

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025546.D
 Acq On : 22 Aug 2025 12:47
 Operator : CG/JU
 Sample : PB169346BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169346BS

Quant Time: Aug 22 13:04:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	140027	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	571548	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	373176	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	768345	20.000	ng	0.00
76) Chrysene-d12	21.636	240	863932	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1082087	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1055495	125.180	ng	0.00
7) Phenol-d6	6.960	99	1334816	123.476	ng	0.00
23) Nitrobenzene-d5	8.919	82	838088	74.176	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	598848	119.222	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1934692	70.854	ng	-0.02
79) Terphenyl-d14	19.907	244	3282278	69.510	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	113385	34.331	ng	98
3) Pyridine	3.719	79	317548	35.128	ng	93
4) n-Nitrosodimethylamine	3.625	42	166407	44.651	ng	96
6) Aniline	7.107	93	465651	31.970	ng	98
8) 2-Chlorophenol	7.355	128	418373	43.970	ng	97
9) Benzaldehyde	6.925	77	186076	24.568	ng	97
10) Phenol	6.990	94	505169	44.534	ng	99
11) bis(2-Chloroethyl)ether	7.207	93	368281	41.655	ng	98
12) 1,3-Dichlorobenzene	7.672	146	430993	41.079	ng	98
13) 1,4-Dichlorobenzene	7.813	146	439883	41.020	ng	100
14) 1,2-Dichlorobenzene	8.125	146	424788	40.921	ng	99
15) Benzyl Alcohol	8.013	79	365441	42.545	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.290	45	508604	42.943	ng	97
17) 2-Methylphenol	8.213	107	342727	43.503	ng	99
18) Hexachloroethane	8.843	117	163909	41.571	ng	96
19) n-Nitroso-di-n-propyla...	8.566	70	277251	38.719	ng	96
20) 3+4-Methylphenols	8.537	107	467477	42.808	ng	97
22) Acetophenone	8.584	105	588112	41.031	ng	98
24) Nitrobenzene	8.954	77	427551	42.341	ng	99
25) Isophorone	9.478	82	793698	39.693	ng	99
26) 2-Nitrophenol	9.660	139	221665	42.774	ng	98
27) 2,4-Dimethylphenol	9.725	122	388838	43.631	ng	98
28) bis(2-Chloroethoxy)met...	9.954	93	492105	40.714	ng	99
29) 2,4-Dichlorophenol	10.196	162	390957	44.161	ng	97
30) 1,2,4-Trichlorobenzene	10.407	180	383356	39.502	ng	98
31) Naphthalene	10.596	128	1210289	40.742	ng	99
32) Benzoic acid	9.866	122	299090	45.458	ng	97
33) 4-Chloroaniline	10.701	127	267018	20.349	ng	99
34) Hexachlorobutadiene	10.884	225	237838	39.352	ng	98
35) Caprolactam	11.484	113	142483	43.892	ng	97
36) 4-Chloro-3-methylphenol	11.825	107	443662	43.674	ng	99
37) 2-Methylnaphthalene	12.207	142	768470	39.751	ng	100
38) 1-Methylnaphthalene	12.425	142	798081	38.819	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	435667	40.423	ng	98
41) Hexachlorocyclopentadiene	12.554	237	539112	82.811	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	317743	43.669	ng	98

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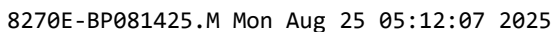
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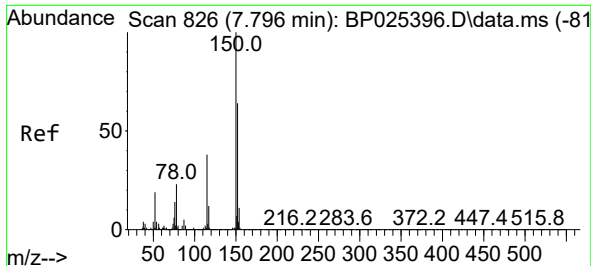
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	353867	44.375	ng	99
46) 1,1'-Biphenyl	13.213	154	1100271	40.597	ng	99
47) 2-Chloronaphthalene	13.254	162	844118	40.008	ng	100
48) 2-Nitroaniline	13.460	65	289613	47.109	ng	96
49) Acenaphthylene	14.113	152	1463516	41.919	ng	100
50) Dimethylphthalate	13.842	163	1145148	41.905	ng	100
51) 2,6-Dinitrotoluene	13.954	165	252331	43.809	ng	93
52) Acenaphthene	14.466	154	843308	41.151	ng	99
53) 3-Nitroaniline	14.289	138	201909	31.157	ng	99
54) 2,4-Dinitrophenol	14.501	184	333178	108.319	ng	97
55) Dibenzofuran	14.801	168	1324427	40.878	ng	100
56) 4-Nitrophenol	14.619	139	497900	93.500	ng	96
57) 2,4-Dinitrotoluene	14.754	165	370886	45.132	ng	94
58) Fluorene	15.460	166	1061442	41.519	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	311752	44.275	ng	99
60) Diethylphthalate	15.225	149	1164187	41.926	ng	100
61) 4-Chlorophenyl-phenyle...	15.454	204	516178	40.597	ng	97
62) 4-Nitroaniline	15.478	138	302023	45.462	ng	98
63) Azobenzene	15.754	77	1051445	44.223	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	223305	46.624	ng	93
66) n-Nitrosodiphenylamine	15.666	169	977294	41.711	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	336882	39.866	ng	96
68) Hexachlorobenzene	16.489	284	391710	39.988	ng	99
69) Atrazine	16.648	200	371296	42.315	ng	99
70) Pentachlorophenol	16.842	266	554655	89.698	ng	97
71) Phenanthrene	17.236	178	1754542	41.569	ng	99
72) Anthracene	17.330	178	1796992	41.691	ng	100
73) Carbazole	17.607	167	1783989	43.942	ng	99
74) Di-n-butylphthalate	18.201	149	2139319	42.829	ng	99
75) Fluoranthene	19.324	202	2118741	42.083	ng	99
77) Benzidine	19.507	184	1332025	45.178	ng	99
78) Pyrene	19.695	202	2287831	40.743	ng	100
80) Butylbenzylphthalate	20.636	149	1094178	42.995	ng	100
81) Benzo(a)anthracene	21.618	228	2473020	43.404	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	663257	30.884	ng	100
83) Chrysene	21.683	228	2340594	43.865	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1590453	42.455	ng	99
85) Di-n-octyl phthalate	22.836	149	3046713	47.282	ng	98
87) Indeno(1,2,3-cd)pyrene	28.812	276	3352933	42.252	ng	98
88) Benzo(b)fluoranthene	23.930	252	2788636	43.704	ng	99
89) Benzo(k)fluoranthene	24.007	252	2703191	42.336	ng	99
90) Benzo(a)pyrene	24.836	252	2661591	42.852	ng	99
91) Dibenzo(a,h)anthracene	28.906	278	2720066	41.944	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2698286	42.328	ng	100

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

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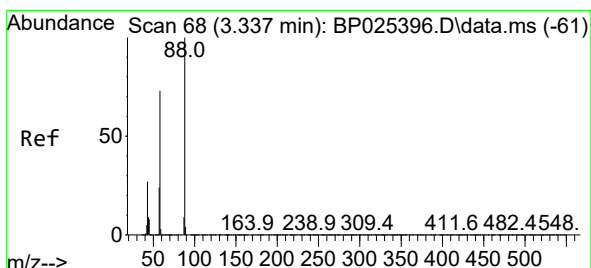
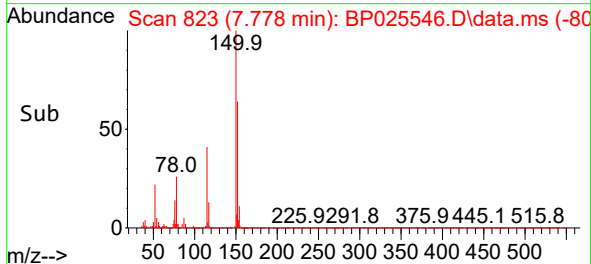
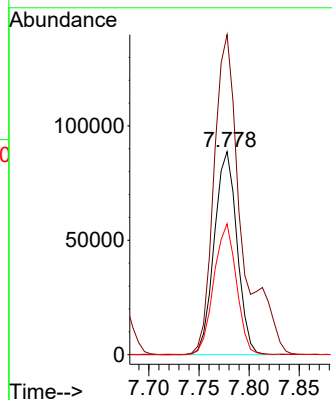
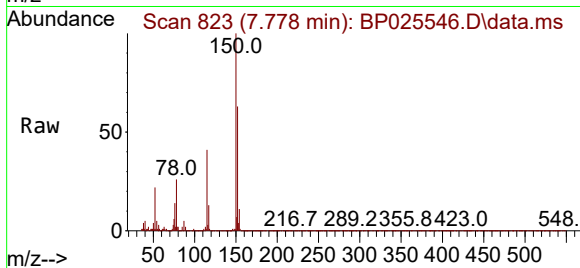




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025546.D
 Acq: 22 Aug 2025 12:47

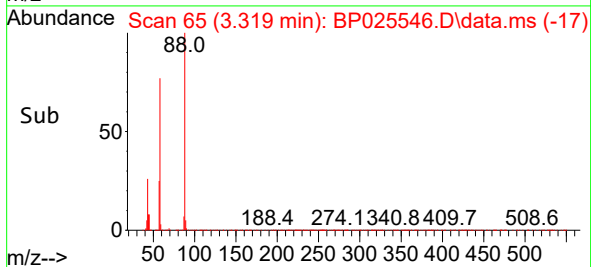
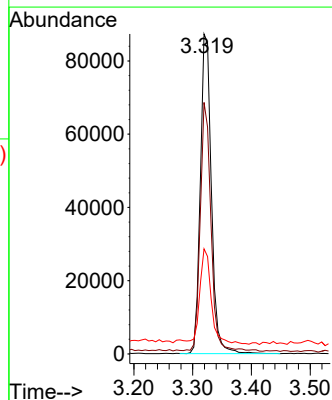
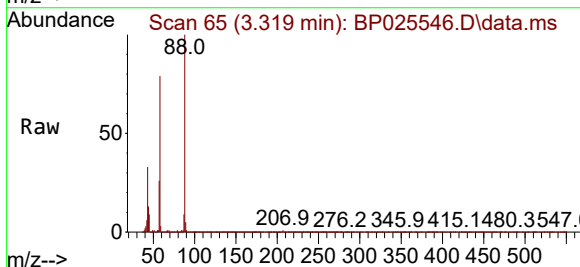
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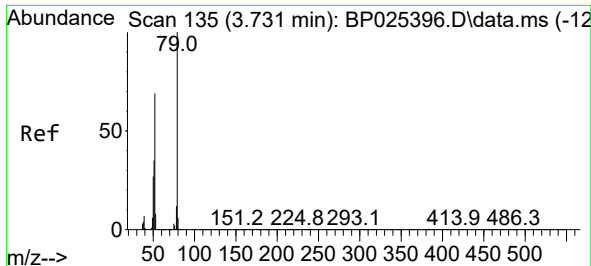
Tgt Ion:152 Resp: 140027
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.9 188.9
 115 64.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 34.331 ng
 RT: 3.319 min Scan# 65
 Delta R.T. -0.018 min
 Lab File: BP025546.D
 Acq: 22 Aug 2025 12:47

Tgt Ion: 88 Resp: 113385
 Ion Ratio Lower Upper
 88 100
 58 74.3 59.2 88.8
 43 31.2 21.7 32.5

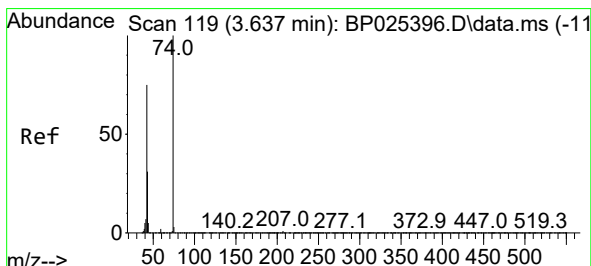
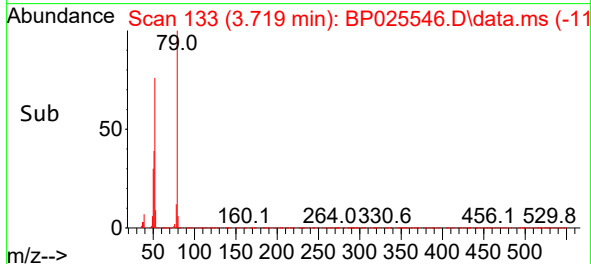
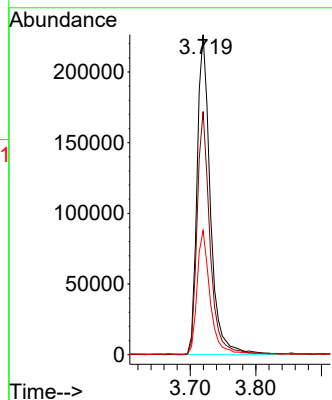
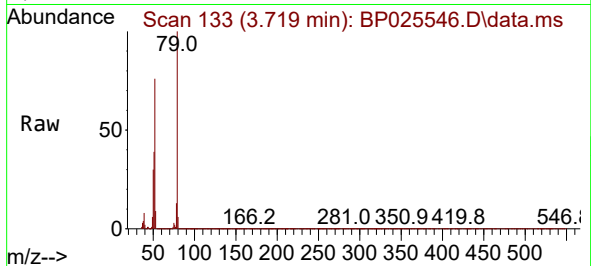




#3
 Pyridine
 Concen: 35.128 ng
 RT: 3.719 min Scan# 117
 Delta R.T. -0.012 min
 Lab File: BP025546.D
 Acq: 22 Aug 2025 12:47

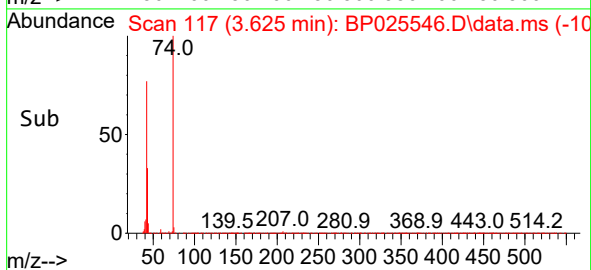
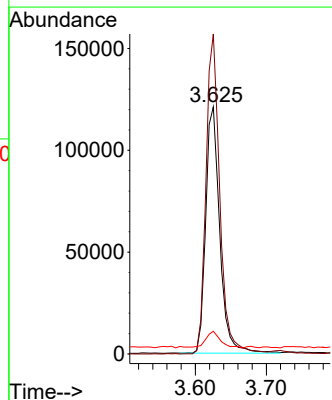
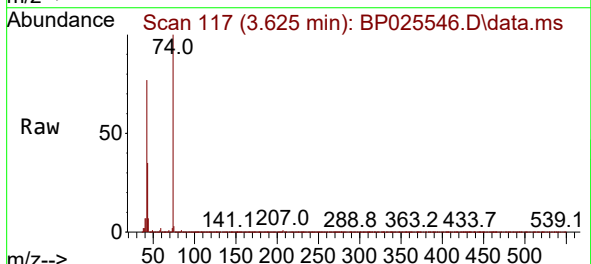
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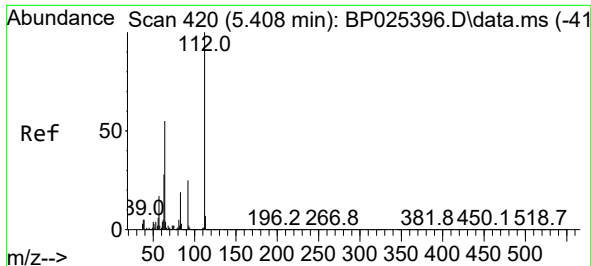
Tgt Ion: 79 Resp: 317548
 Ion Ratio Lower Upper
 79 100
 52 76.0 55.5 83.3
 51 38.8 28.3 42.5



#4
 n-Nitrosodimethylamine
 Concen: 44.651 ng
 RT: 3.625 min Scan# 117
 Delta R.T. -0.012 min
 Lab File: BP025546.D
 Acq: 22 Aug 2025 12:47

Tgt Ion: 42 Resp: 166407
 Ion Ratio Lower Upper
 42 100
 74 129.5 107.0 160.4
 44 9.2 6.2 9.4

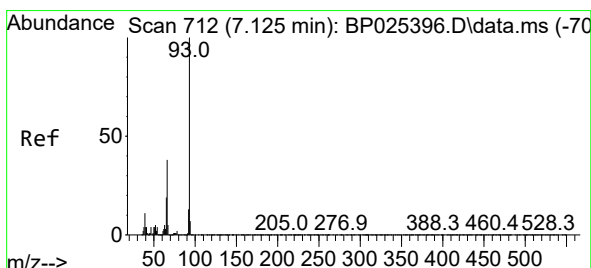
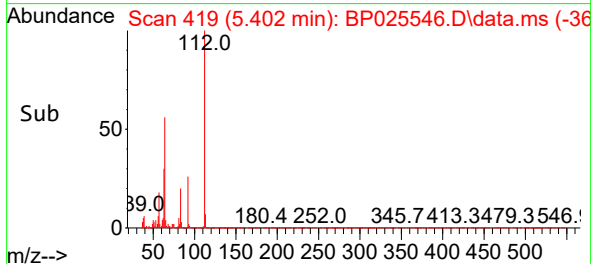
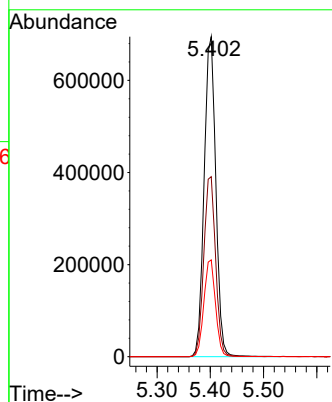
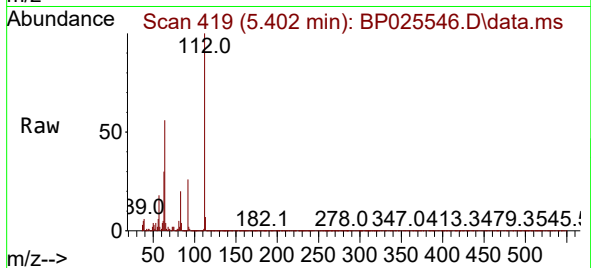




#5
2-Fluorophenol
Concen: 125.180 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

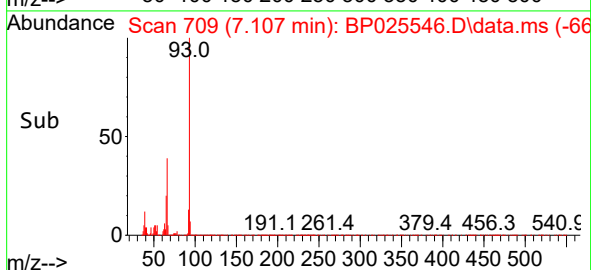
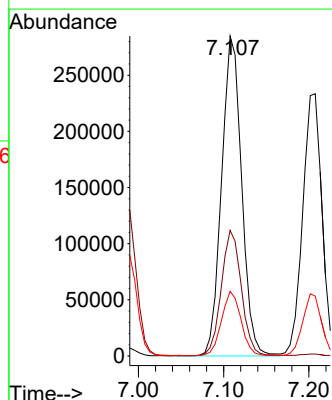
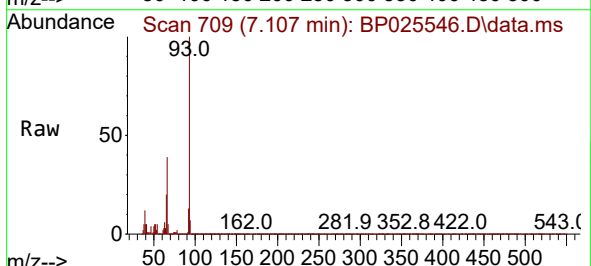
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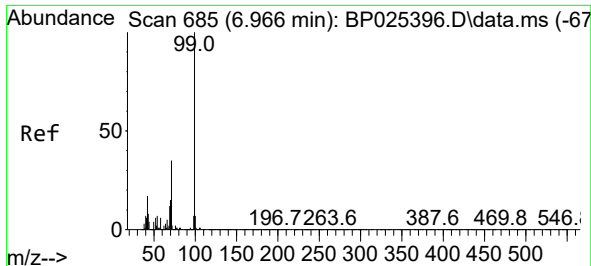
Tgt Ion:112 Resp: 1055495
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 30.2 22.7 34.1



#6
Aniline
Concen: 31.970 ng
RT: 7.107 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion: 93 Resp: 465651
Ion Ratio Lower Upper
93 100
66 39.3 30.4 45.6
65 20.2 15.3 22.9

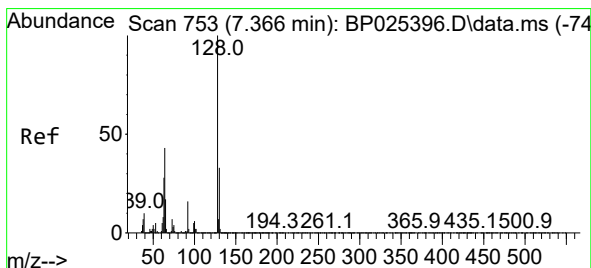
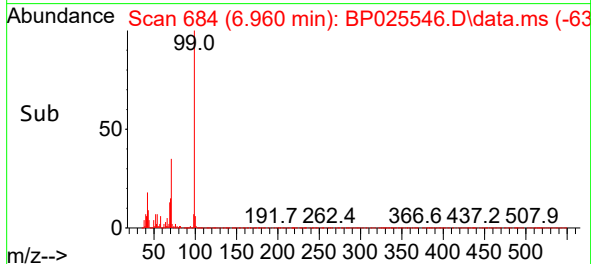
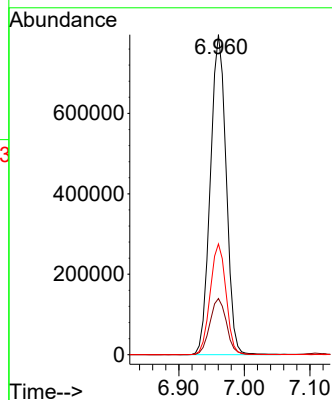
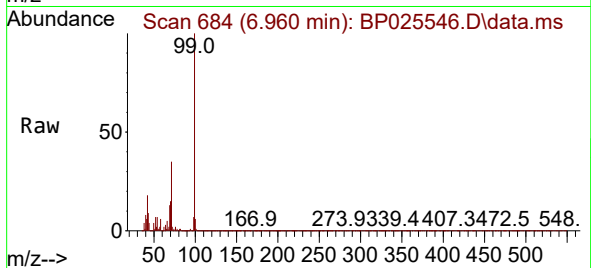




#7
Phenol-d6
Concen: 123.476 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

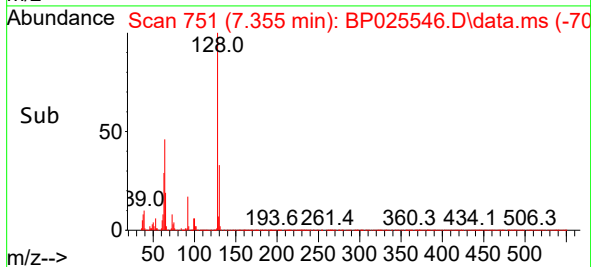
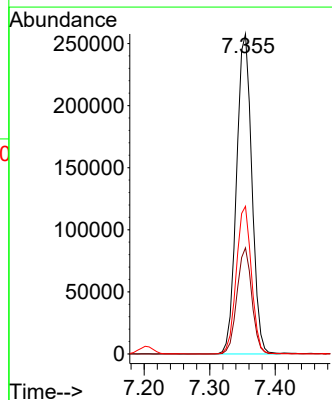
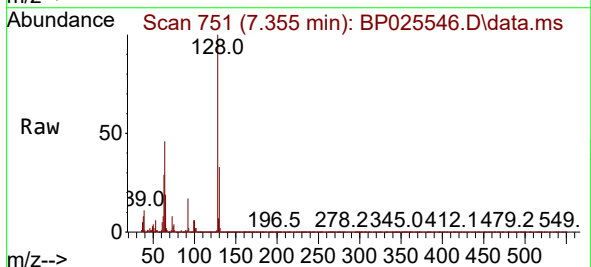
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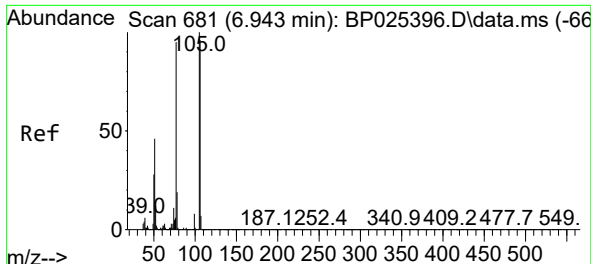
Tgt Ion: 99 Resp: 1334816
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 34.6 28.2 42.4



#8
2-Chlorophenol
Concen: 43.970 ng
RT: 7.355 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:128 Resp: 418373
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 46.2 23.4 63.4

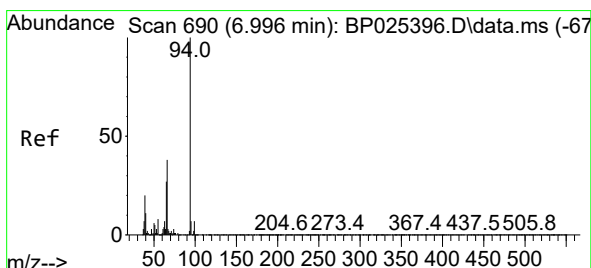
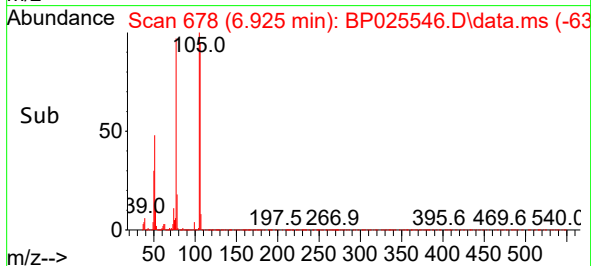
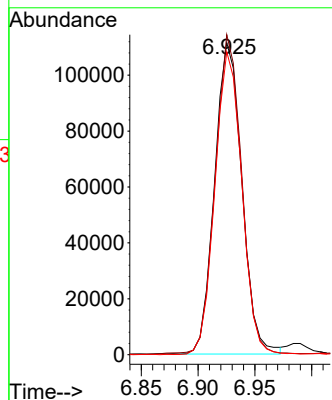
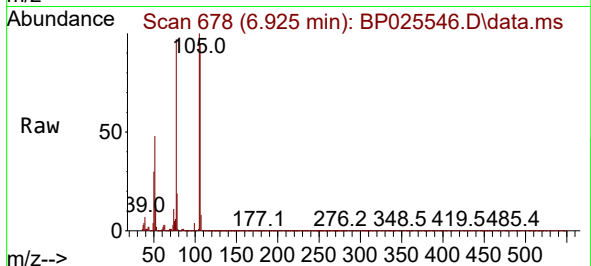




