

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 18 12:42:03 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	129439	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	550485	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	359982	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	707933	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	748424	20.000	ng	-0.02
86) Perylene-d12	25.000	264	846697	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	639171	82.005	ng	-0.01
7) Phenol-d6	6.954	99	823098	82.368	ng	-0.01
23) Nitrobenzene-d5	8.925	82	876756	80.567	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	388835	80.248	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	2068879	78.546	ng	0.00
79) Terphenyl-d14	19.918	244	3246131	79.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	122604	40.159	ng	98
3) Pyridine	3.719	79	334213	39.995	ng	96
4) n-Nitrosodimethylamine	3.625	42	143491	41.651	ng	98
6) Aniline	7.113	93	542872	40.321	ng	98
8) 2-Chlorophenol	7.354	128	357467	40.642	ng	99
9) Benzaldehyde	6.931	77	342575	48.931	ng	99
10) Phenol	6.978	94	428619	40.877	ng	96
11) bis(2-Chloroethyl)ether	7.207	93	332888	40.731	ng	97
12) 1,3-Dichlorobenzene	7.672	146	385845	39.784	ng	99
13) 1,4-Dichlorobenzene	7.813	146	394145	39.761	ng	98
14) 1,2-Dichlorobenzene	8.125	146	387260	40.357	ng	98
15) Benzyl Alcohol	8.007	79	319069	40.185	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.295	45	456910	41.734	ng	98
17) 2-Methylphenol	8.213	107	298449	40.981	ng	98
18) Hexachloroethane	8.854	117	149211	40.939	ng	97
19) n-Nitroso-di-n-propyla...	8.578	70	269300	40.685	ng	100
20) 3+4-Methylphenols	8.537	107	408076	40.425	ng	99
22) Acetophenone	8.589	105	551135	39.923	ng	98
24) Nitrobenzene	8.960	77	393372	40.447	ng	98
25) Isophorone	9.484	82	754224	39.163	ng	99
26) 2-Nitrophenol	9.672	139	201676	40.406	ng	99
27) 2,4-Dimethylphenol	9.725	122	338805	39.471	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	467674	40.173	ng	98
29) 2,4-Dichlorophenol	10.195	162	348762	40.902	ng	97
30) 1,2,4-Trichlorobenzene	10.413	180	367355	39.301	ng	99
31) Naphthalene	10.601	128	1130138	39.499	ng	99
32) Benzoic acid	9.854	122	300714	47.454	ng	97
33) 4-Chloroaniline	10.701	127	504246	39.898	ng	99
34) Hexachlorobutadiene	10.884	225	228134	39.190	ng	98
35) Caprolactam	11.489	113	124504	39.821	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	399336	40.814	ng	99
37) 2-Methylnaphthalene	12.213	142	735528	39.503	ng	99
38) 1-Methylnaphthalene	12.425	142	777947	39.288	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	409880	39.424	ng	99
41) Hexachlorocyclopentadiene	12.560	237	344743	54.895	ng	97
43) 2,4,6-Trichlorophenol	12.819	196	293126	41.762	ng	99

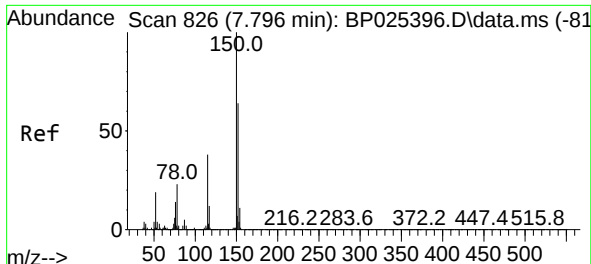
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	319297	41.507	ng	99
46) 1,1'-Biphenyl	13.225	154	1049348	40.137	ng	99
47) 2-Chloronaphthalene	13.266	162	806752	39.638	ng	100
48) 2-Nitroaniline	13.454	65	253588	42.761	ng	95
49) Acenaphthylene	14.113	152	1342750	39.870	ng	98
50) Dimethylphthalate	13.848	163	1048563	39.777	ng	99
51) 2,6-Dinitrotoluene	13.966	165	229491	41.304	ng	94
52) Acenaphthene	14.460	154	845228	42.757	ng	100
53) 3-Nitroaniline	14.301	138	257397	41.176	ng	99
54) 2,4-Dinitrophenol	14.501	184	119955	40.428	ng	99
55) Dibenzofuran	14.801	168	1236093	39.550	ng	99
56) 4-Nitrophenol	14.607	139	208534	40.596	ng	92
57) 2,4-Dinitrotoluene	14.760	165	323986	40.870	ng	99
58) Fluorene	15.460	166	970073	39.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	284196	41.840	ng	99
60) Diethylphthalate	15.236	149	1079798	40.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	477262	38.912	ng	98
62) 4-Nitroaniline	15.477	138	262587	40.974	ng	97
63) Azobenzene	15.754	77	955133	41.644	ng	99
65) 4,6-Dinitro-2-methylph...	15.530	198	163748	37.107	ng	89
66) n-Nitrosodiphenylamine	15.671	169	881828	40.848	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	316740	40.681	ng	96
68) Hexachlorobenzene	16.489	284	357689	39.631	ng	98
69) Atrazine	16.642	200	329195	40.719	ng	98
70) Pentachlorophenol	16.836	266	218464	38.345	ng	97
71) Phenanthrene	17.236	178	1592132	40.940	ng	99
72) Anthracene	17.330	178	1611288	40.573	ng	100
73) Carbazole	17.607	167	1513389	40.458	ng	99
74) Di-n-butylphthalate	18.207	149	1888886	41.042	ng	100
75) Fluoranthene	19.312	202	1875973	40.441	ng	99
77) Benzidine	19.512	184	1101599	43.129	ng	99
78) Pyrene	19.689	202	1960510	40.302	ng	99
80) Butylbenzylphthalate	20.648	149	886026	40.189	ng	98
81) Benzo(a)anthracene	21.612	228	1979219	40.099	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	733316	39.416	ng	99
83) Chrysene	21.677	228	1891222	40.914	ng	99
84) Bis(2-ethylhexyl)phtha...	21.559	149	1316742	40.573	ng	99
85) Di-n-octyl phthalate	22.842	149	2229136	39.933	ng	98
87) Indeno(1,2,3-cd)pyrene	28.818	276	2456533	39.562	ng	95
88) Benzo(b)fluoranthene	23.924	252	2052802	41.116	ng	100
89) Benzo(k)fluoranthene	24.006	252	2023948	40.510	ng	99
90) Benzo(a)pyrene	24.842	252	1950603	40.136	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2024887	39.905	ng	100
92) Benzo(g,h,i)perylene	30.000	276	1983435	39.764	ng	98

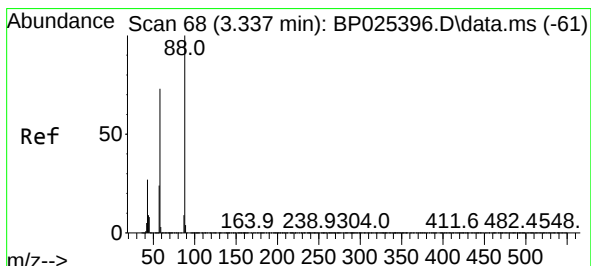
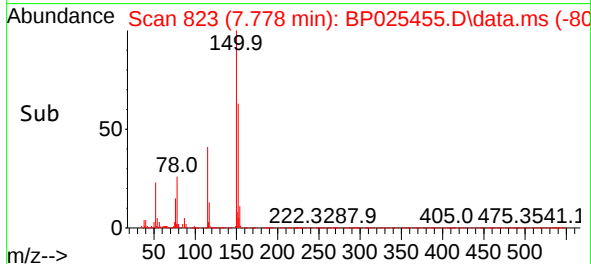
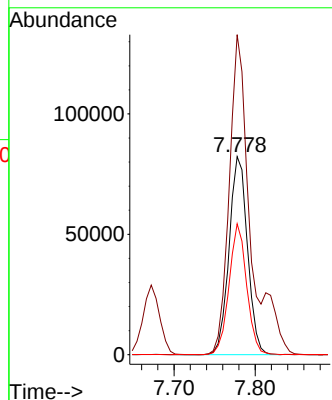
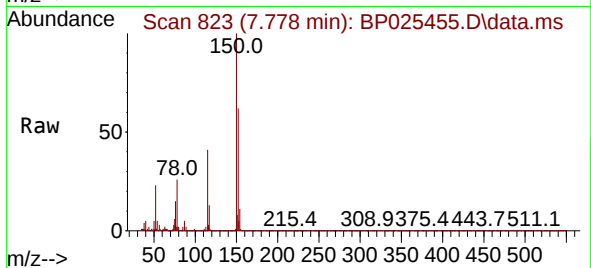
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025455.D
 Acq: 18 Aug 2025 10:39

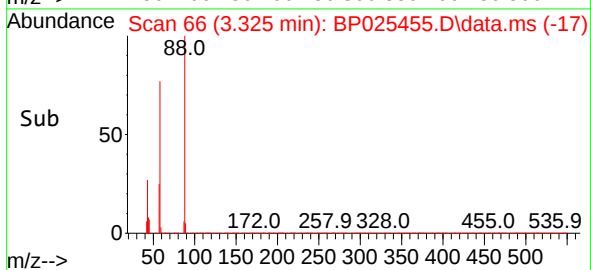
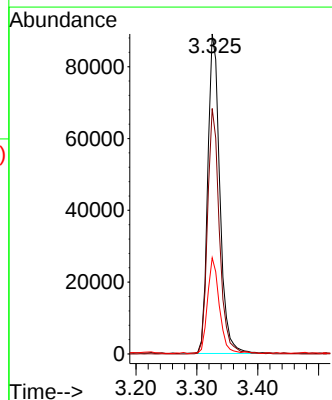
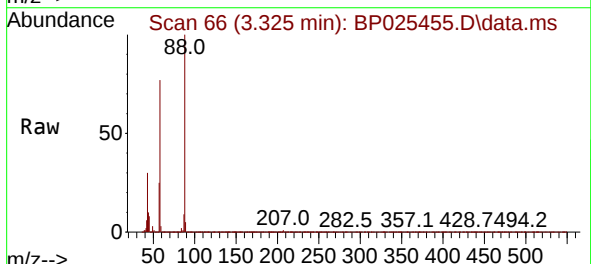
Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:152 Resp: 129439
 Ion Ratio Lower Upper
 152 100
 150 161.5 125.9 188.9
 115 66.1 48.5 72.7



#2
 1,4-Dioxane
 Concen: 40.159 ng
 RT: 3.325 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BP025455.D
 Acq: 18 Aug 2025 10:39

Tgt Ion: 88 Resp: 122604
 Ion Ratio Lower Upper
 88 100
 58 75.7 59.2 88.8
 43 29.1 21.7 32.5

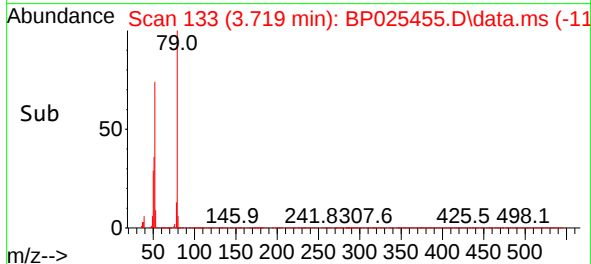
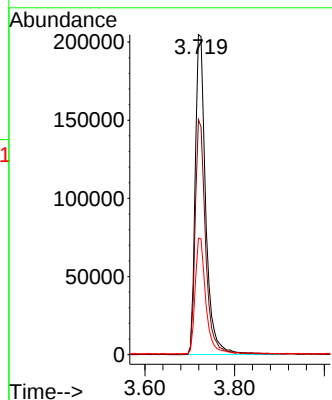
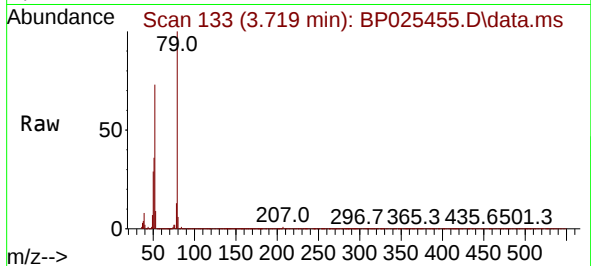




#3
Pyridine
Concen: 39.995 ng
RT: 3.719 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

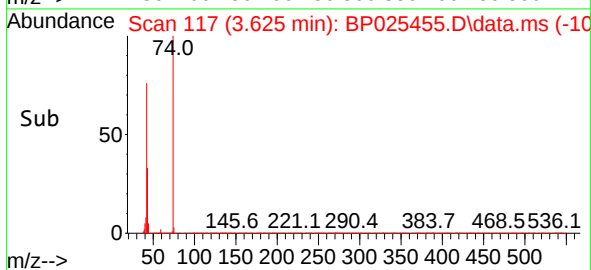
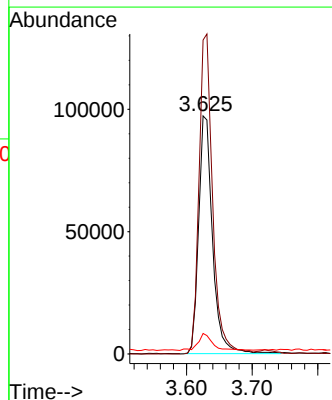
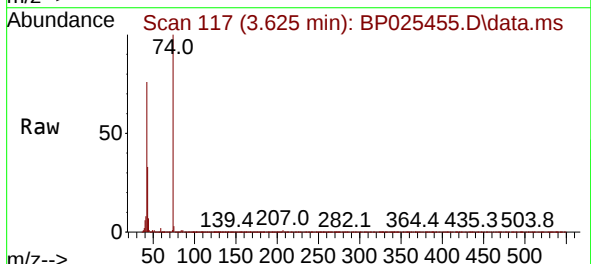
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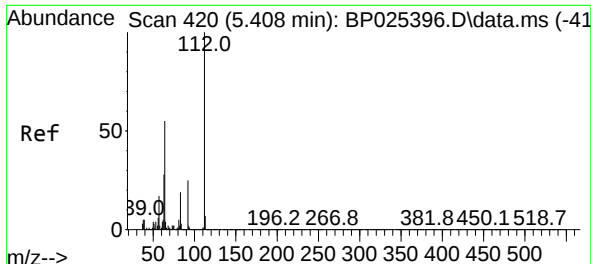
Tgt Ion: 79 Resp: 334213
Ion Ratio Lower Upper
79 100
52 73.5 55.5 83.3
51 36.4 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 41.651 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 42 Resp: 143491
Ion Ratio Lower Upper
42 100
74 131.9 107.0 160.4
44 8.6 6.2 9.4

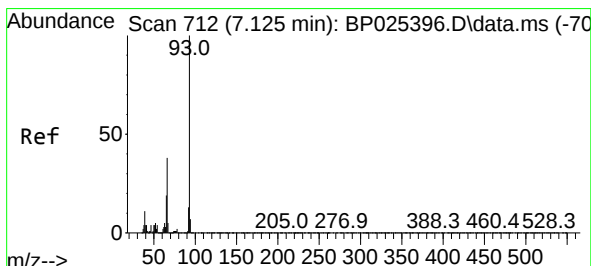
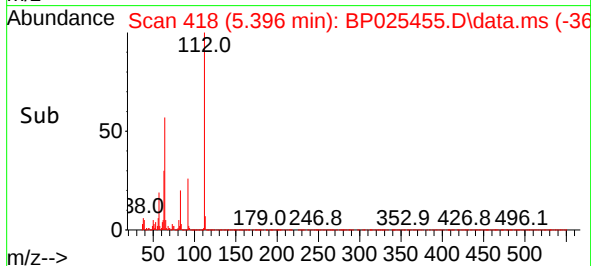
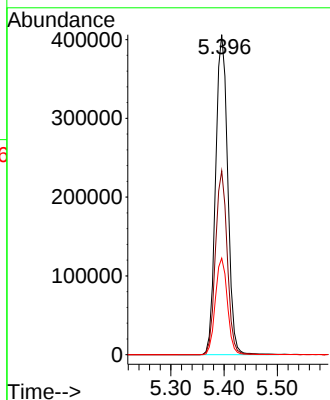
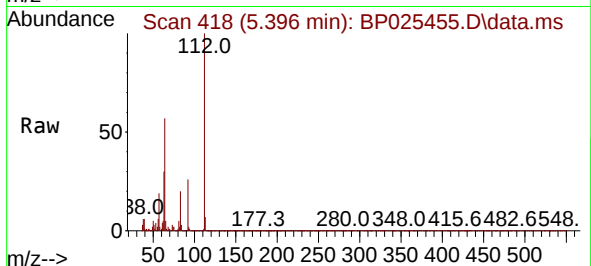




