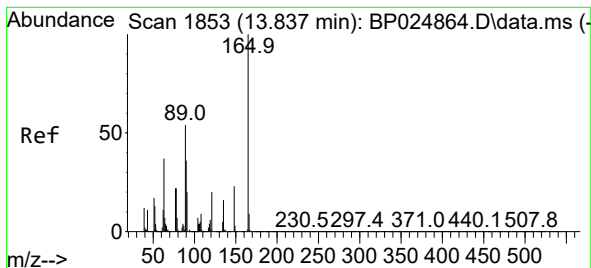
Tgt Ion:152 Resp: 2995620
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 53.565 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:163 Resp: 2322485
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 54.961 ng

RT: 13.842 min Scan# 1854

Delta R.T. 0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

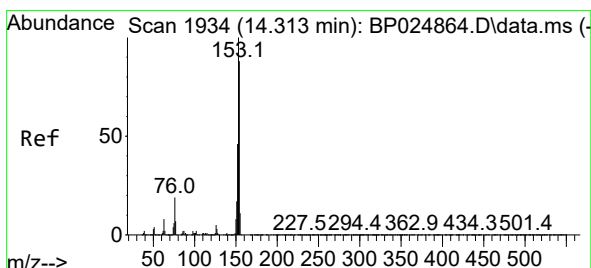
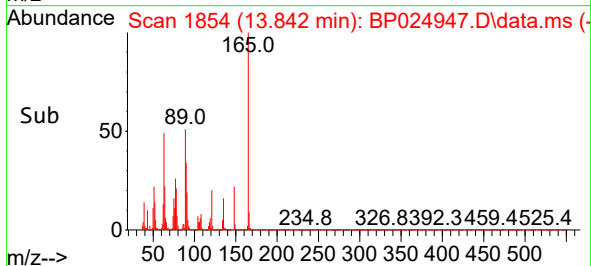
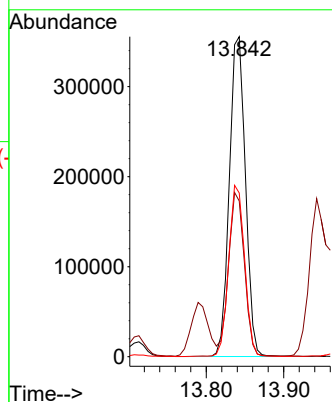
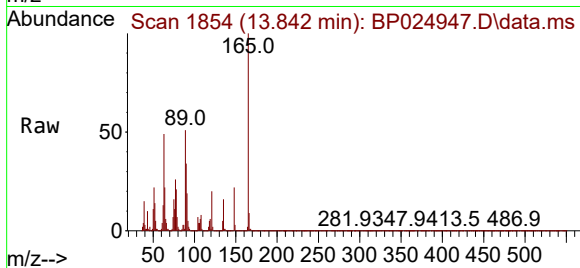
Tgt Ion:165 Resp: 513729

Ion Ratio Lower Upper

165 100

63 48.7 41.8 62.8

89 51.2 43.1 64.7



#52

Acenaphthene

Concen: 54.789 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

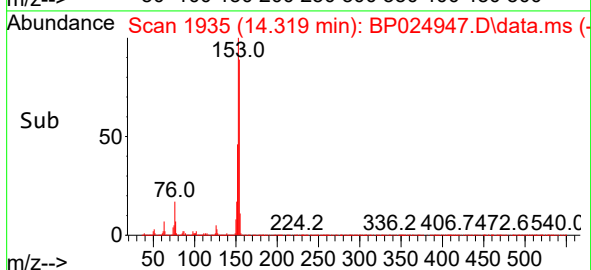
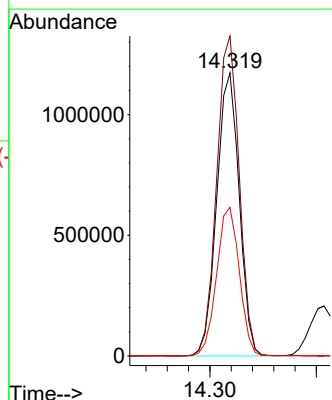
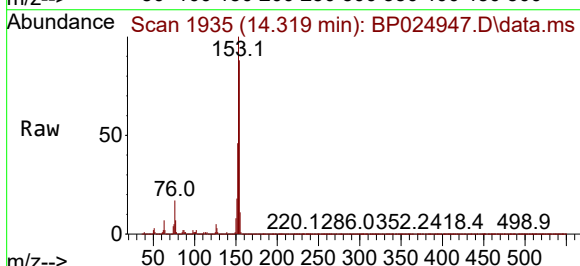
Tgt Ion:154 Resp: 1718575

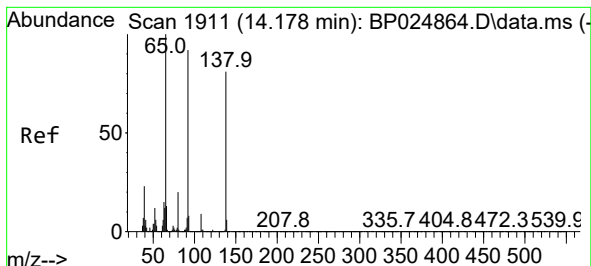
Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

152 52.5 42.1 63.1

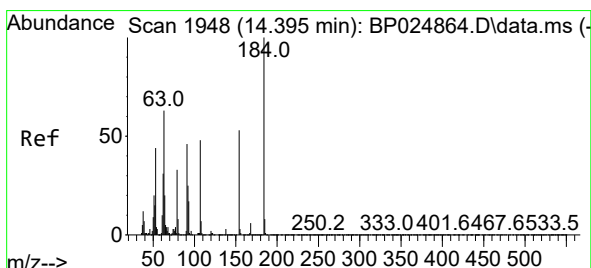
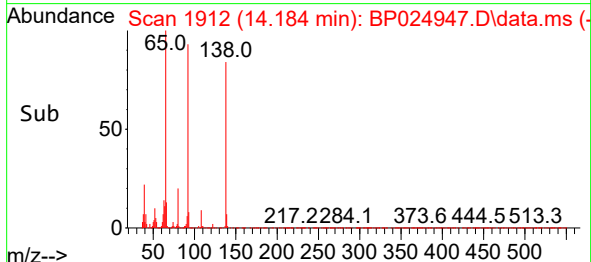
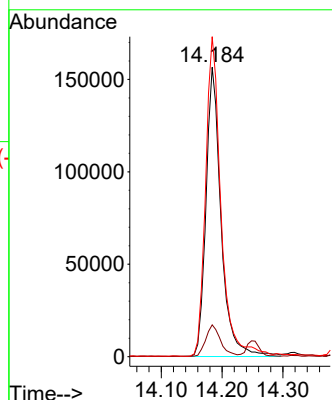
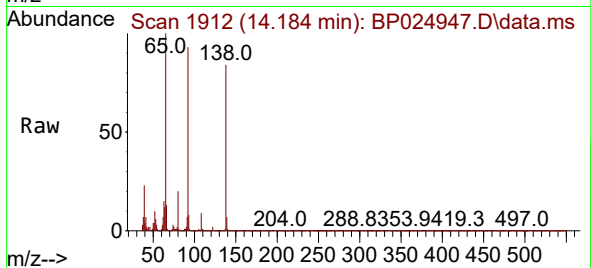




#53
3-Nitroaniline
Concen: 27.716 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

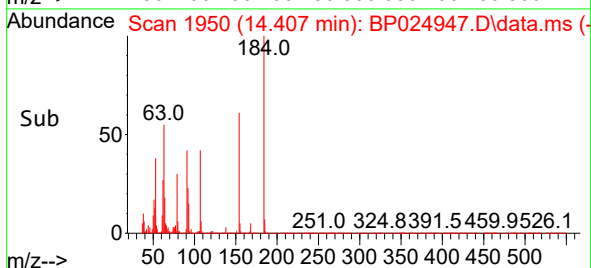
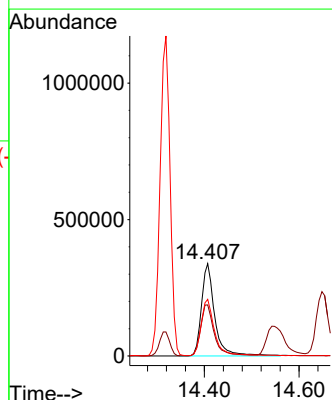
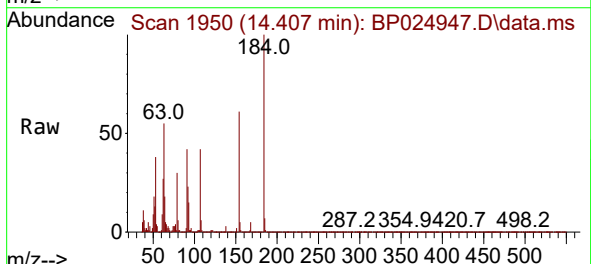
Instrument :
BNA_P
ClientSampleId :
TP-7MS

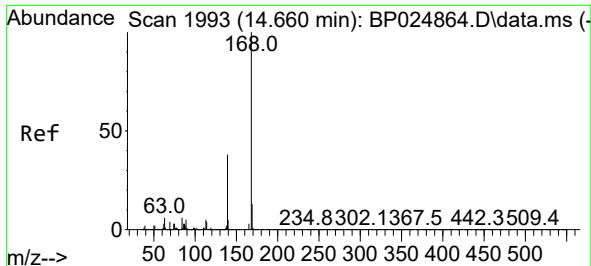
Tgt Ion:138 Resp: 268852
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 110.5 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 105.342 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:184 Resp: 652692
Ion Ratio Lower Upper
184 100
63 55.2 51.0 76.4
154 61.3 51.7 77.5

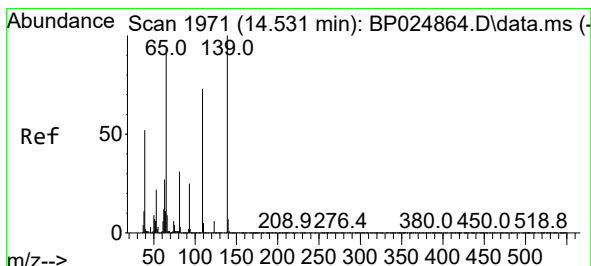
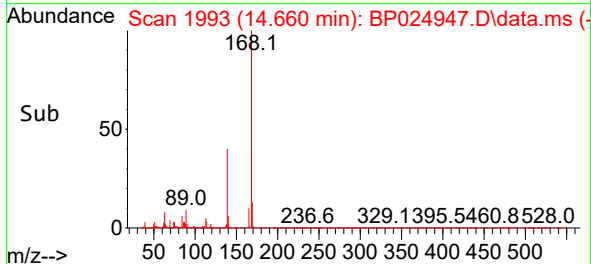
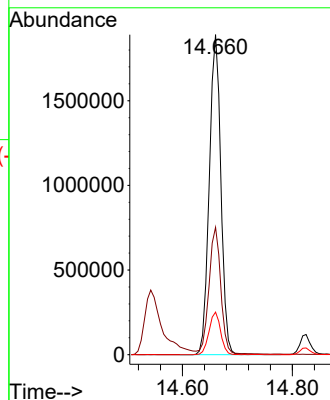
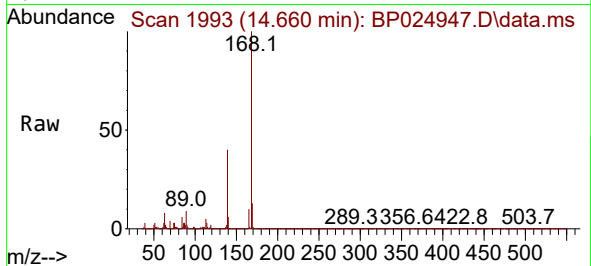