#9
Benzaldehyde
Concen: 24.568 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

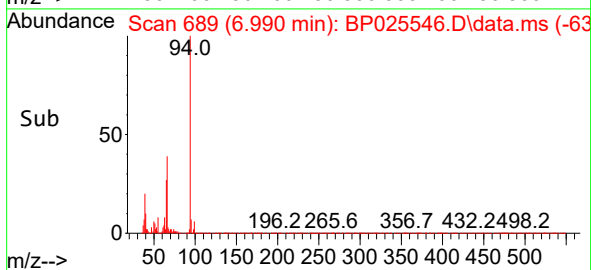
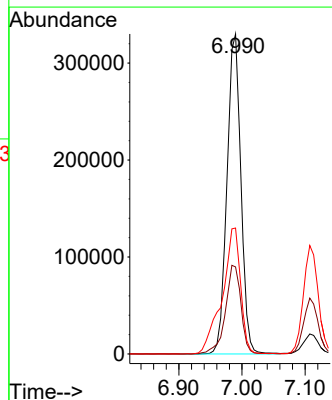
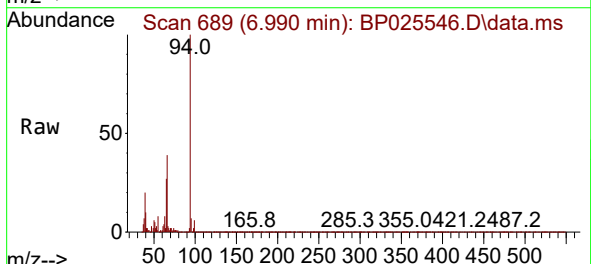
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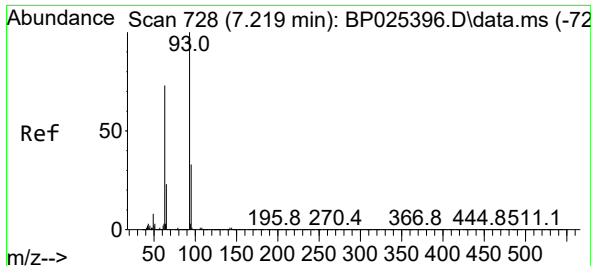
Tgt Ion: 77 Resp: 186076
Ion Ratio Lower Upper
77 100
105 102.6 84.8 124.8
106 97.1 80.5 120.5



#10
Phenol
Concen: 44.534 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 505169
Ion Ratio Lower Upper
94 100
65 27.2 6.8 46.8
66 39.4 18.2 58.2

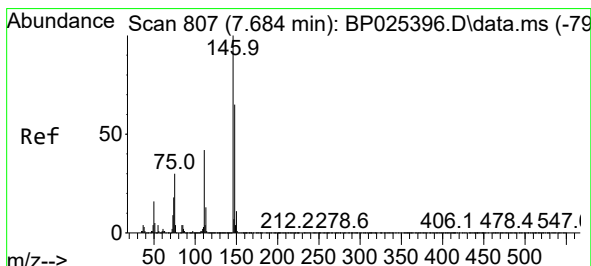
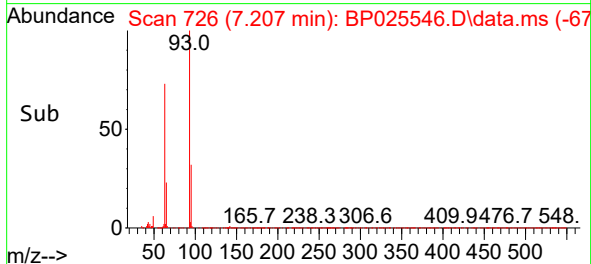
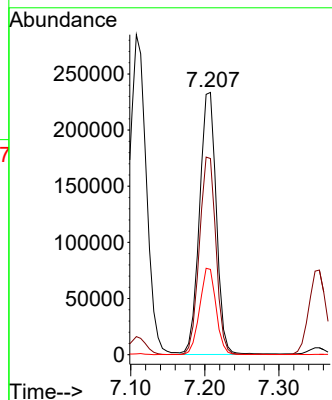
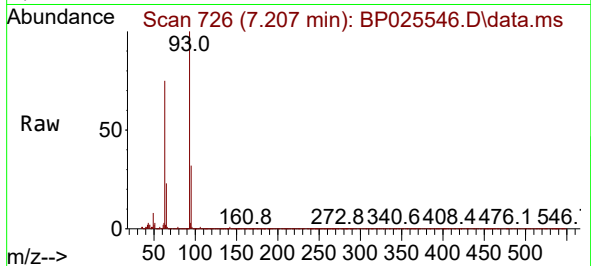




#11
bis(2-Chloroethyl)ether
Concen: 41.655 ng
RT: 7.207 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

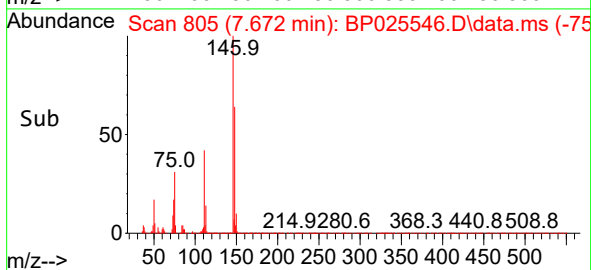
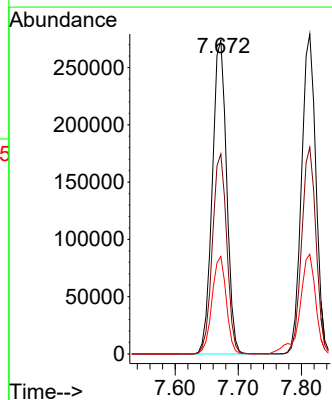
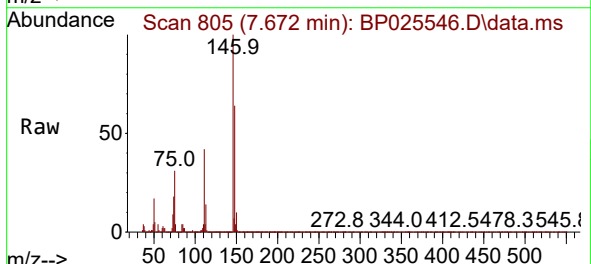
Instrument :
BNA_P
ClientSampleId :
PB169346BS

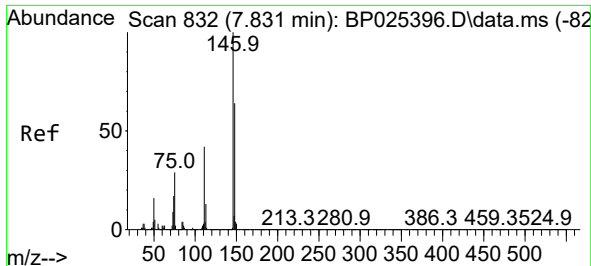
Tgt Ion: 93 Resp: 368281
Ion Ratio Lower Upper
93 100
63 74.8 52.6 92.6
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.079 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion: 146 Resp: 430993
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 31.1 23.7 35.5

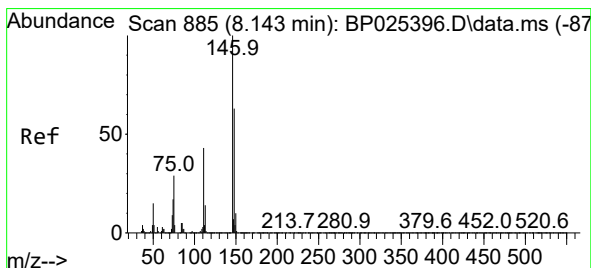
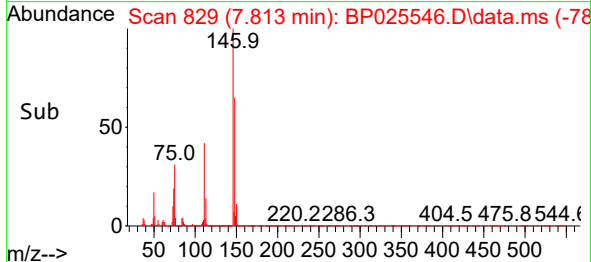
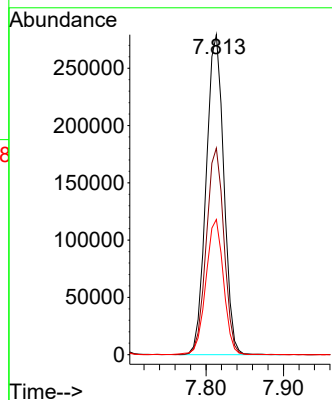
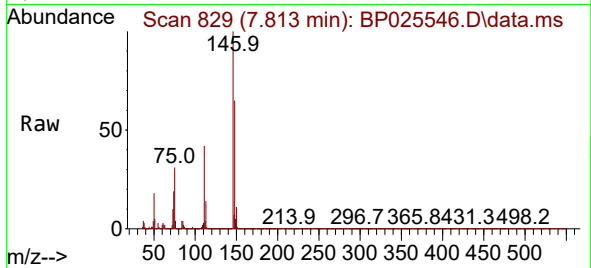




#13
1,4-Dichlorobenzene
Concen: 41.020 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

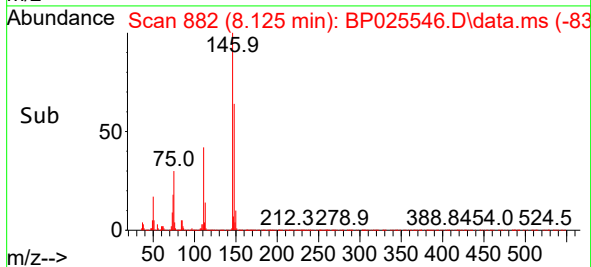
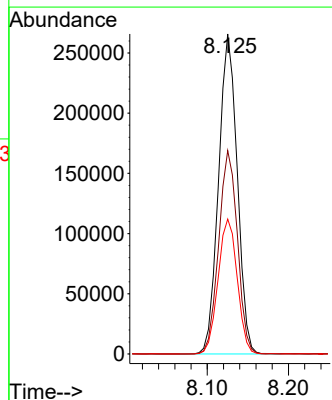
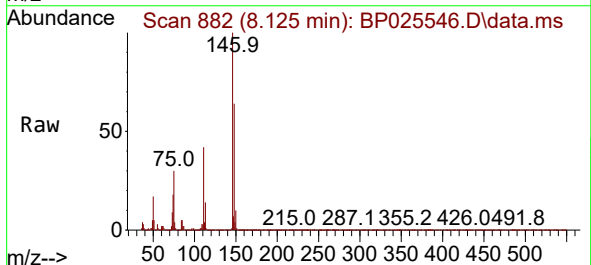
Instrument :
BNA_P
ClientSampleId :
PB169346BS

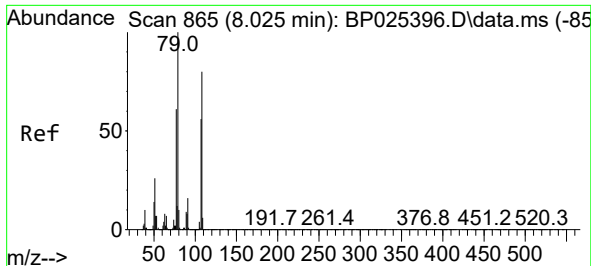
Tgt Ion:146 Resp: 439883
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
111 42.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 40.921 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:146 Resp: 424788
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 42.2 34.5 51.7

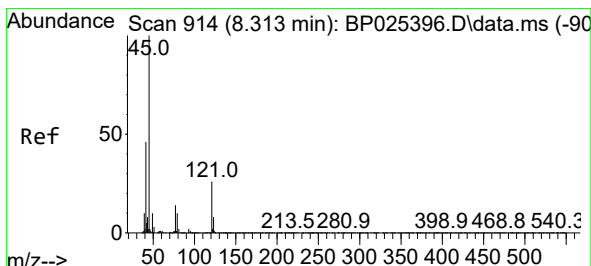
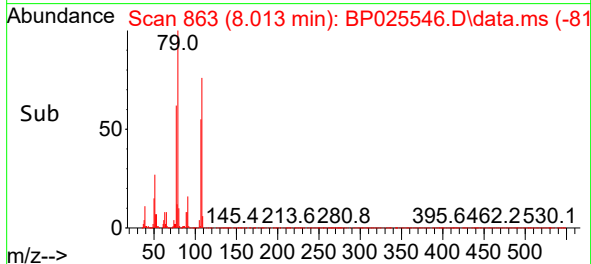
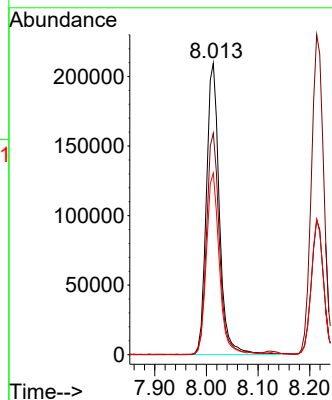
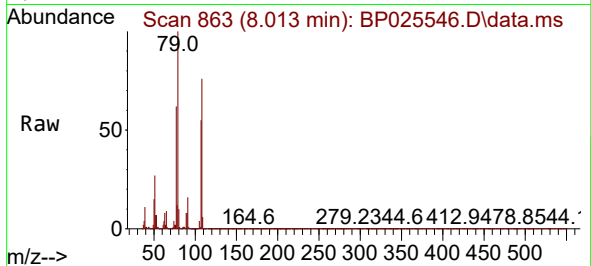




#15
Benzyl Alcohol
Concen: 42.545 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

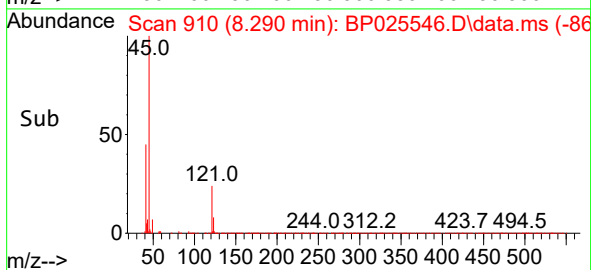
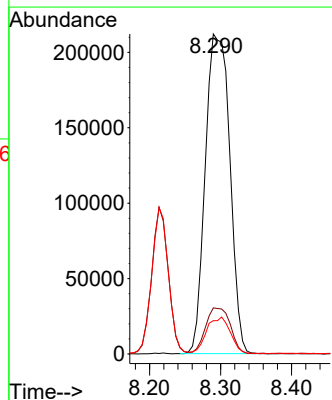
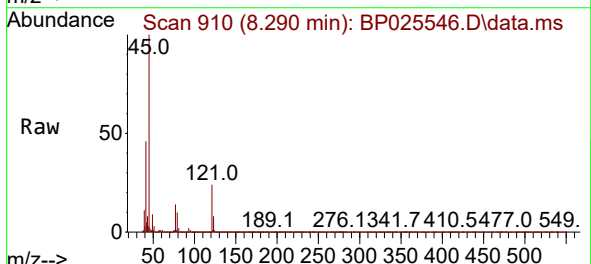
Instrument :
BNA_P
ClientSampleId :
PB169346BS

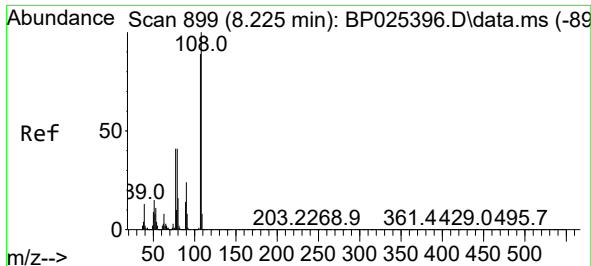
Tgt Ion: 79 Resp: 365441
Ion Ratio Lower Upper
79 100
108 76.0 63.8 95.6
77 62.2 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.943 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.024 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion: 45 Resp: 508604
Ion Ratio Lower Upper
45 100
77 14.4 0.0 35.3
79 10.4 0.0 31.8

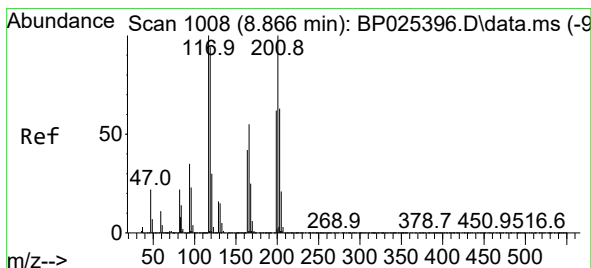
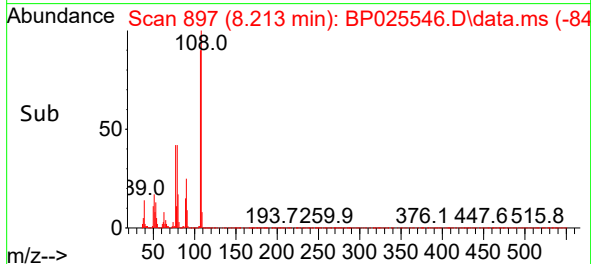
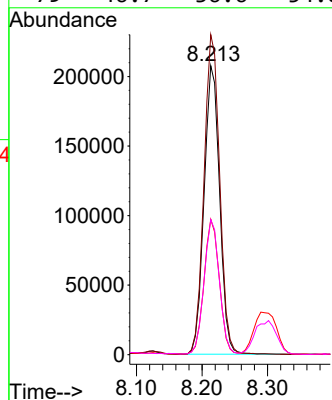
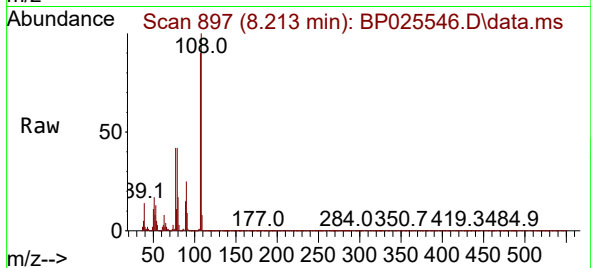




#17
2-Methylphenol
Concen: 43.503 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

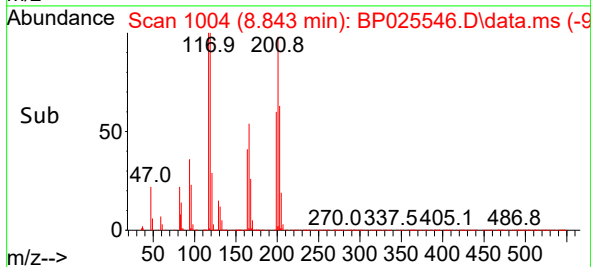
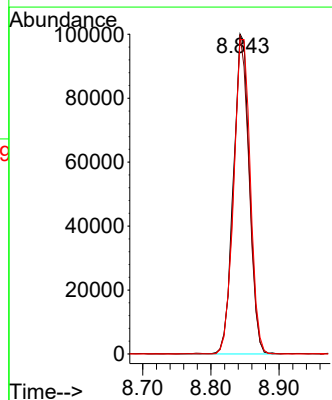
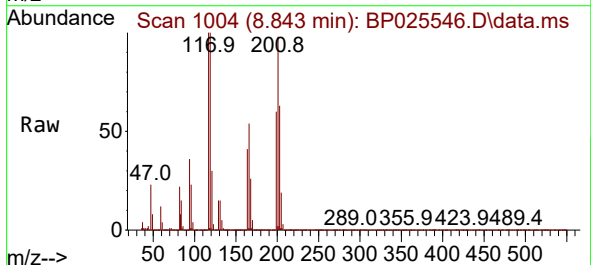
Instrument :
BNA_P
ClientSampleId :
PB169346BS

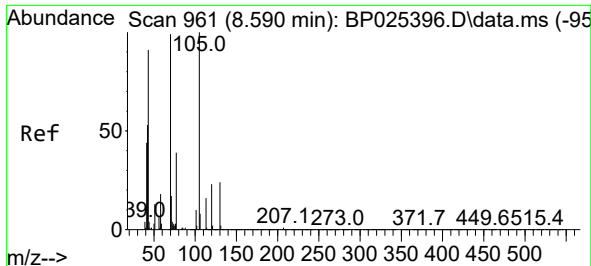
Tgt Ion:	107	Resp:	342727
Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.4	134.0
77	46.9	36.3	54.5
79	46.7	36.6	54.8



#18
Hexachloroethane
Concen: 41.571 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.024 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:	117	Resp:	163909
Ion	Ratio	Lower	Upper
117	100		
119	99.8	75.1	112.7
201	98.3	80.1	120.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.719 ng

RT: 8.566 min Scan# 91

Delta R.T. -0.024 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

Tgt Ion: 70 Resp: 277251

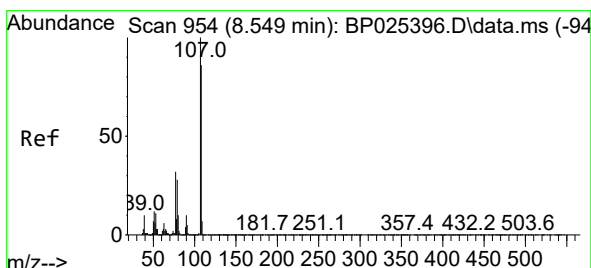
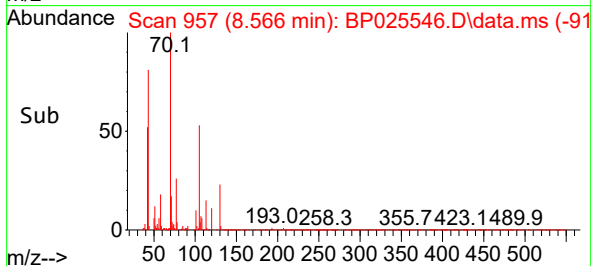
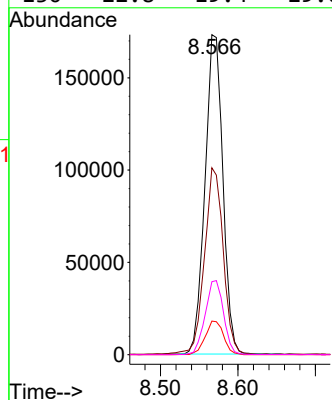
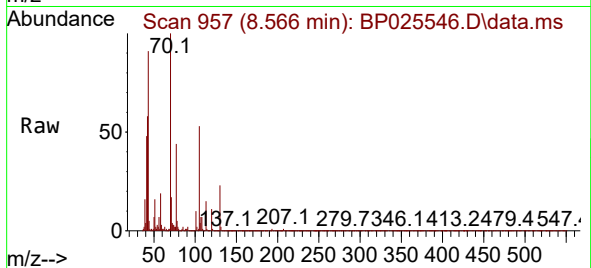
Ion Ratio Lower Upper

70 100

42 58.4 43.8 65.6

101 10.5 8.5 12.7

130 22.8 19.4 29.0



#20

3+4-Methylphenols

Concen: 42.808 ng

RT: 8.537 min Scan# 952

Delta R.T. -0.012 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Tgt Ion: 107 Resp: 467477

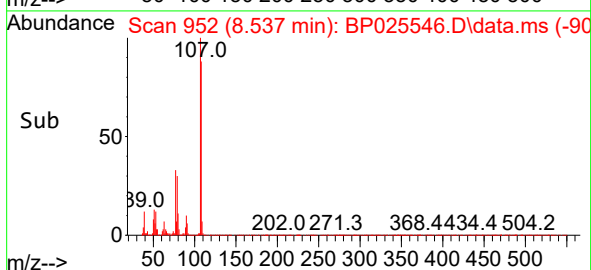
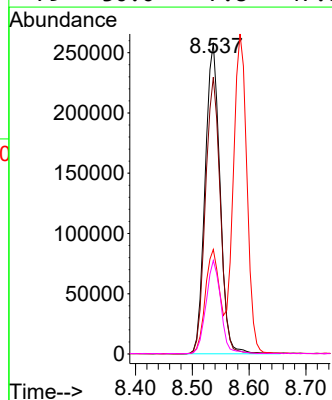
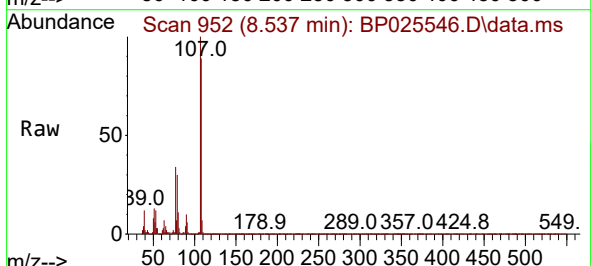
Ion Ratio Lower Upper