#5
2-Fluorophenol
Concen: 82.005 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

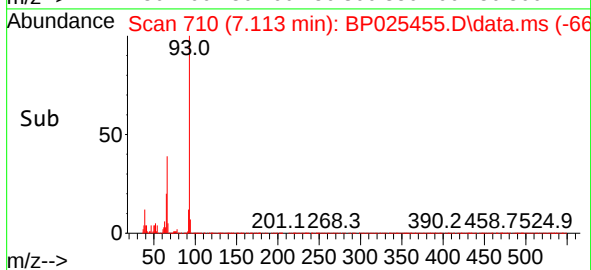
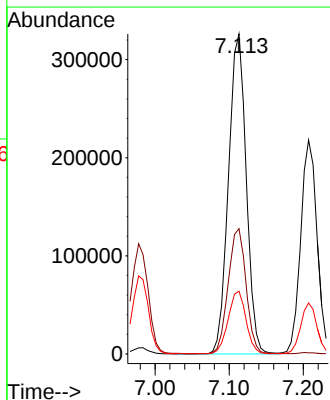
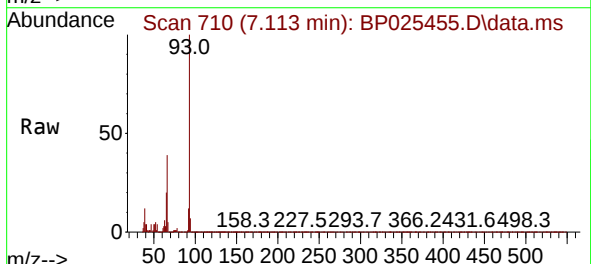
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ClientSampleId :

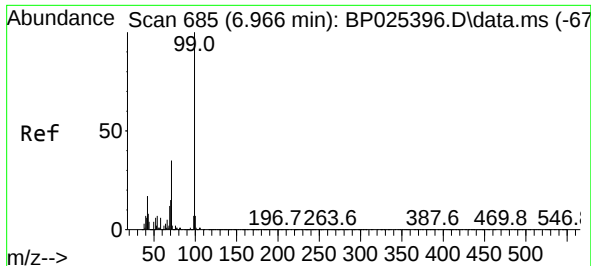
Tgt Ion:112 Resp: 639171
Ion Ratio Lower Upper
112 100
64 57.4 43.8 65.8
63 30.2 22.7 34.1



#6
Aniline
Concen: 40.321 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 93 Resp: 542872
Ion Ratio Lower Upper
93 100
66 39.2 30.4 45.6
65 19.6 15.3 22.9

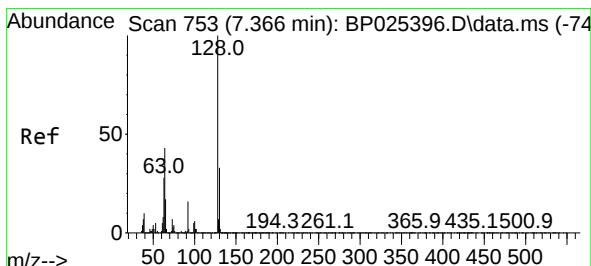
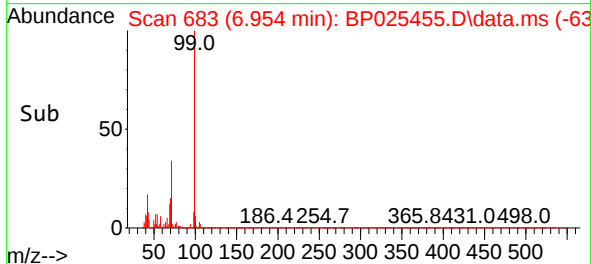
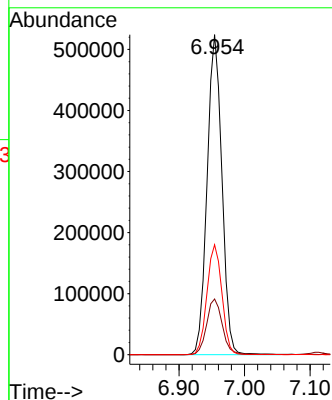
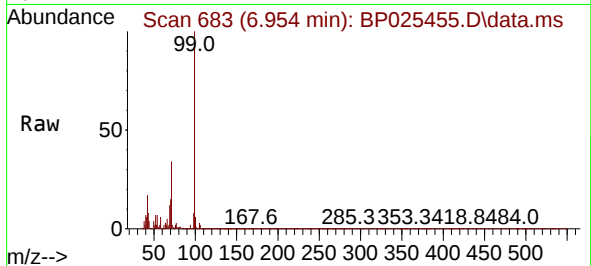




#7
Phenol-d6
Concen: 82.368 ng
RT: 6.954 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

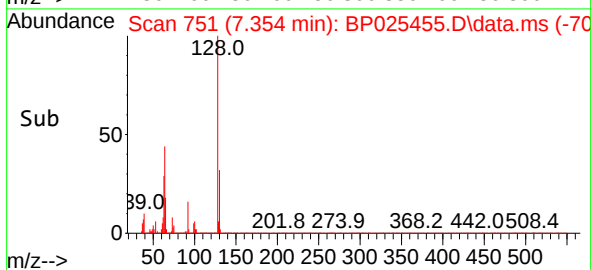
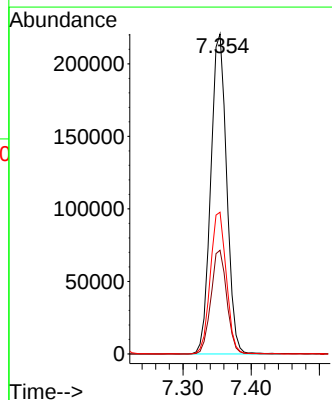
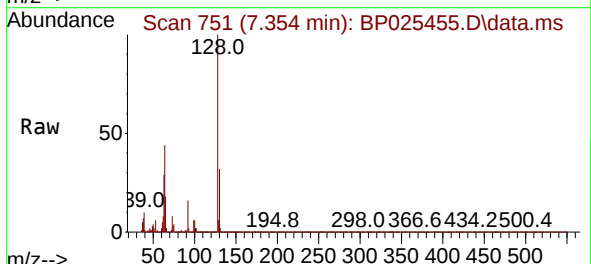
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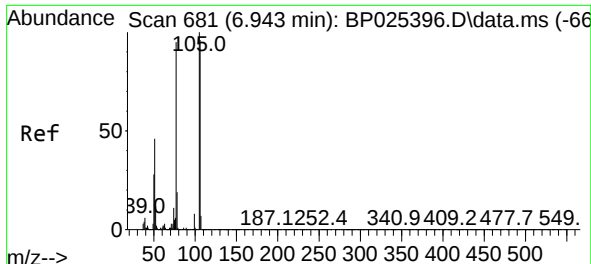
Tgt Ion: 99 Resp: 823098
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 34.3 28.2 42.4



#8
2-Chlorophenol
Concen: 40.642 ng
RT: 7.354 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 128 Resp: 357467
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 44.3 23.4 63.4

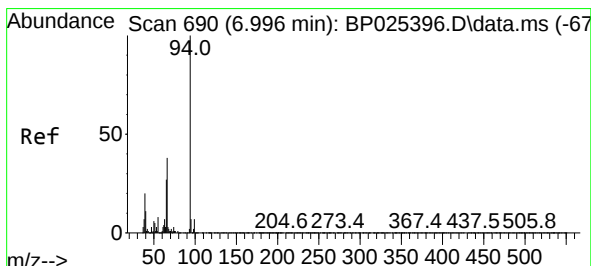
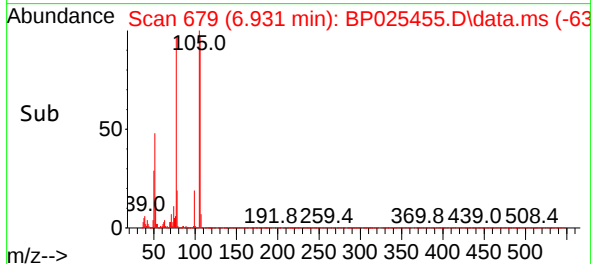
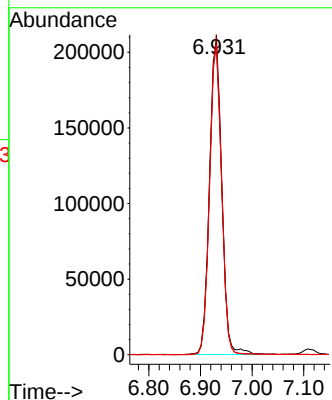
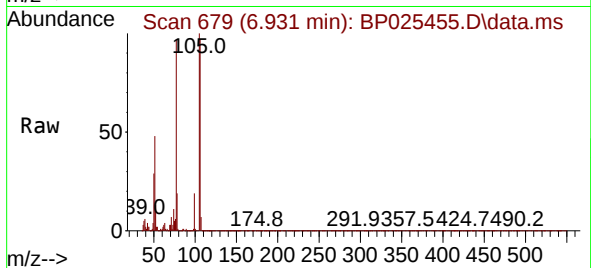




#9
Benzaldehyde
Concen: 48.931 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

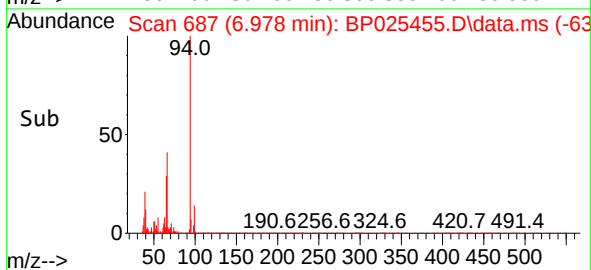
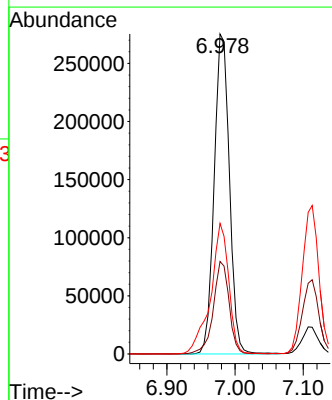
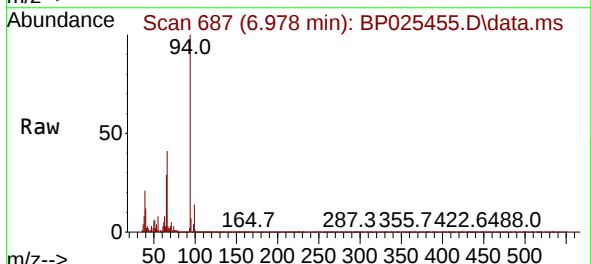
Instrument :
BNA_P
ClientSampleId :

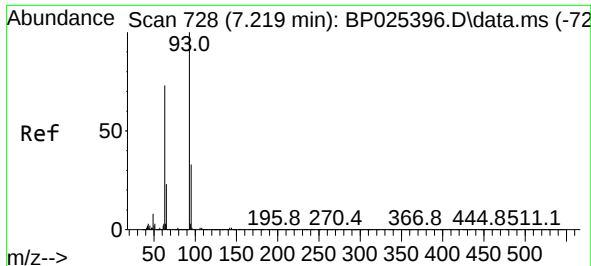
Tgt Ion: 77 Resp: 342575
Ion Ratio Lower Upper
77 100
105 103.0 84.8 124.8
106 99.7 80.5 120.5



#10
Phenol
Concen: 40.877 ng
RT: 6.978 min Scan# 687
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 94 Resp: 428619
Ion Ratio Lower Upper
94 100
65 28.9 6.8 46.8
66 40.8 18.2 58.2

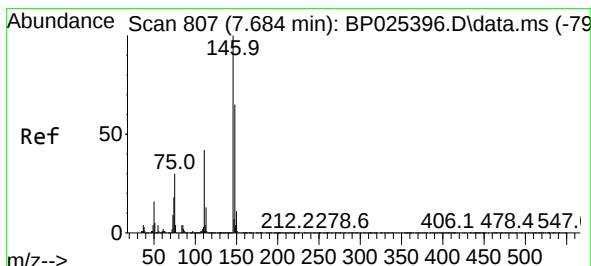
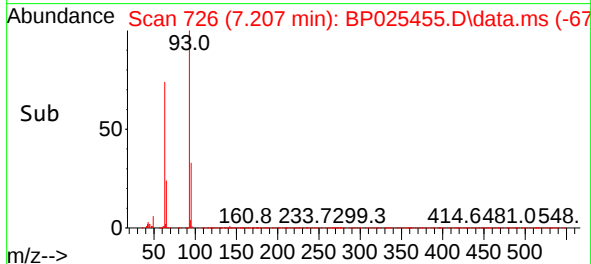
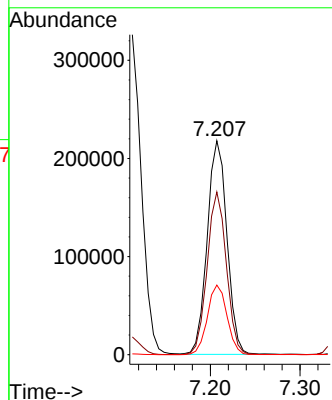
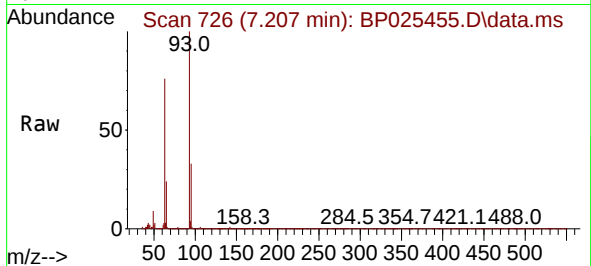




#11
bis(2-Chloroethyl)ether
Concen: 40.731 ng
RT: 7.207 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

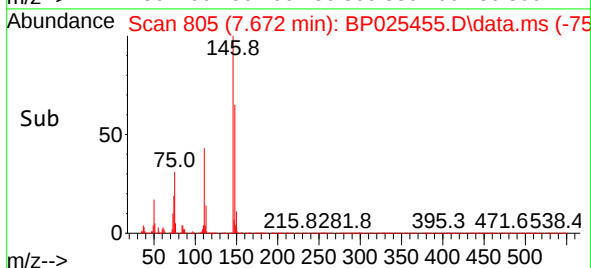
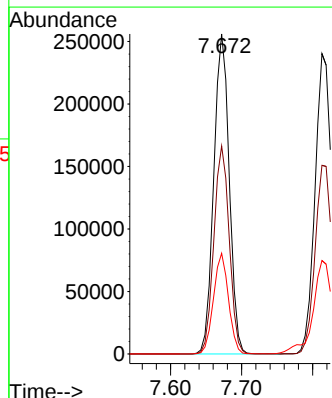
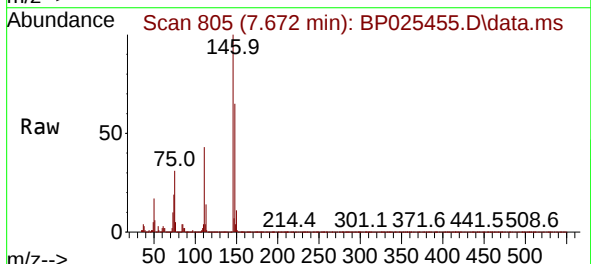
Instrument :
BNA_P
ClientSampleId :