#55
Dibenzofuran
Concen: 54.731 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

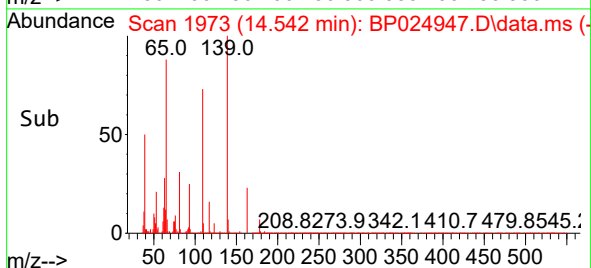
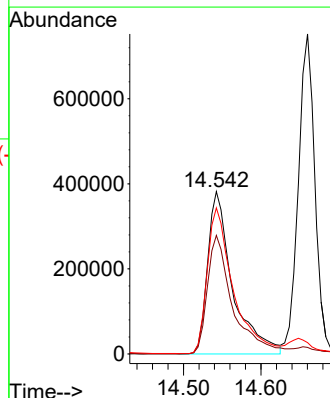
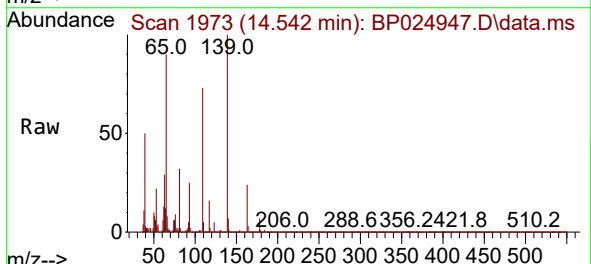
Instrument :
BNA_P
ClientSampleId :
TP-7MS

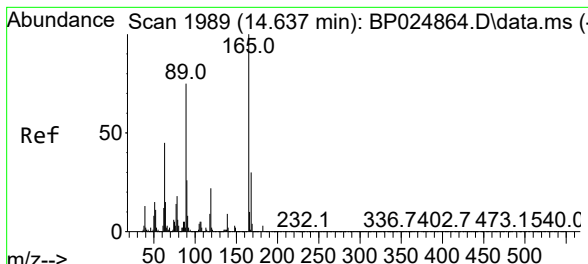
Tgt Ion:168 Resp: 2755708
Ion Ratio Lower Upper
168 100
139 39.8 31.6 47.4
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 102.466 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.011 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:139 Resp: 854827
Ion Ratio Lower Upper
139 100
109 73.0 53.1 93.1
65 89.9 73.0 113.0

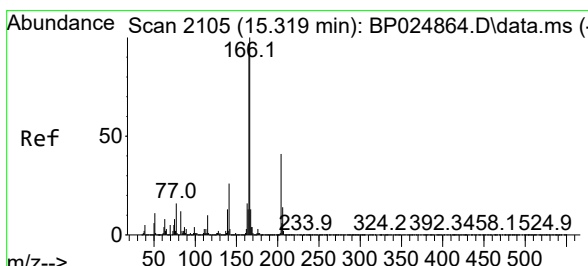
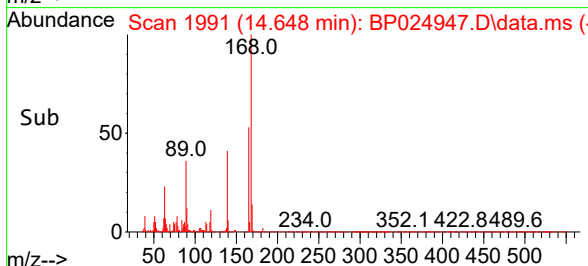
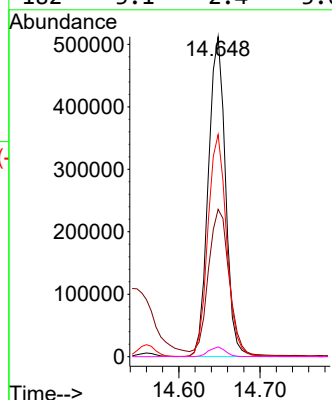
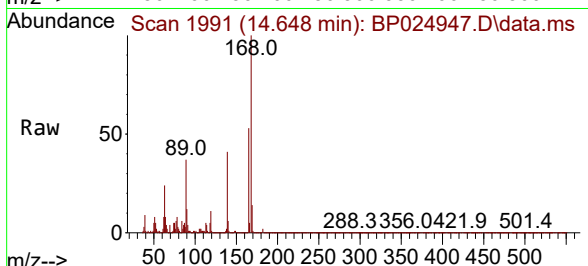




#57
2,4-Dinitrotoluene
Concen: 57.562 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

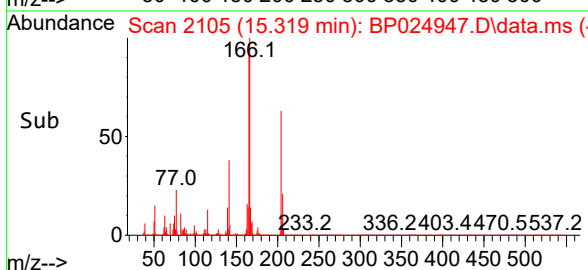
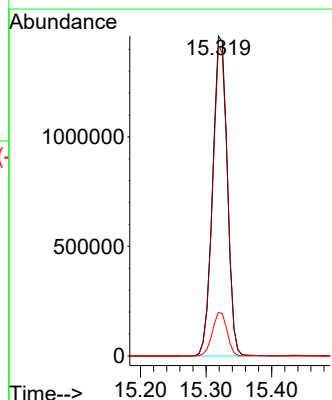
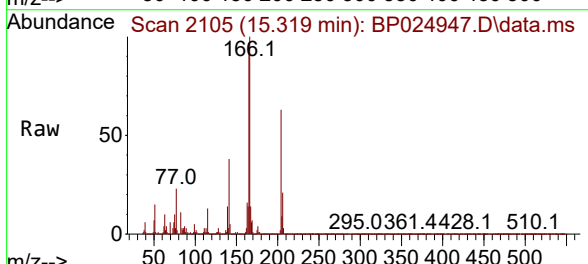
Instrument :
BNA_P
ClientSampleId :
TP-7MS

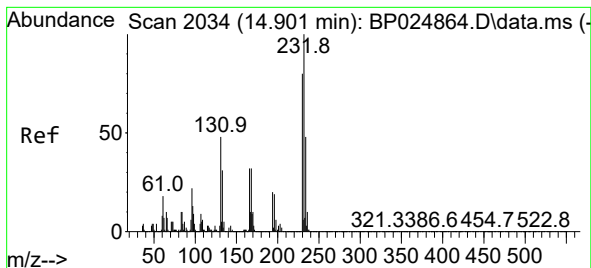
Tgt Ion:	165	Resp:	752635
Ion Ratio	Lower	Upper	
165	100		
63	46.0	37.0	55.6
89	69.4	60.1	90.1
182	3.1	2.4	3.6



#58
Fluorene
Concen: 55.783 ng
RT: 15.319 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:	166	Resp:	2268894
Ion Ratio	Lower	Upper	
166	100		
165	97.1	77.7	116.5
167	13.6	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.868 ng

RT: 14.907 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

Tgt Ion:232 Resp: 652338

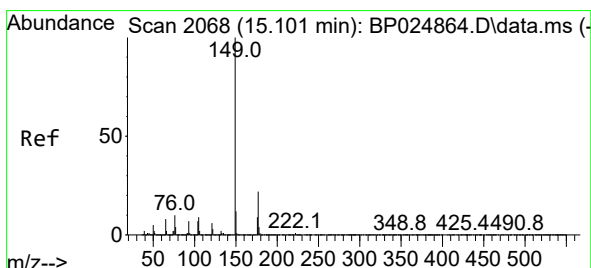
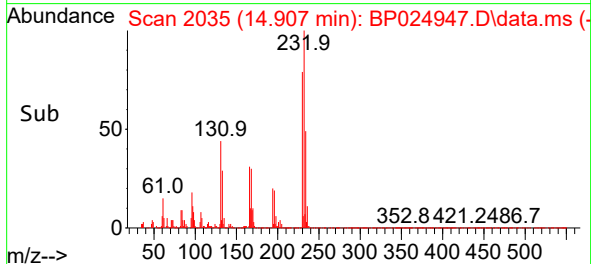
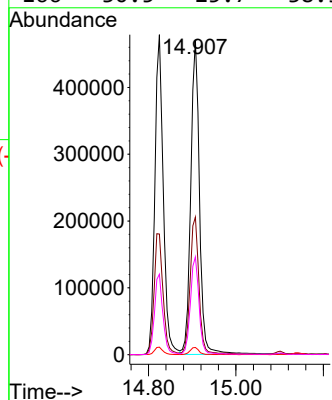
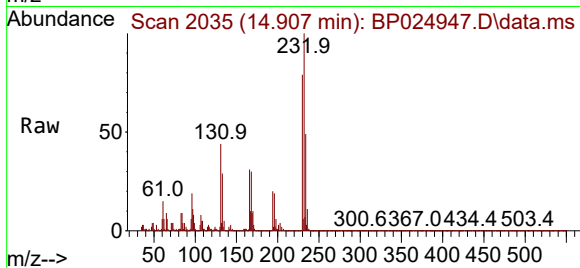
Ion Ratio Lower Upper

232 100

131 42.9 38.2 57.2

130 2.3 2.1 3.1

166 30.5 25.7 38.5



#60

Diethylphthalate

Concen: 54.604 ng

RT: 15.101 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

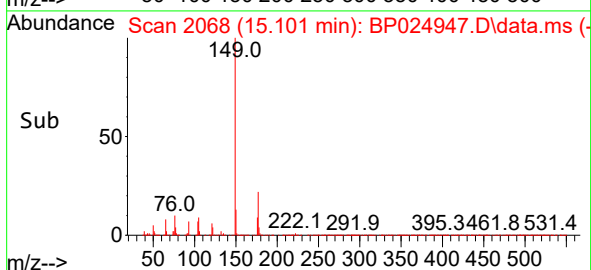
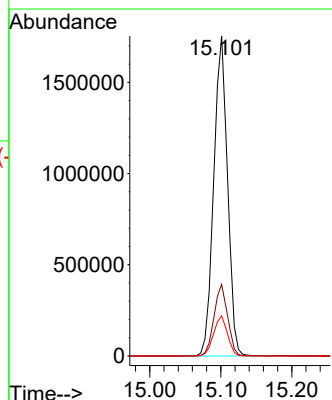
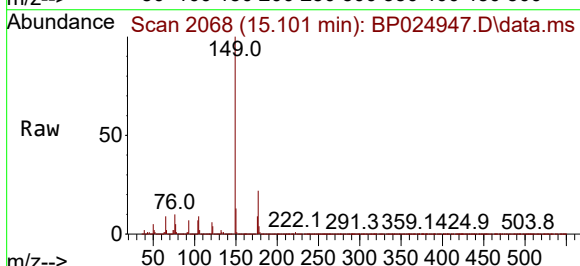
Tgt Ion:149 Resp: 2359504

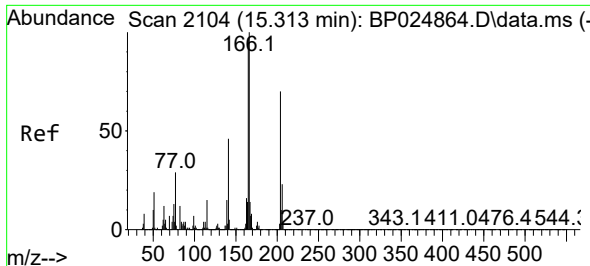
Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 12.6 9.8 14.6