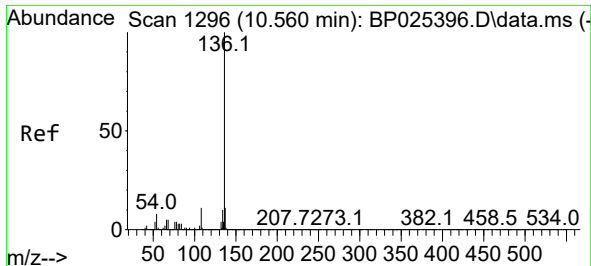
107 100

108 88.9 66.3 106.3

77 33.6 12.3 52.3

79 30.0 7.8 47.8

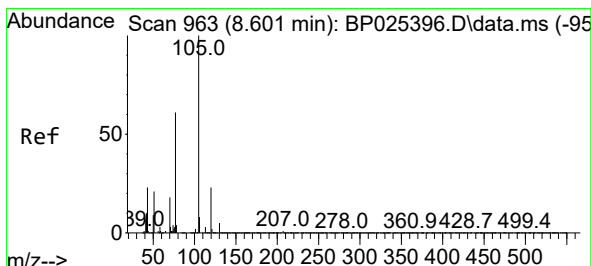
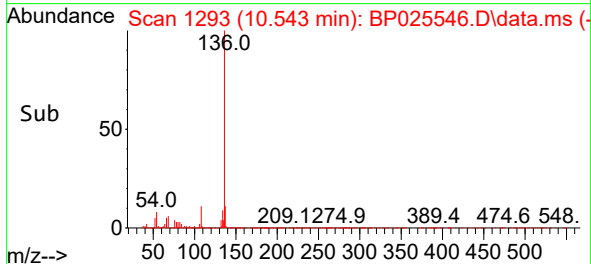
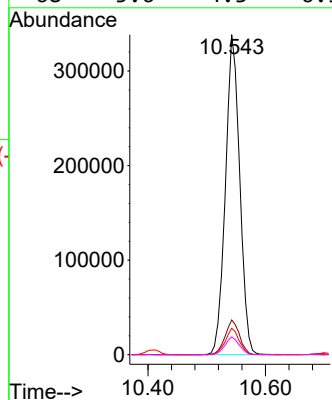
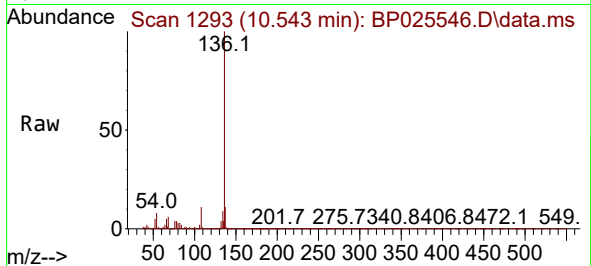




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

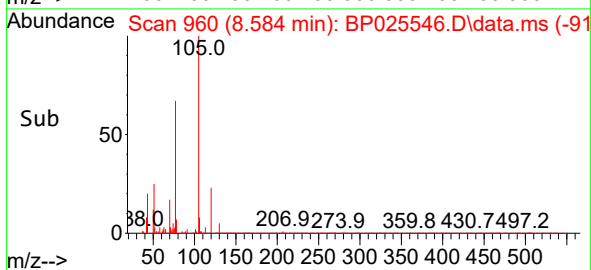
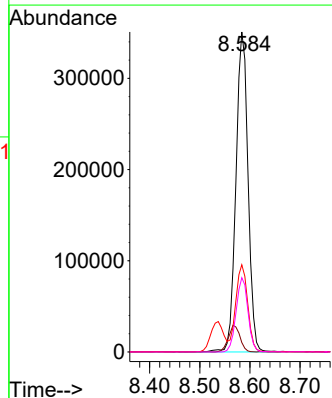
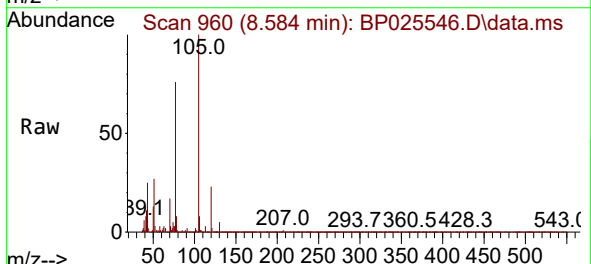
Instrument :
BNA_P
ClientSampleId :
PB169346BS

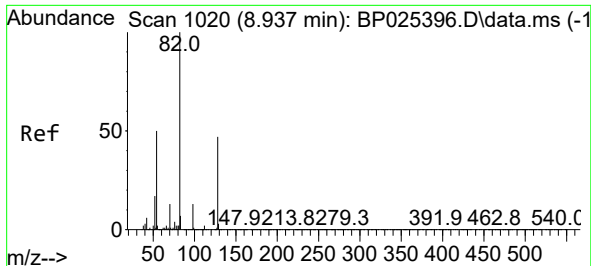
Tgt Ion:	136	Resp:	571548
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.3	6.0	9.0
68	5.6	4.3	6.5



#22
Acetophenone
Concen: 41.031 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:	105	Resp:	588112
Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.6	4.0
51	27.3	20.6	30.8
120	23.2	18.6	27.8

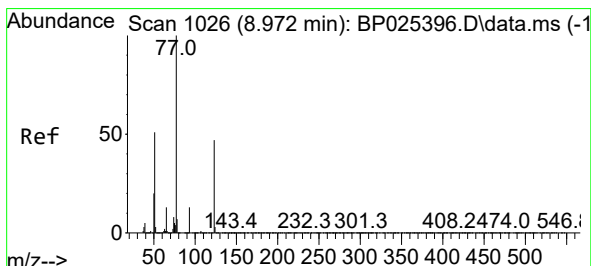
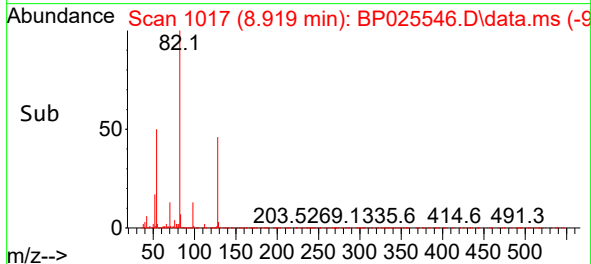
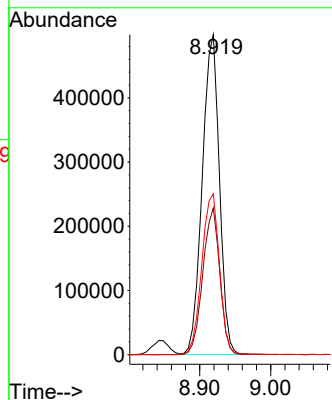
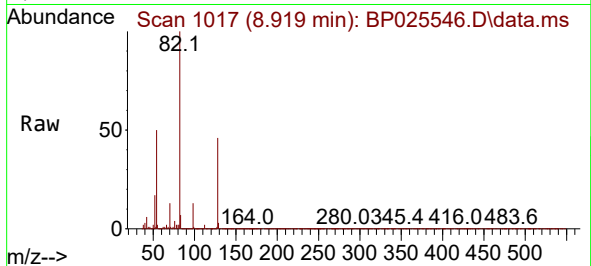




#23
Nitrobenzene-d5
Concen: 74.176 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

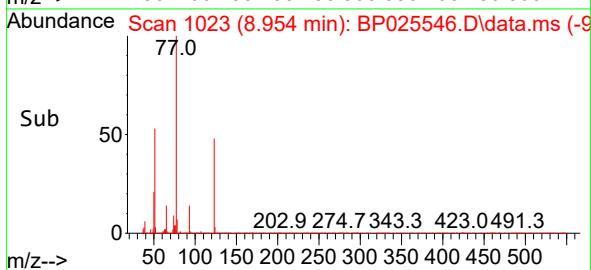
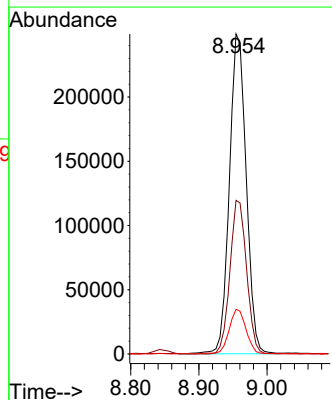
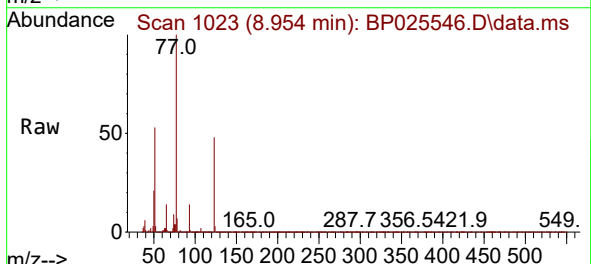
Instrument :
BNA_P
ClientSampleId :
PB169346BS

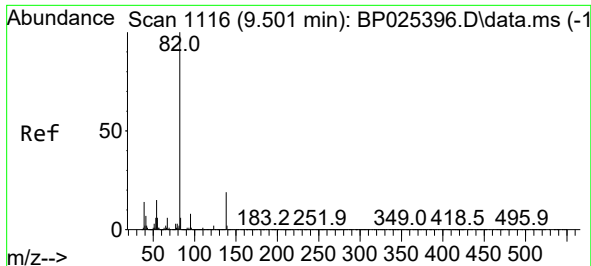
Tgt Ion: 82 Resp: 838088
Ion Ratio Lower Upper
82 100
128 45.9 37.7 56.5
54 50.3 39.8 59.6



#24
Nitrobenzene
Concen: 42.341 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion: 77 Resp: 427551
Ion Ratio Lower Upper
77 100
123 48.0 38.6 58.0
65 13.9 10.6 15.8

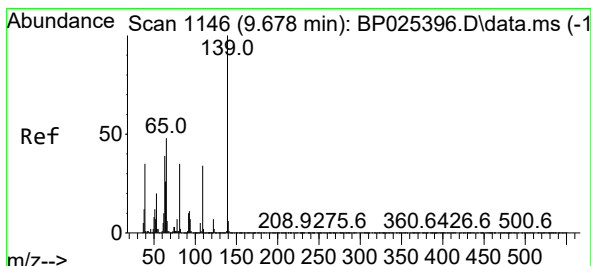
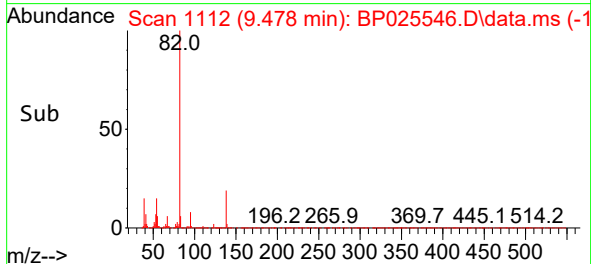
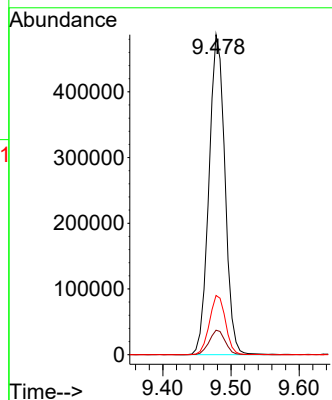
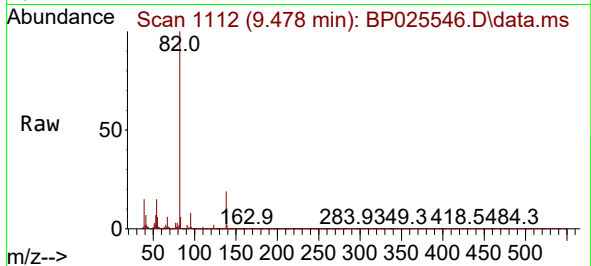




#25
Isophorone
Concen: 39.693 ng
RT: 9.478 min Scan# 1116
Delta R.T. -0.024 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

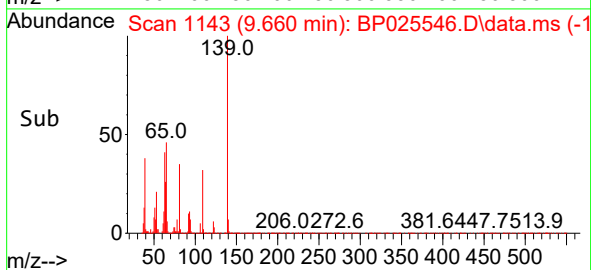
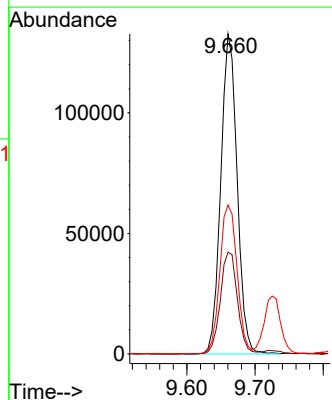
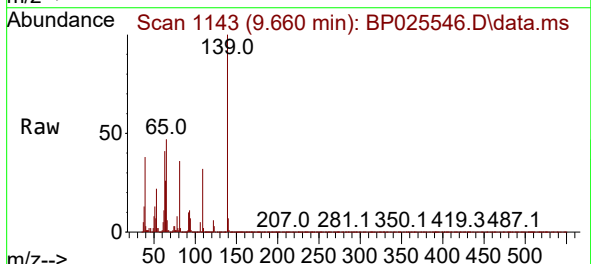
Instrument :
BNA_P
ClientSampleId :
PB169346BS

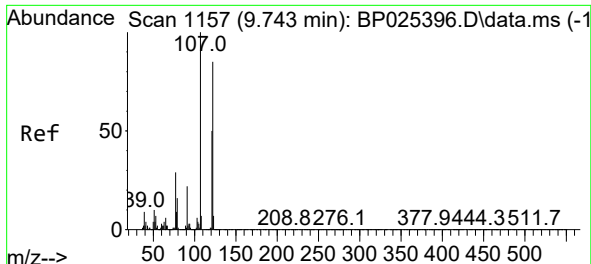
Tgt Ion: 82 Resp: 793698
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.5 15.4 23.0



#26
2-Nitrophenol
Concen: 42.774 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:139 Resp: 221665
Ion Ratio Lower Upper
139 100
109 31.8 26.9 40.3
65 46.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 43.631 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

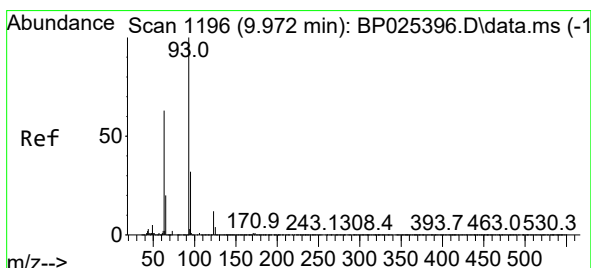
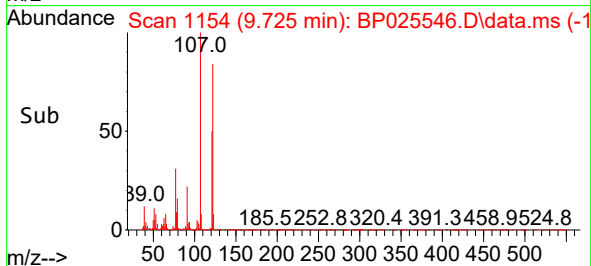
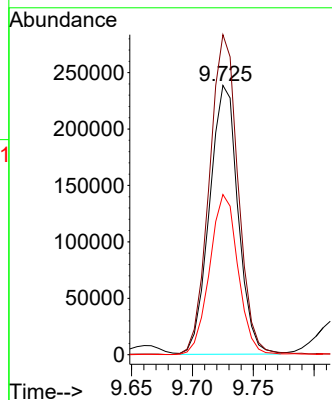
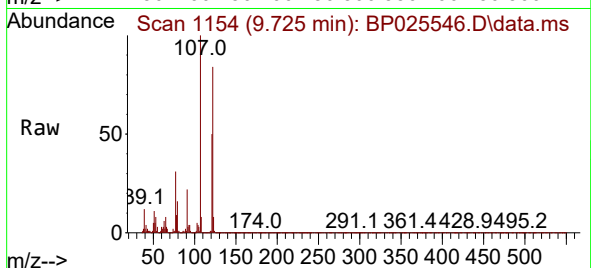
Tgt Ion:122 Resp: 388838

Ion Ratio Lower Upper

122 100

107 118.9 93.7 140.5

121 59.5 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.714 ng

RT: 9.954 min Scan# 1193

Delta R.T. -0.018 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

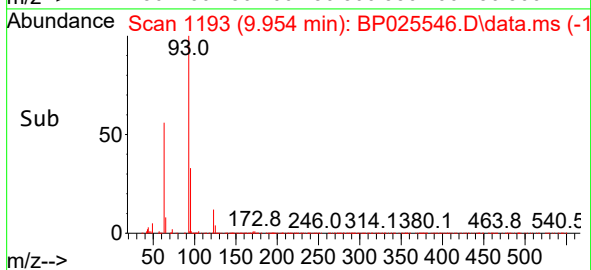
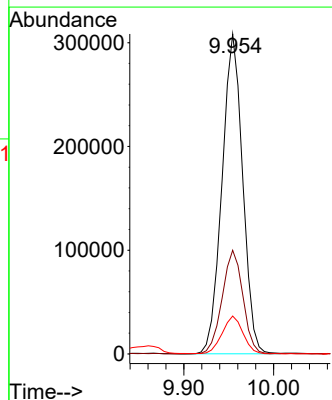
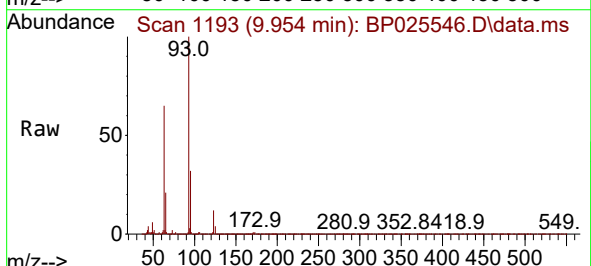
Tgt Ion: 93 Resp: 492105

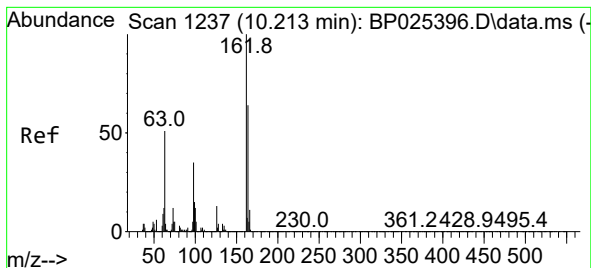
Ion Ratio Lower Upper

93 100

95 32.4 25.4 38.0

123 11.9 9.4 14.0

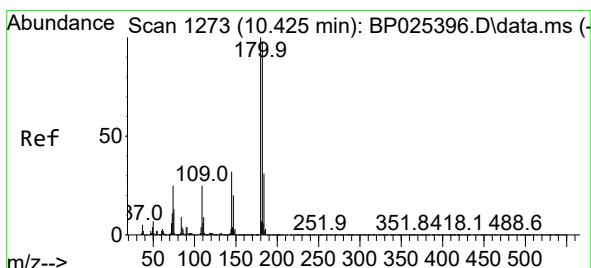
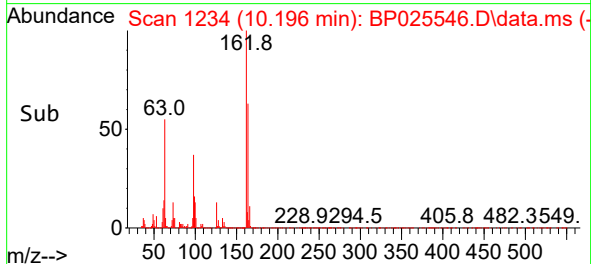
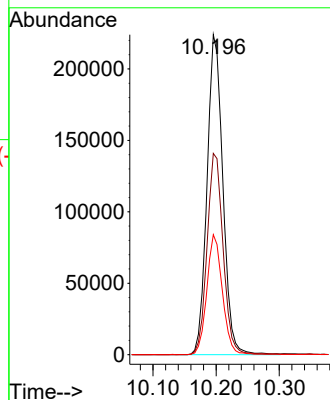
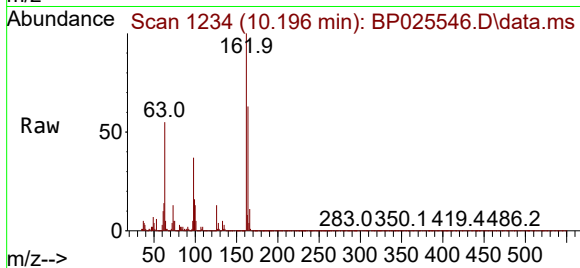




#29
2,4-Dichlorophenol
Concen: 44.161 ng
RT: 10.196 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

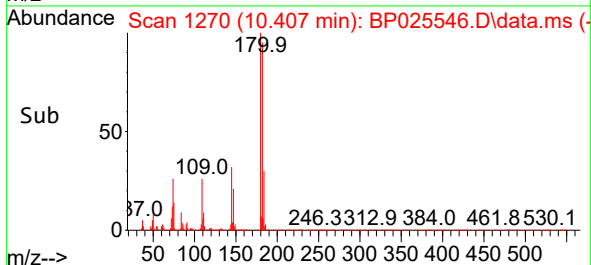
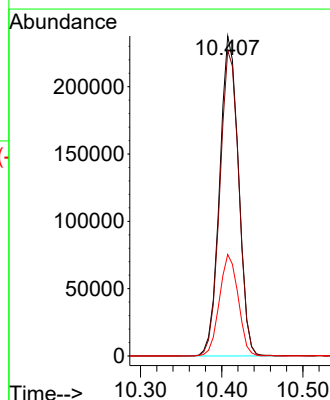
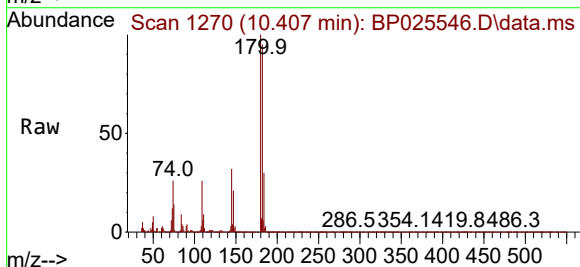
Instrument :
BNA_P
ClientSampleId :
PB169346BS

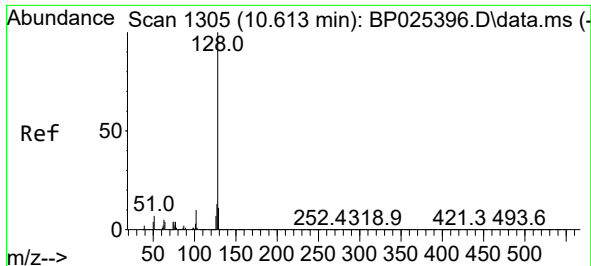
Tgt Ion:162 Resp: 390957
Ion Ratio Lower Upper
162 100
164 62.9 44.4 84.4
98 37.5 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 39.502 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:180 Resp: 383356
Ion Ratio Lower Upper
180 100
182 95.4 78.0 117.0
145 31.7 25.9 38.9

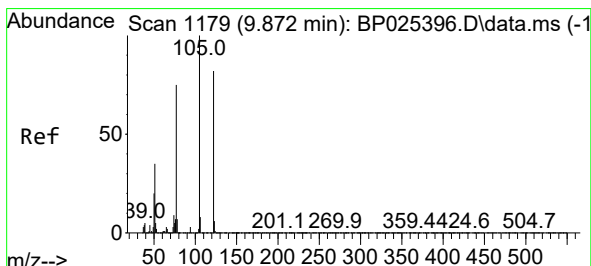
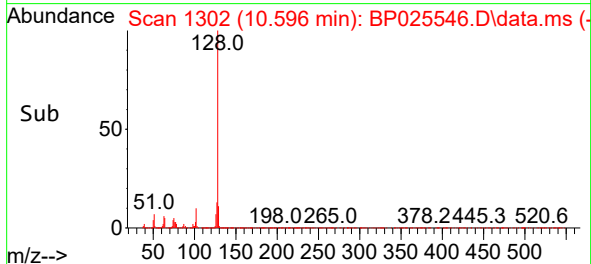
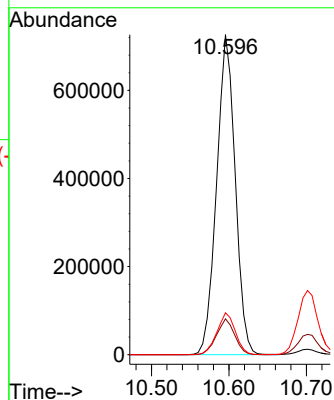
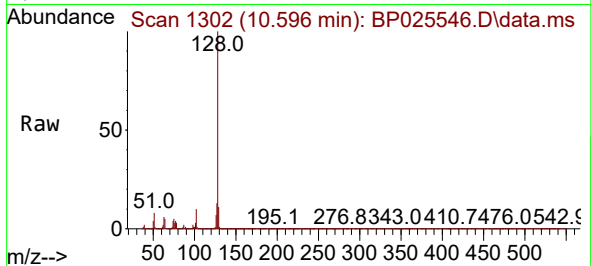




#31
Naphthalene
Concen: 40.742 ng
RT: 10.596 min Scan# 111
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

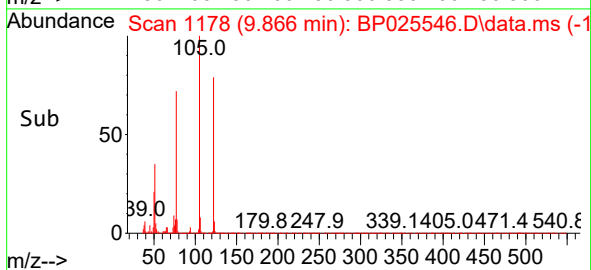
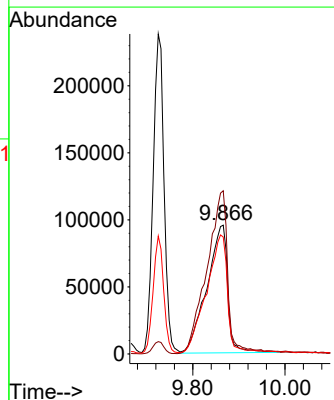
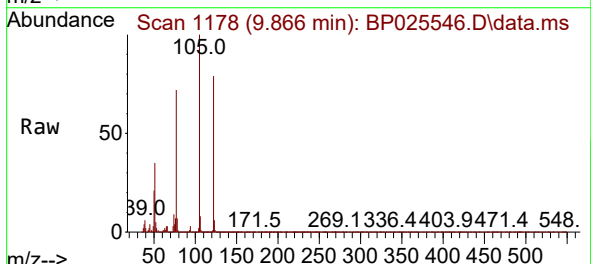
Instrument :
BNA_P
ClientSampleId :
PB169346BS

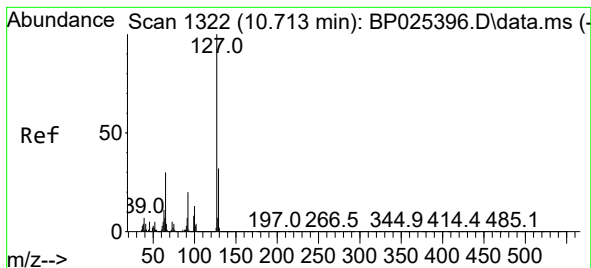
Tgt Ion:128 Resp: 1210289
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 45.458 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:122 Resp: 299090
Ion Ratio Lower Upper
122 100
105 126.7 100.6 140.6
77 90.8 71.5 111.5