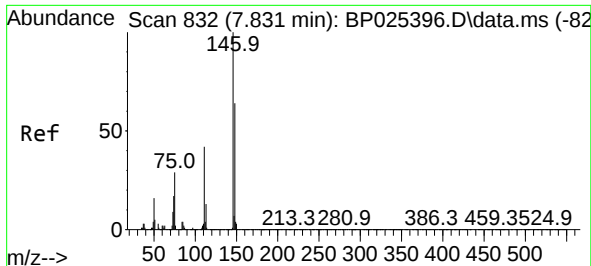
Tgt Ion: 93 Resp: 332888
Ion Ratio Lower Upper
93 100
63 76.0 52.6 92.6
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.784 ng
RT: 7.672 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 146 Resp: 385845
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 31.4 23.7 35.5

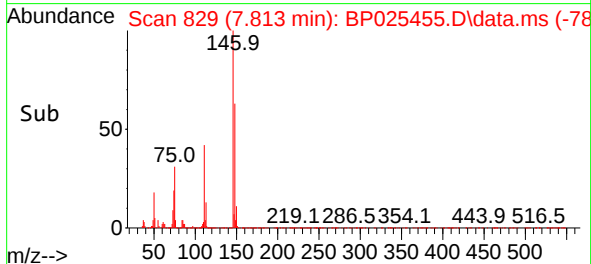
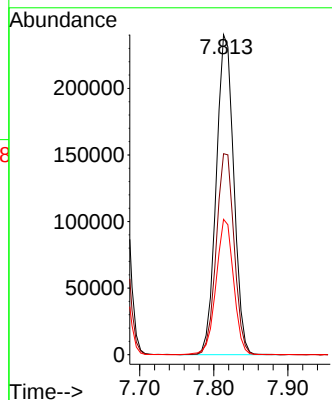
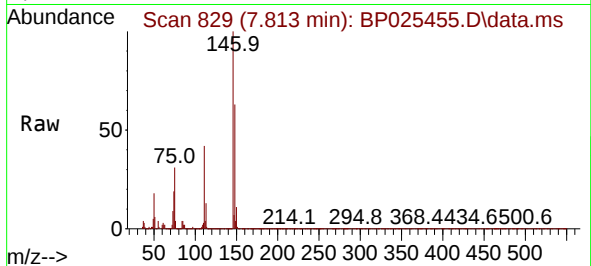




#13
1,4-Dichlorobenzene
Concen: 39.761 ng
RT: 7.813 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

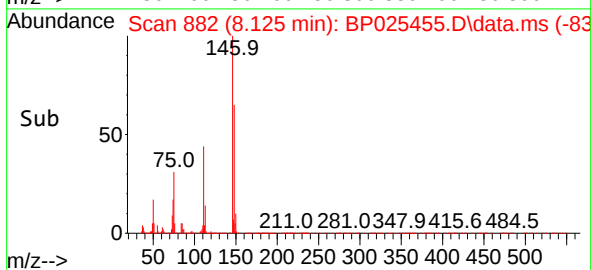
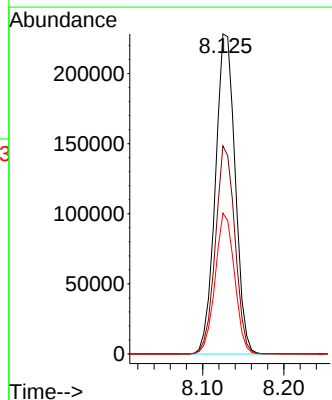
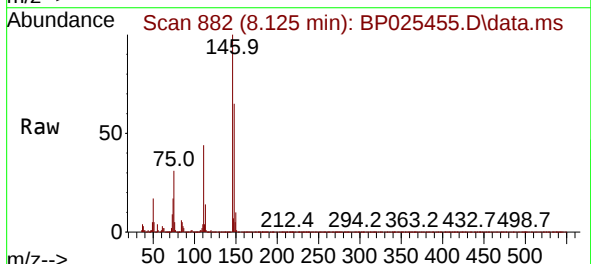
Instrument :
BNA_P
ClientSampleId :

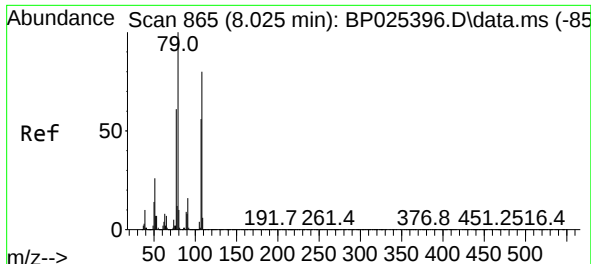
Tgt Ion:146 Resp: 394145
Ion Ratio Lower Upper
146 100
148 62.8 51.6 77.4
111 42.3 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 40.357 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:146 Resp: 387260
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
111 44.0 34.5 51.7

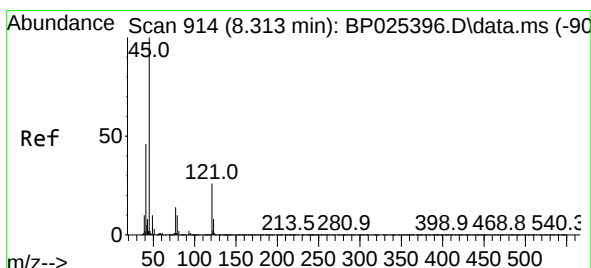
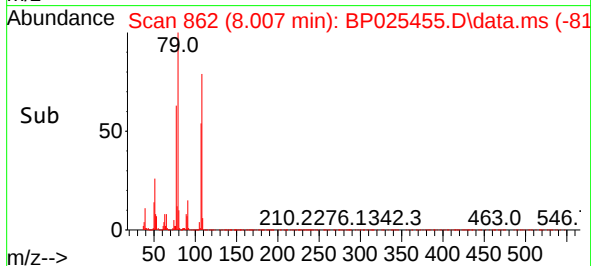
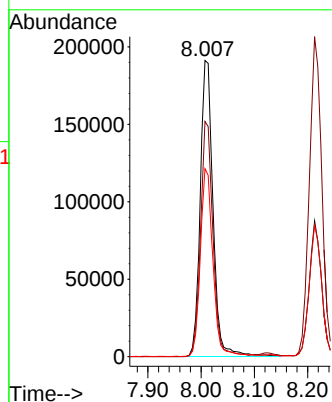
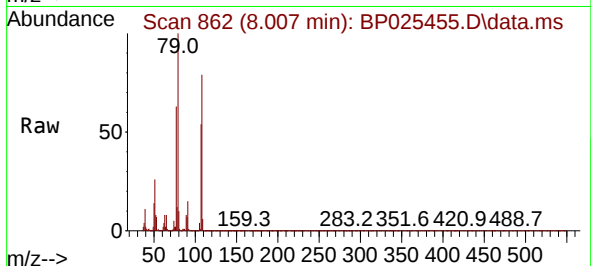




#15
Benzyl Alcohol
Concen: 40.185 ng
RT: 8.007 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

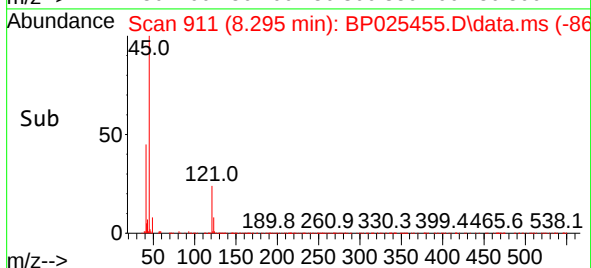
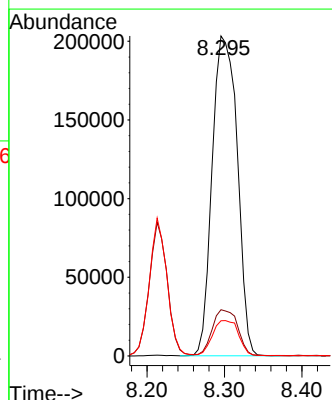
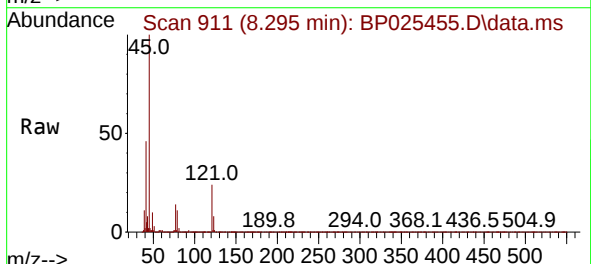
Instrument :
BNA_P
ClientSampleId :

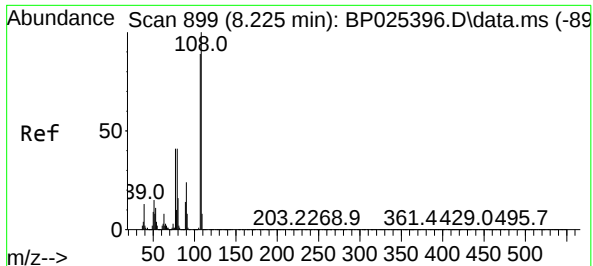
Tgt Ion: 79 Resp: 319069
Ion Ratio Lower Upper
79 100
108 79.4 63.8 95.6
77 63.5 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.734 ng
RT: 8.295 min Scan# 911
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

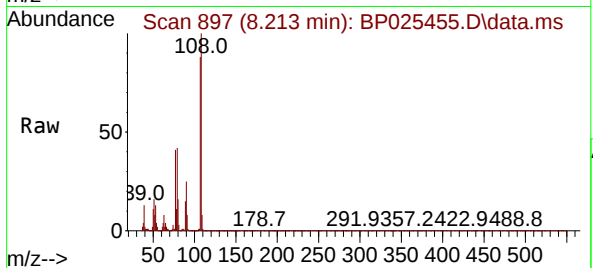
Tgt Ion: 45 Resp: 456910
Ion Ratio Lower Upper
45 100
77 14.5 0.0 35.3
79 11.0 0.0 31.8



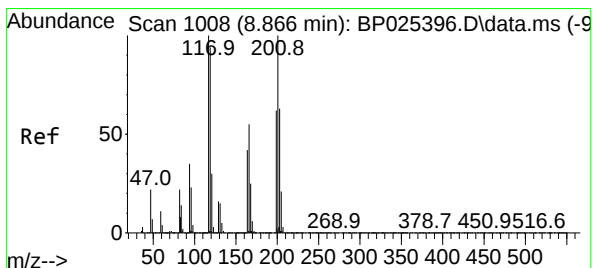
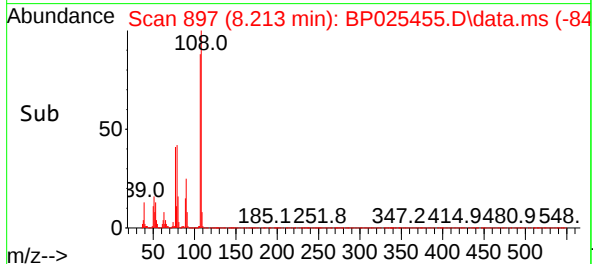
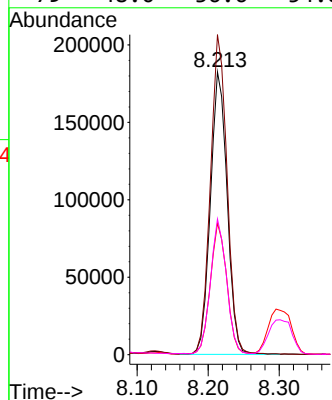


#17
2-Methylphenol
Concen: 40.981 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :
BNA_P
ClientSampleId :

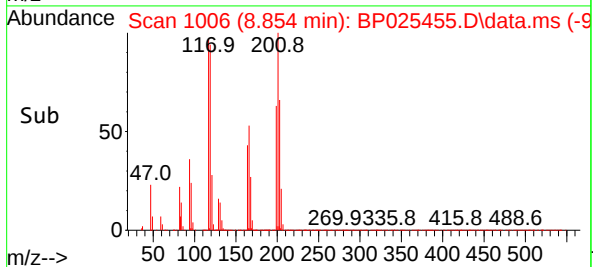
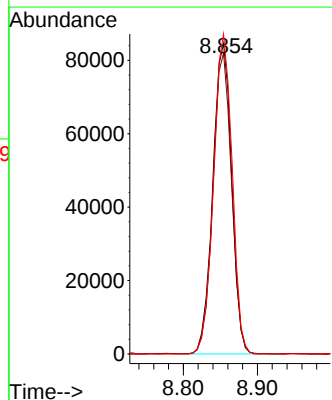
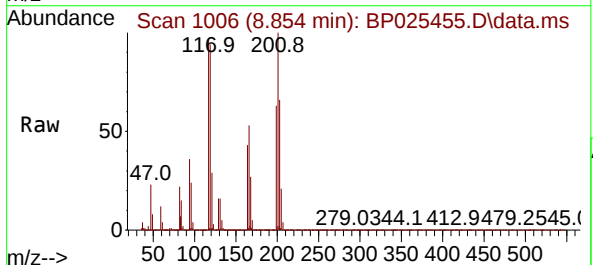


Tgt Ion:	107	Resp:	298449
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.4	134.0
77	46.5	36.3	54.5
79	48.0	36.6	54.8



#18
Hexachloroethane
Concen: 40.939 ng
RT: 8.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:	117	Resp:	149211
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.1	112.7
201	103.1	80.1	120.1

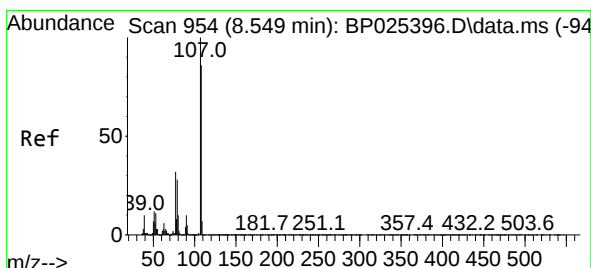
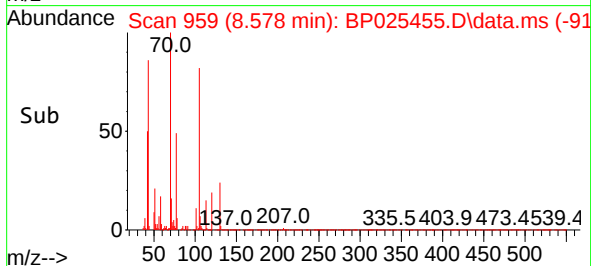
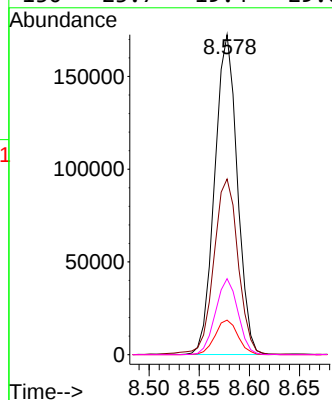
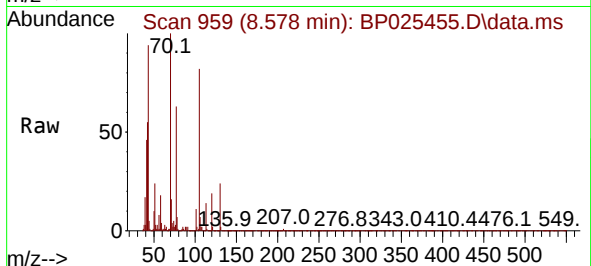




#19
n-Nitroso-di-n-propylamine
Concen: 40.685 ng
RT: 8.578 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