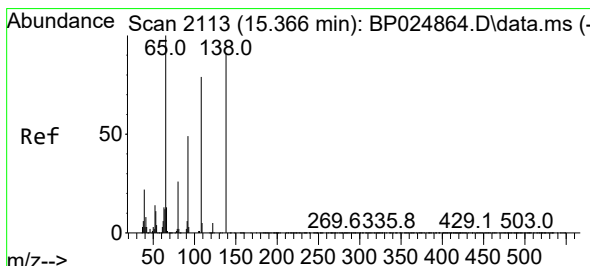
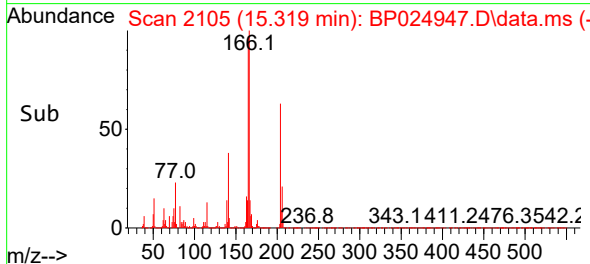
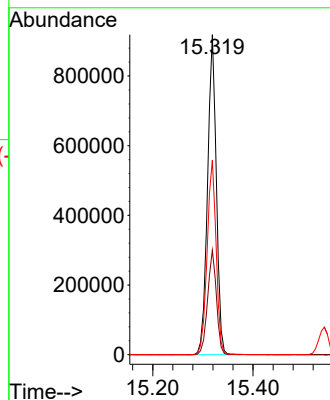
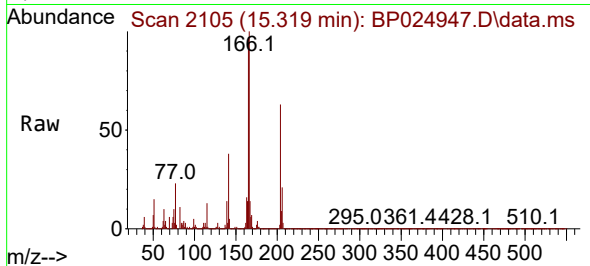




#61
4-Chlorophenyl-phenylether
Concen: 56.340 ng
RT: 15.319 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

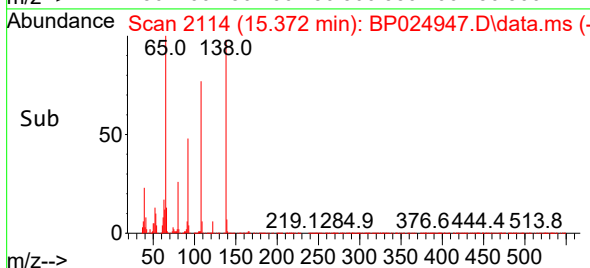
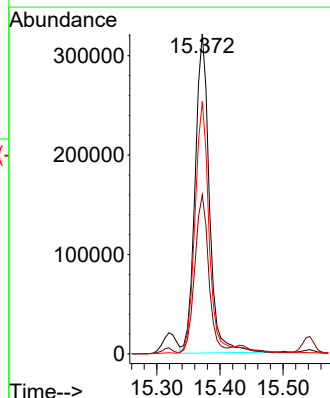
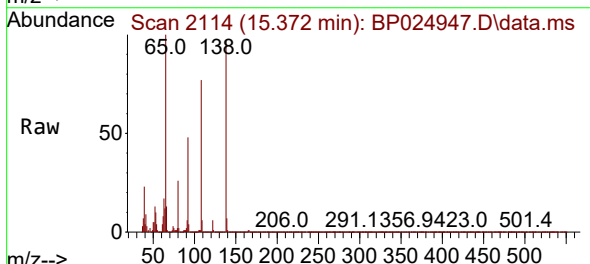
Instrument :
BNA_P
ClientSampleId :
TP-7MS

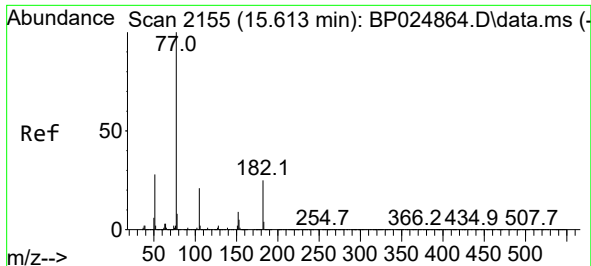
Tgt Ion:204 Resp: 1120451
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 60.8 52.4 78.6



#62
4-Nitroaniline
Concen: 57.359 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:138 Resp: 504486
Ion Ratio Lower Upper
138 100
92 49.7 33.5 73.5
108 78.9 65.1 105.1



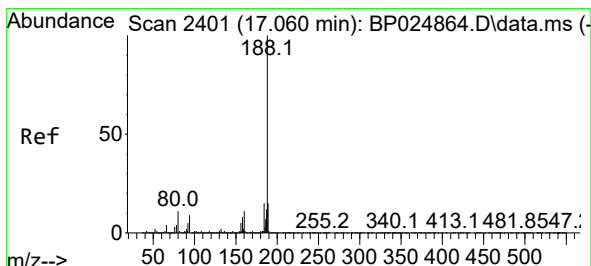
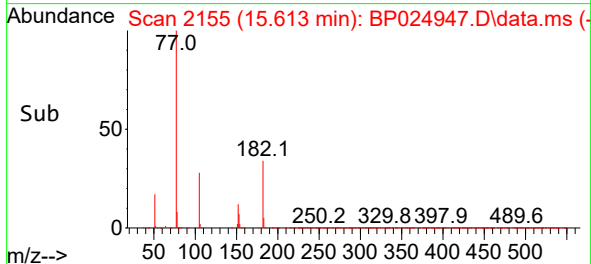
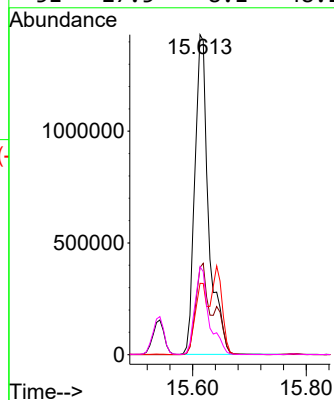
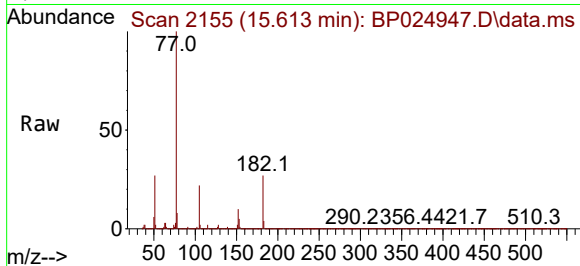


#63
Azobenzene
Concen: 61.268 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Instrument :
BNA_P
ClientSampleId :
TP-7MS

Tgt Ion: 77 Resp: 2428101

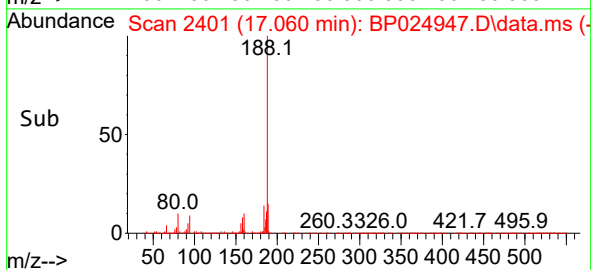
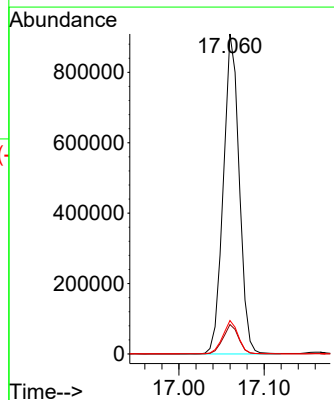
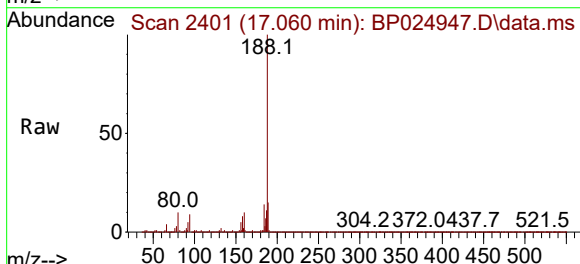
Ion	Ratio	Lower	Upper
77	100		
182	27.3	5.4	45.4
105	22.3	0.8	40.8
51	27.5	8.1	48.1

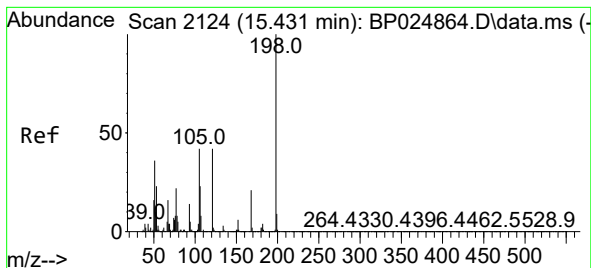


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion: 188 Resp: 1177292

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	10.5	8.5	12.7

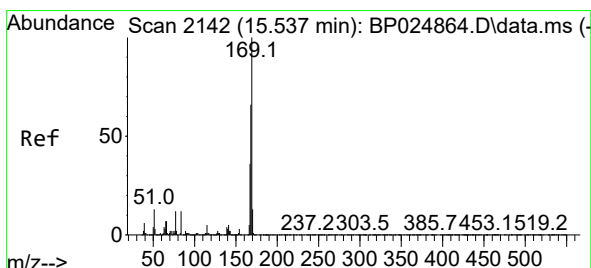
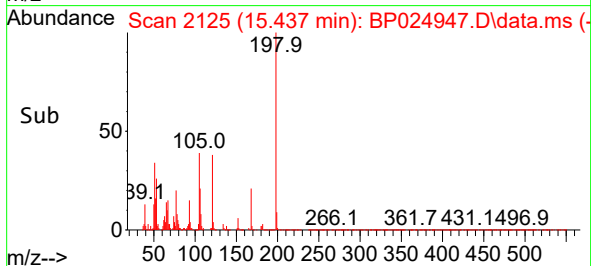
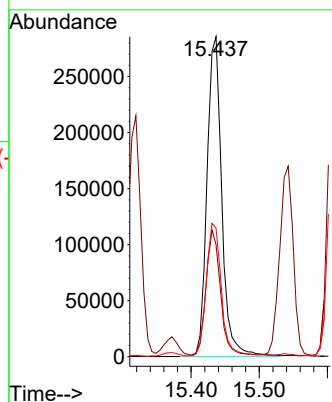
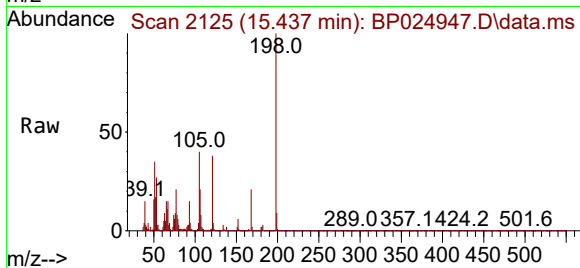




#65
4,6-Dinitro-2-methylphenol
Concen: 55.630 ng
RT: 15.437 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