#33

4-Chloroaniline

Concen: 20.349 ng

RT: 10.701 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

Tgt Ion:127 Resp: 267018

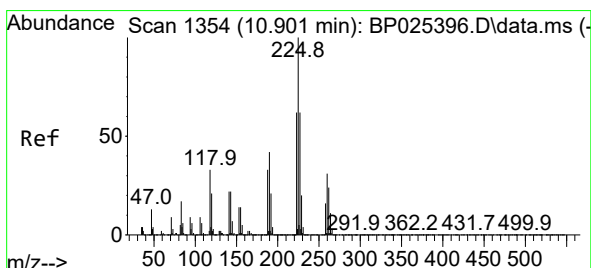
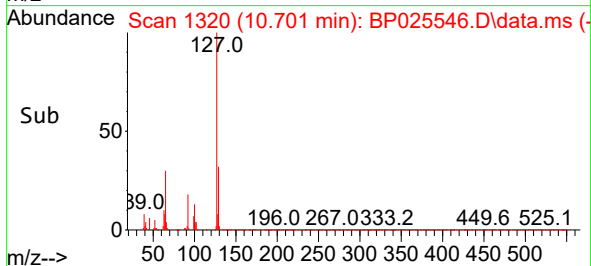
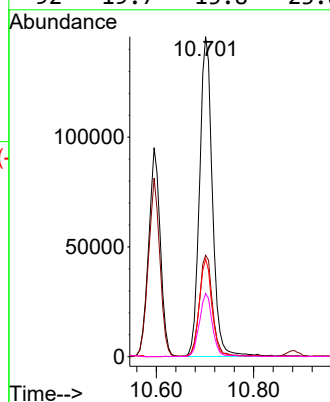
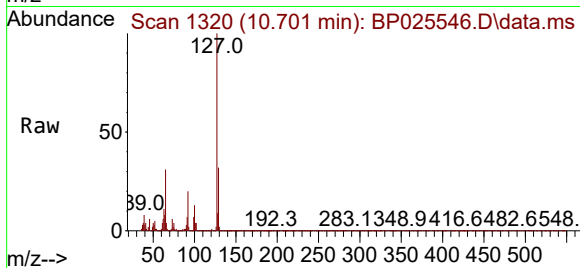
Ion Ratio Lower Upper

127 100

129 31.7 25.4 38.2

65 30.5 23.8 35.6

92 19.7 15.8 23.8



#34

Hexachlorobutadiene

Concen: 39.352 ng

RT: 10.884 min Scan# 1351

Delta R.T. -0.018 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

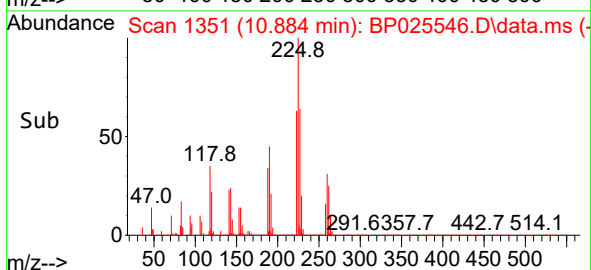
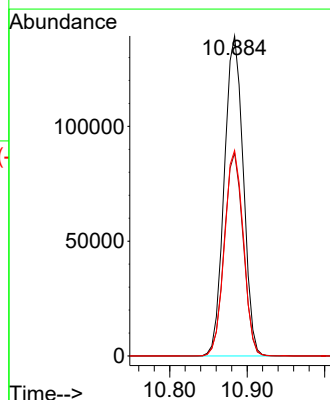
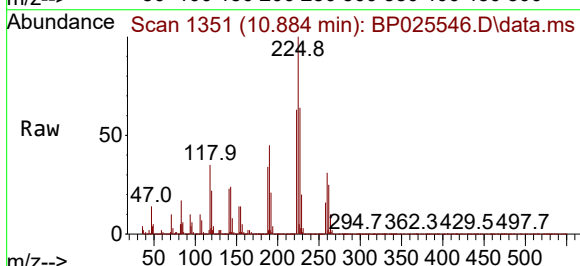
Tgt Ion:225 Resp: 237838

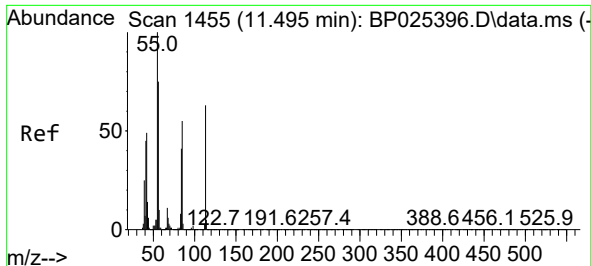
Ion Ratio Lower Upper

225 100

223 63.5 50.0 75.0

227 64.3 49.7 74.5

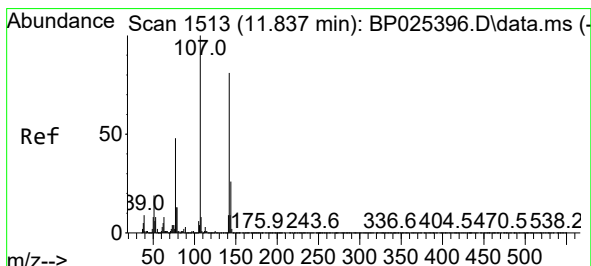
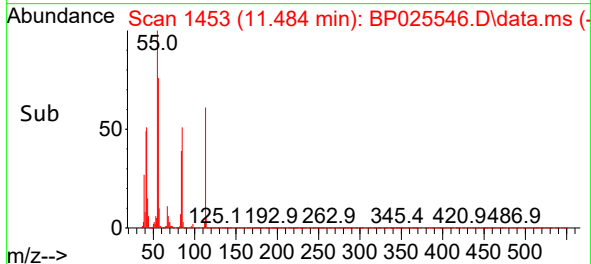
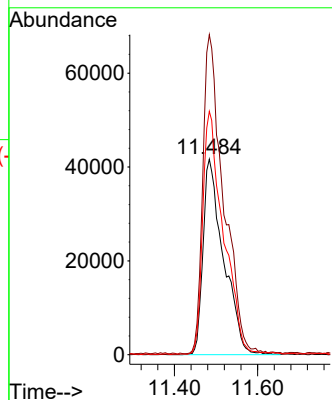
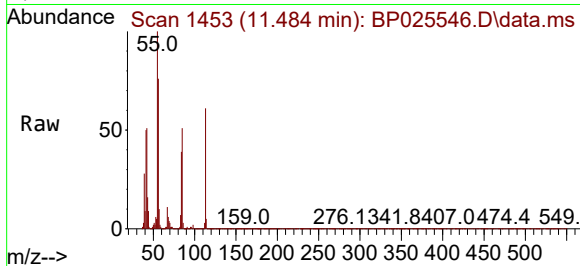




#35
Caprolactam
Concen: 43.892 ng
RT: 11.484 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

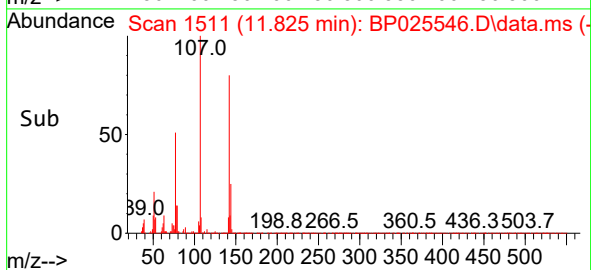
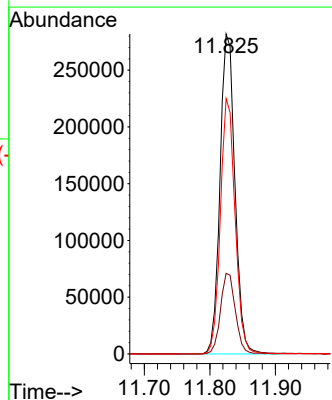
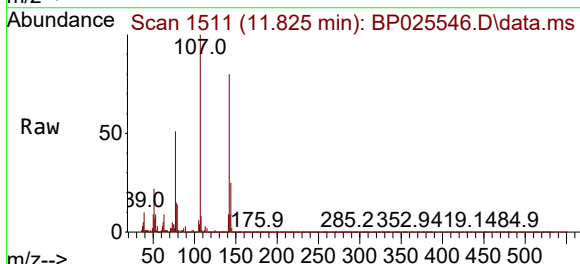
Instrument :
BNA_P
ClientSampleId :
PB169346BS

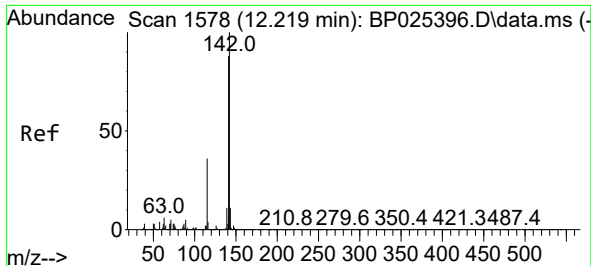
Tgt Ion:113 Resp: 142483
Ion Ratio Lower Upper
113 100
55 163.6 140.0 180.0
56 124.5 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 43.674 ng
RT: 11.825 min Scan# 1511
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:107 Resp: 443662
Ion Ratio Lower Upper
107 100
144 25.2 21.0 31.4
142 79.8 64.6 97.0

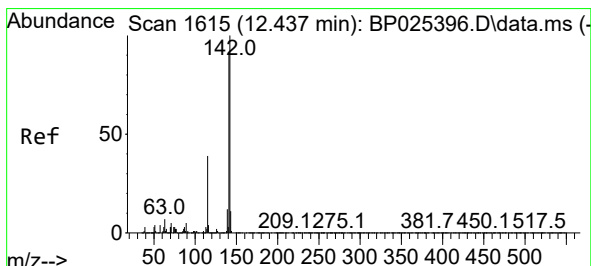
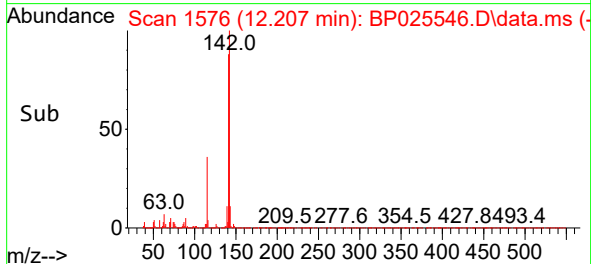
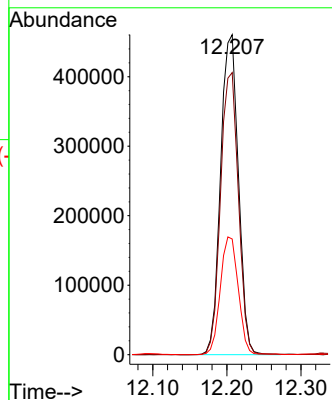
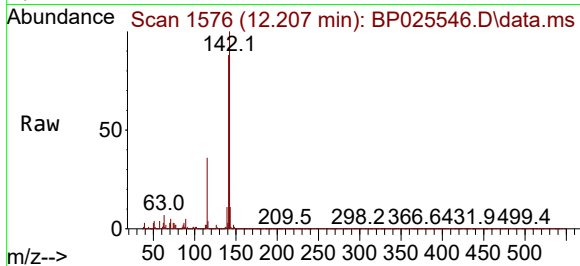




#37
2-Methylnaphthalene
Concen: 39.751 ng
RT: 12.207 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

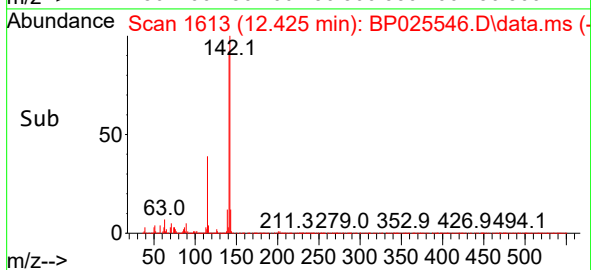
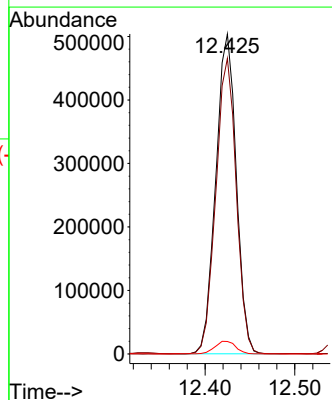
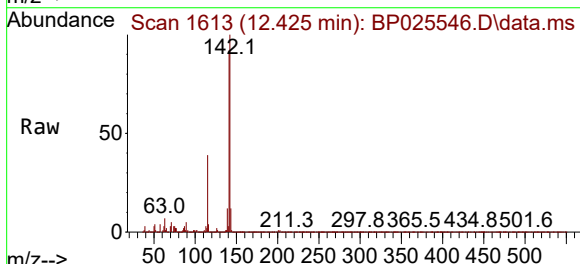
Instrument :
BNA_P
ClientSampleId :
PB169346BS

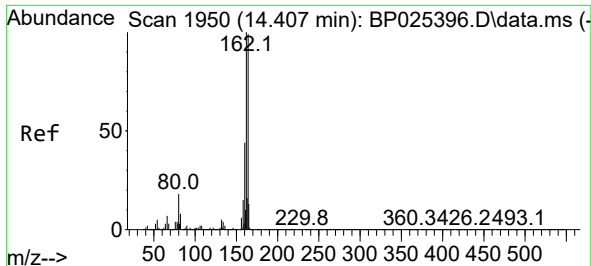
Tgt Ion:142 Resp: 768470
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5
115 36.1 28.9 43.3



#38
1-Methylnaphthalene
Concen: 38.819 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:142 Resp: 798081
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7
116 3.9 3.2 4.8

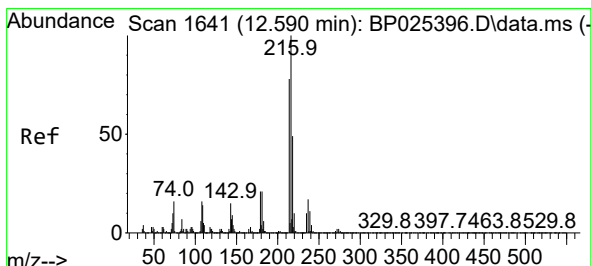
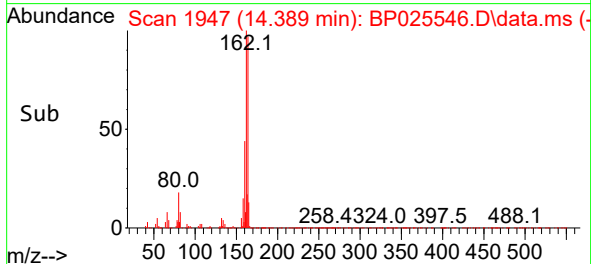
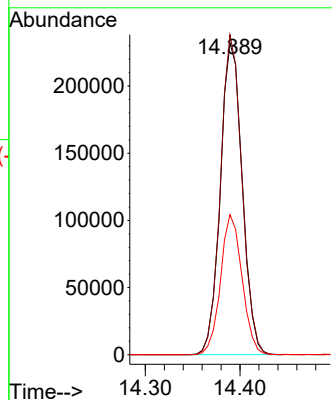
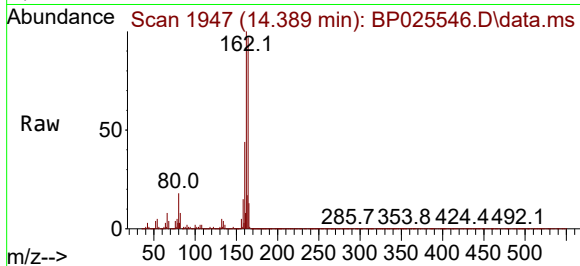




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

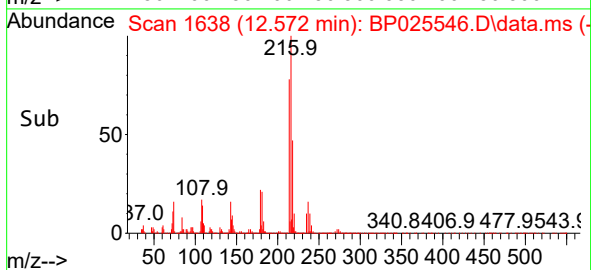
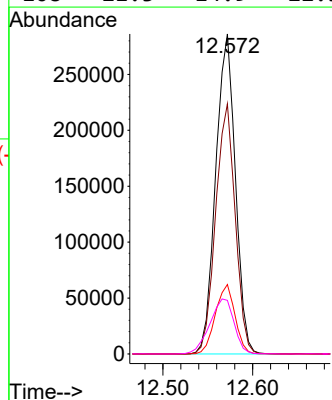
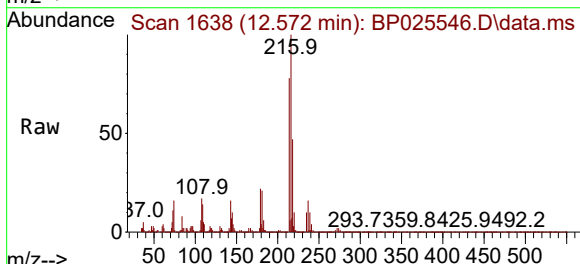
Instrument :
BNA_P
ClientSampleId :
PB169346BS

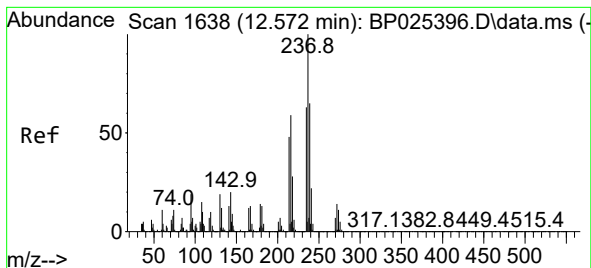
Tgt Ion:164 Resp: 373176
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.6
160 44.9 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.423 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:216 Resp: 435667
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.4
179 21.7 17.1 25.7
108 21.3 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 82.811 ng

RT: 12.554 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

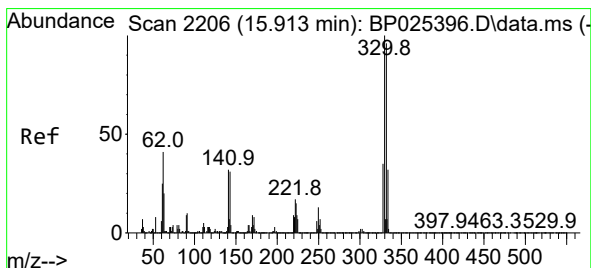
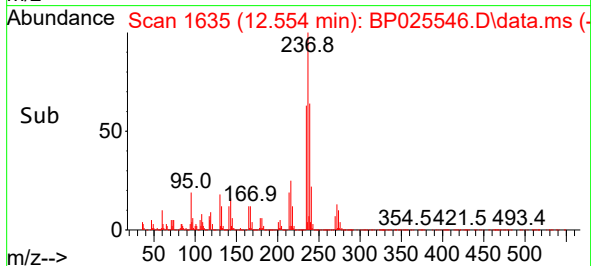
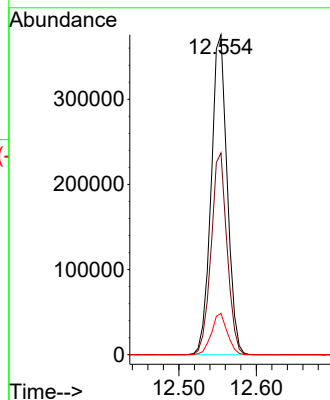
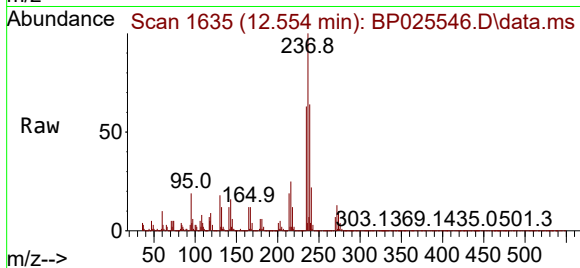
Tgt Ion:237 Resp: 539112

Ion Ratio Lower Upper

237 100

235 63.0 42.7 82.7

272 12.9 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 119.222 ng

RT: 15.907 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

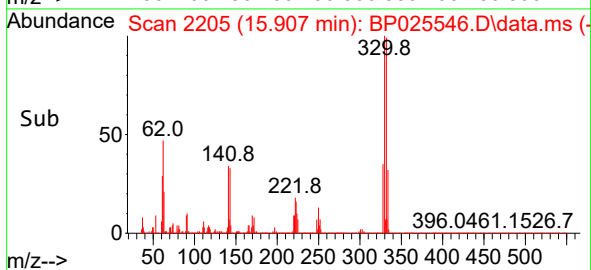
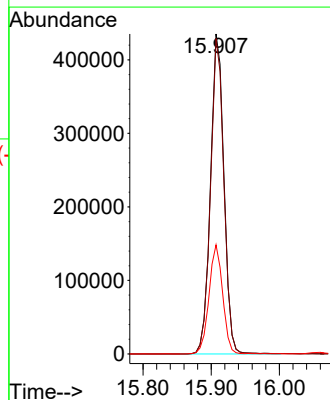
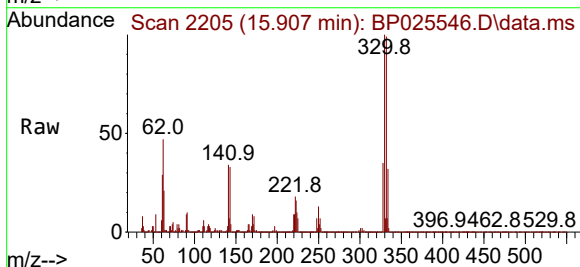
Tgt Ion:330 Resp: 598848

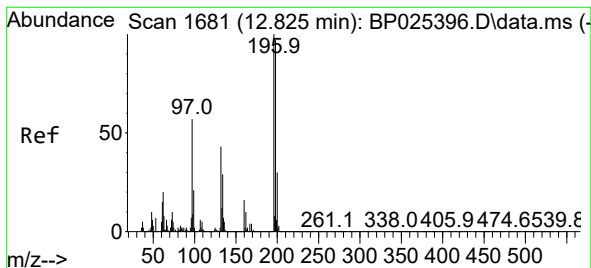
Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 34.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 43.669 ng

RT: 12.813 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

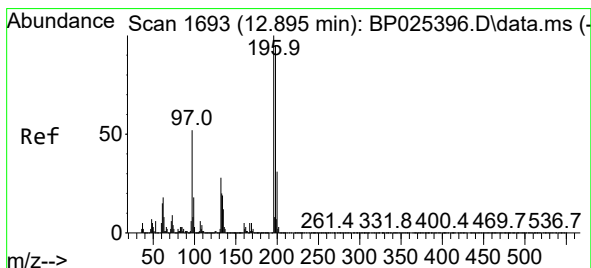
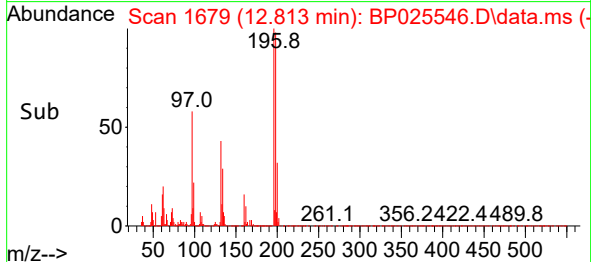
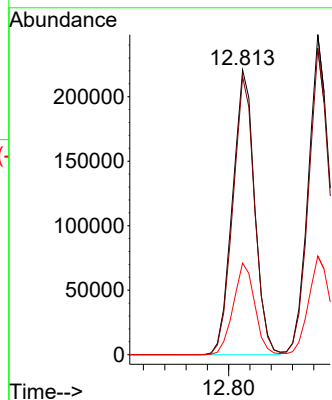
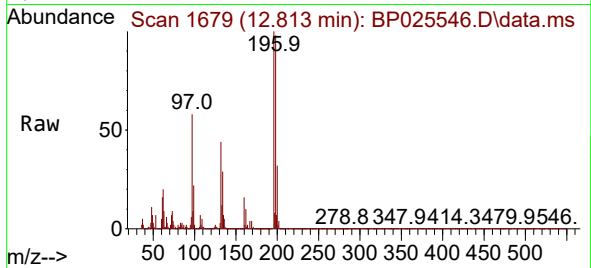
Tgt Ion:196 Resp: 317743

Ion Ratio Lower Upper

196 100

198 97.7 77.2 115.8

200 32.2 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 44.375 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.012 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Tgt Ion:196 Resp: 353867

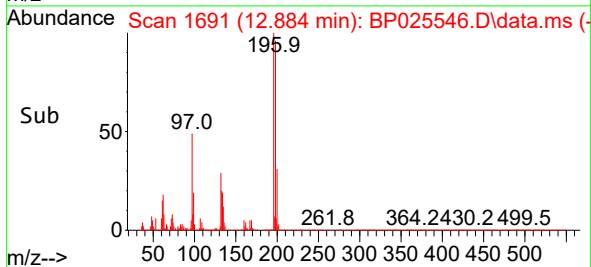
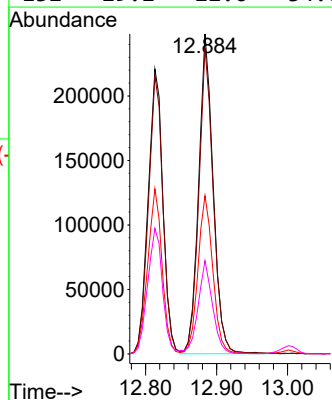
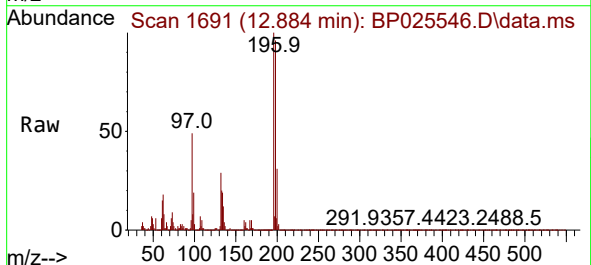
Ion Ratio Lower Upper