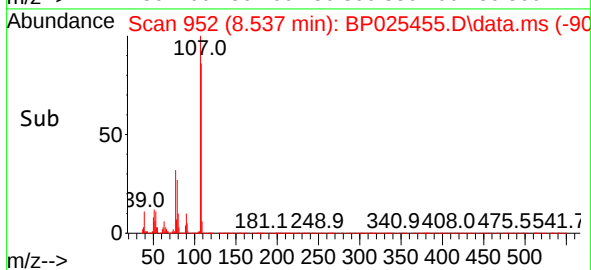
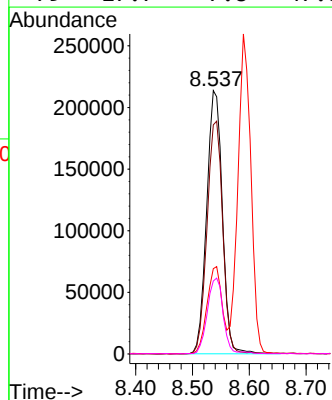
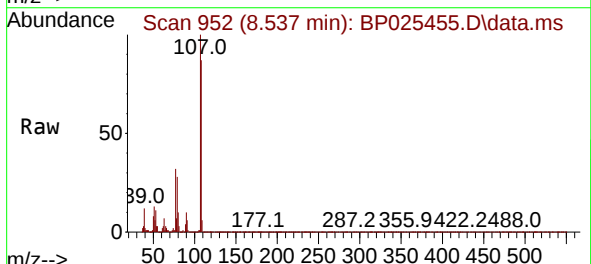
Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 269300
Ion Ratio Lower Upper
70 100
42 54.9 43.8 65.6
101 10.8 8.5 12.7
130 23.7 19.4 29.0



#20
3+4-Methylphenols
Concen: 40.425 ng
RT: 8.537 min Scan# 952
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 107 Resp: 408076
Ion Ratio Lower Upper
107 100
108 87.0 66.3 106.3
77 32.4 12.3 52.3
79 27.7 7.8 47.8

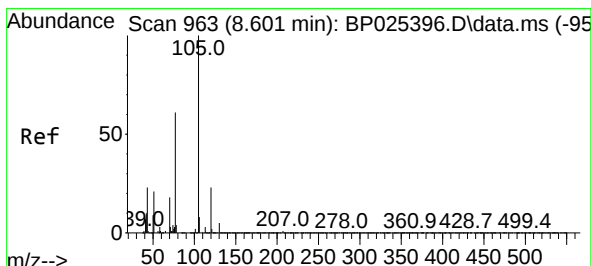
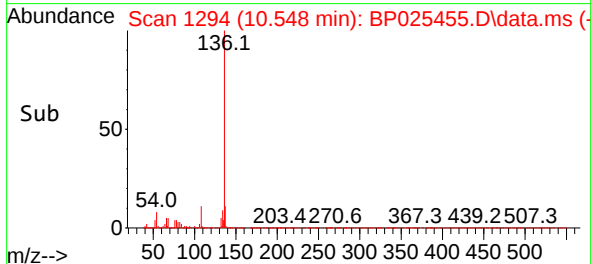
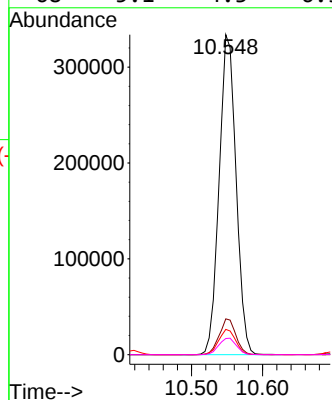
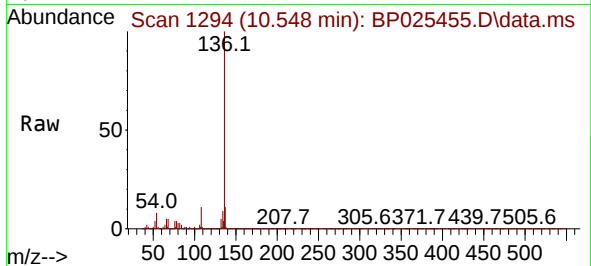




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

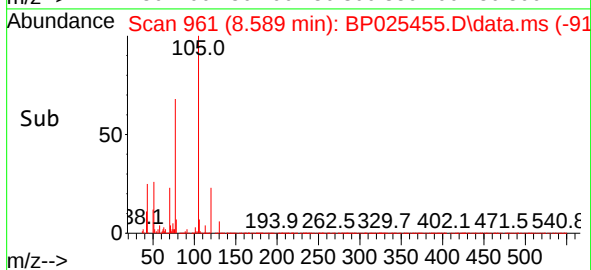
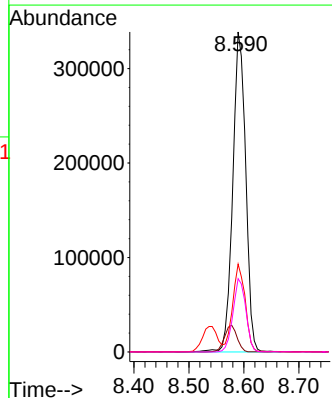
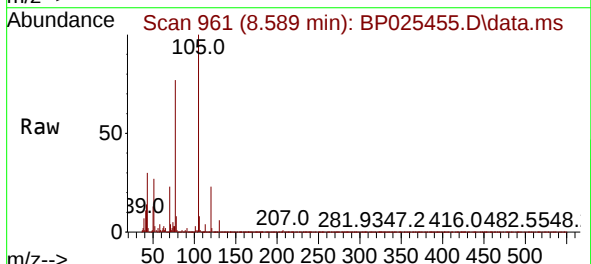
Instrument :
BNA_P
ClientSampleId :

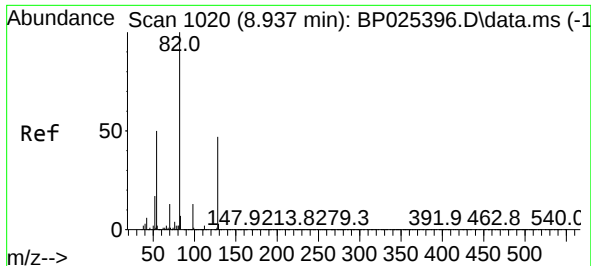
Tgt Ion:	136	Resp:	550485
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.9	6.0	9.0
68	5.1	4.3	6.5



#22
Acetophenone
Concen: 39.923 ng
RT: 8.589 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:	105	Resp:	551135
Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.6	4.0
51	27.5	20.6	30.8
120	22.9	18.6	27.8

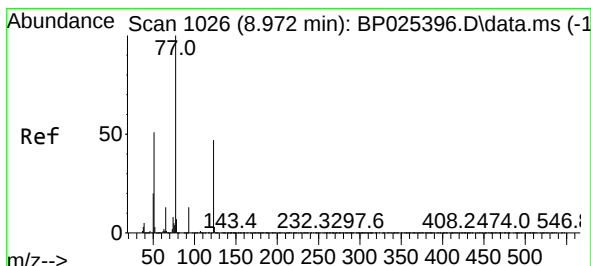
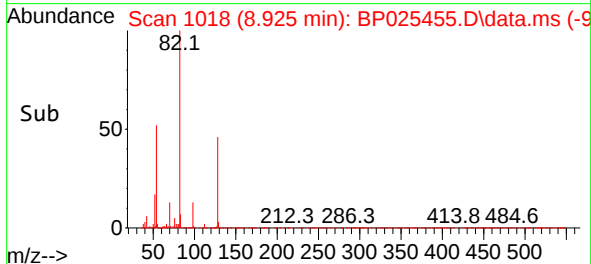
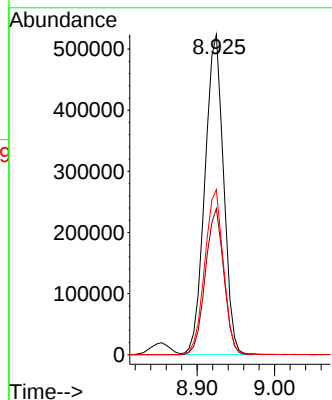
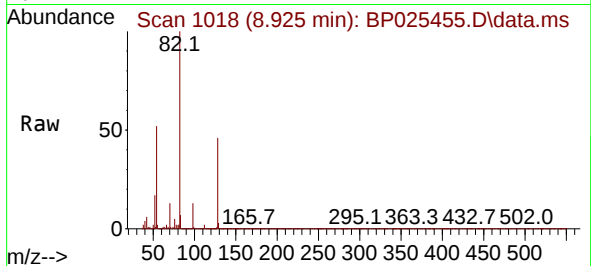




#23
Nitrobenzene-d5
Concen: 80.567 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

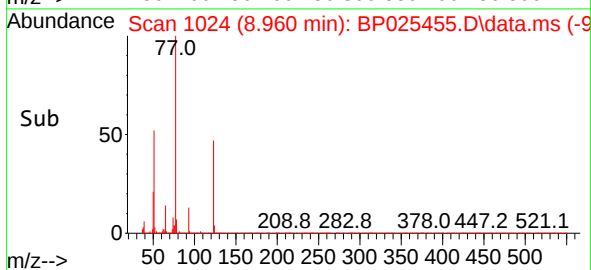
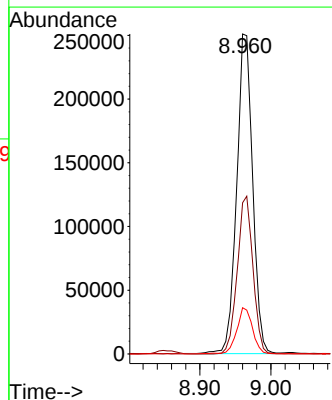
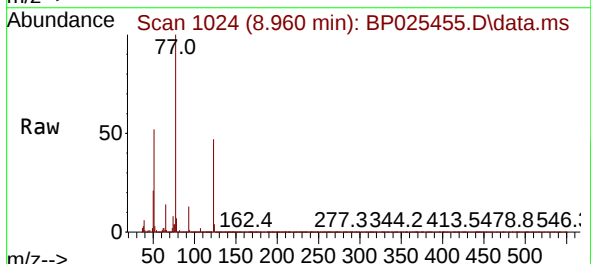
Instrument :
BNA_P
ClientSampleId :

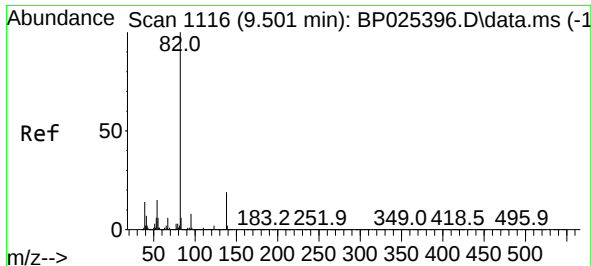
Tgt Ion: 82 Resp: 876756
Ion Ratio Lower Upper
82 100
128 45.6 37.7 56.5
54 51.6 39.8 59.6



#24
Nitrobenzene
Concen: 40.447 ng
RT: 8.960 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 77 Resp: 393372
Ion Ratio Lower Upper
77 100
123 47.3 38.6 58.0
65 14.5 10.6 15.8

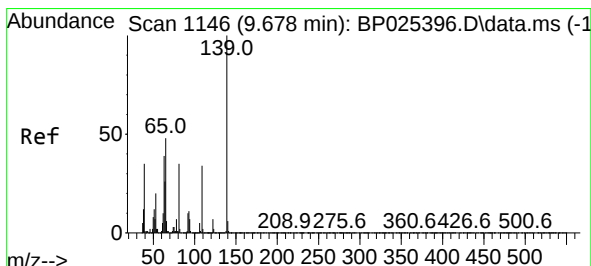
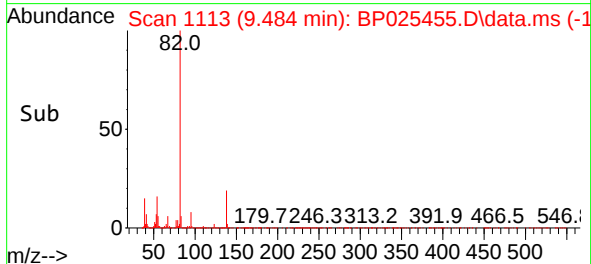
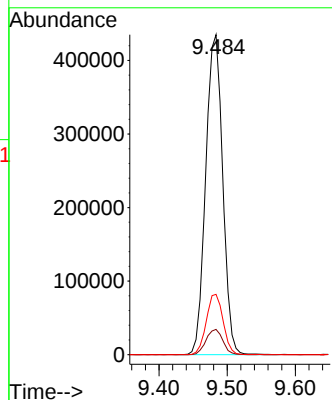
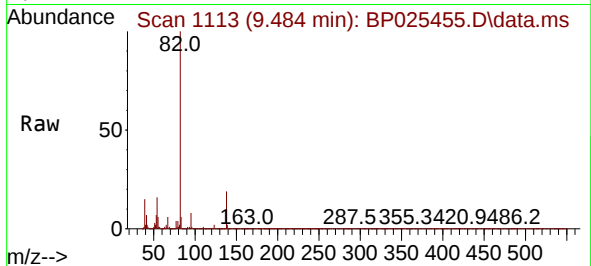




#25
Isophorone
Concen: 39.163 ng
RT: 9.484 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

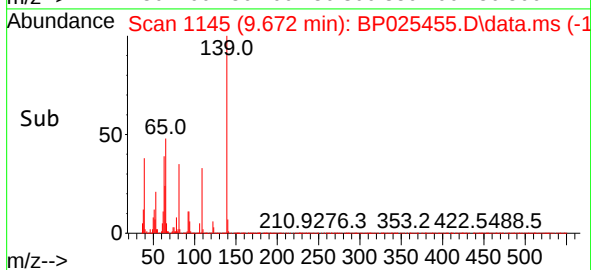
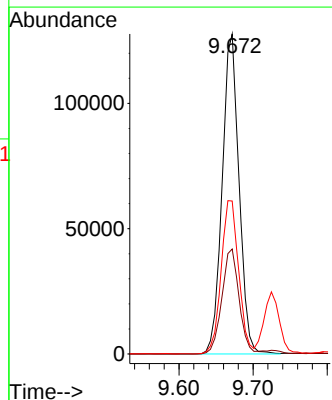
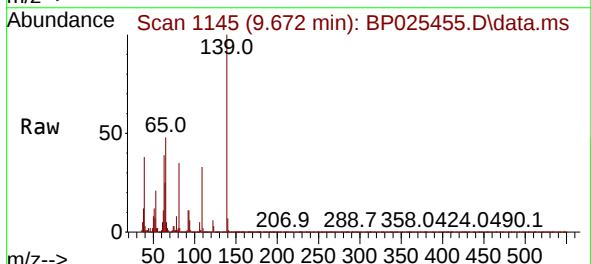
Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 754224
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.8 15.4 23.0



#26
2-Nitrophenol
Concen: 40.406 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 139 Resp: 201676
Ion Ratio Lower Upper
139 100
109 32.8 26.9 40.3
65 47.8 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 39.471 ng

RT: 9.725 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

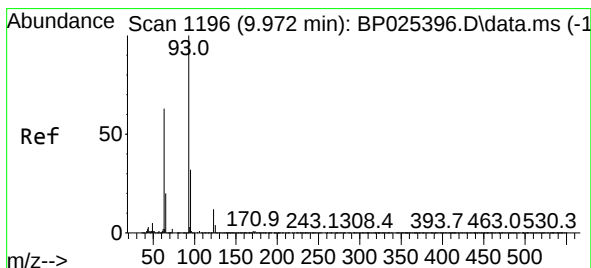
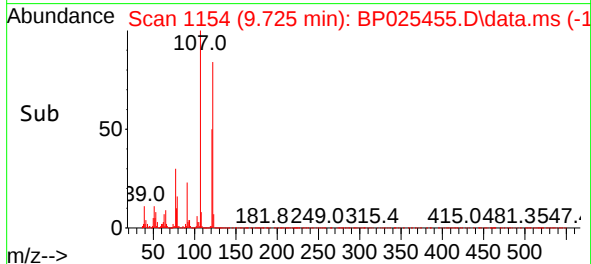
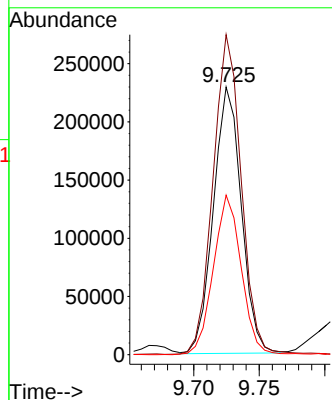
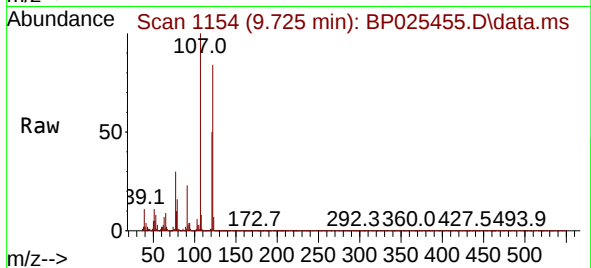
Tgt Ion:122 Resp: 338805