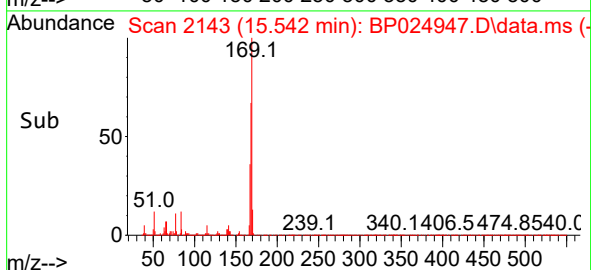
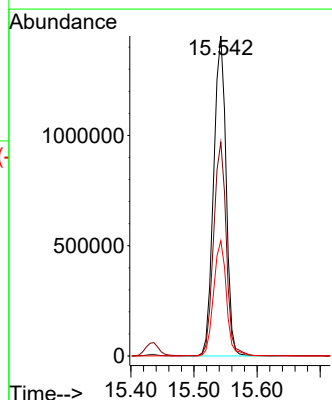
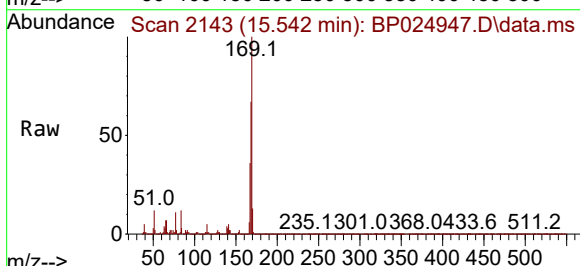
Instrument :
BNA_P
ClientSampleId :
TP-7MS

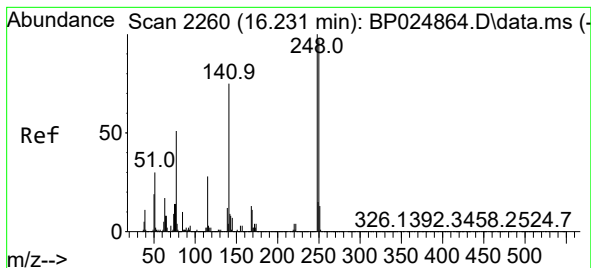
Tgt Ion:198 Resp: 430343
Ion Ratio Lower Upper
198 100
51 35.0 19.2 59.2
105 40.1 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 54.276 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:169 Resp: 1980545
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.0 28.6 43.0

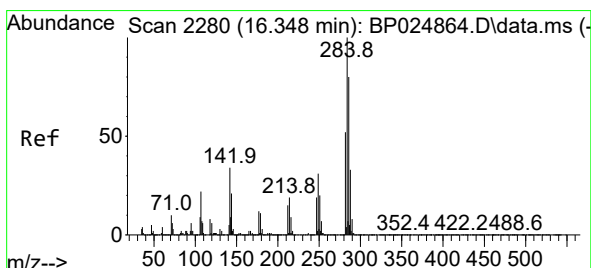
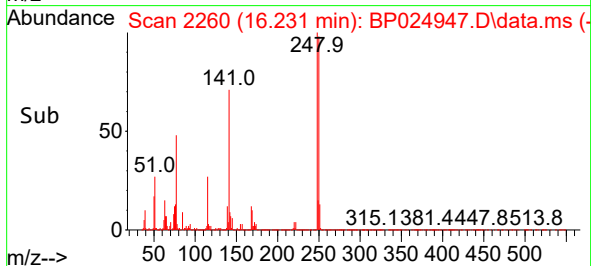
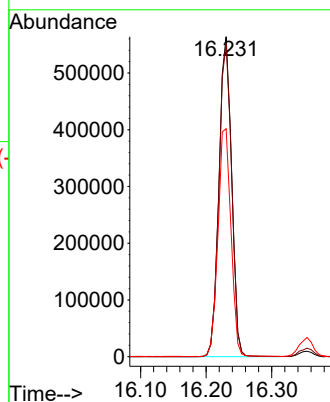
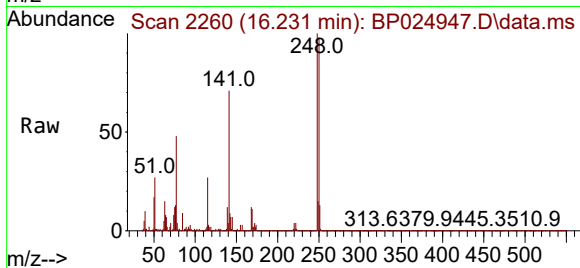




#67
4-Bromophenyl-phenylether
Concen: 56.537 ng
RT: 16.231 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

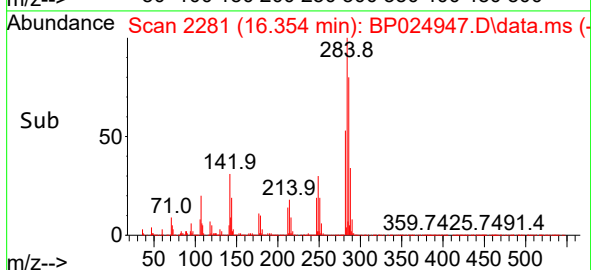
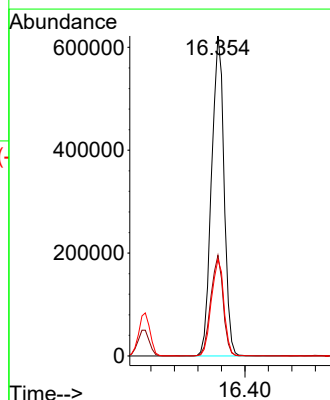
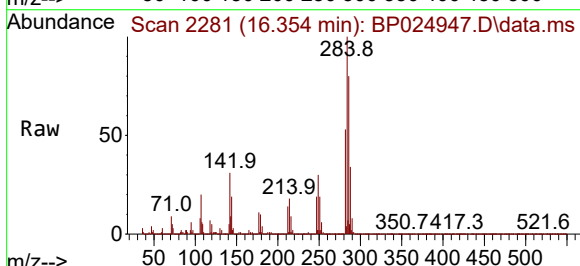
Instrument :
BNA_P
ClientSampleId :
TP-7MS

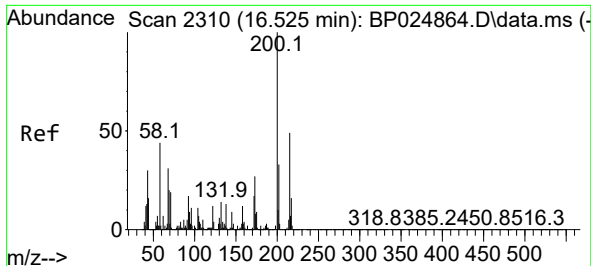
Tgt Ion:248 Resp: 751015
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.2
141 71.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 56.997 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:284 Resp: 917860
Ion Ratio Lower Upper
284 100
142 31.4 27.0 40.6
249 30.2 25.0 37.6

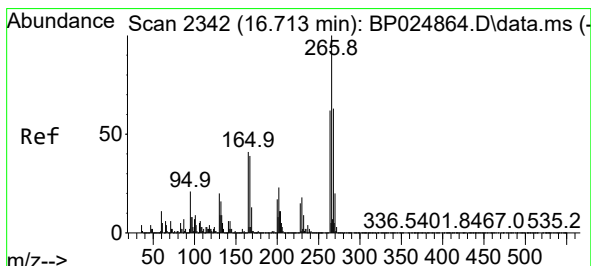
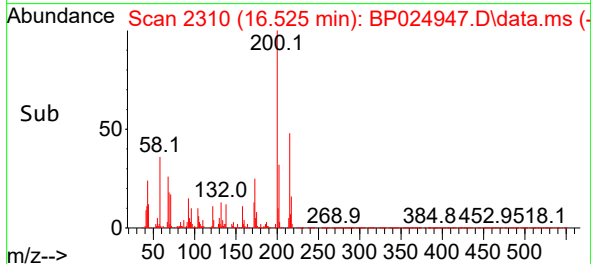
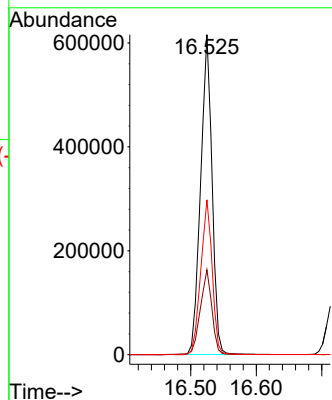
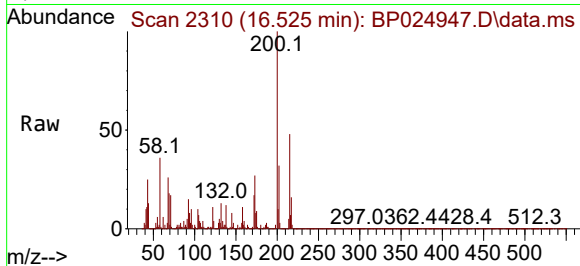




#69
 Atrazine
 Concen: 56.559 ng
 RT: 16.525 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024947.D
 Acq: 13 Jun 2025 16:54

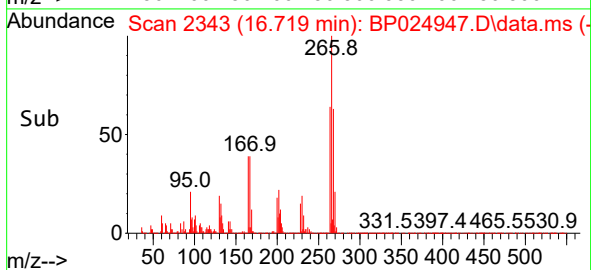
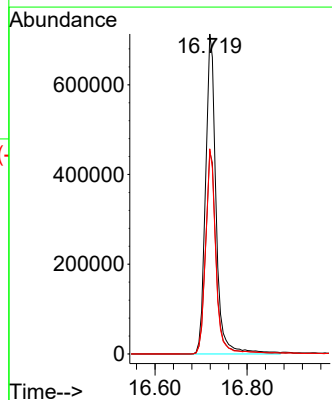
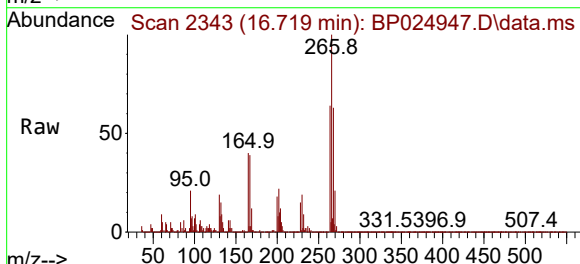
Instrument :
 BNA_P
 ClientSampleId :
 TP-7MS

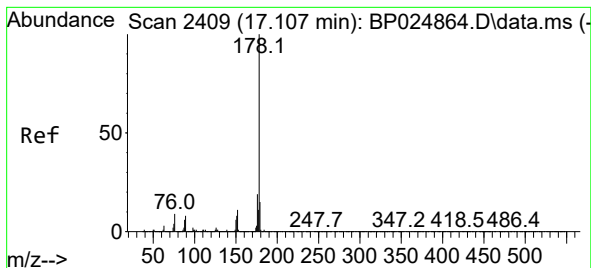
Tgt Ion:200 Resp: 748186
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.9 46.9
 215 48.4 28.7 68.7



#70
 Pentachlorophenol
 Concen: 136.272 ng
 RT: 16.719 min Scan# 2343
 Delta R.T. 0.006 min
 Lab File: BP024947.D
 Acq: 13 Jun 2025 16:54

Tgt Ion:266 Resp: 1135753
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.6 76.0
 264 64.1 49.7 74.5