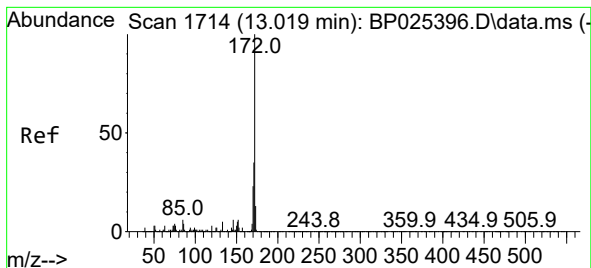
196 100

198 95.7 76.2 114.2

97 49.5 41.2 61.8

132 29.2 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 70.854 ng

RT: 13.001 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

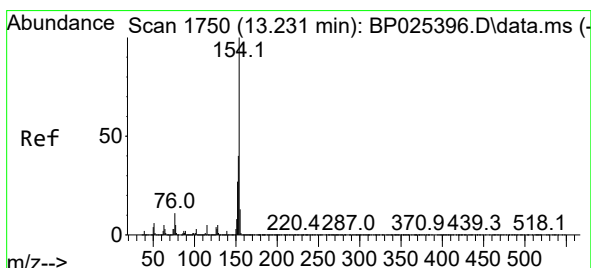
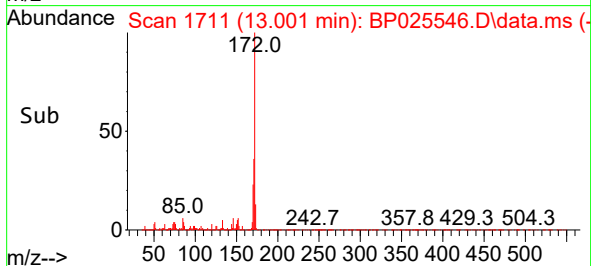
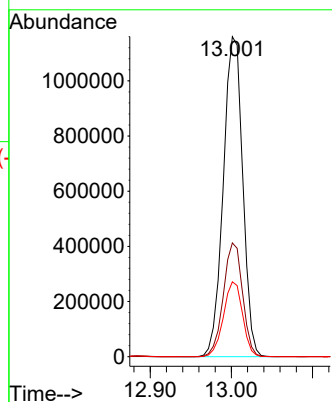
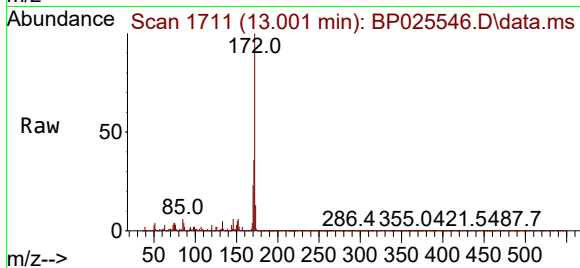
Tgt Ion:172 Resp: 1934692

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.597 ng

RT: 13.213 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

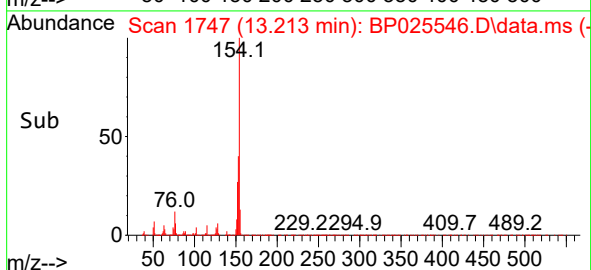
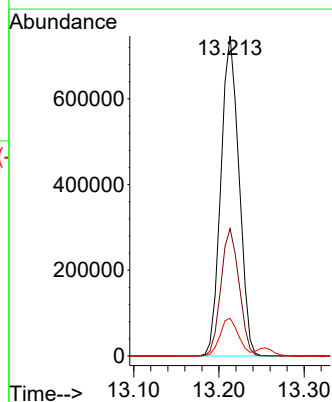
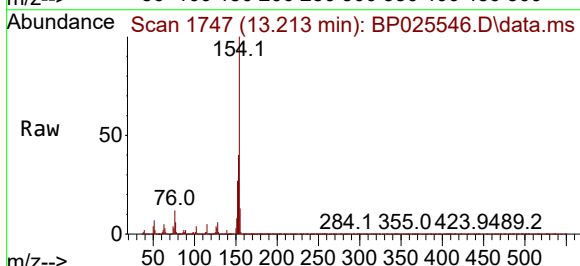
Tgt Ion:154 Resp: 1100271

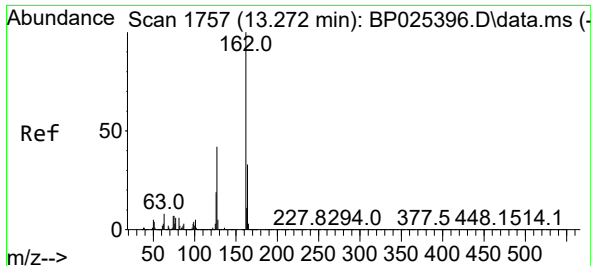
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

76 11.8 0.0 31.1

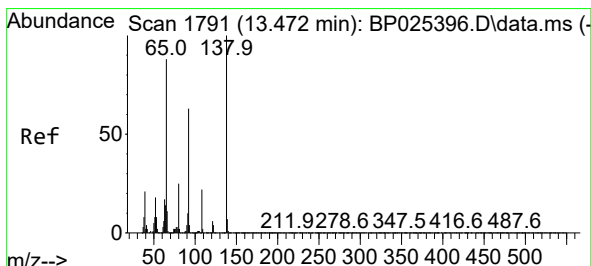
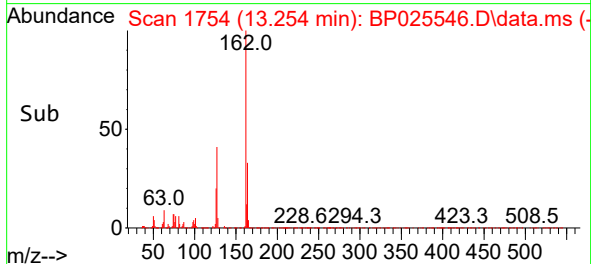
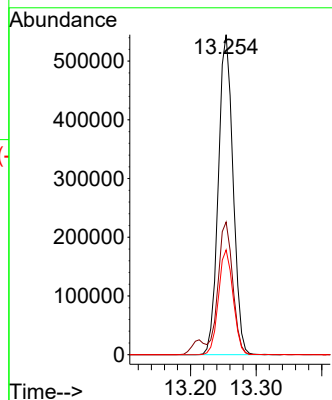
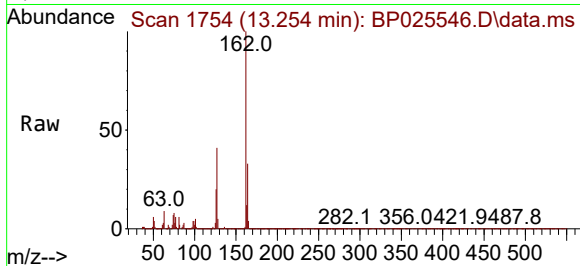




#47
2-Chloronaphthalene
Concen: 40.008 ng
RT: 13.254 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

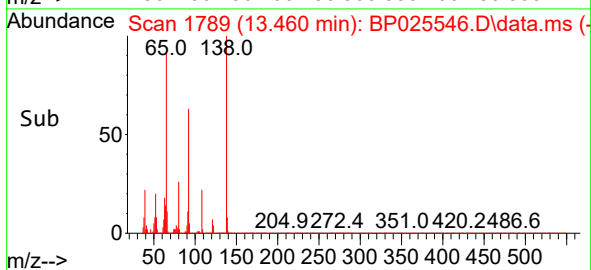
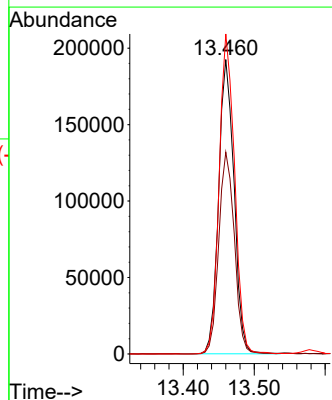
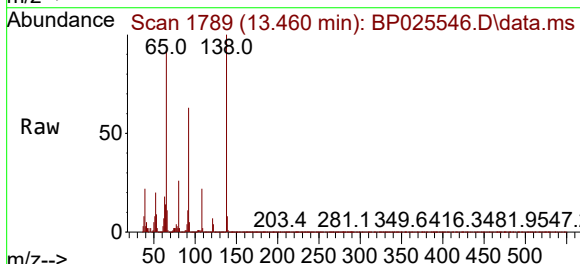
Instrument :
BNA_P
ClientSampleId :
PB169346BS

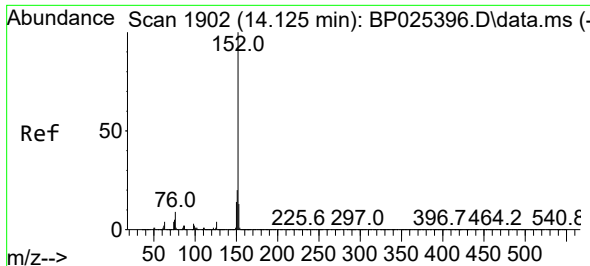
Tgt Ion:162 Resp: 844118
Ion Ratio Lower Upper
162 100
127 41.4 33.4 50.2
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 47.109 ng
RT: 13.460 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion: 65 Resp: 289613
Ion Ratio Lower Upper
65 100
92 68.6 57.6 86.4
138 108.7 91.0 136.6

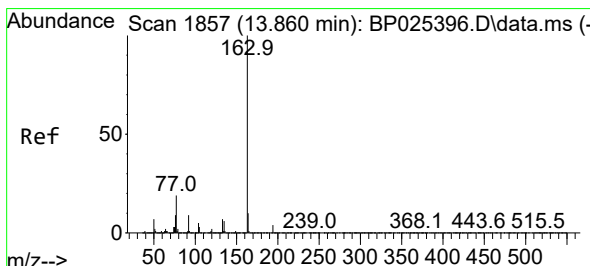
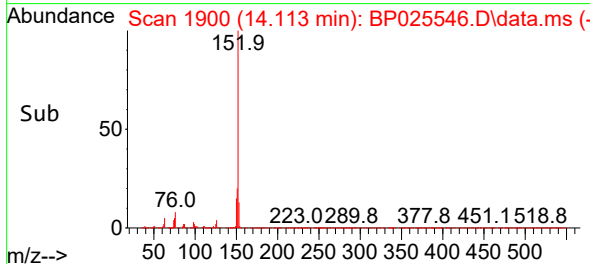
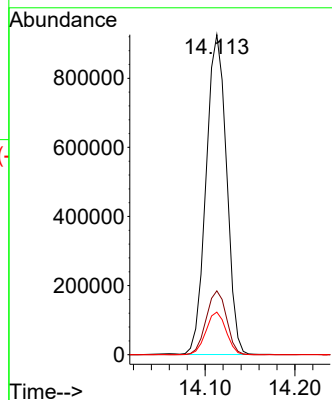
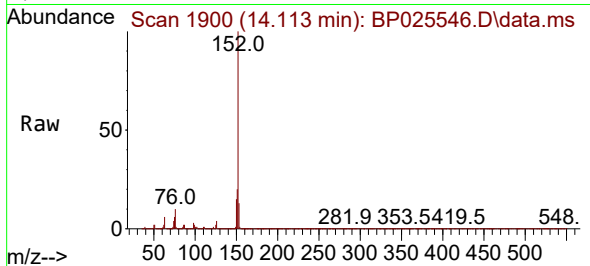




#49
Acenaphthylene
Concen: 41.919 ng
RT: 14.113 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

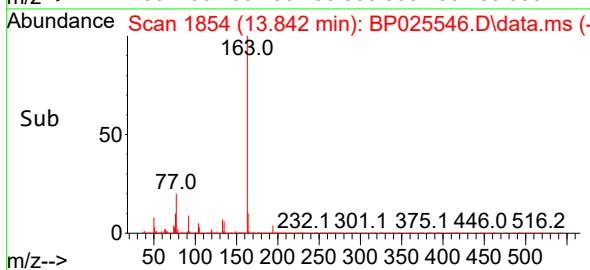
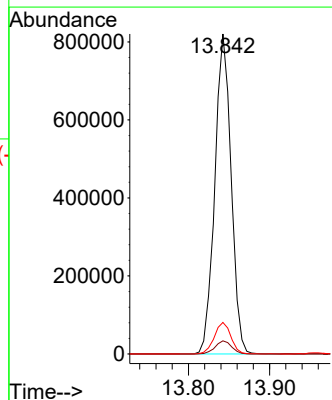
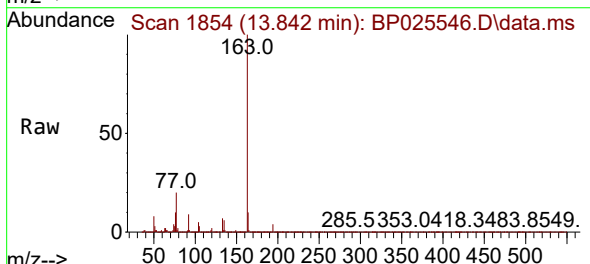
Instrument :
BNA_P
ClientSampleId :
PB169346BS

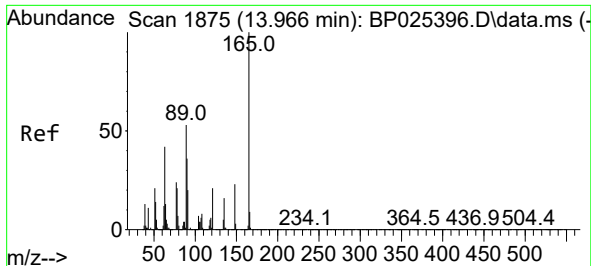
Tgt Ion:152 Resp: 1463516
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 41.905 ng
RT: 13.842 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:163 Resp: 1145148
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 7.9 11.9

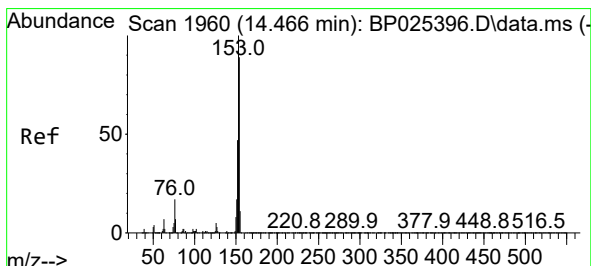
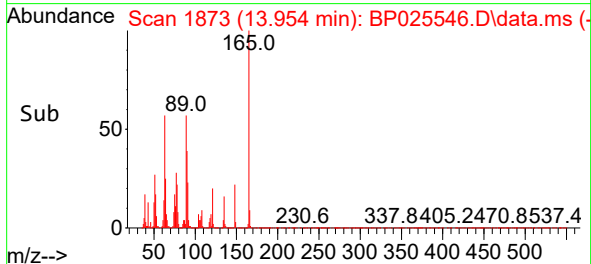
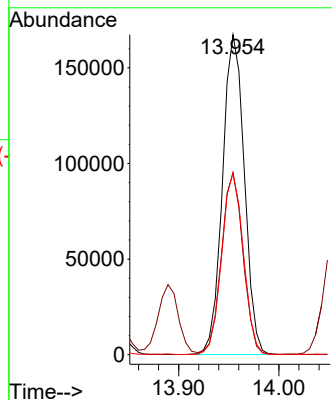
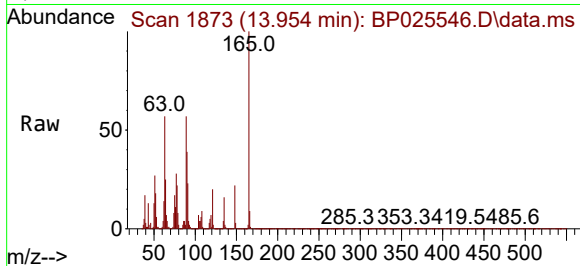




#51
2,6-Dinitrotoluene
Concen: 43.809 ng
RT: 13.954 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

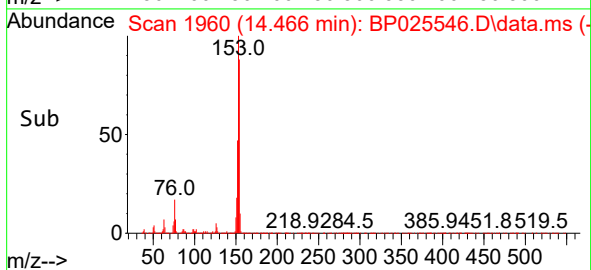
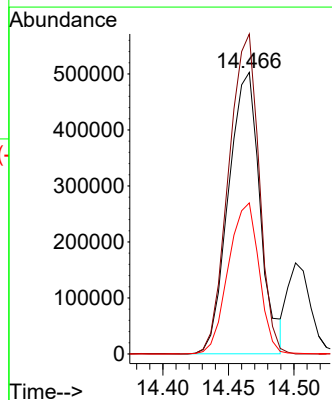
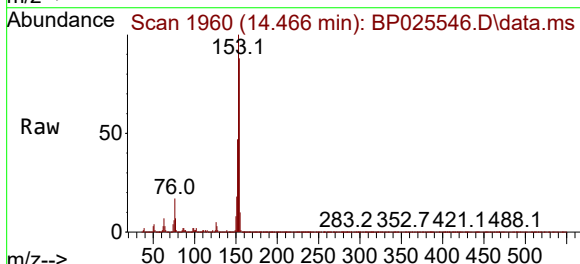
Instrument :
BNA_P
ClientSampleId :
PB169346BS

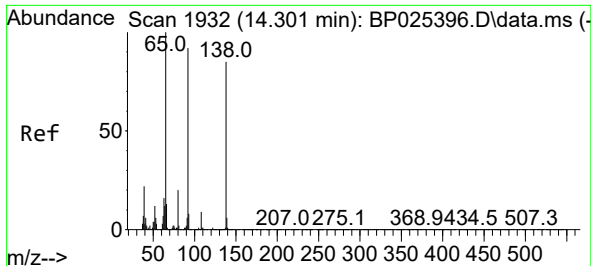
Tgt Ion:165 Resp: 252331
Ion Ratio Lower Upper
165 100
63 56.8 40.9 61.3
89 56.8 42.1 63.1



#52
Acenaphthene
Concen: 41.151 ng
RT: 14.466 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:154 Resp: 843308
Ion Ratio Lower Upper
154 100
153 113.6 90.2 135.2
152 53.6 42.1 63.1

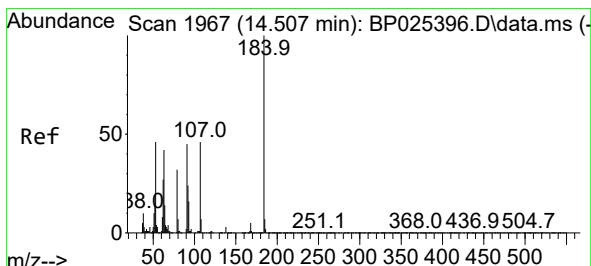
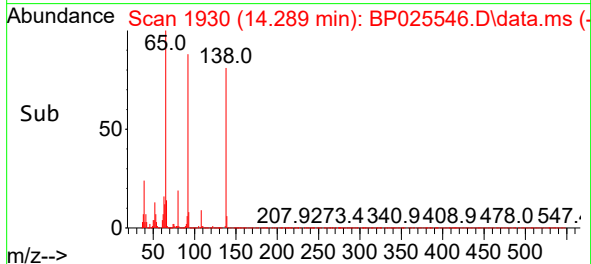
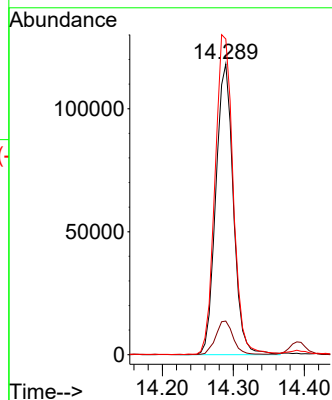
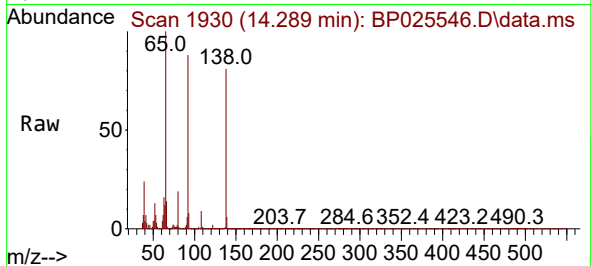




#53
3-Nitroaniline
Concen: 31.157 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

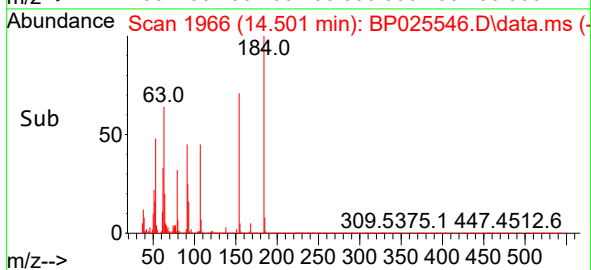
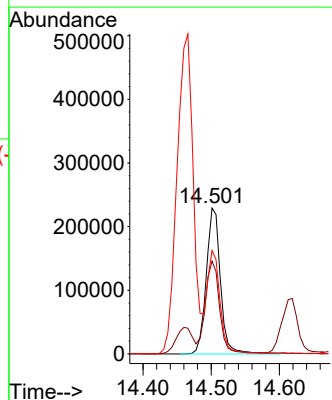
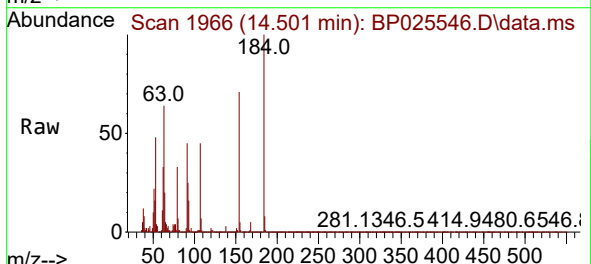
Instrument :
BNA_P
ClientSampleId :
PB169346BS

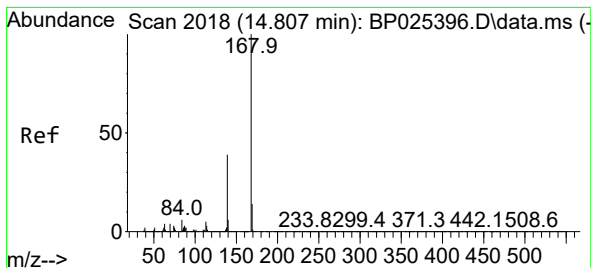
Tgt Ion:138 Resp: 201909
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 108.6 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 108.319 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:184 Resp: 333178
Ion Ratio Lower Upper
184 100
63 63.6 49.4 74.2
154 70.8 54.6 82.0





#55

Dibenzofuran

Concen: 40.878 ng

RT: 14.801 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

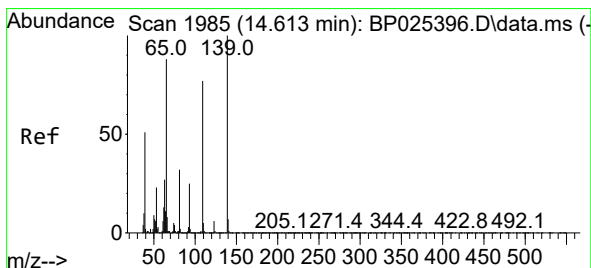
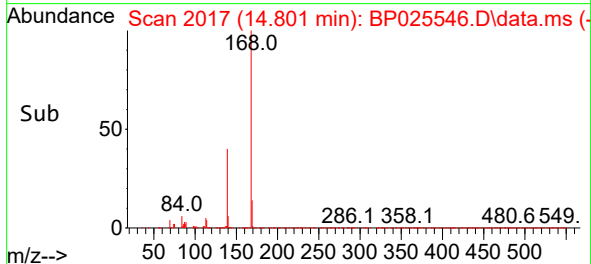
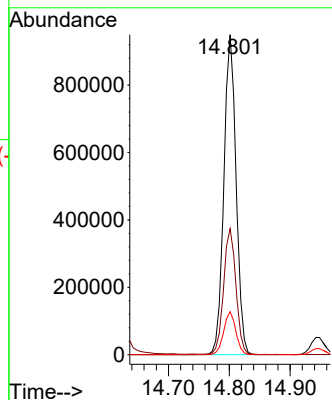
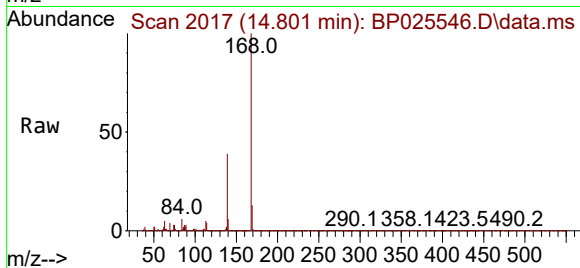
Tgt Ion:168 Resp: 1324427

Ion Ratio Lower Upper

168 100

139 39.4 31.5 47.3

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 93.500 ng

RT: 14.619 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

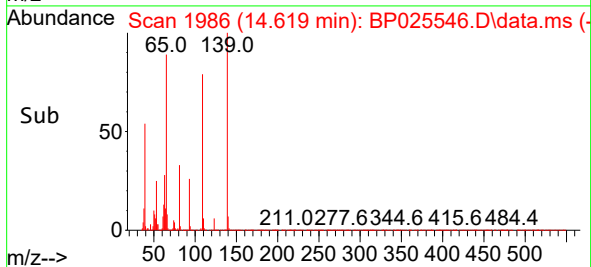
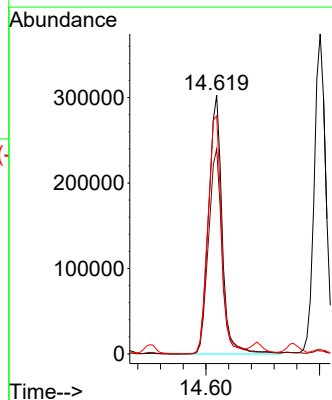
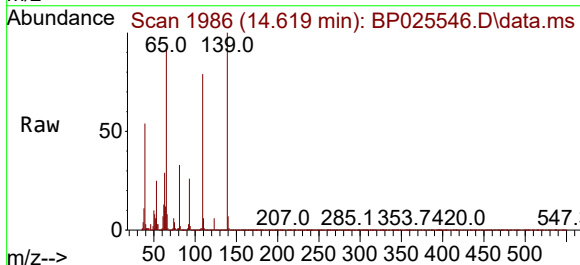
Tgt Ion:139 Resp: 497900