Ion Ratio Lower Upper

122 100

107 119.5 93.7 140.5

121 59.6 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.173 ng

RT: 9.960 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

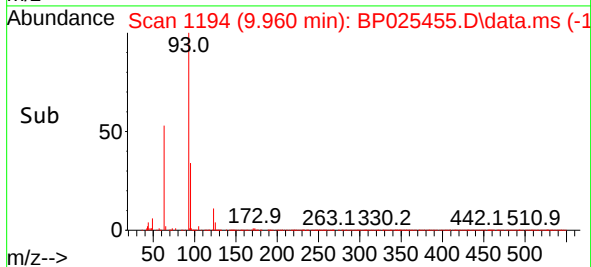
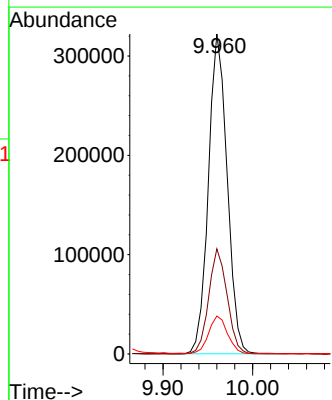
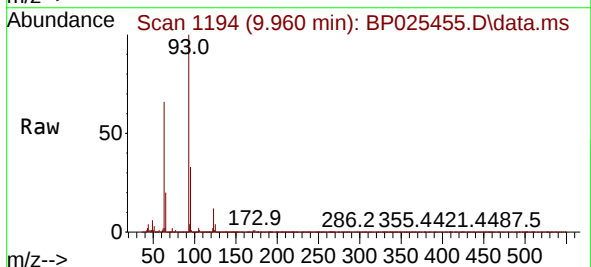
Tgt Ion: 93 Resp: 467674

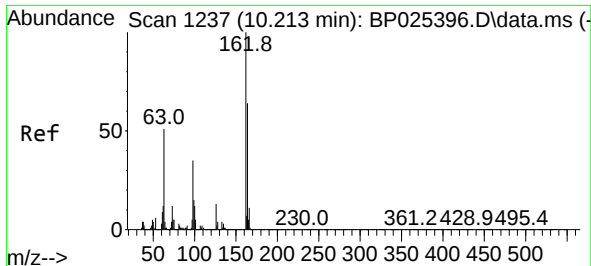
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.0

123 11.9 9.4 14.0

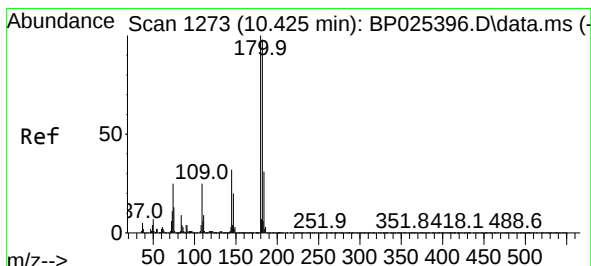
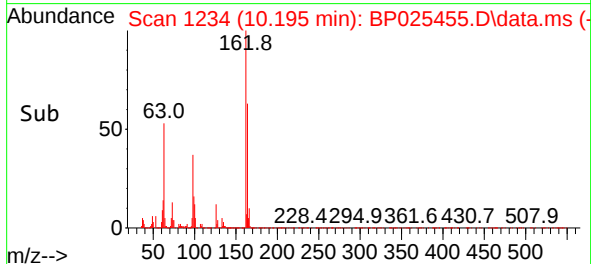
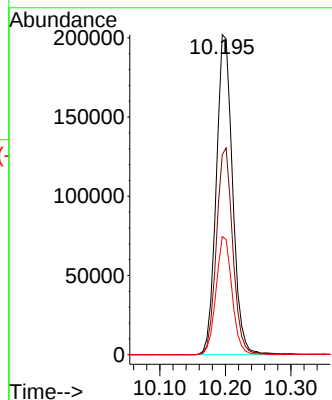
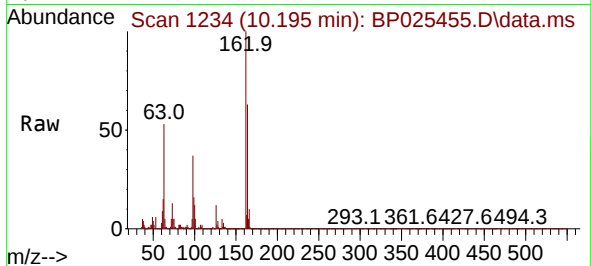




#29
2,4-Dichlorophenol
Concen: 40.902 ng
RT: 10.195 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

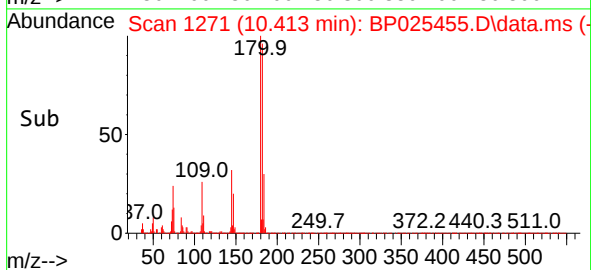
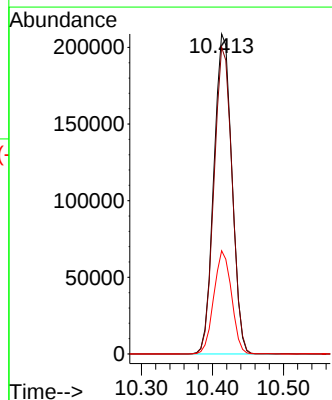
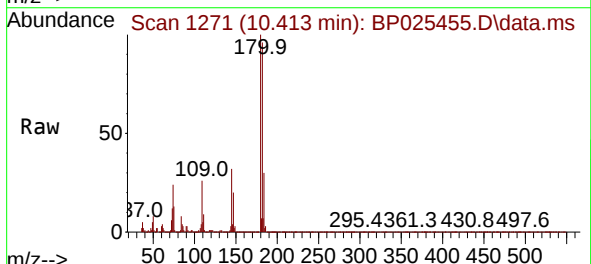
Instrument :
BNA_P
ClientSampleId :

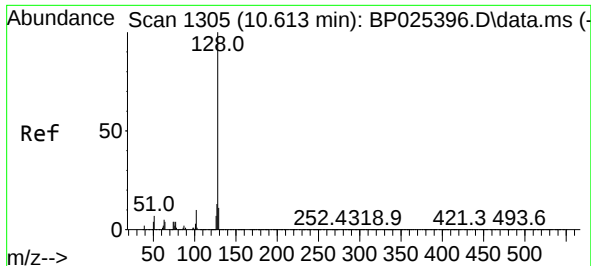
Tgt Ion:162 Resp: 348762
Ion Ratio Lower Upper
162 100
164 62.5 44.4 84.4
98 36.9 14.9 54.9



#30
1,2,4-Trichlorobenzene
Concen: 39.301 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:180 Resp: 367355
Ion Ratio Lower Upper
180 100
182 95.9 78.0 117.0
145 32.3 25.9 38.9

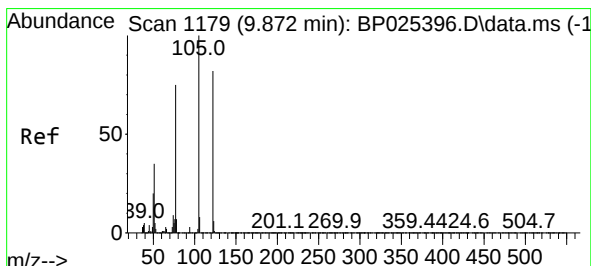
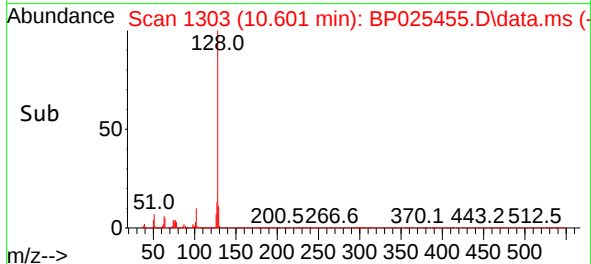
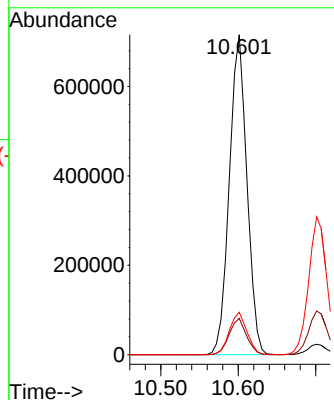
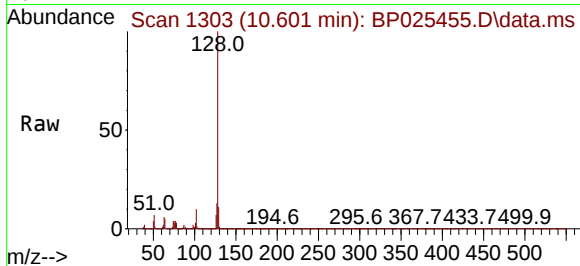




#31
Naphthalene
Concen: 39.499 ng
RT: 10.601 min Scan# 1130
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

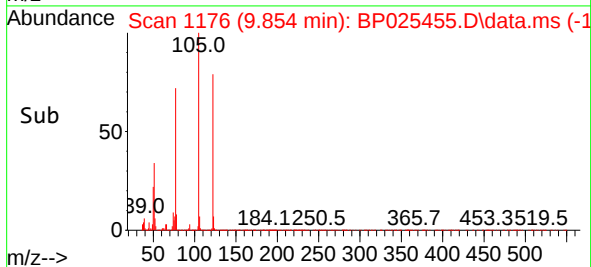
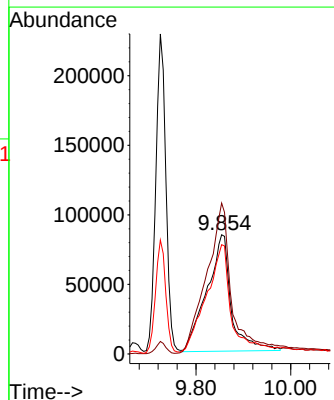
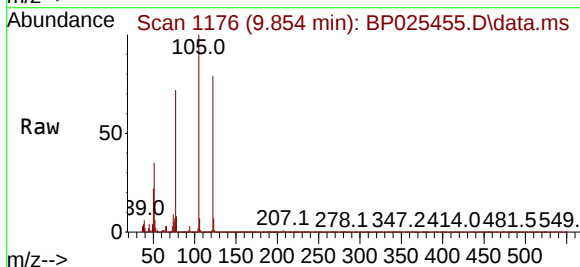
Instrument :
BNA_P
ClientSampleId :

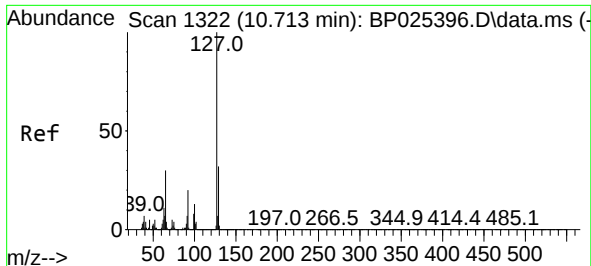
Tgt Ion:128 Resp: 1130138
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 47.454 ng
RT: 9.854 min Scan# 1176
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:122 Resp: 300714
Ion Ratio Lower Upper
122 100
105 126.4 100.6 140.6
77 91.6 71.5 111.5

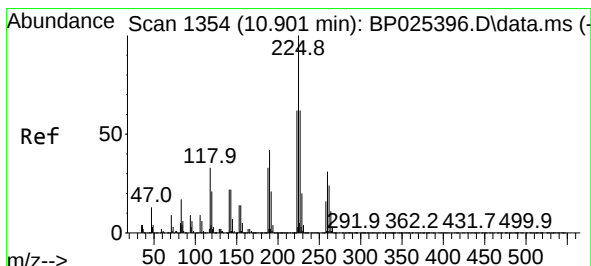
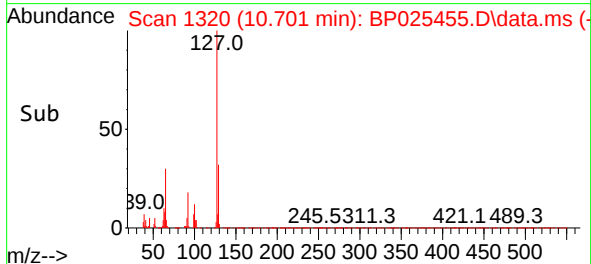
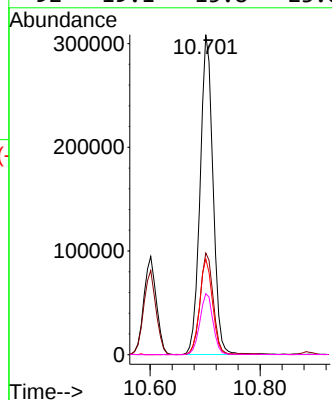
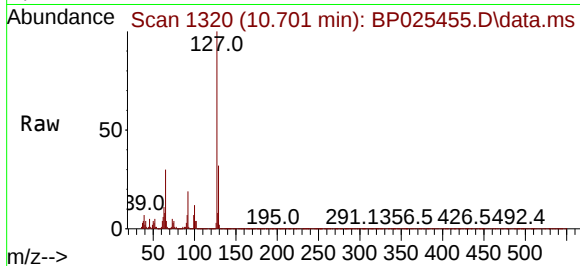




#33
4-Chloroaniline
Concen: 39.898 ng
RT: 10.701 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

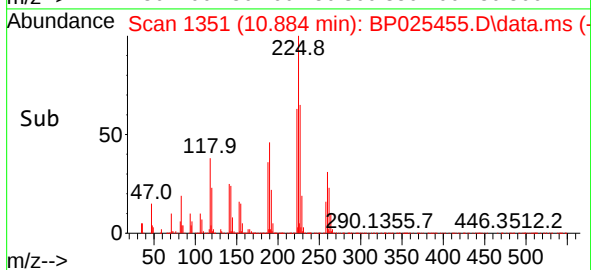
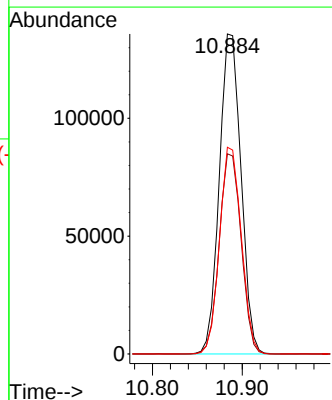
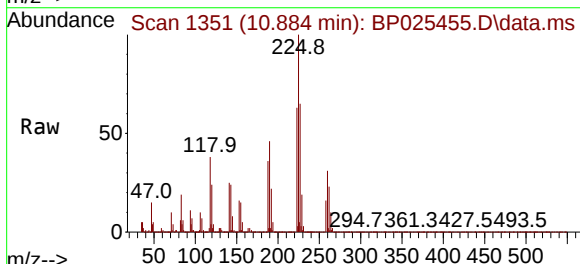
Instrument :
BNA_P
ClientSampleId :

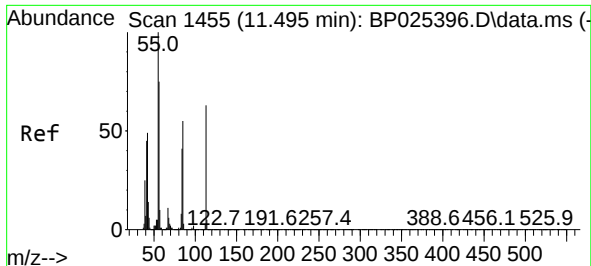
Tgt Ion:	127	Resp:	504246
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	29.9	23.8	35.6
92	19.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 39.190 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:	225	Resp:	228134
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	64.6	49.7	74.5