#71

Phenanthrene

Concen: 53.984 ng

RT: 17.107 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

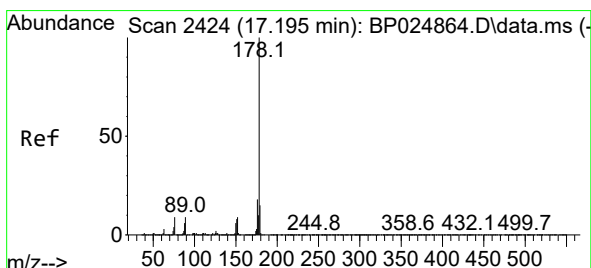
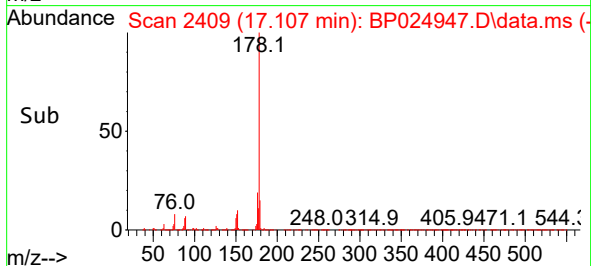
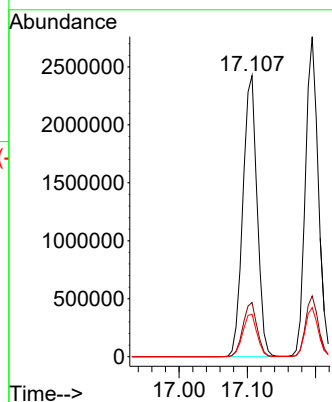
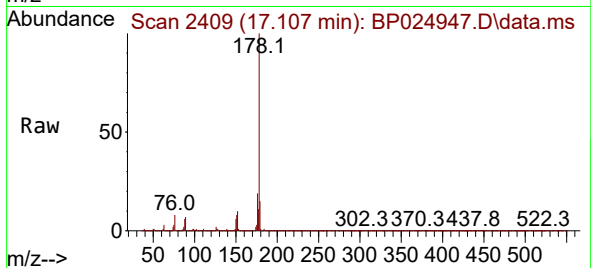
Tgt Ion:178 Resp: 3512121

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.1 12.1 18.1



#72

Anthracene

Concen: 55.340 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

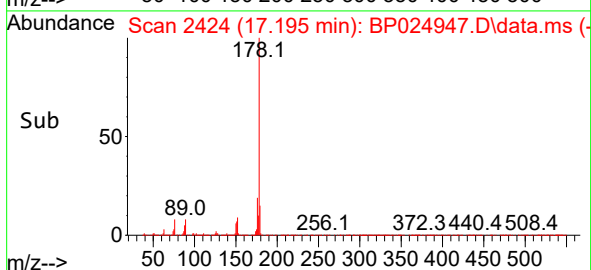
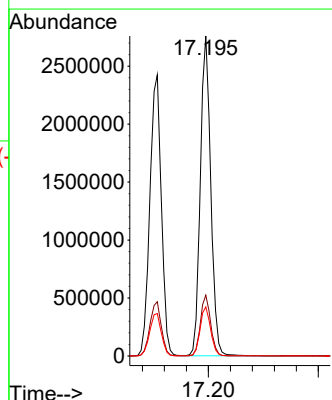
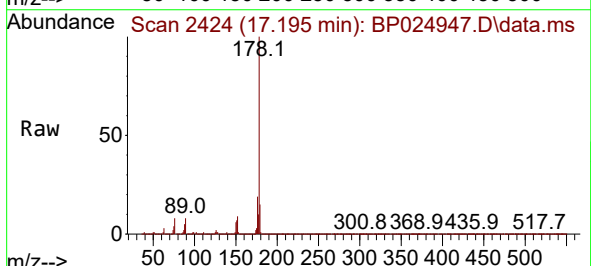
Tgt Ion:178 Resp: 3646307

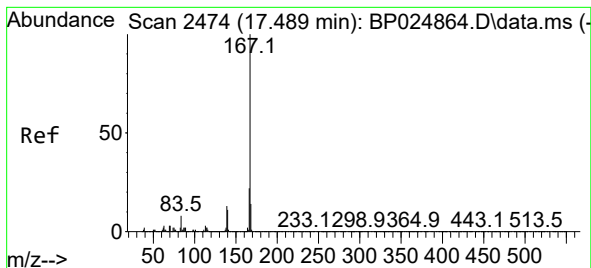
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 15.4 12.3 18.5





#73

Carbazole

Concen: 55.389 ng

RT: 17.489 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

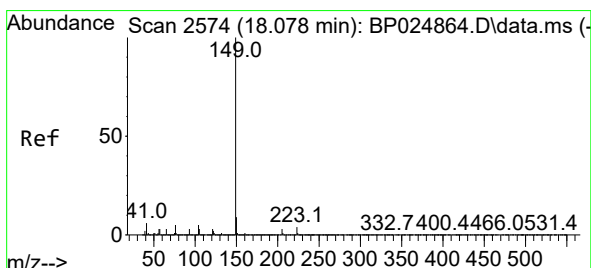
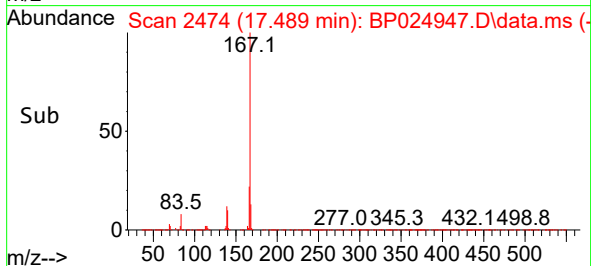
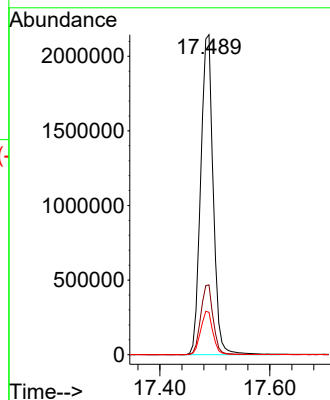
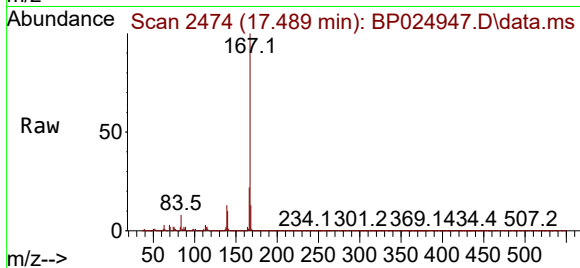
Tgt Ion:167 Resp: 3382767

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 56.434 ng

RT: 18.072 min Scan# 2573

Delta R.T. -0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

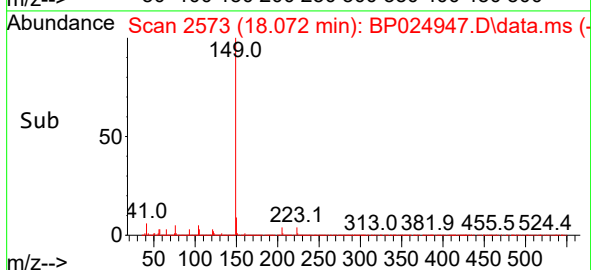
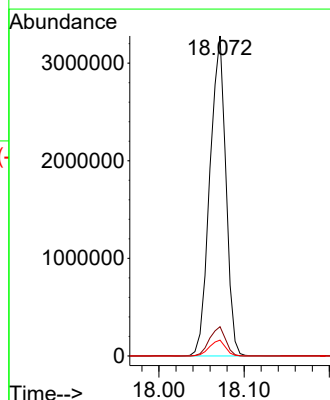
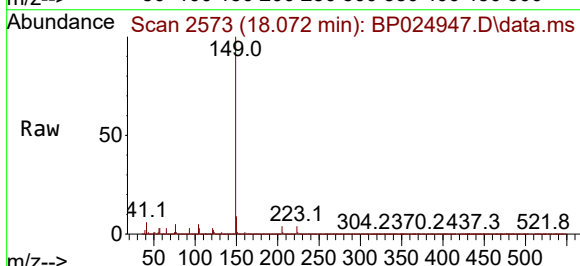
Tgt Ion:149 Resp: 4270275

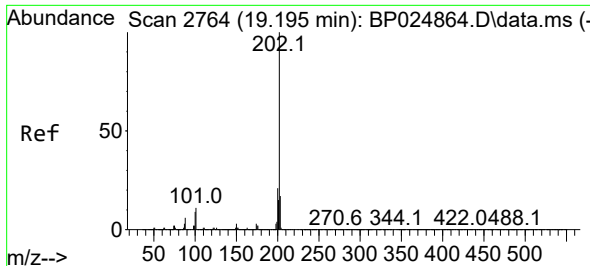
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 4.2 6.2

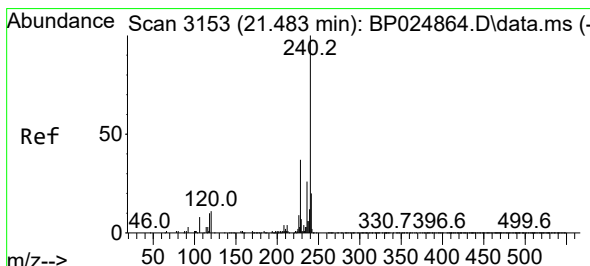
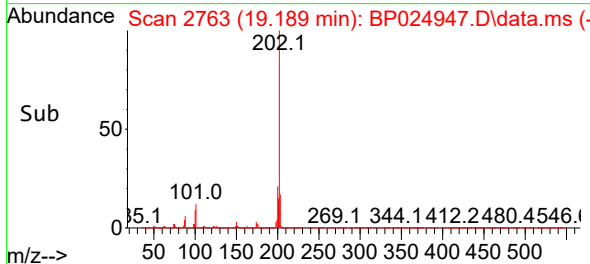
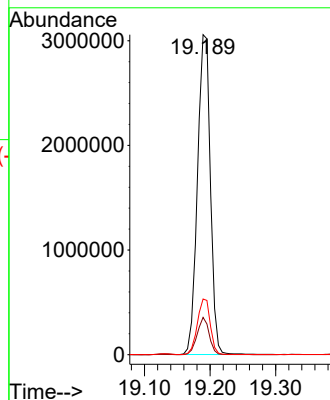
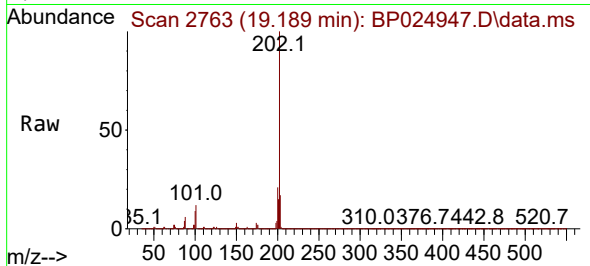




#75
Fluoranthene
Concen: 55.644 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

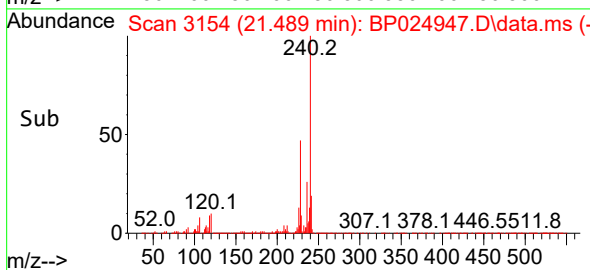
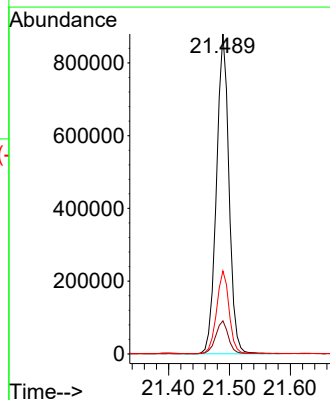
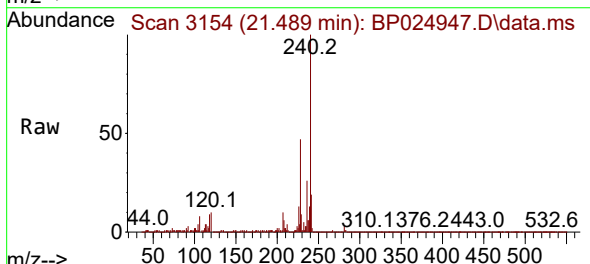
Instrument :
BNA_P
ClientSampleId :
TP-7MS