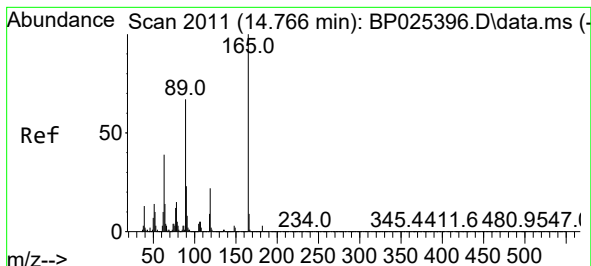
Ion Ratio Lower Upper

139 100

109 79.2 56.6 96.6

65 92.0 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 45.132 ng

RT: 14.754 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

Tgt Ion:165 Resp: 370886

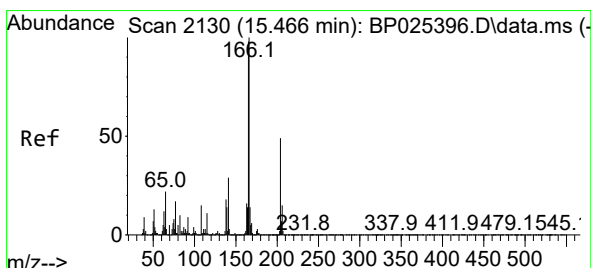
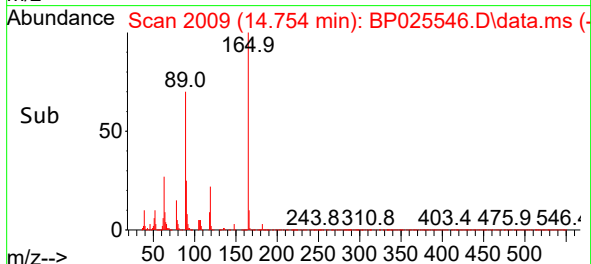
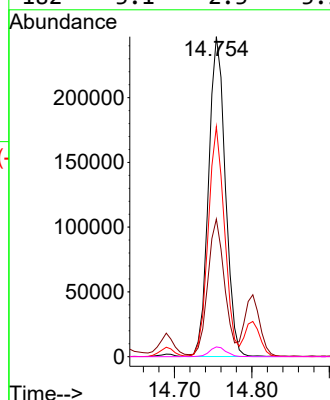
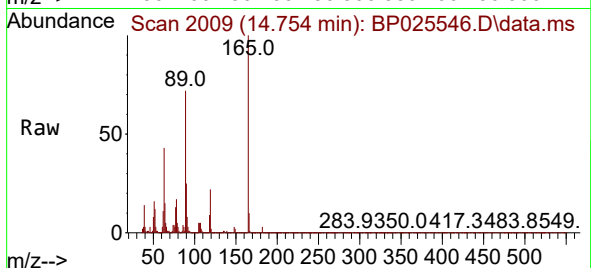
Ion Ratio Lower Upper

165 100

63 43.0 31.4 47.2

89 71.8 53.3 79.9

182 3.1 2.3 3.5



#58

Fluorene

Concen: 41.519 ng

RT: 15.460 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

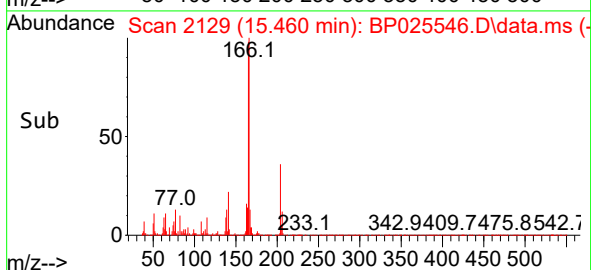
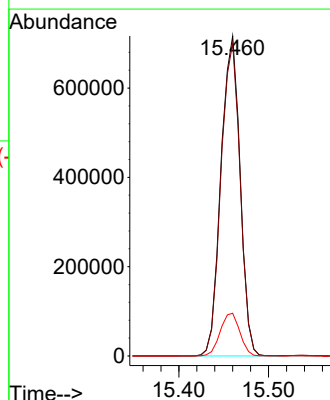
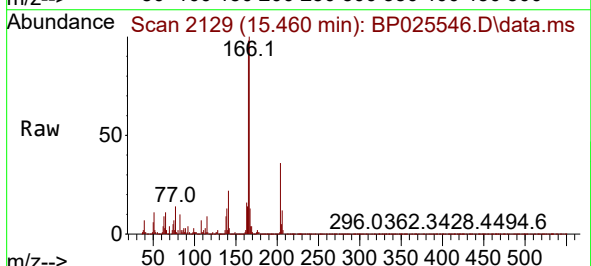
Tgt Ion:166 Resp: 1061442

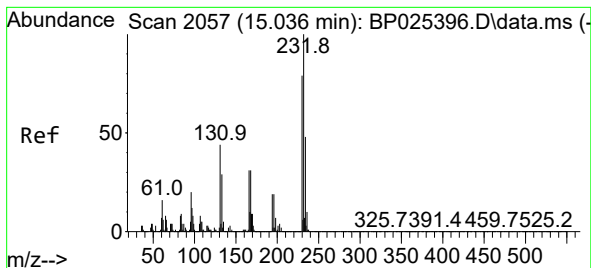
Ion Ratio Lower Upper

166 100

165 97.8 78.8 118.2

167 13.4 11.0 16.4

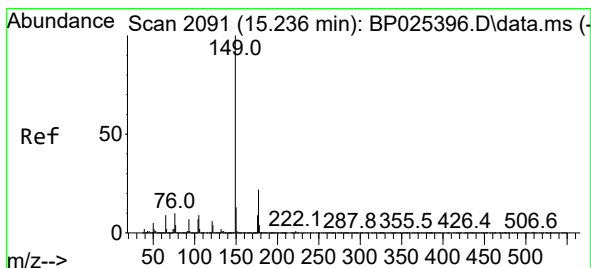
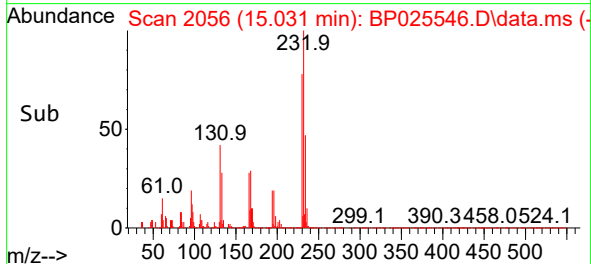
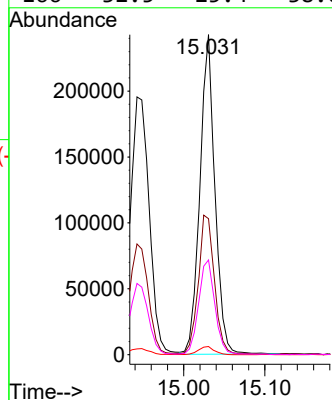
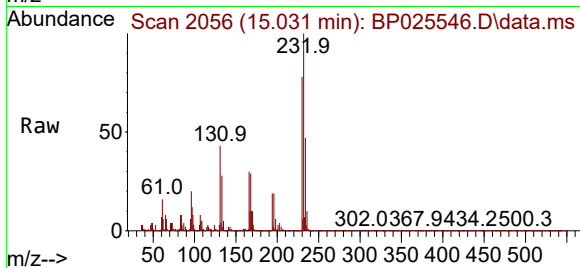




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.275 ng
RT: 15.031 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

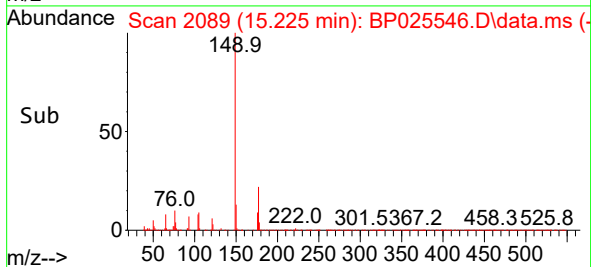
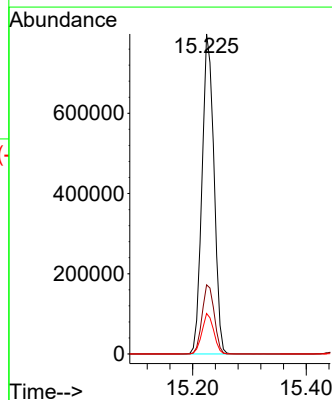
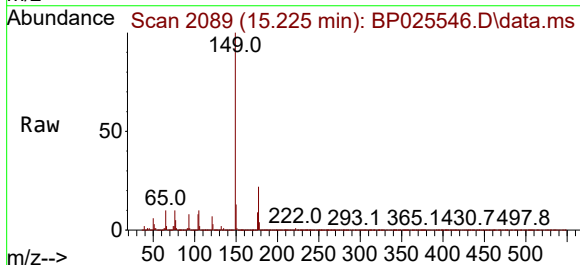
Instrument :
BNA_P
ClientSampleId :
PB169346BS

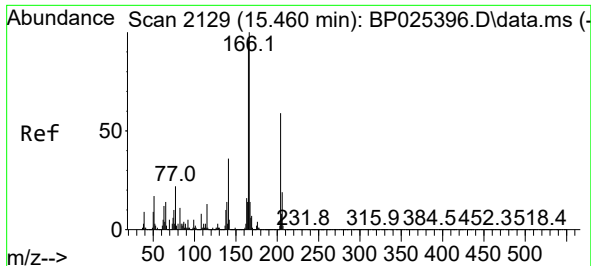
Tgt Ion:232 Resp: 311752
Ion Ratio Lower Upper
232 100
131 47.1 37.0 55.6
130 2.7 1.9 2.9
166 32.5 25.4 38.0



#60
Diethylphthalate
Concen: 41.926 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:149 Resp: 1164187
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 12.7 10.3 15.5

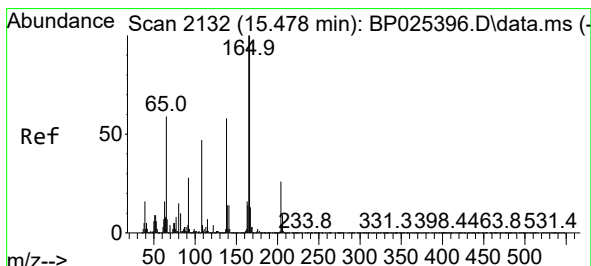
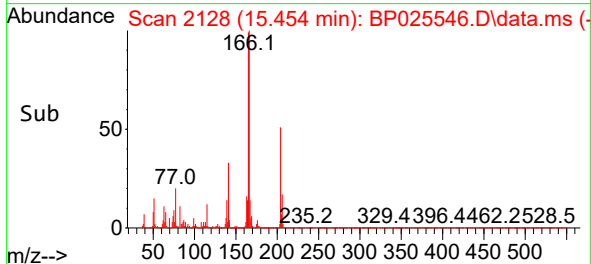
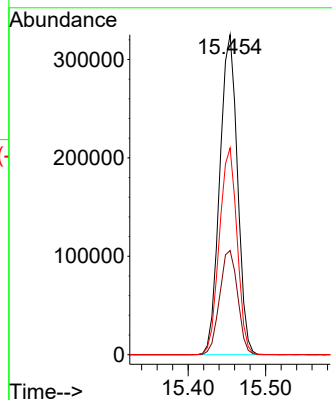
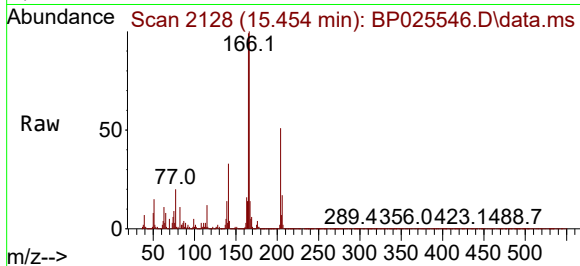




#61
4-Chlorophenyl-phenylether
Concen: 40.597 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

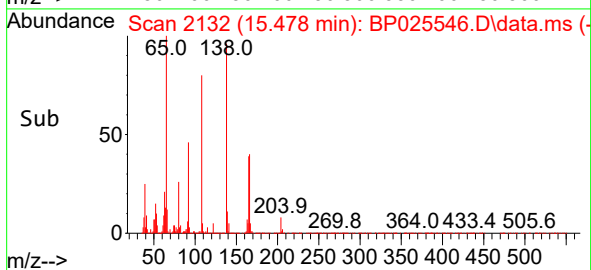
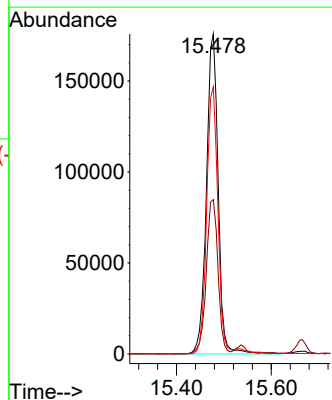
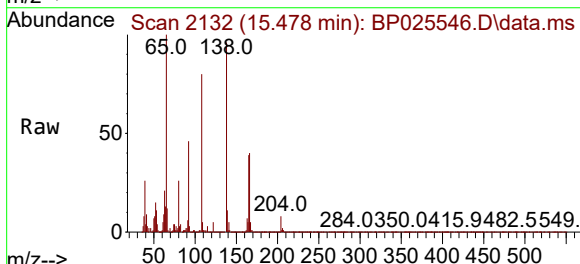
Instrument :
BNA_P
ClientSampleId :
PB169346BS

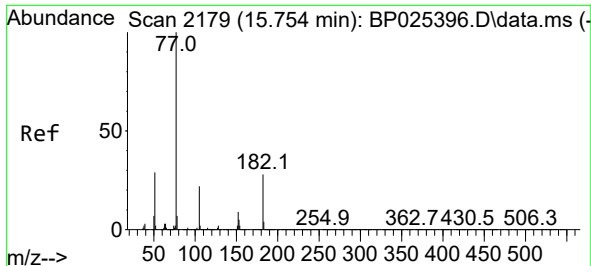
Tgt Ion:204 Resp: 516178
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 64.6 49.4 74.2



#62
4-Nitroaniline
Concen: 45.462 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:138 Resp: 302023
Ion Ratio Lower Upper
138 100
92 48.3 29.1 69.1
108 83.5 61.5 101.5



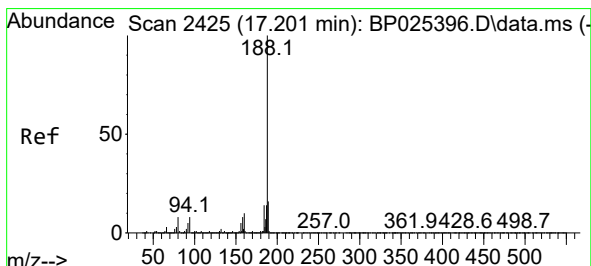
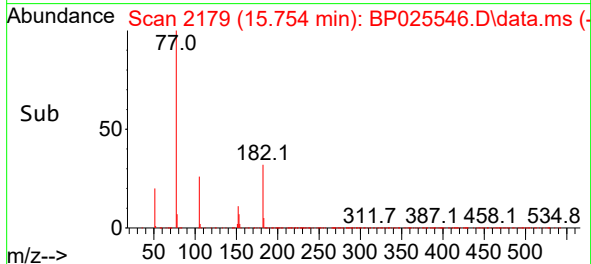
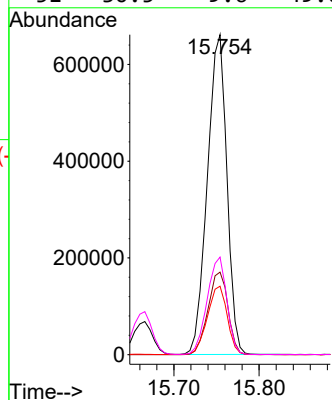
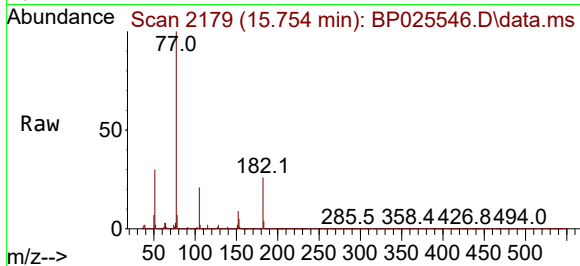


#63
Azobenzene
Concen: 44.223 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :
PB169346BS

Tgt Ion: 77 Resp: 1051445

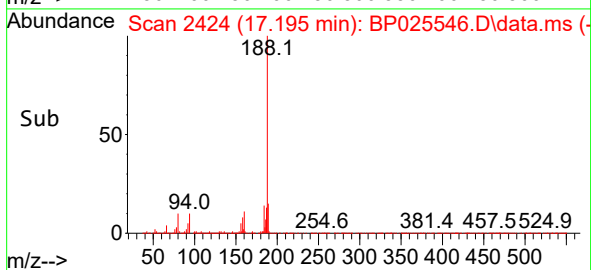
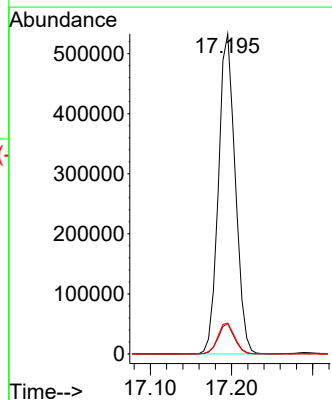
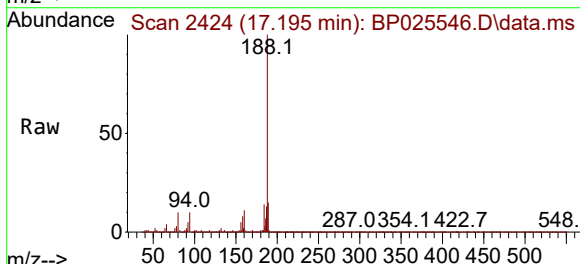
Ion	Ratio	Lower	Upper
77	100		
182	25.8	7.5	47.5
105	21.4	2.1	42.1
51	30.5	9.6	49.6

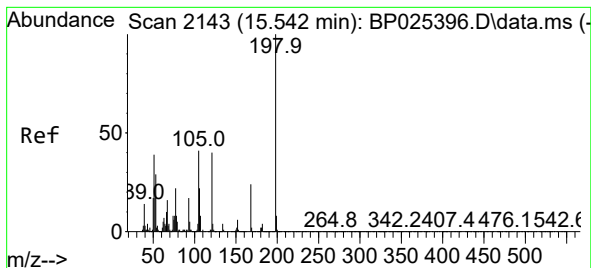


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion: 188 Resp: 768345

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.6	10.0
80	9.7	6.7	10.1

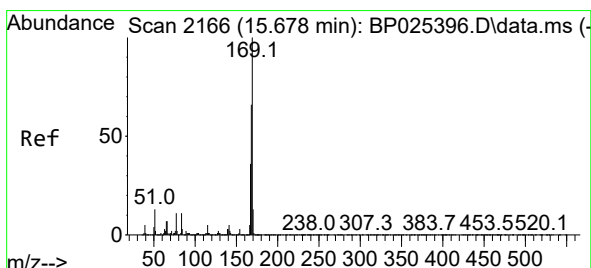
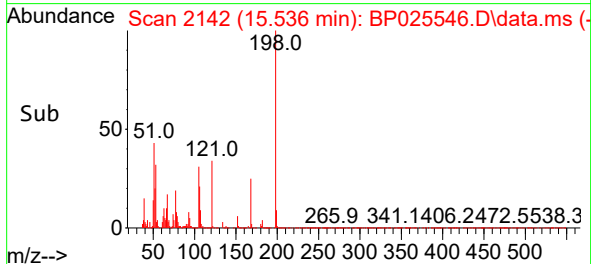
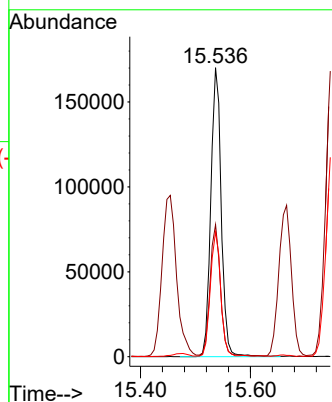
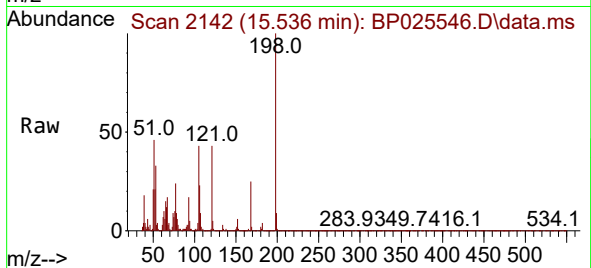




#65
4,6-Dinitro-2-methylphenol
Concen: 46.624 ng
RT: 15.536 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

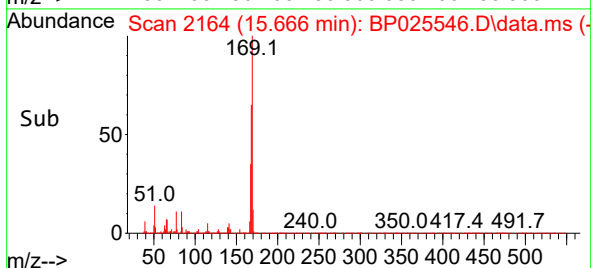
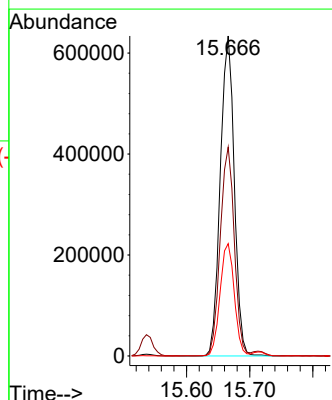
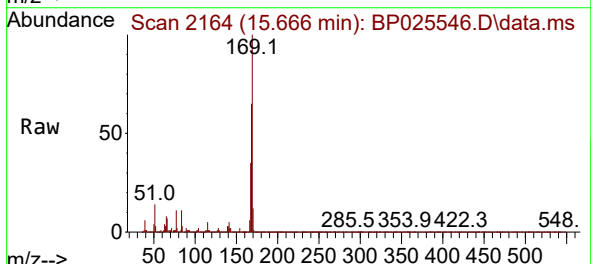
Instrument :
BNA_P
ClientSampleId :
PB169346BS

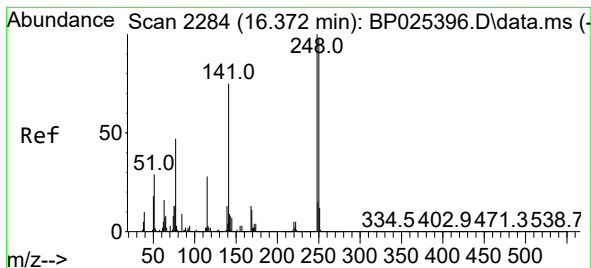
Tgt Ion:198 Resp: 223305
Ion Ratio Lower Upper
198 100
51 45.7 19.6 59.6
105 43.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 41.711 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:169 Resp: 977294
Ion Ratio Lower Upper
169 100
168 65.2 53.2 79.8
167 35.1 28.7 43.1

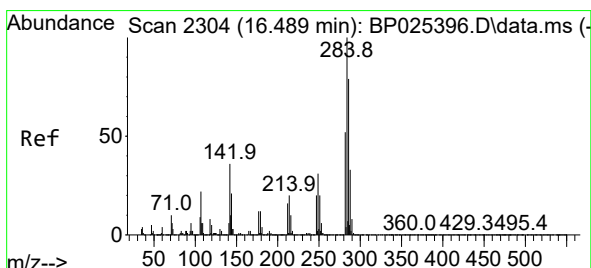
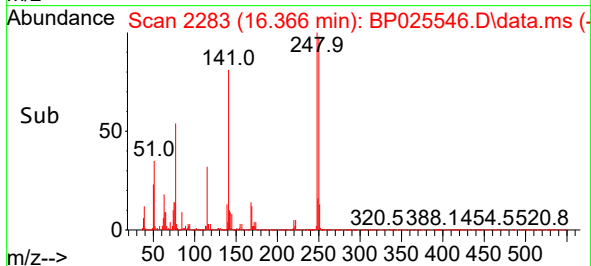
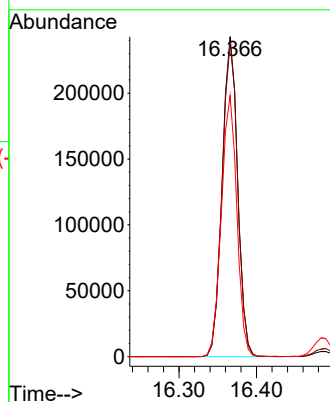
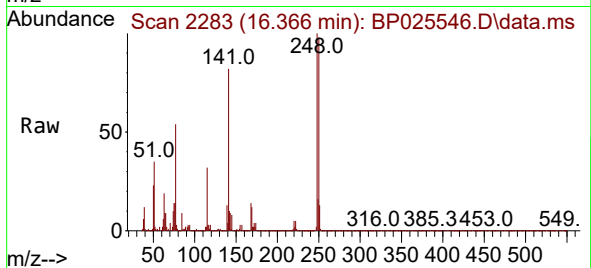




#67
4-Bromophenyl-phenylether
Concen: 39.866 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