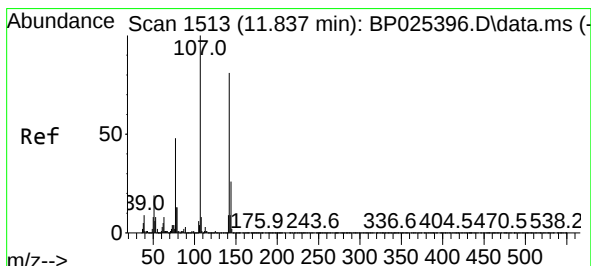
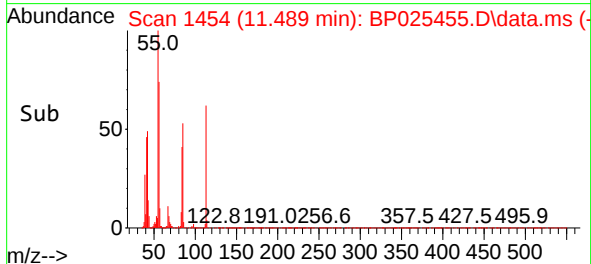
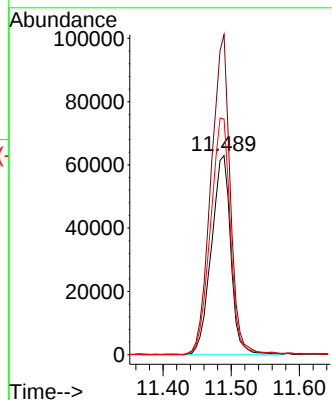
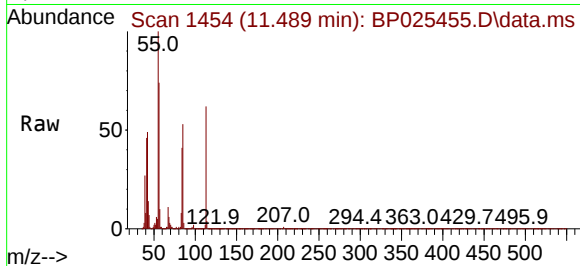




#35
Caprolactam
Concen: 39.821 ng
RT: 11.489 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

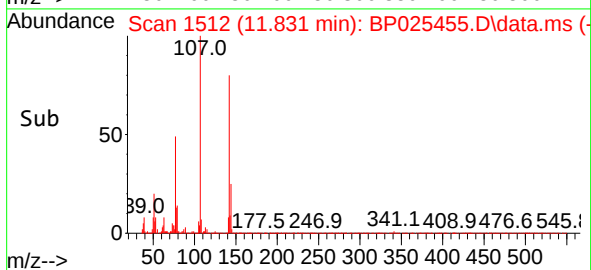
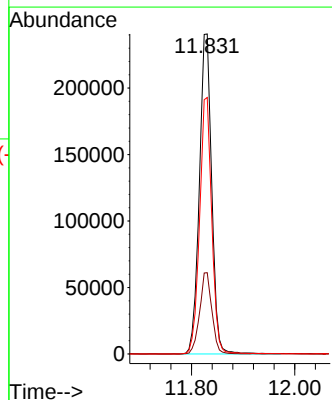
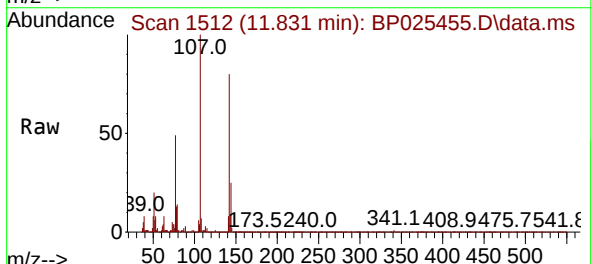
Instrument :
BNA_P
ClientSampleId :

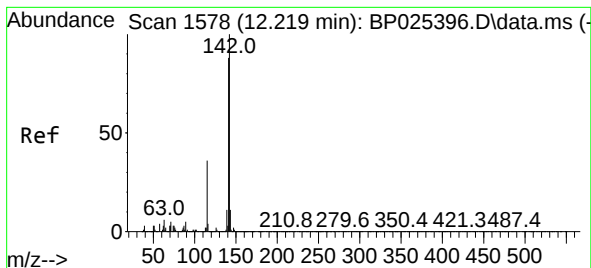
Tgt Ion	Ratio	Lower	Upper
113	100		
55	160.7	140.0	180.0
56	118.4	100.0	140.0



#36
4-Chloro-3-methylphenol
Concen: 40.814 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	80.1	64.6	97.0





#37

2-Methylnaphthalene

Concen: 39.503 ng

RT: 12.213 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

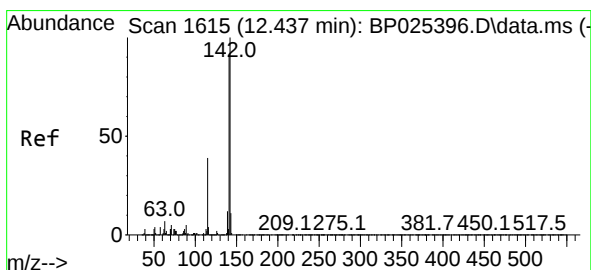
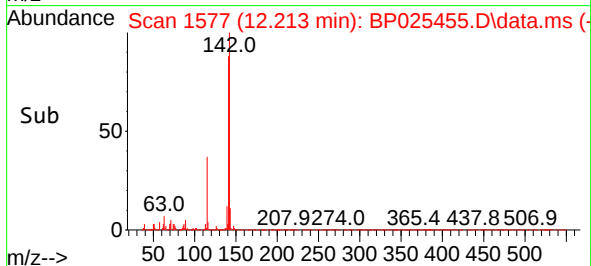
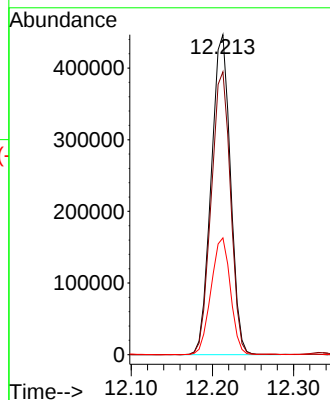
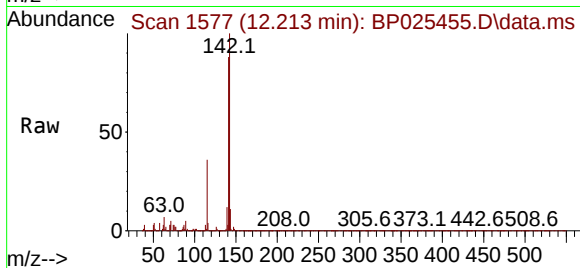
Tgt Ion:142 Resp: 735528

Ion Ratio Lower Upper

142 100

141 88.4 70.3 105.5

115 36.5 28.9 43.3



#38

1-Methylnaphthalene

Concen: 39.288 ng

RT: 12.425 min Scan# 1613

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

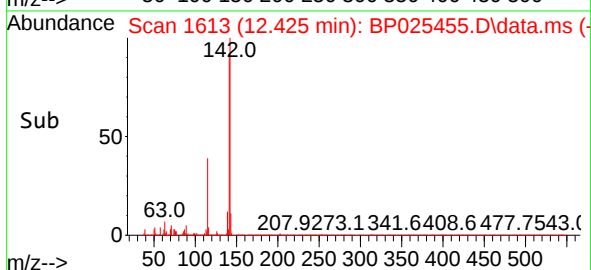
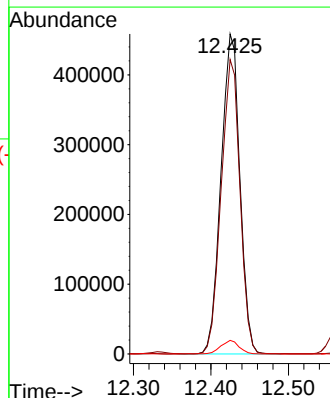
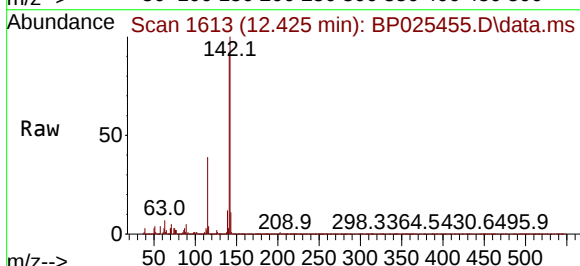
Tgt Ion:142 Resp: 777947

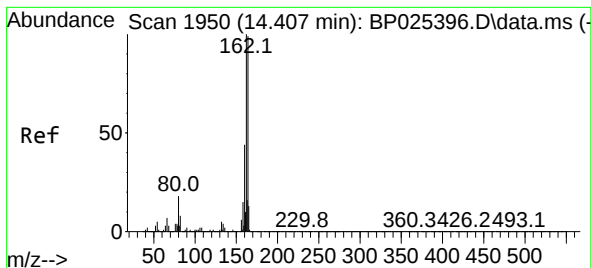
Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7

116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

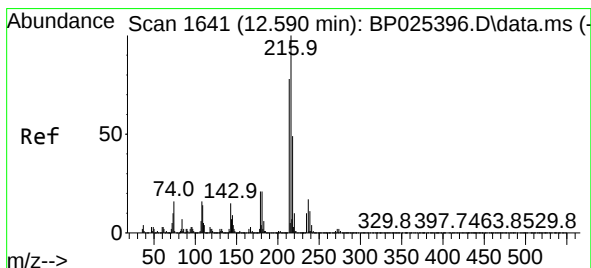
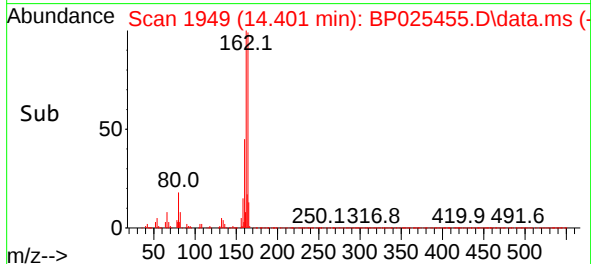
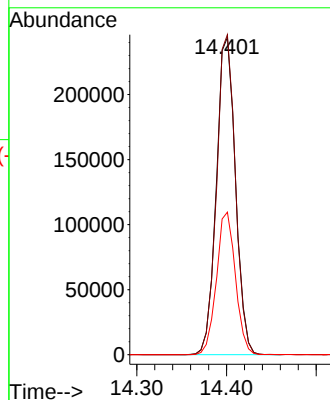
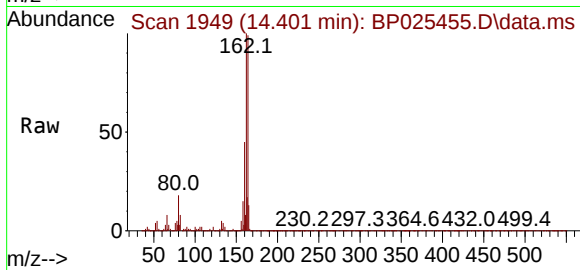
Tgt Ion:164 Resp: 359982

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

160 45.0 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.424 ng

RT: 12.578 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Tgt Ion:216 Resp: 409880

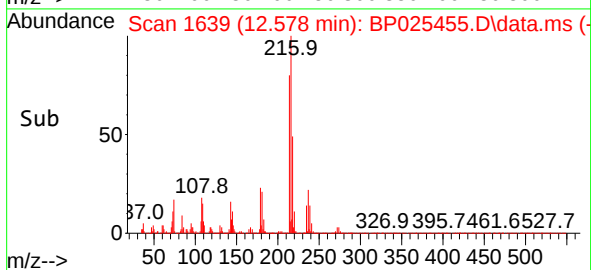
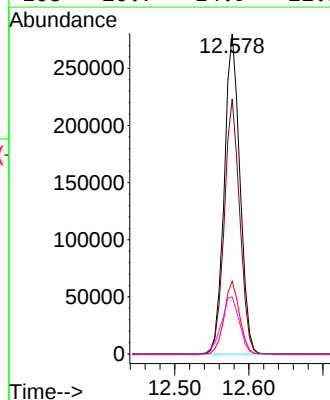
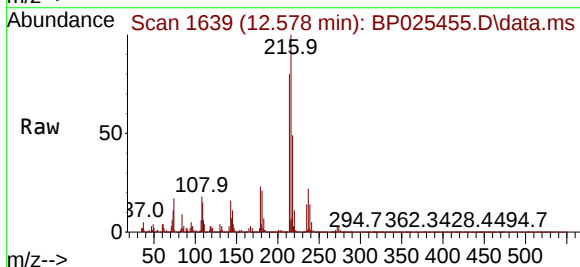
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 22.3 17.1 25.7

108 20.7 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 54.895 ng

RT: 12.560 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

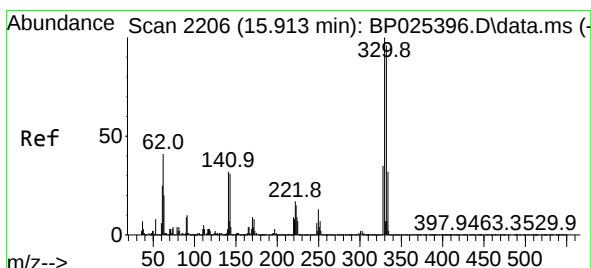
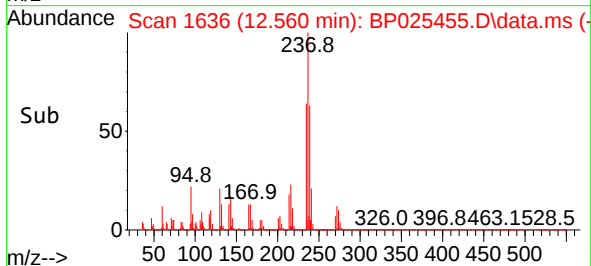
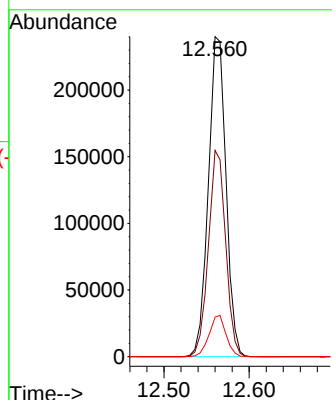
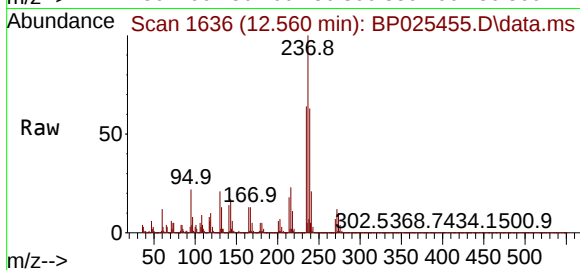
Tgt Ion:237 Resp: 344743

Ion Ratio Lower Upper

237 100

235 64.5 42.7 82.7

272 12.4 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 80.248 ng

RT: 15.901 min Scan# 2204

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

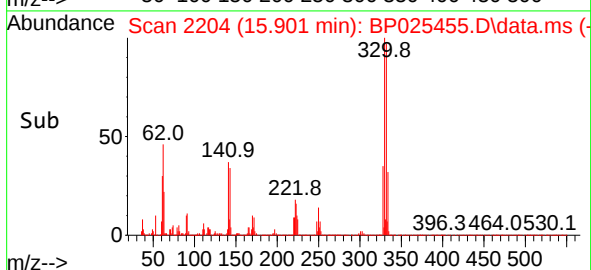
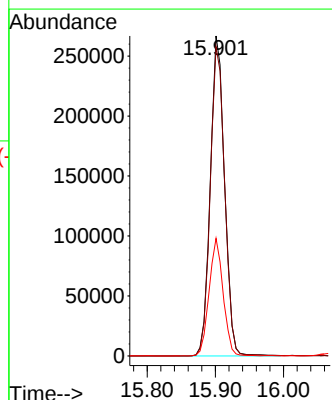
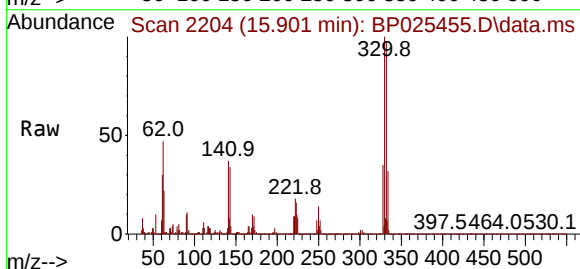
Tgt Ion:330 Resp: 388835