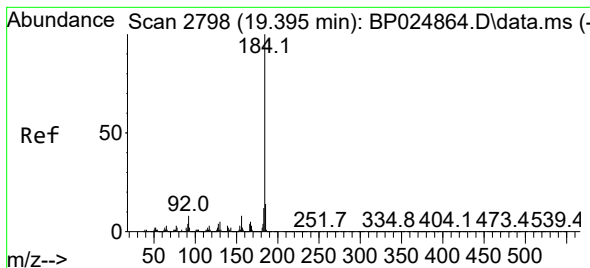
Tgt Ion:202 Resp: 4195856
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024947.D
Acq: 13 Jun 2025 16:54

Tgt Ion:240 Resp: 1252112
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.9 20.9 31.3





#77

Benzidine

Concen: 60.760 ng

RT: 19.395 min Scan# 2798

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

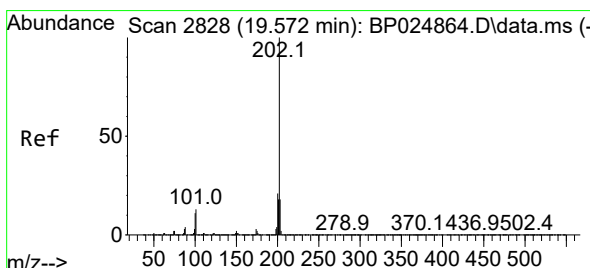
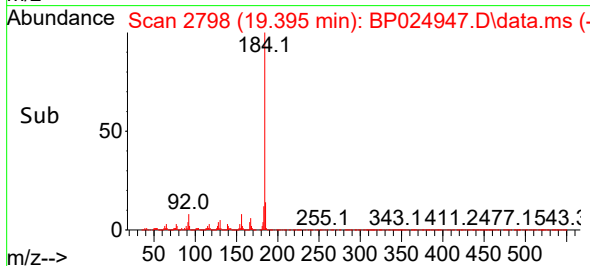
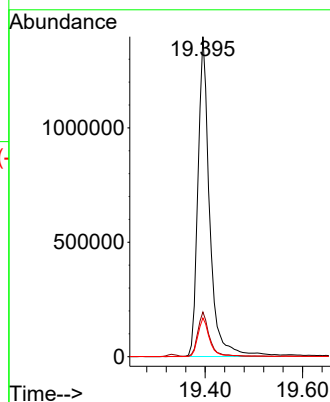
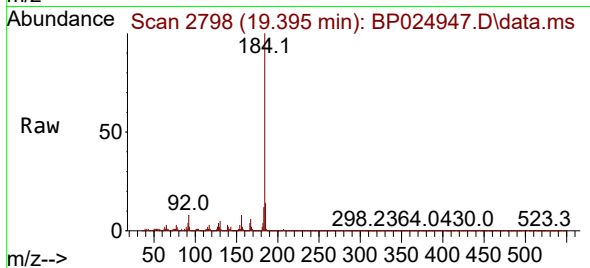
Tgt Ion:184 Resp: 2356265

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 12.1 9.5 14.3



#78

Pyrene

Concen: 54.692 ng

RT: 19.572 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

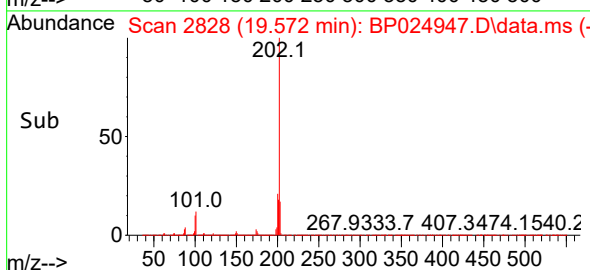
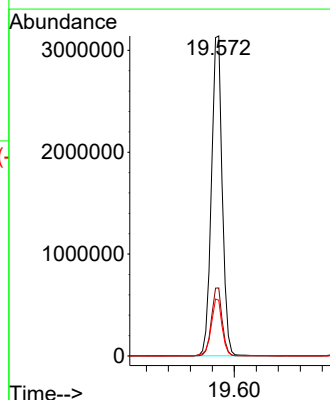
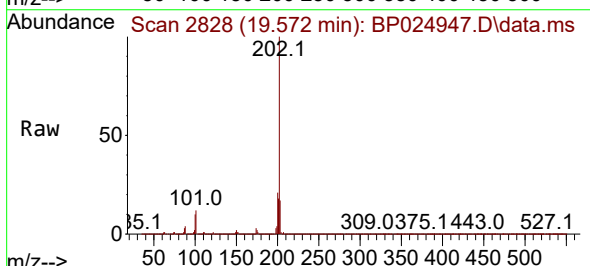
Tgt Ion:202 Resp: 4278319

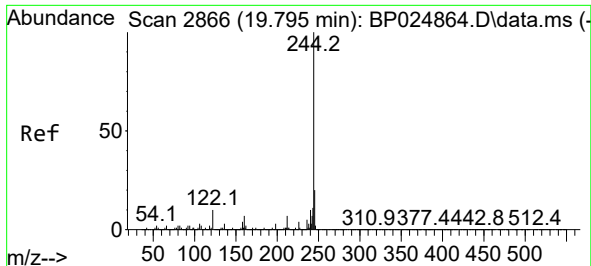
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.4 14.0 21.0

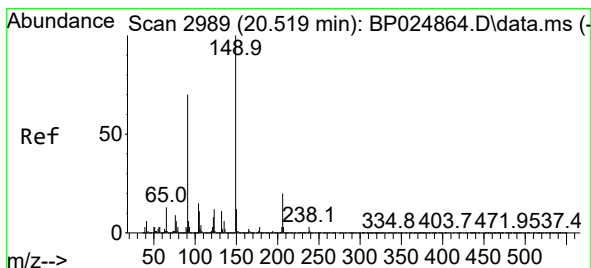
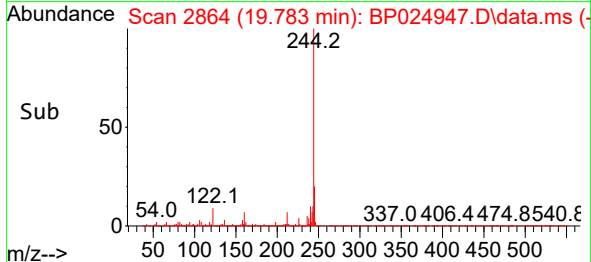
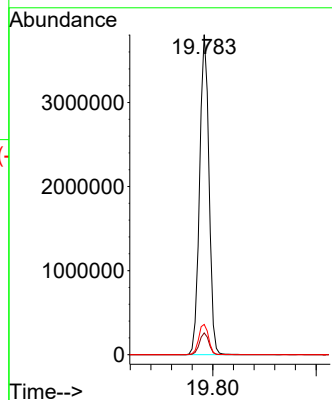
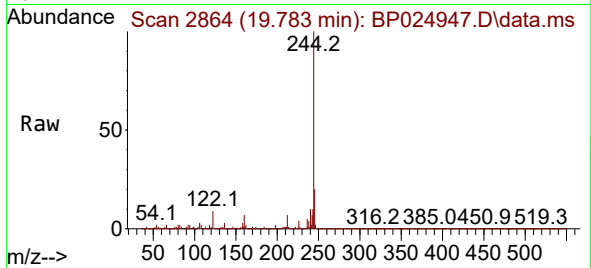




#79
 Terphenyl-d14
 Concen: 68.494 ng
 RT: 19.783 min Scan# 2864
 Delta R.T. -0.012 min
 Lab File: BP024947.D
 Acq: 13 Jun 2025 16:54

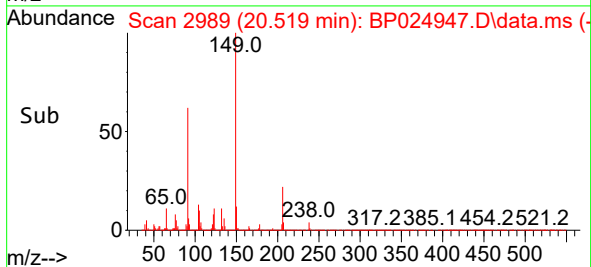
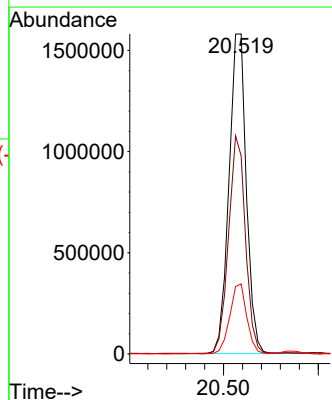
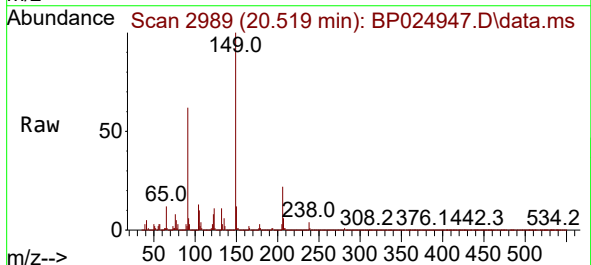
Instrument :
 BNA_P
 ClientSampleId :
 TP-7MS

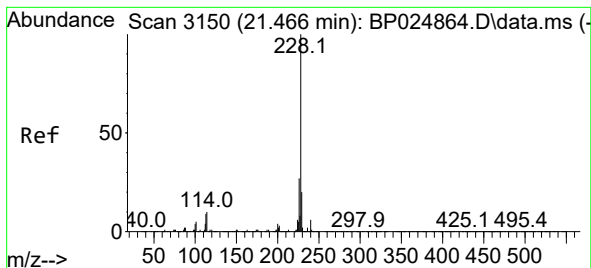
Tgt Ion:244 Resp: 4785194
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.4 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 56.160 ng
 RT: 20.519 min Scan# 2989
 Delta R.T. -0.000 min
 Lab File: BP024947.D
 Acq: 13 Jun 2025 16:54

Tgt Ion:149 Resp: 2012293
 Ion Ratio Lower Upper
 149 100
 91 61.9 55.8 83.8
 206 21.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 53.159 ng

RT: 21.466 min Scan# 3150

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

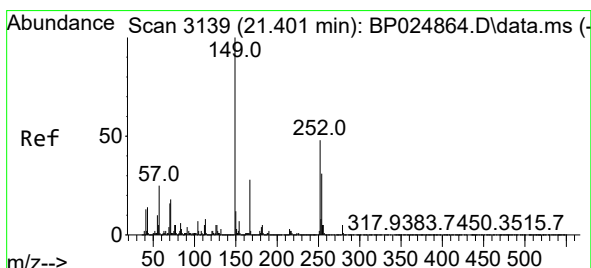
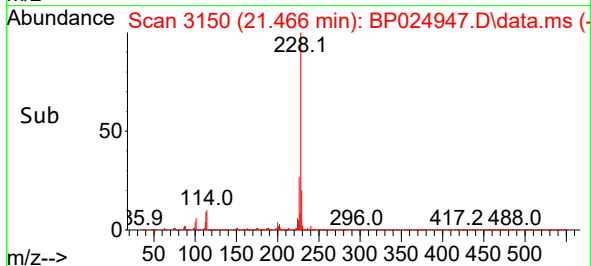
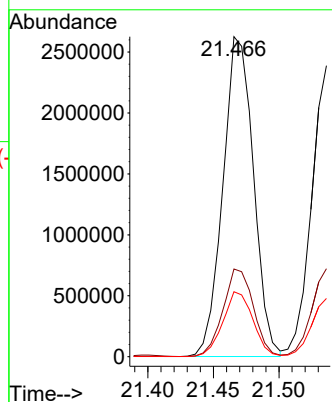
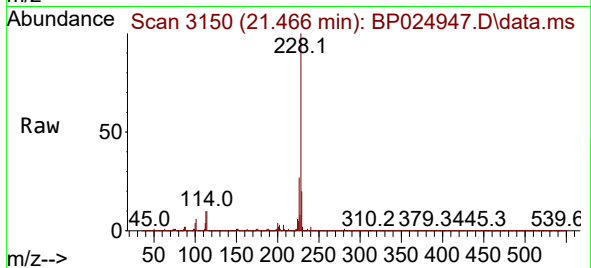
Tgt Ion:228 Resp: 4257137