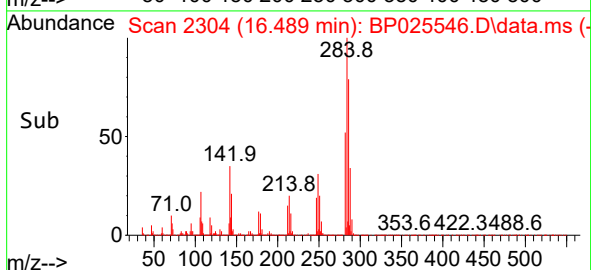
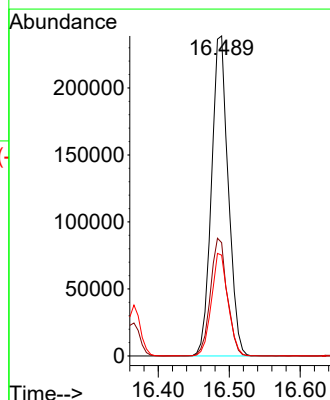
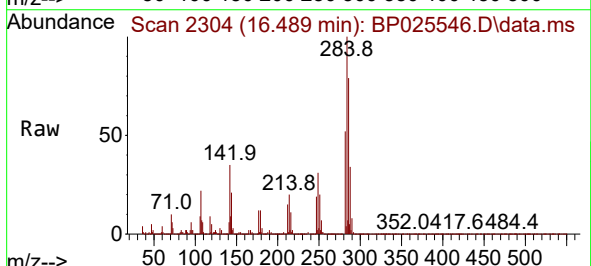
Instrument :
BNA_P
ClientSampleId :
PB169346BS

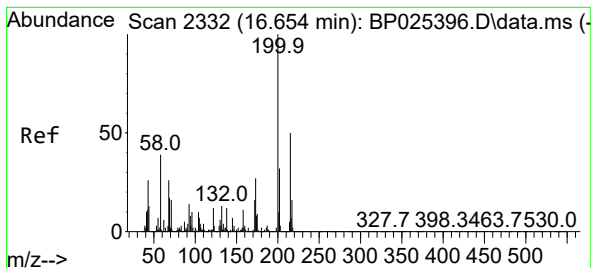
Tgt Ion:248 Resp: 336882
Ion Ratio Lower Upper
248 100
250 98.1 78.2 117.2
141 81.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 39.988 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:284 Resp: 391710
Ion Ratio Lower Upper
284 100
142 35.4 29.1 43.7
249 31.5 25.0 37.4





#69

Atrazine

Concen: 42.315 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

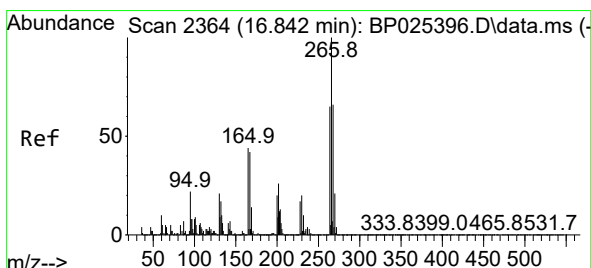
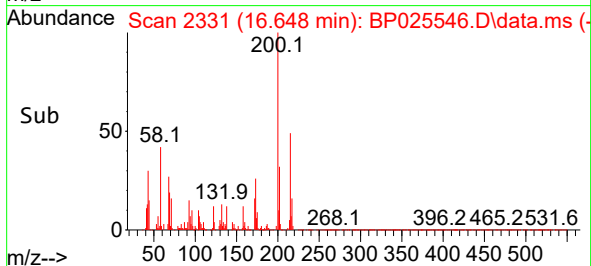
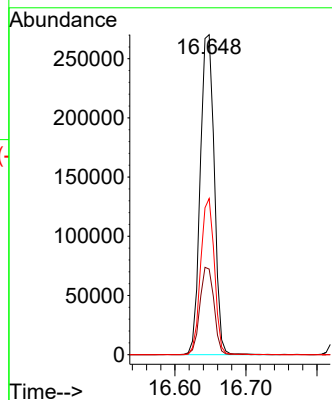
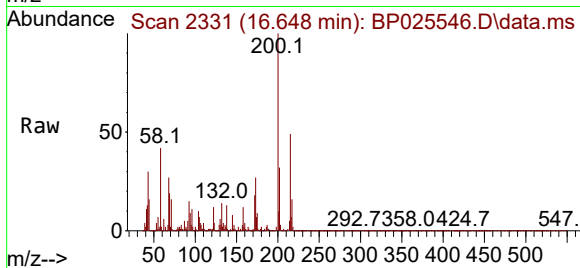
Tgt Ion:200 Resp: 371296

Ion Ratio Lower Upper

200 100

173 26.8 6.7 46.7

215 48.8 29.7 69.7



#70

Pentachlorophenol

Concen: 89.698 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

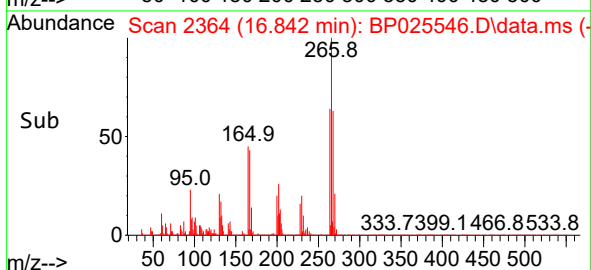
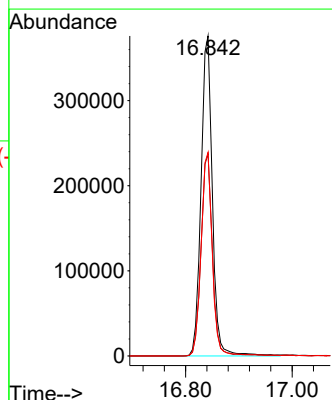
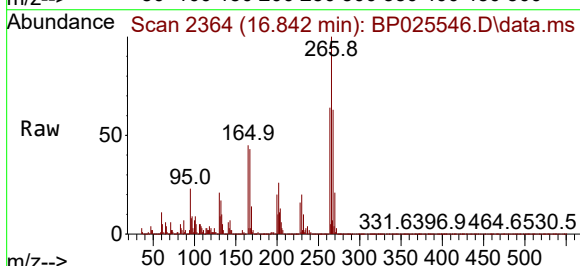
Tgt Ion:266 Resp: 554655

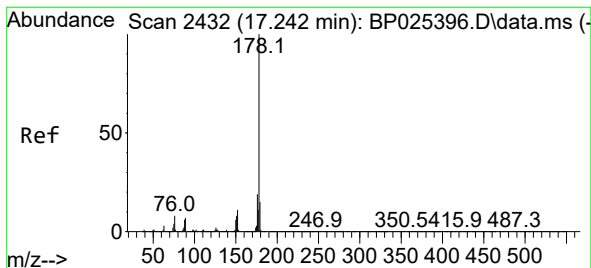
Ion Ratio Lower Upper

266 100

268 63.2 52.6 79.0

264 63.6 52.0 78.0





#71

Phenanthrene

Concen: 41.569 ng

RT: 17.236 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

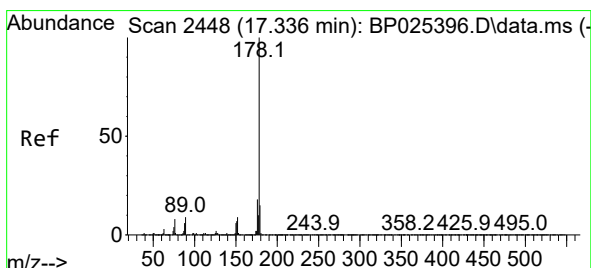
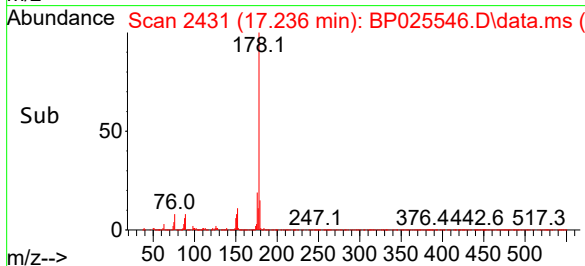
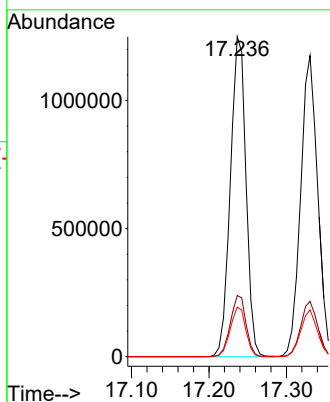
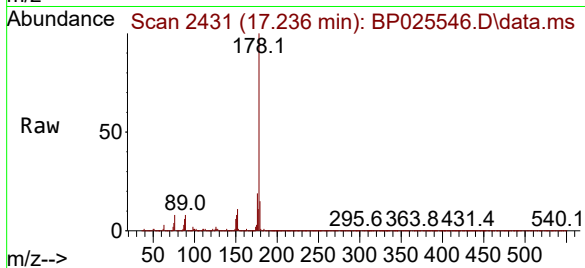
Tgt Ion:178 Resp: 1754542

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.5 12.2 18.4



#72

Anthracene

Concen: 41.691 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

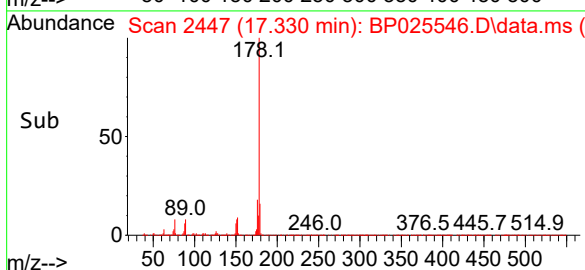
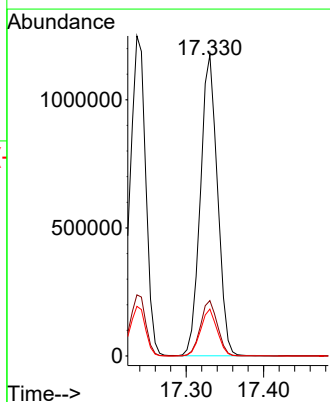
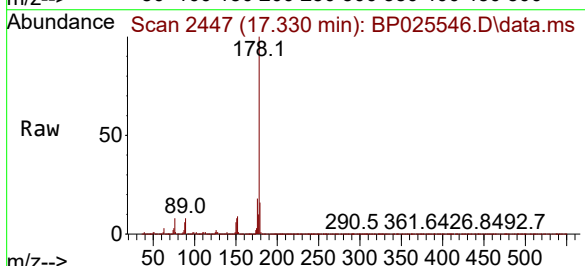
Tgt Ion:178 Resp: 1796992

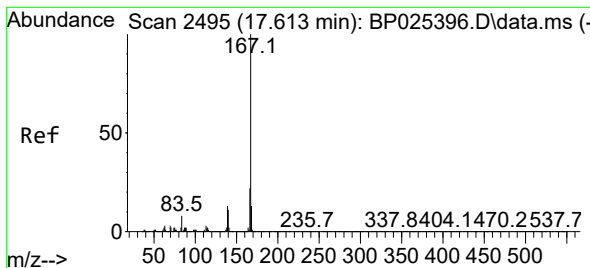
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.5 12.2 18.2





#73

Carbazole

Concen: 43.942 ng

RT: 17.607 min Scan# 2495

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

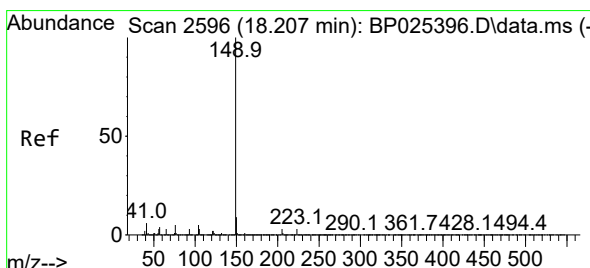
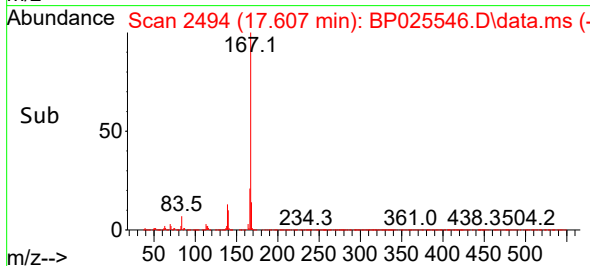
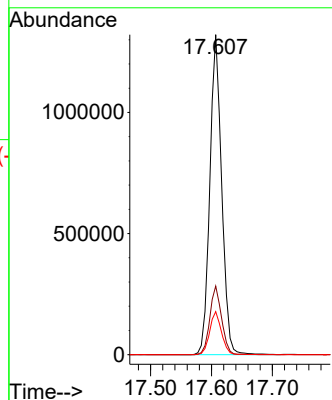
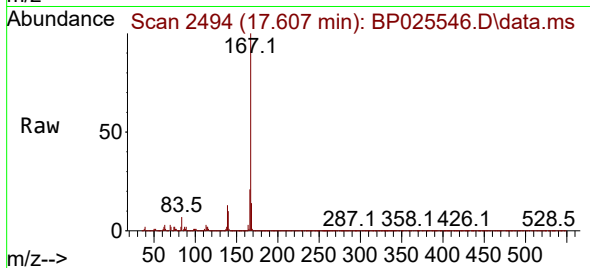
Tgt Ion:167 Resp: 1783989

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.829 ng

RT: 18.201 min Scan# 2595

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

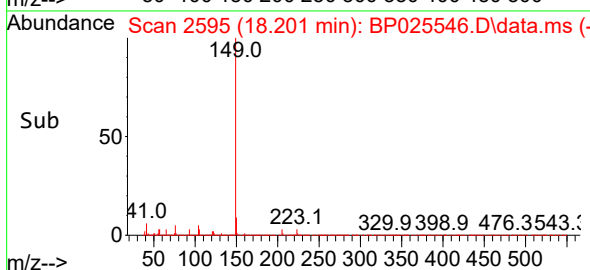
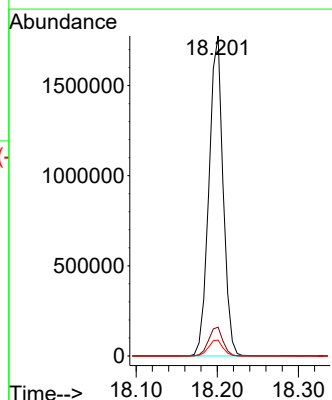
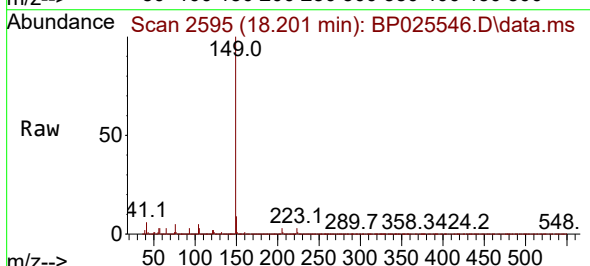
Tgt Ion:149 Resp: 2139319

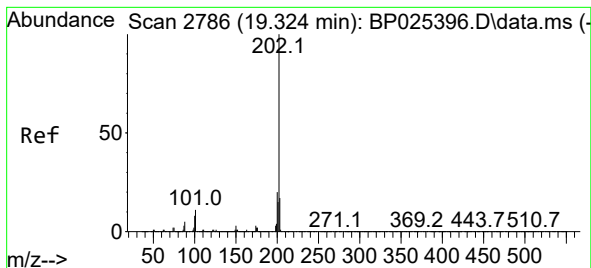
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 42.083 ng

RT: 19.324 min Scan# 2118741

Delta R.T. 0.000 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

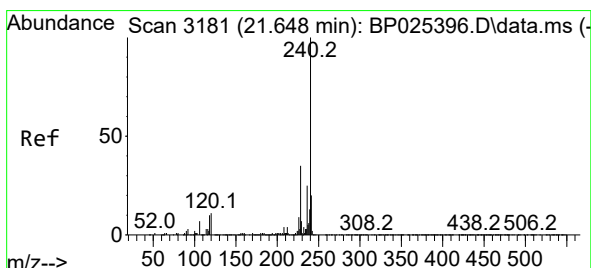
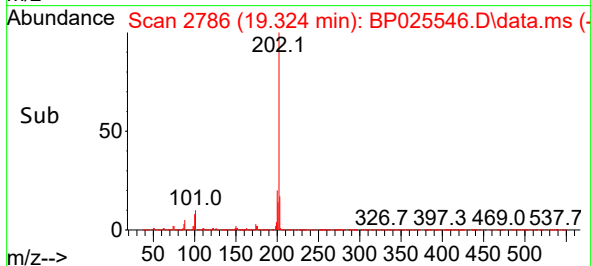
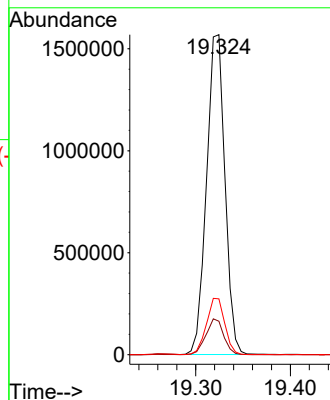
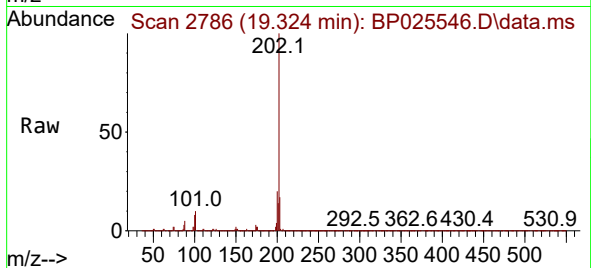
Tgt Ion:202 Resp: 2118741

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.1

203 17.5 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

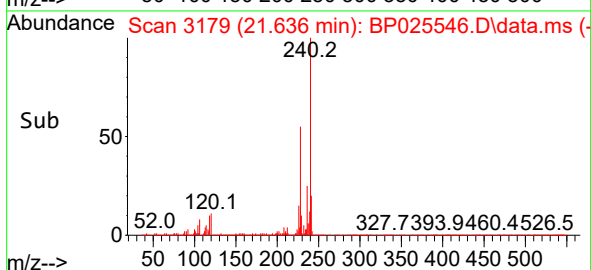
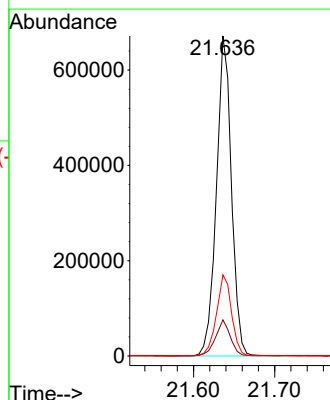
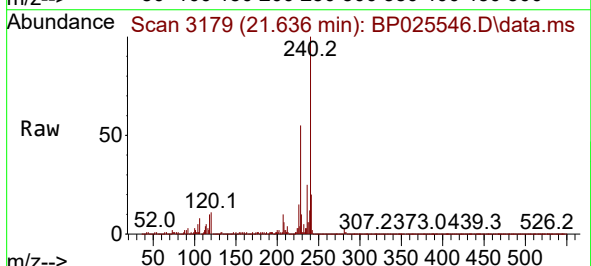
Tgt Ion:240 Resp: 863932

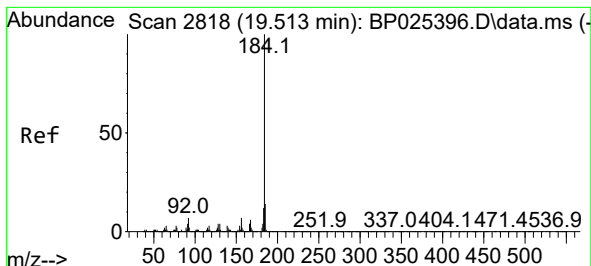
Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.3 19.8 29.8





#77

Benzidine

Concen: 45.178 ng

RT: 19.507 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

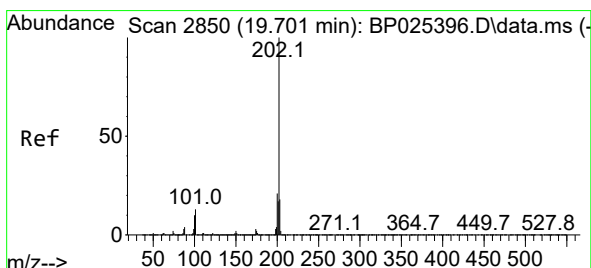
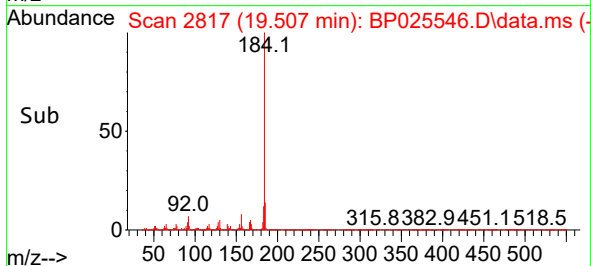
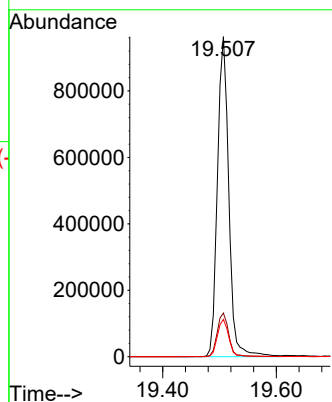
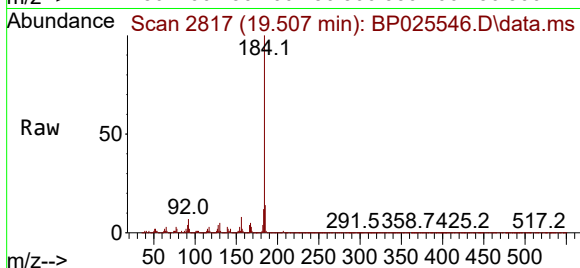
Tgt Ion:184 Resp: 1332025

Ion Ratio Lower Upper

184 100

185 13.6 11.5 17.3

183 11.7 9.4 14.2



#78

Pyrene

Concen: 40.743 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

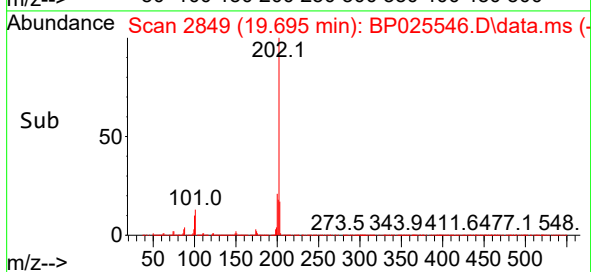
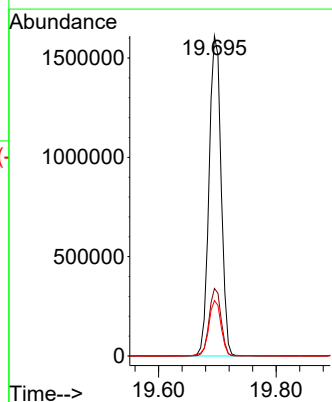
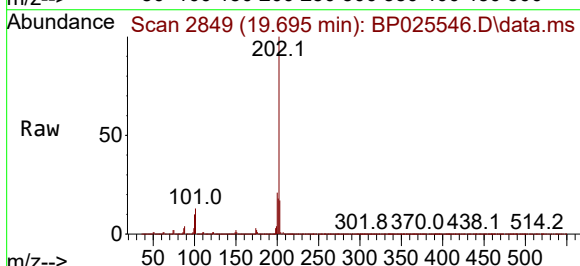
Tgt Ion:202 Resp: 2287831

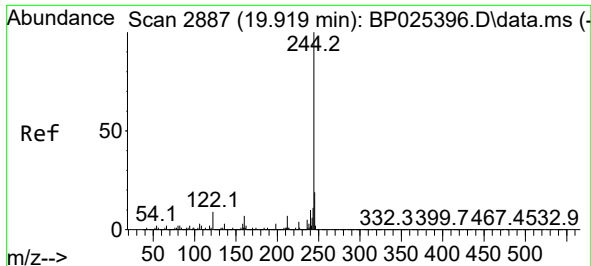
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.3 14.2 21.2

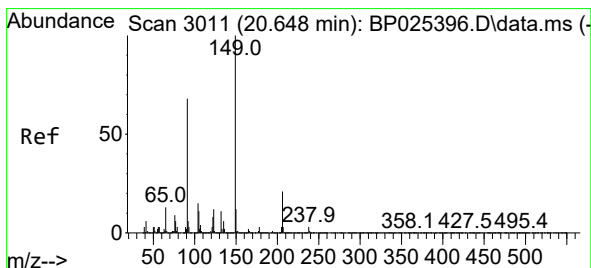
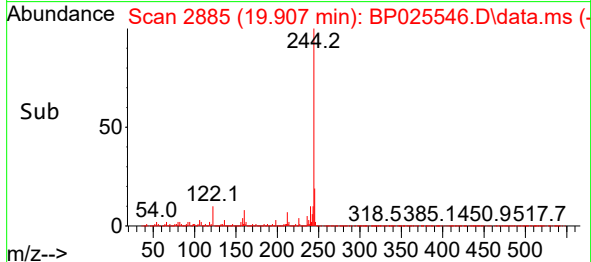
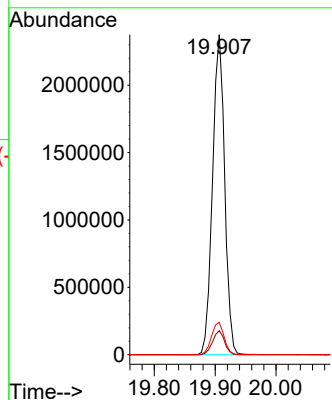
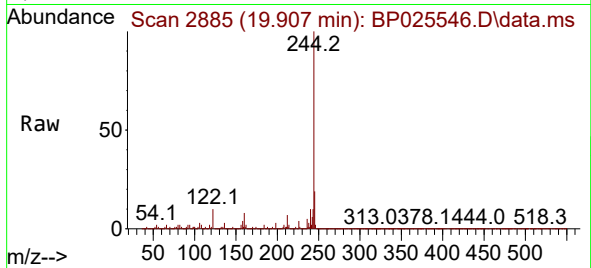




#79
 Terphenyl-d14
 Concen: 69.510 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025546.D
 Acq: 22 Aug 2025 12:47