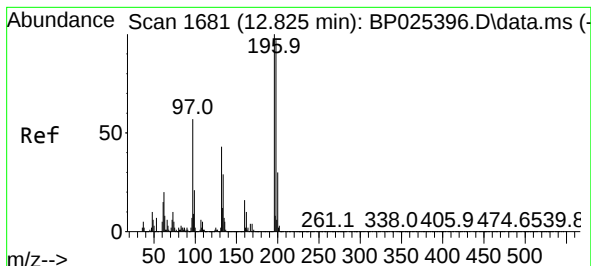
Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 36.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 41.762 ng

RT: 12.819 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

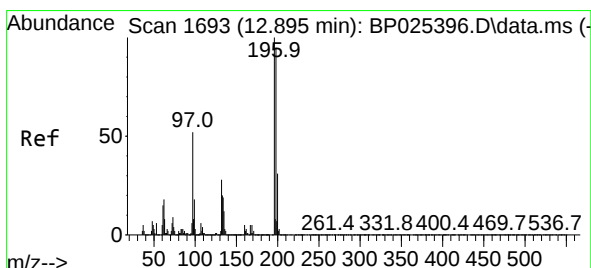
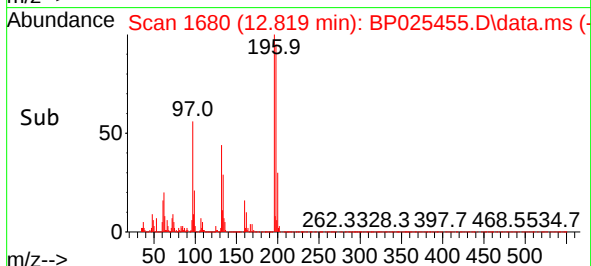
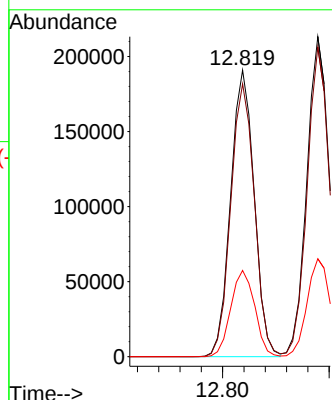
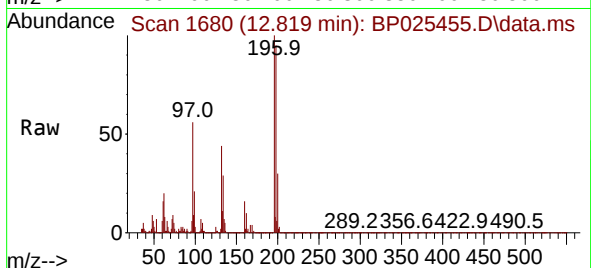
Tgt Ion:196 Resp: 293126

Ion Ratio Lower Upper

196 100

198 95.2 77.2 115.8

200 30.1 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 41.507 ng

RT: 12.889 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Tgt Ion:196 Resp: 319297

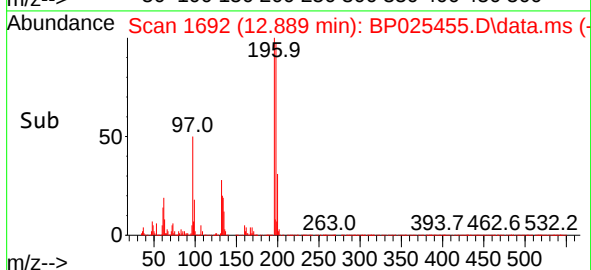
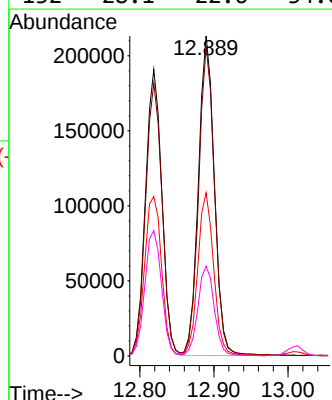
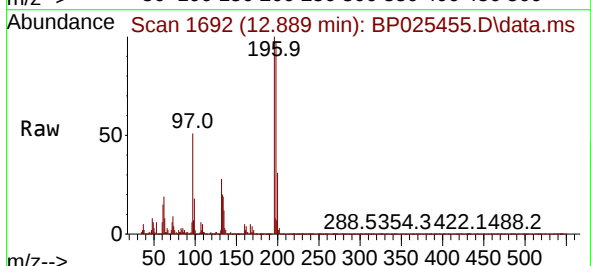
Ion Ratio Lower Upper

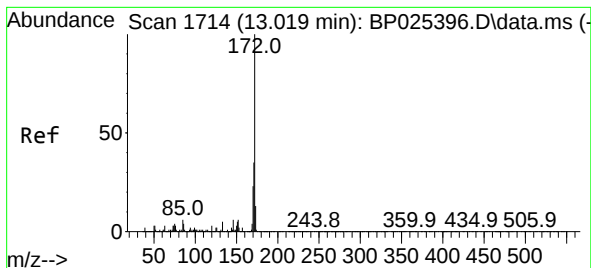
196 100

198 96.8 76.2 114.2

97 51.0 41.2 61.8

132 28.1 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 78.546 ng

RT: 13.013 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

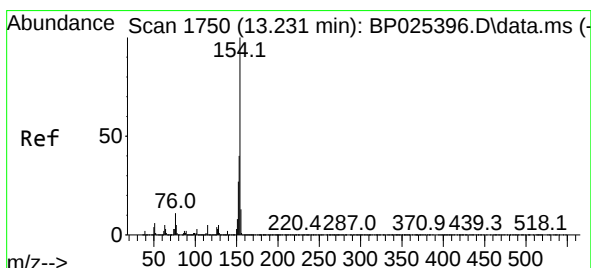
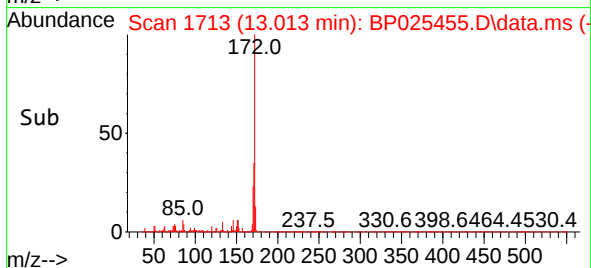
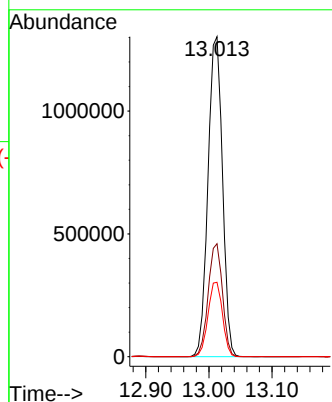
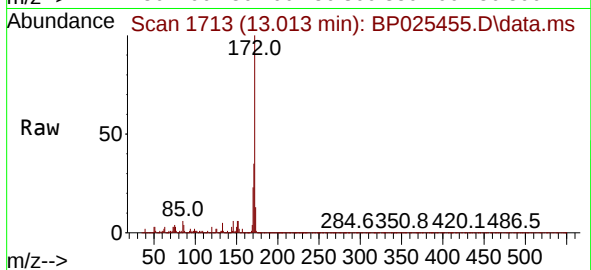
Tgt Ion:172 Resp: 2068879

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.137 ng

RT: 13.225 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

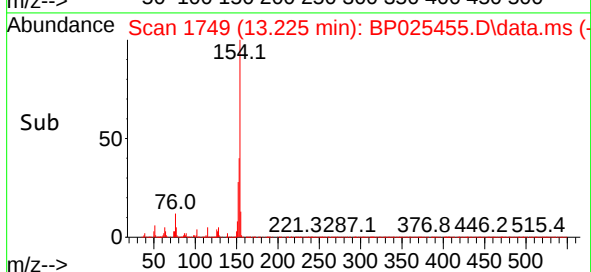
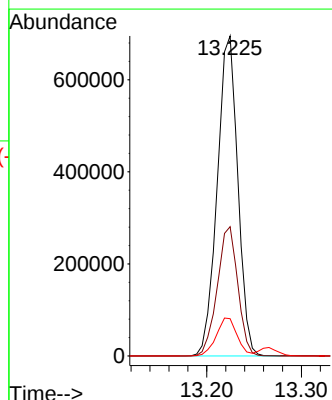
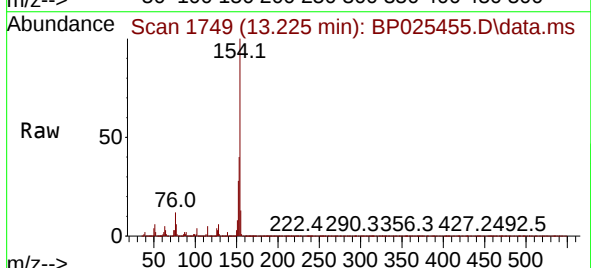
Tgt Ion:154 Resp: 1049348

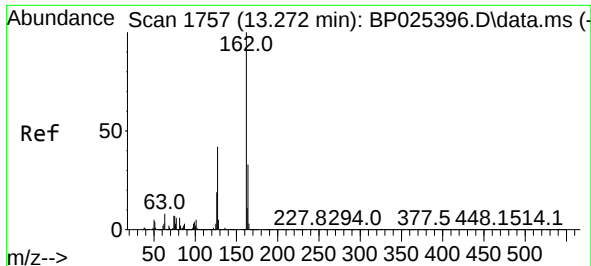
Ion Ratio Lower Upper

154 100

153 40.4 19.5 59.5

76 11.7 0.0 31.1

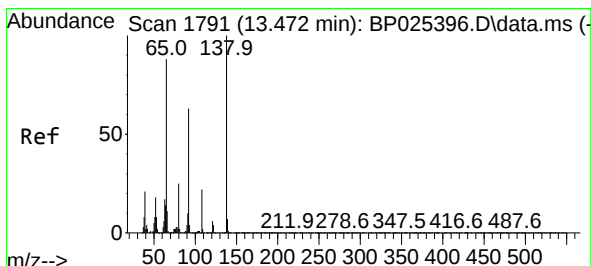
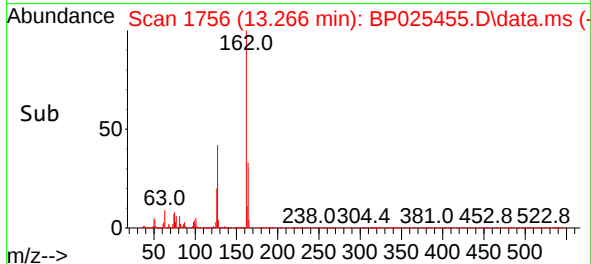
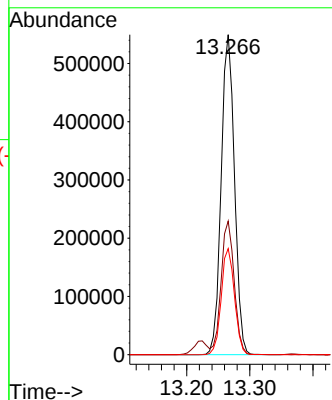
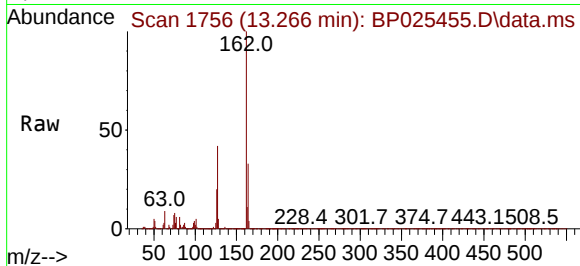




#47
2-Chloronaphthalene
Concen: 39.638 ng
RT: 13.266 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

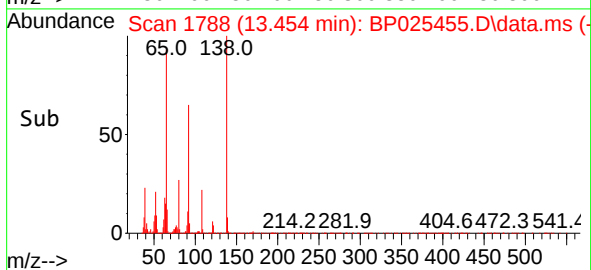
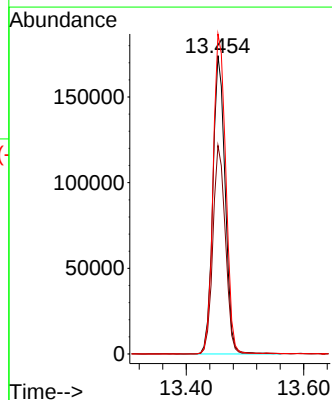
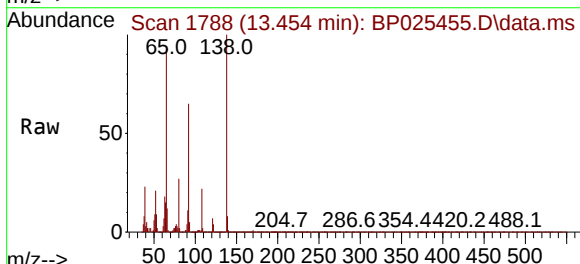
Instrument :
BNA_P
ClientSampleId :

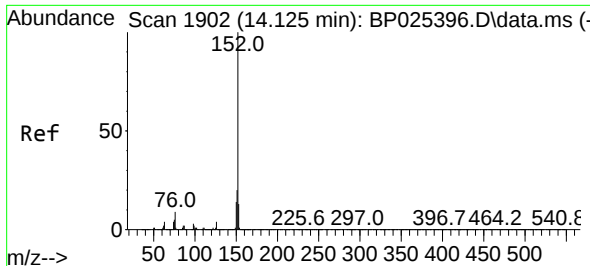
Tgt Ion:162 Resp: 806752
Ion Ratio Lower Upper
162 100
127 41.8 33.4 50.2
164 33.2 26.2 39.2



#48
2-Nitroaniline
Concen: 42.761 ng
RT: 13.454 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 65 Resp: 253588
Ion Ratio Lower Upper
65 100
92 69.9 57.6 86.4
138 107.2 91.0 136.6

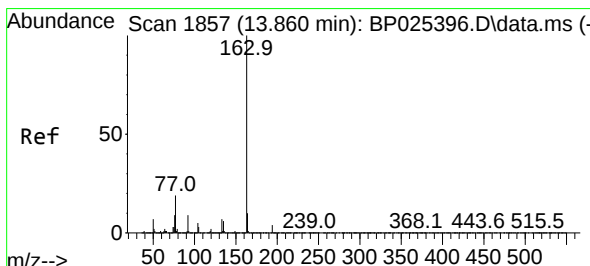
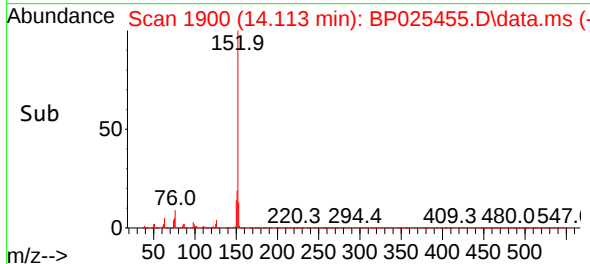
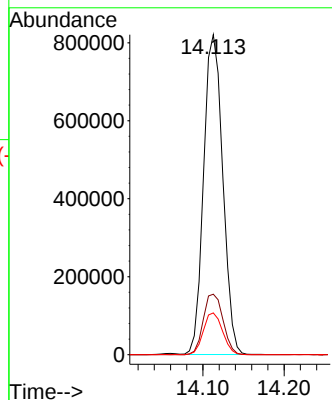
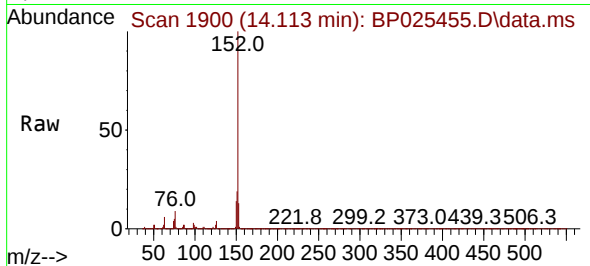