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.3 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 35.746 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

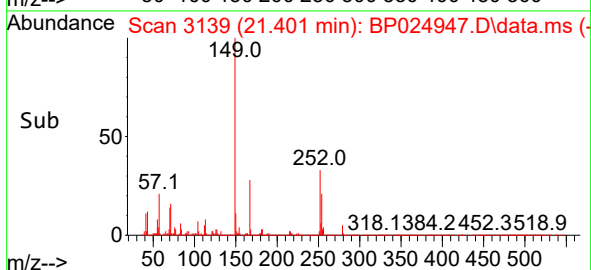
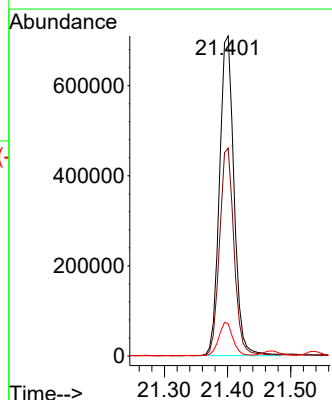
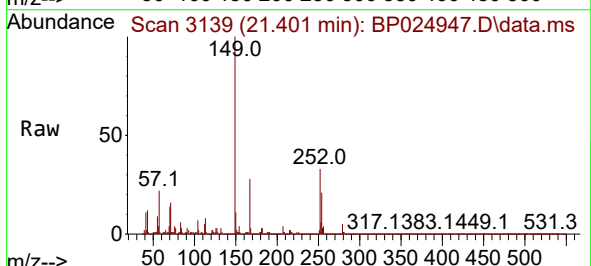
Tgt Ion:252 Resp: 1136486

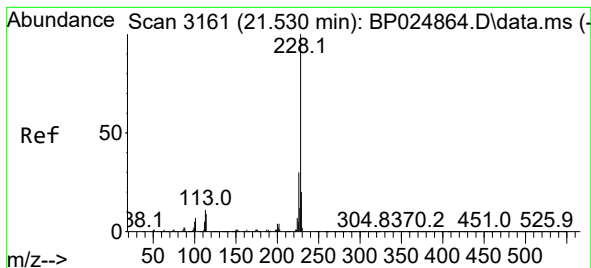
Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

126 10.0 8.6 12.8





#83

Chrysene

Concen: 53.252 ng

RT: 21.536 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

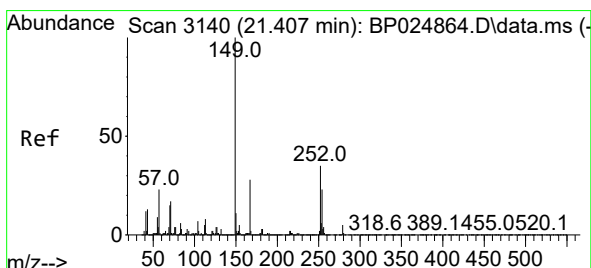
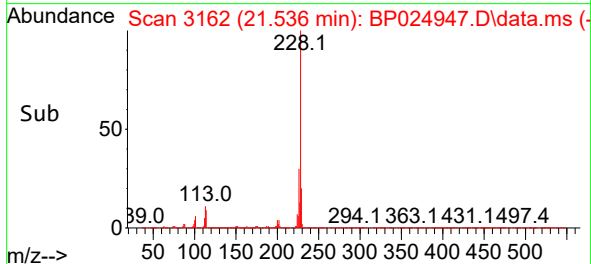
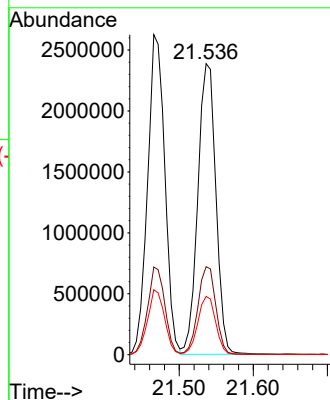
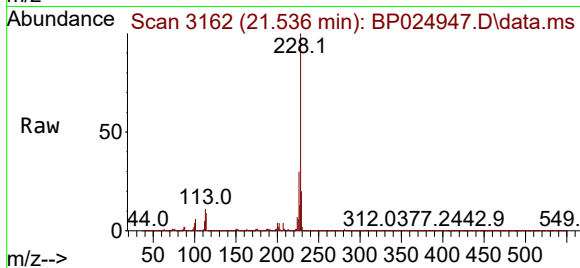
Tgt Ion:228 Resp: 4040785

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.229 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

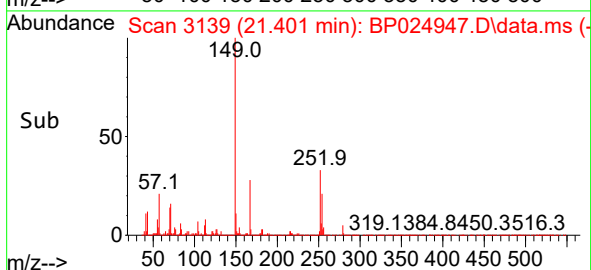
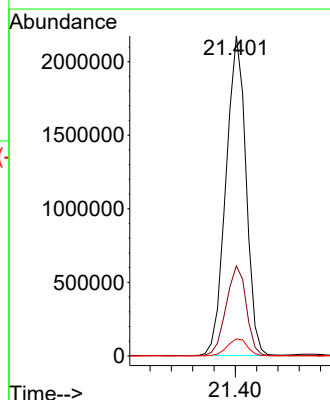
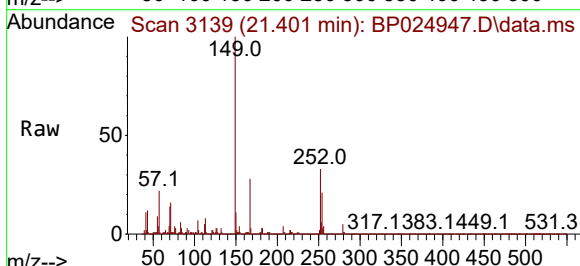
Tgt Ion:149 Resp: 2835279

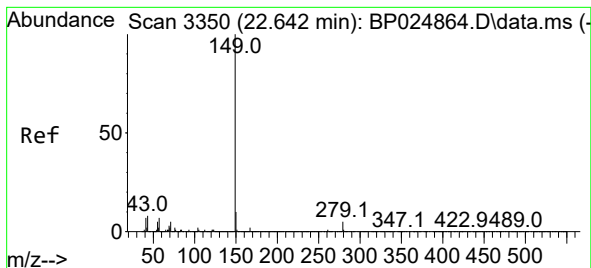
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 54.452 ng

RT: 22.636 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

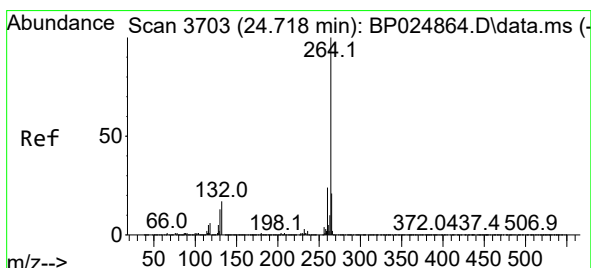
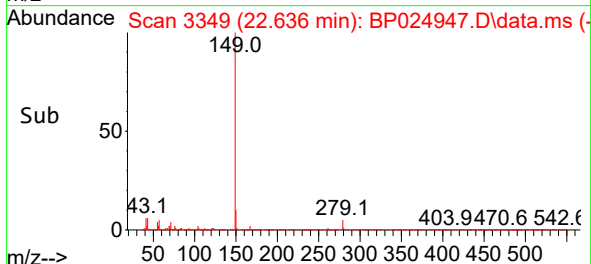
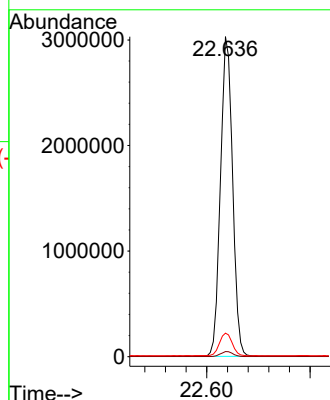
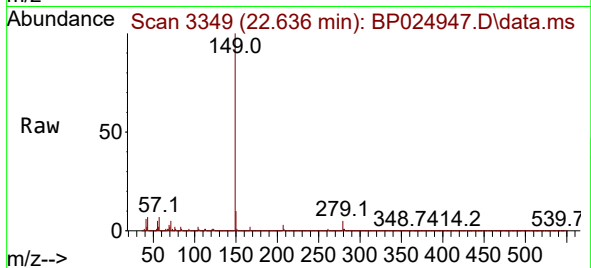
Tgt Ion:149 Resp: 4927189

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

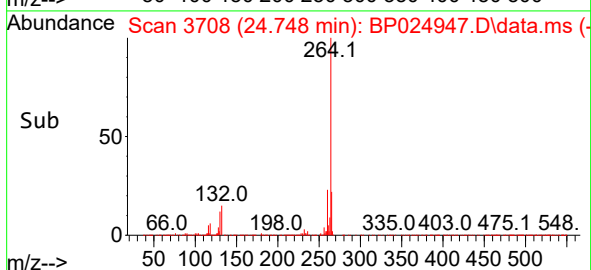
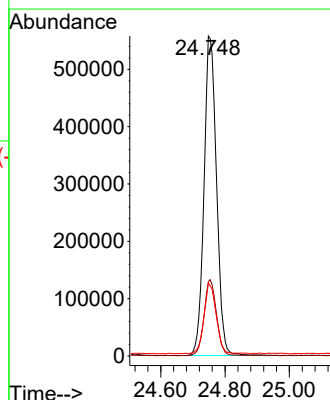
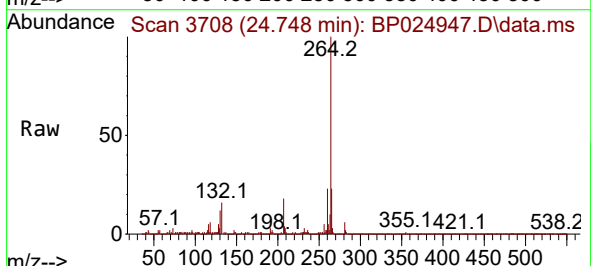
Tgt Ion:264 Resp: 1506101

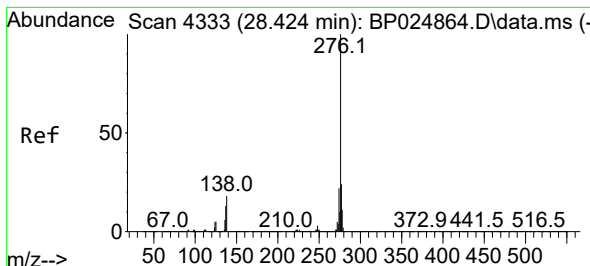
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 22.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.985 ng