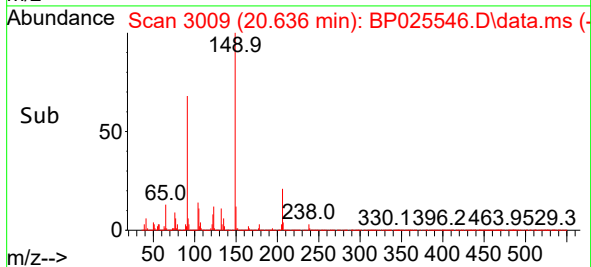
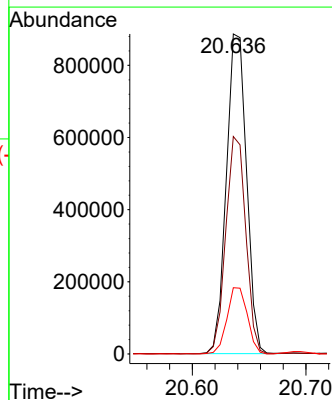
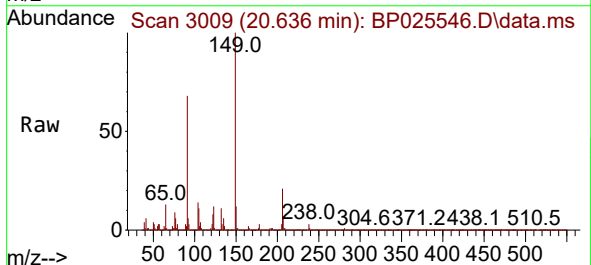
Instrument :
 BNA_P
 ClientSampleId :
 PB169346BS

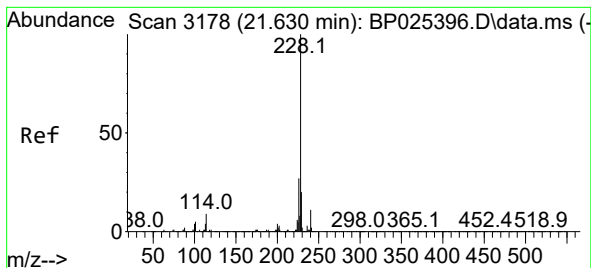
Tgt Ion:244 Resp: 3282278
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 10.1 7.4 11.2



#80
 Butylbenzylphthalate
 Concen: 42.995 ng
 RT: 20.636 min Scan# 3009
 Delta R.T. -0.012 min
 Lab File: BP025546.D
 Acq: 22 Aug 2025 12:47

Tgt Ion:149 Resp: 1094178
 Ion Ratio Lower Upper
 149 100
 91 68.0 54.2 81.2
 206 20.7 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.404 ng

RT: 21.618 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

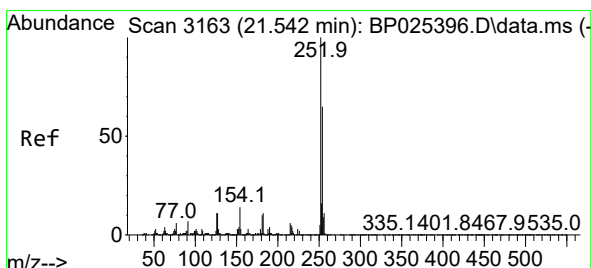
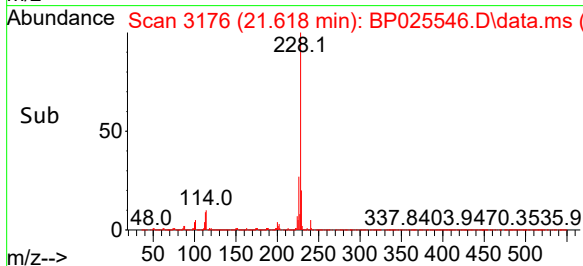
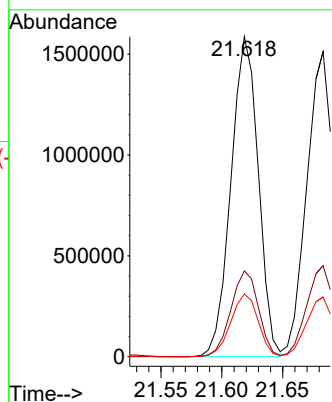
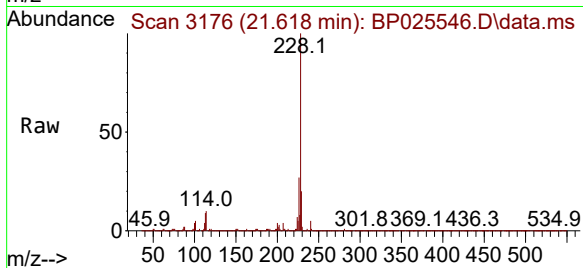
Tgt Ion:228 Resp: 2473020

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 30.884 ng

RT: 21.524 min Scan# 3160

Delta R.T. -0.018 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

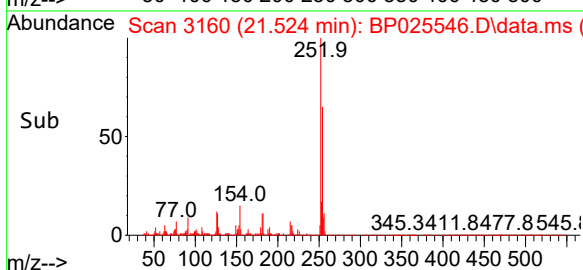
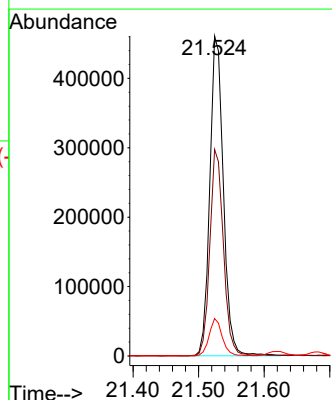
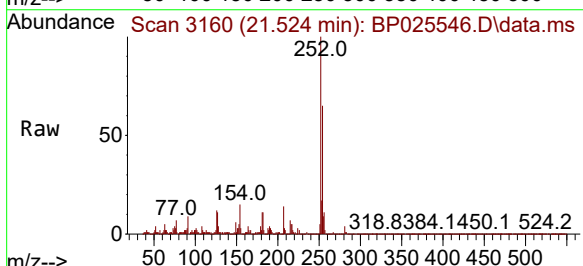
Tgt Ion:252 Resp: 663257

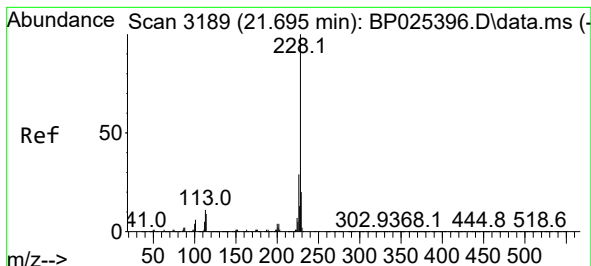
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 11.7 9.1 13.7





#83

Chrysene

Concen: 43.865 ng

RT: 21.683 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

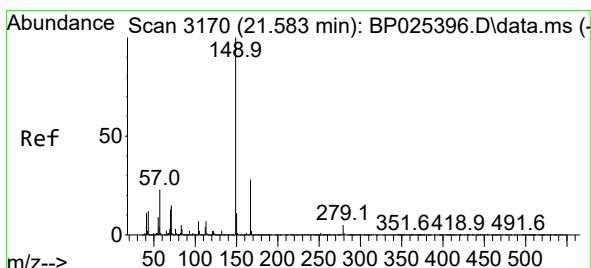
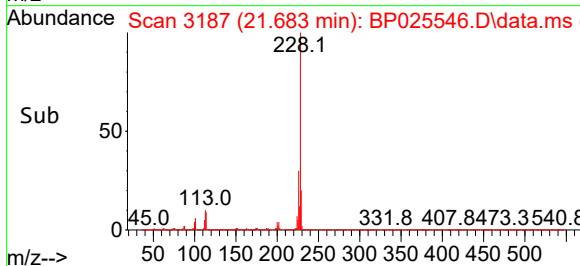
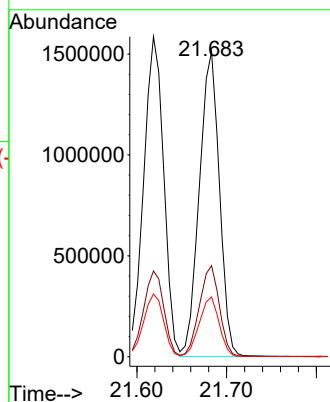
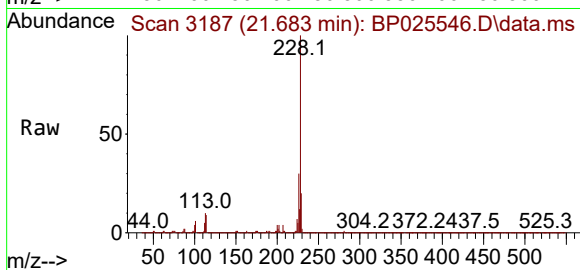
Tgt Ion:228 Resp: 2340594

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.455 ng

RT: 21.548 min Scan# 3164

Delta R.T. -0.035 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

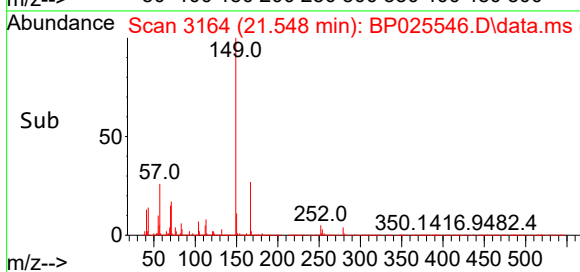
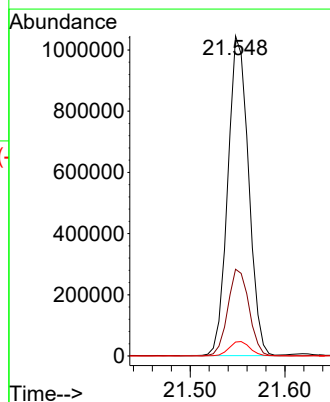
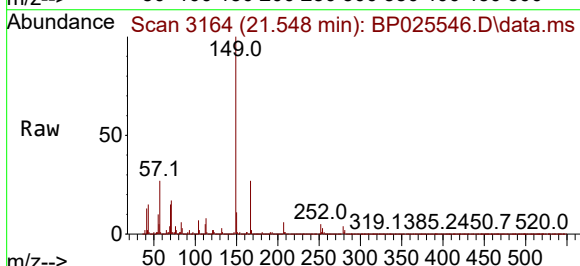
Tgt Ion:149 Resp: 1590453

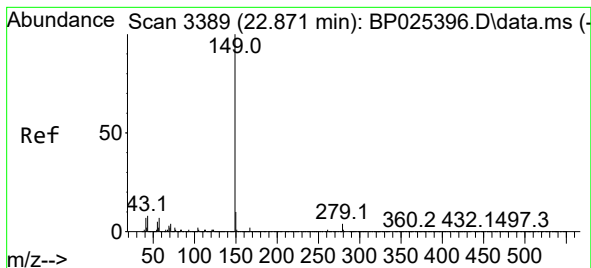
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 4.3 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 47.282 ng

RT: 22.836 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

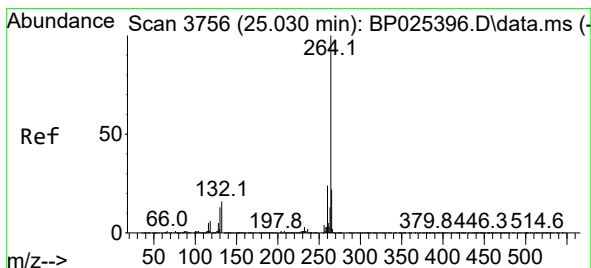
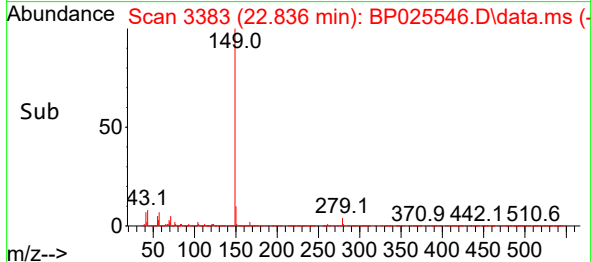
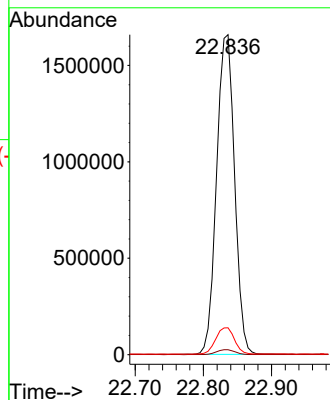
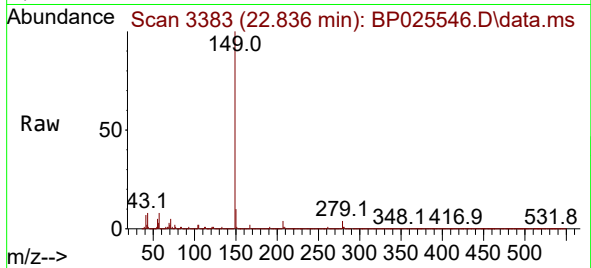
Tgt Ion:149 Resp: 3046713

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.024 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

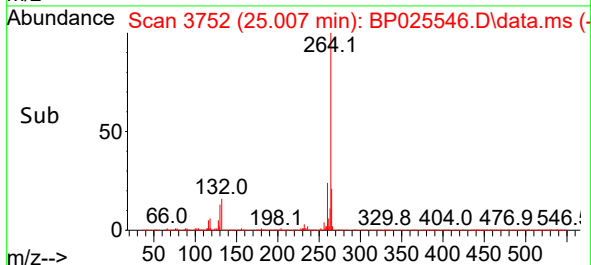
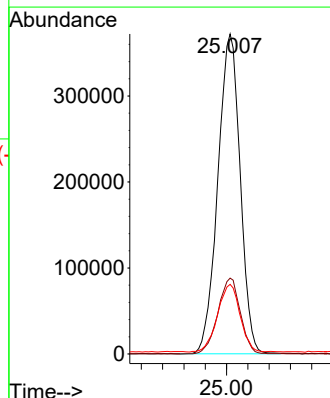
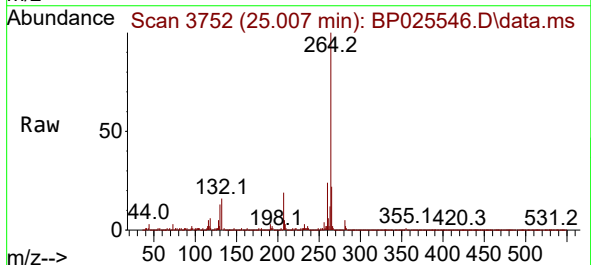
Tgt Ion:264 Resp: 1082087

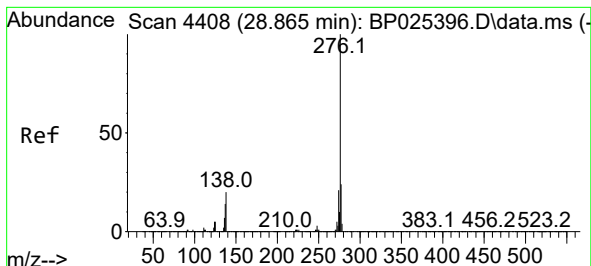
Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.252 ng

RT: 28.812 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

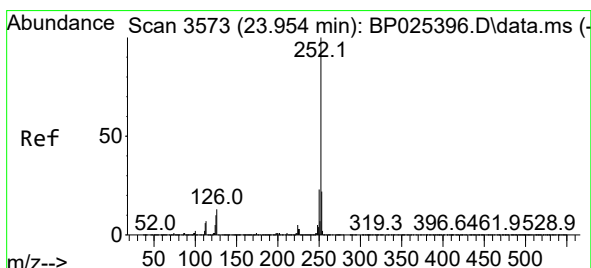
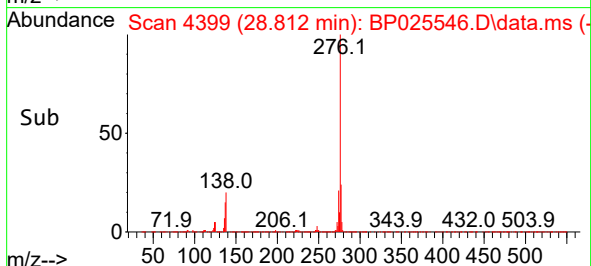
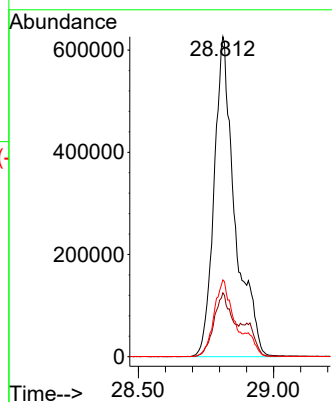
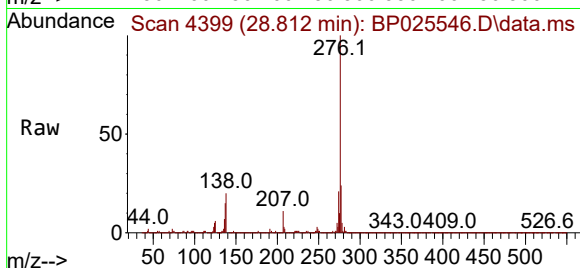
Tgt Ion:276 Resp: 3352933

Ion Ratio Lower Upper

276 100

138 17.6 12.9 19.3

277 21.9 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 43.704 ng

RT: 23.930 min Scan# 3569

Delta R.T. -0.024 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

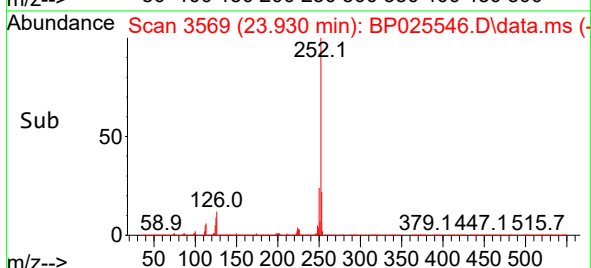
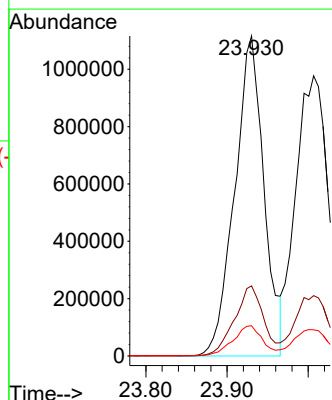
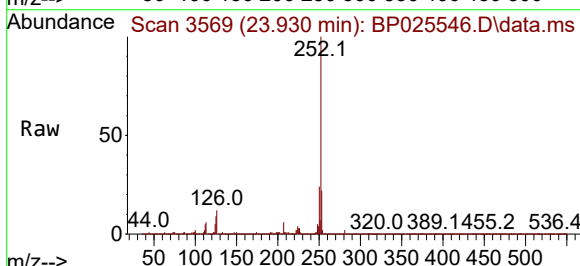
Tgt Ion:252 Resp: 2788636

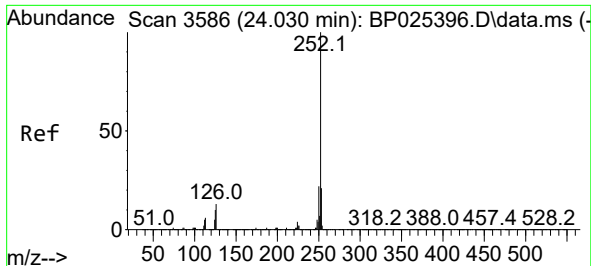
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.5 7.9 11.9

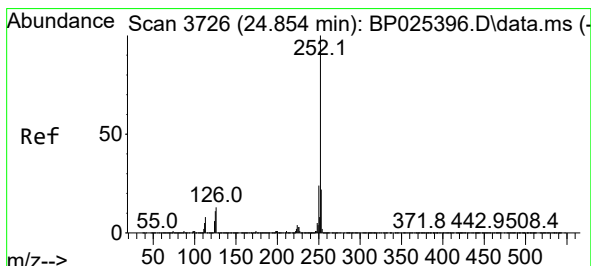
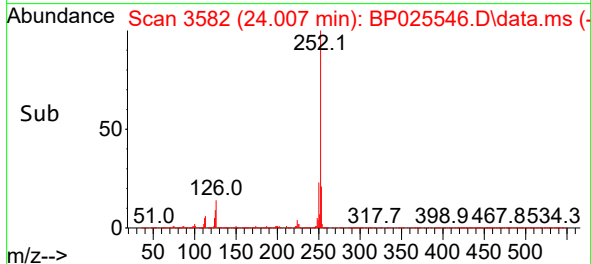
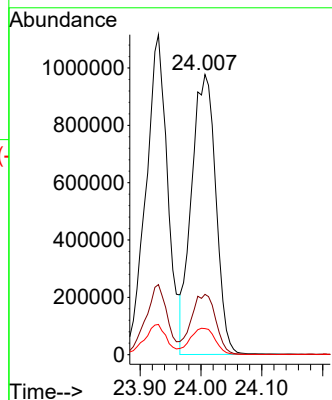
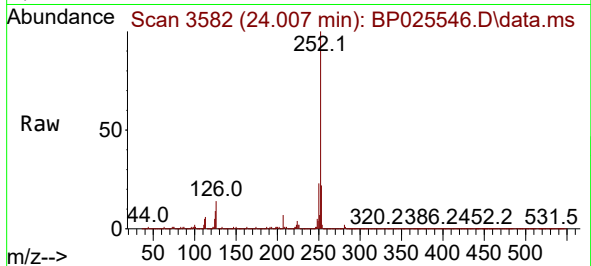




#89
Benzo(k)fluoranthene
Concen: 42.336 ng
RT: 24.007 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

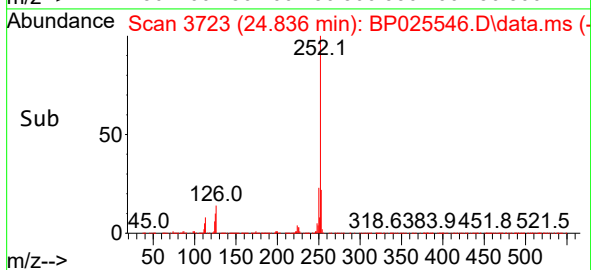
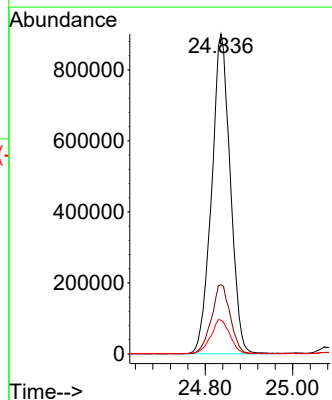
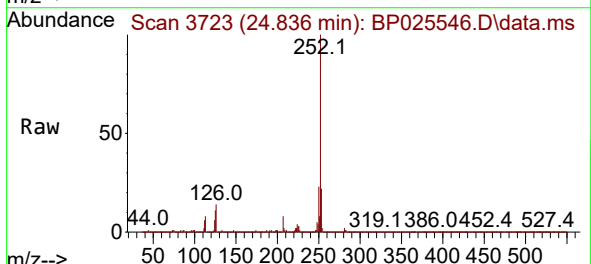
Instrument :
BNA_P
ClientSampleId :
PB169346BS

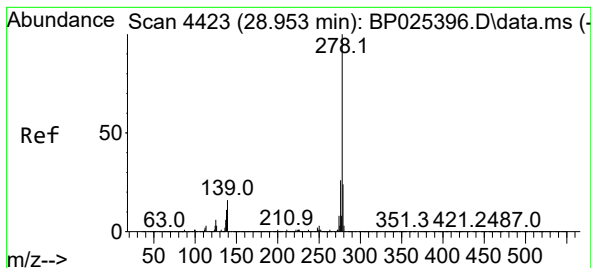
Tgt Ion:252 Resp: 2703191
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.3 7.8 11.6



#90
Benzo(a)pyrene
Concen: 42.852 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.018 min
Lab File: BP025546.D
Acq: 22 Aug 2025 12:47

Tgt Ion:252 Resp: 2661591
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.944 ng

RT: 28.906 min Scan# 4415

Delta R.T. -0.047 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

PB169346BS

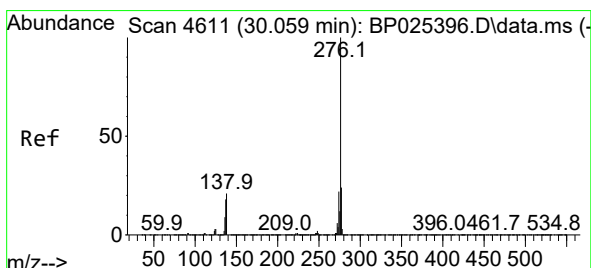
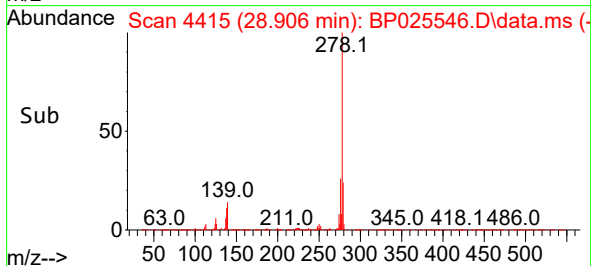
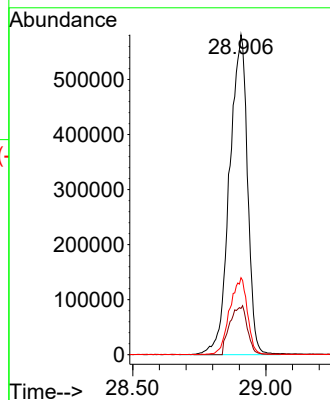
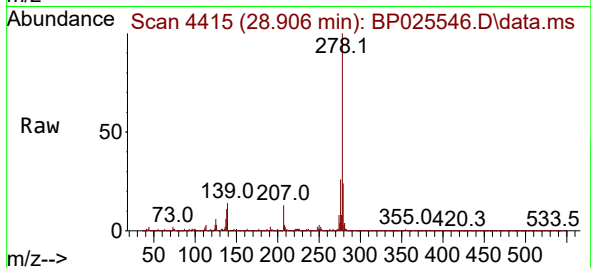
Tgt Ion:278 Resp: 2720066

Ion Ratio Lower Upper

278 100

139 14.5 13.0 19.4

279 24.1 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 42.328 ng

RT: 30.018 min Scan# 4604

Delta R.T. -0.041 min

Lab File: BP025546.D

Acq: 22 Aug 2025 12:47

Tgt Ion:276 Resp: 2698286

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 20.7 16.7 25.1