RT: 28.483 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

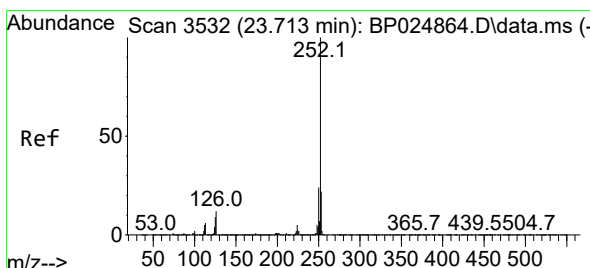
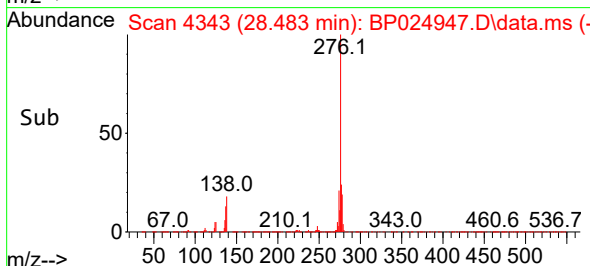
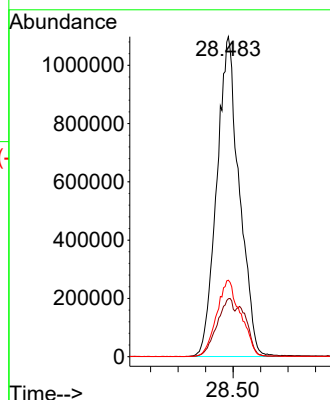
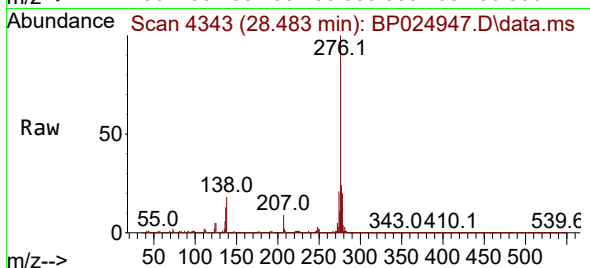
Tgt Ion:276 Resp: 6262019

Ion Ratio Lower Upper

276 100

138 13.7 18.6 27.8#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 54.771 ng

RT: 23.718 min Scan# 3533

Delta R.T. 0.006 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

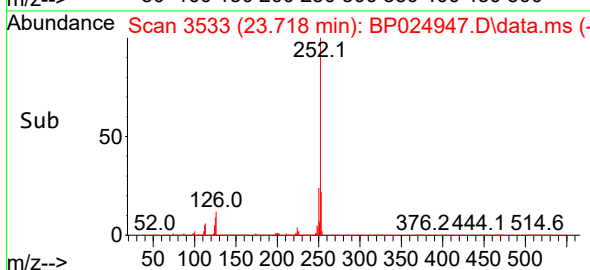
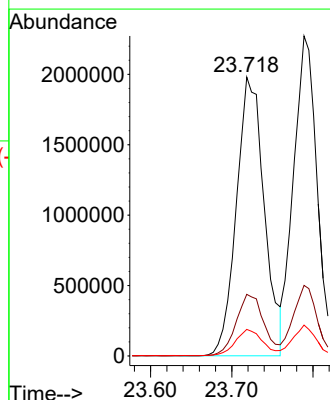
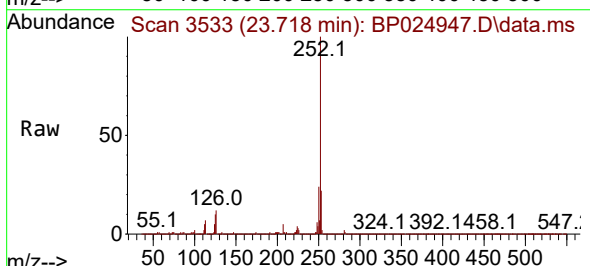
Tgt Ion:252 Resp: 4720941

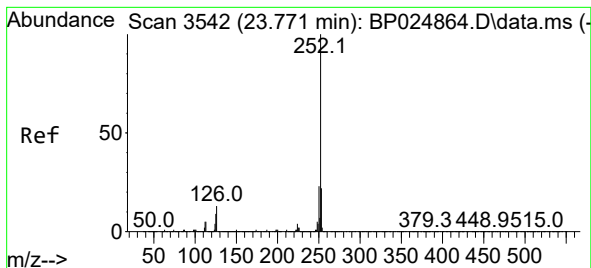
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.279 ng

RT: 23.789 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

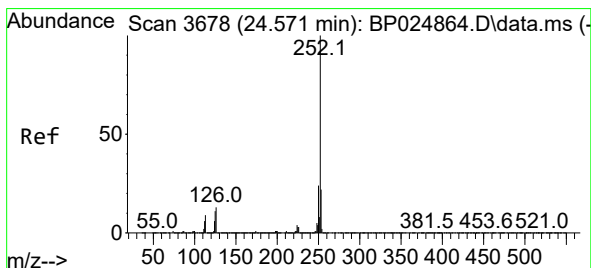
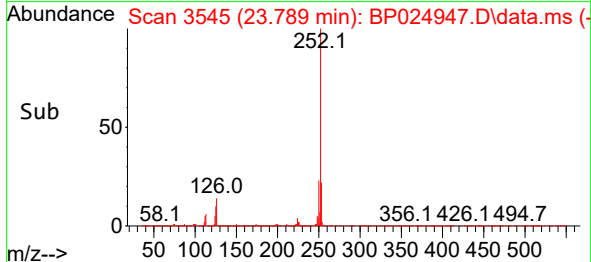
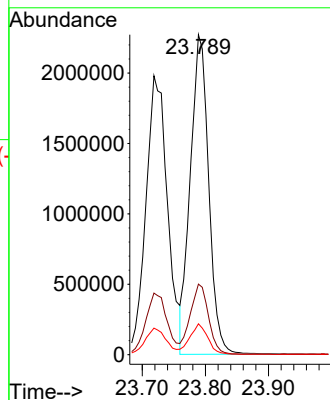
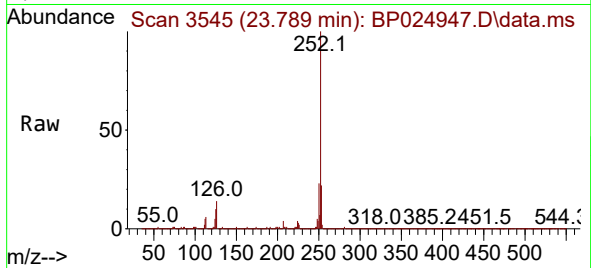
Tgt Ion:252 Resp: 4586861

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.7 7.4 11.0



#90

Benzo(a)pyrene

Concen: 54.040 ng

RT: 24.601 min Scan# 3683

Delta R.T. 0.029 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

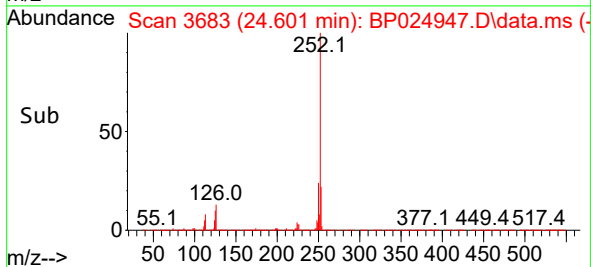
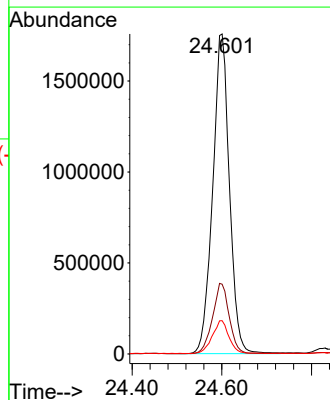
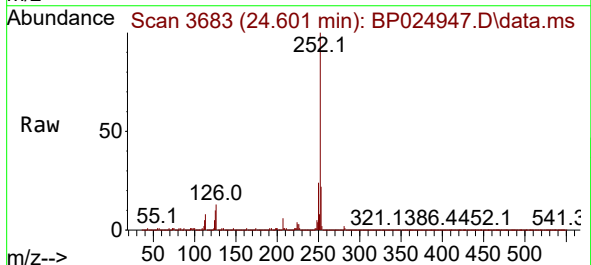
Tgt Ion:252 Resp: 4548873

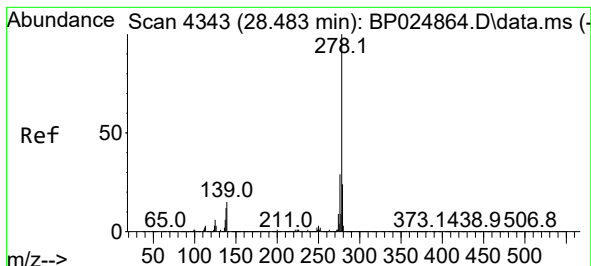
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 56.882 ng

RT: 28.530 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Instrument :

BNA_P

ClientSampleId :

TP-7MS

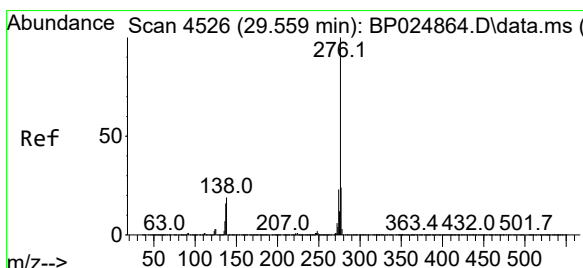
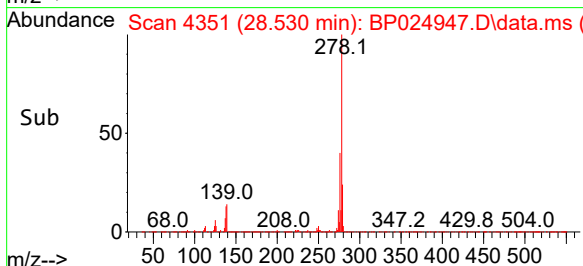
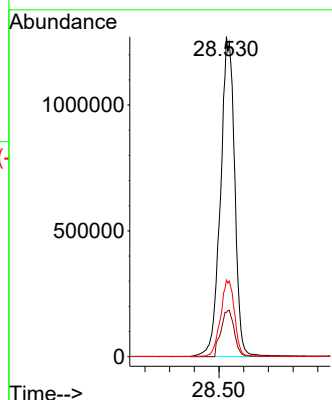
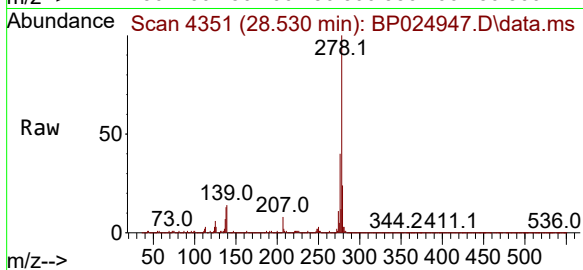
Tgt Ion:278 Resp: 5087848

Ion Ratio Lower Upper

278 100

139 13.8 12.0 18.0

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 56.293 ng

RT: 29.606 min Scan# 4534

Delta R.T. 0.047 min

Lab File: BP024947.D

Acq: 13 Jun 2025 16:54

Tgt Ion:276 Resp: 4995931

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 19.4 15.4 23.2