#49
Acenaphthylene
Concen: 39.870 ng
RT: 14.113 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

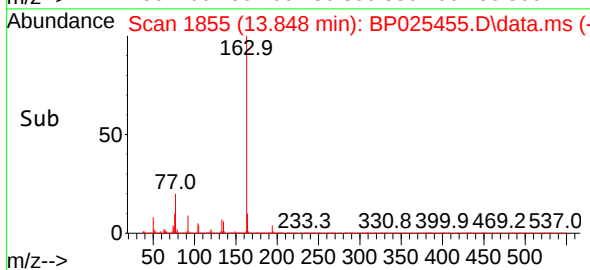
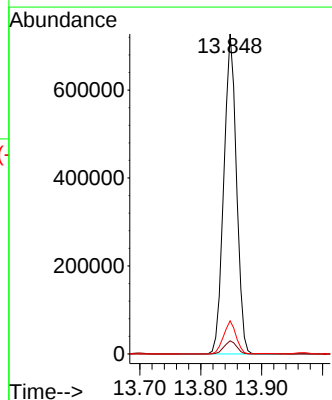
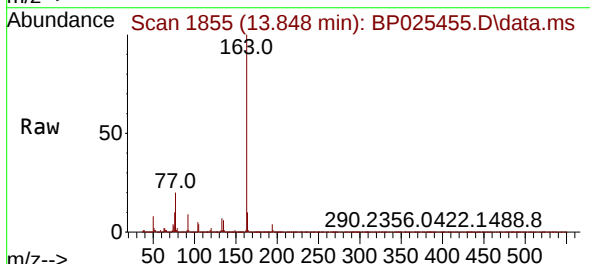
Instrument :
BNA_P
ClientSampleId :

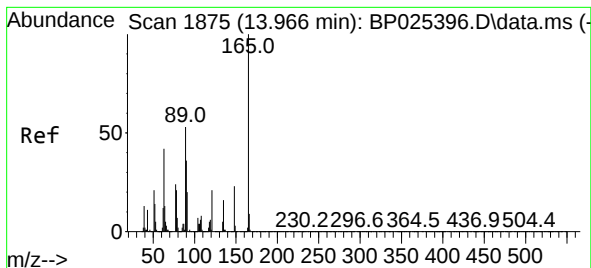
Tgt Ion:152 Resp: 1342750
Ion Ratio Lower Upper
152 100
151 18.9 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 39.777 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:163 Resp: 1048563
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 7.9 11.9

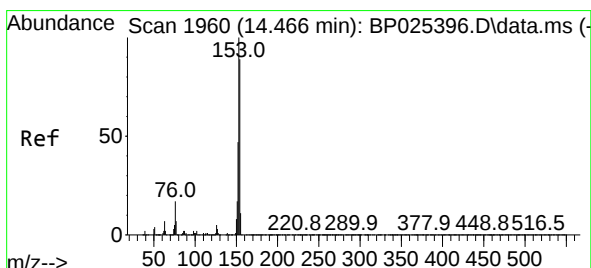
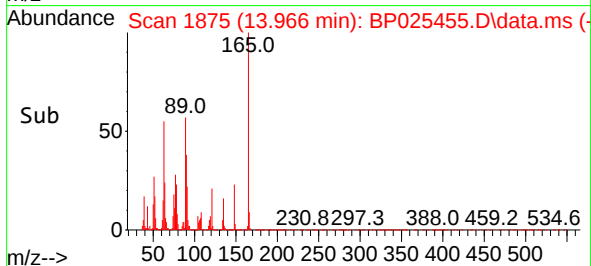
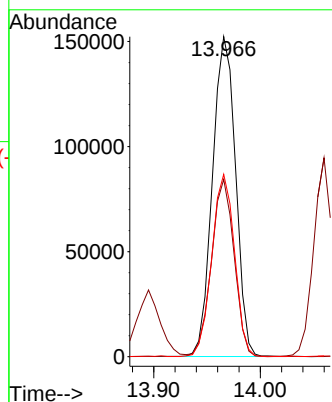
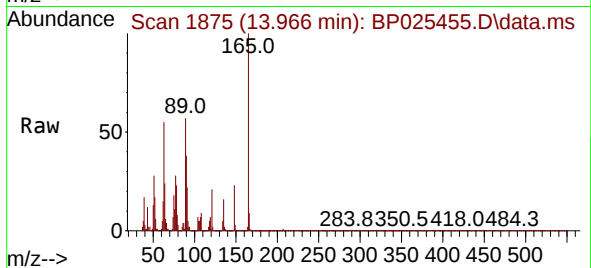




#51
2,6-Dinitrotoluene
Concen: 41.304 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

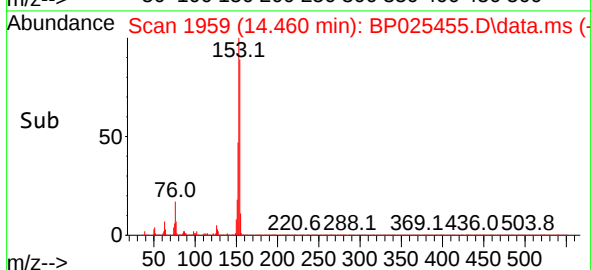
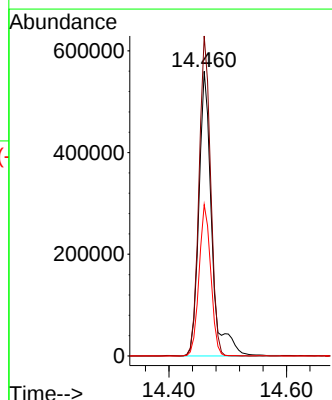
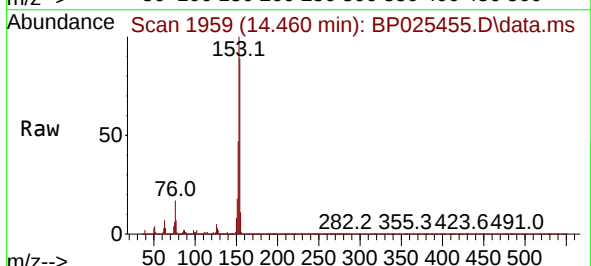
Instrument :
BNA_P
ClientSampleId :

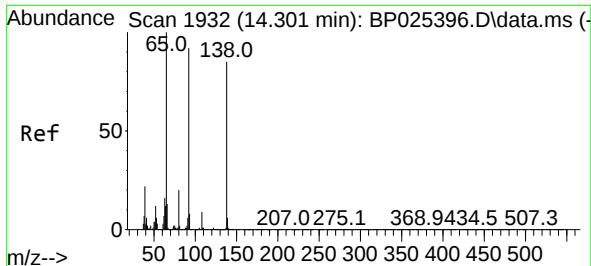
Tgt Ion:165 Resp: 229491
Ion Ratio Lower Upper
165 100
63 55.4 40.9 61.3
89 57.0 42.1 63.1



#52
Acenaphthene
Concen: 42.757 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:154 Resp: 845228
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.2
152 53.2 42.1 63.1

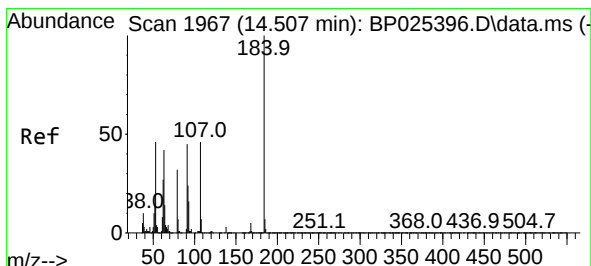
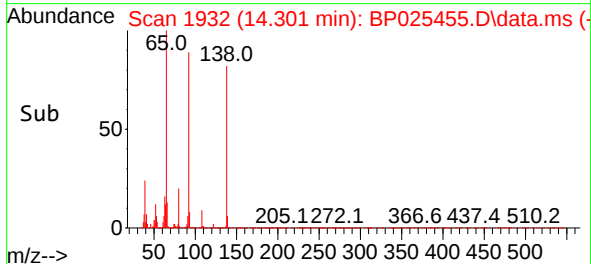
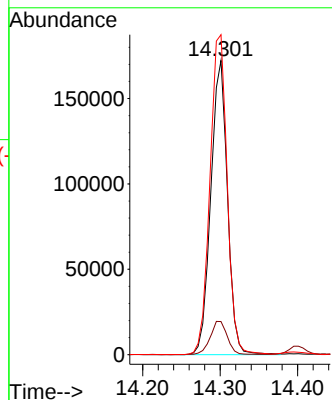
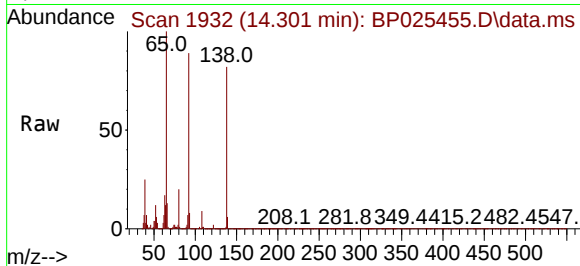




#53
3-Nitroaniline
Concen: 41.176 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

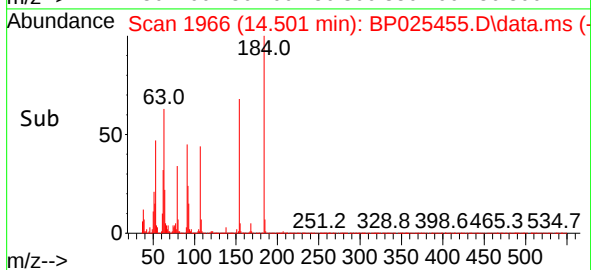
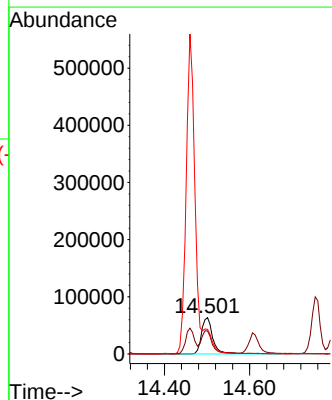
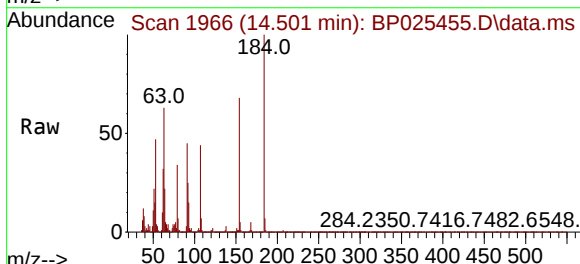
Instrument :
BNA_P
ClientSampleId :

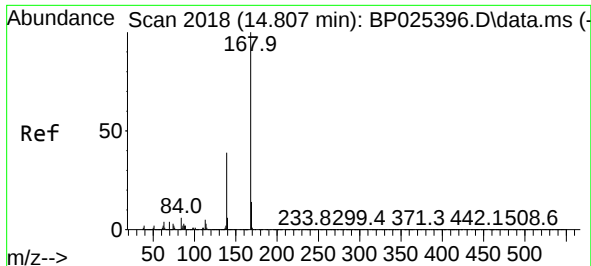
Tgt Ion:138 Resp: 257397
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 108.8 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 40.428 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:184 Resp: 119955
Ion Ratio Lower Upper
184 100
63 63.3 49.4 74.2
154 67.6 54.6 82.0

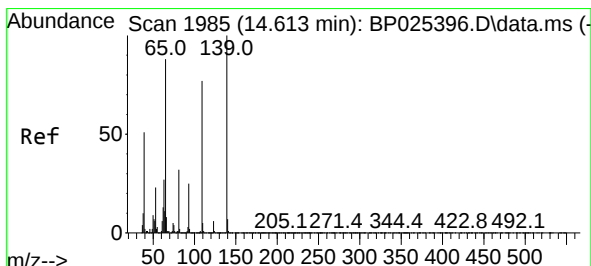
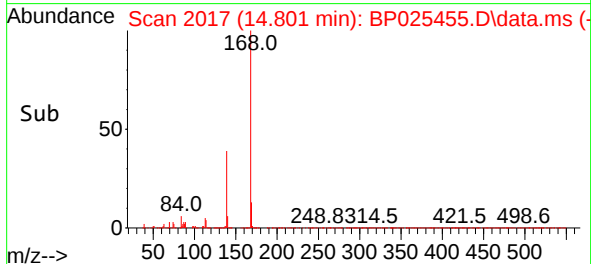
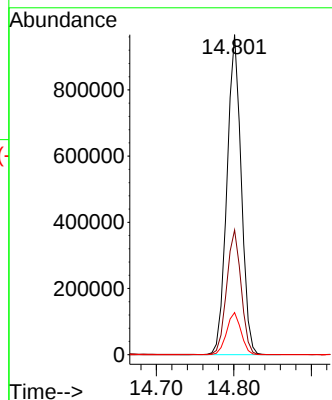
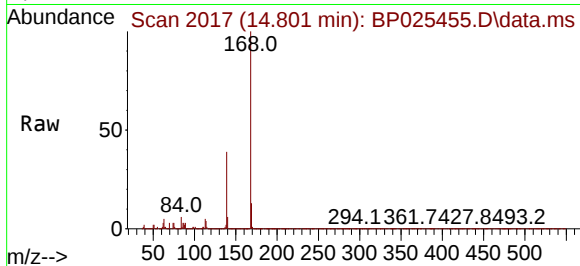




#55
Dibenzenofuran
Concen: 39.550 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

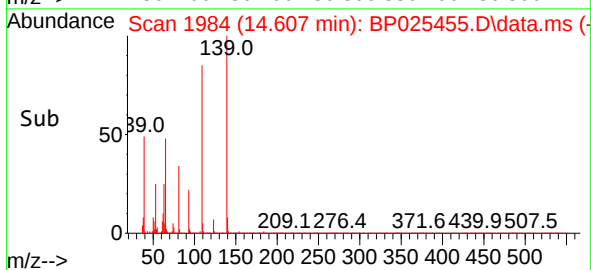
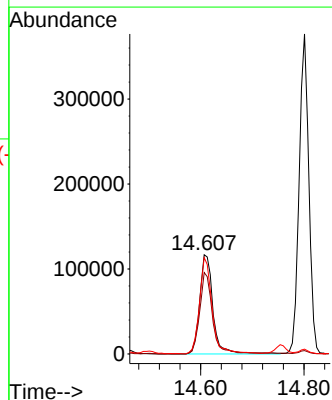
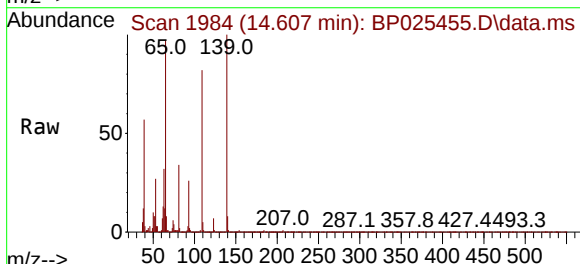
Instrument :
BNA_P
ClientSampleId :

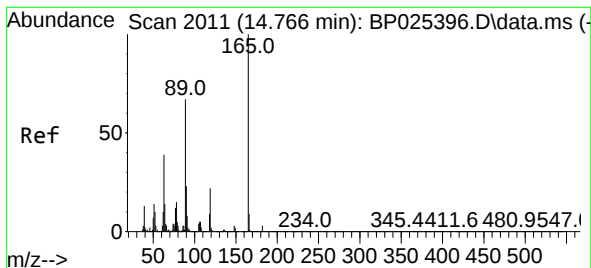
Tgt Ion:168 Resp: 1236093
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 40.596 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:139 Resp: 208534
Ion Ratio Lower Upper
139 100
109 82.1 56.6 96.6
65 97.0 68.2 108.2

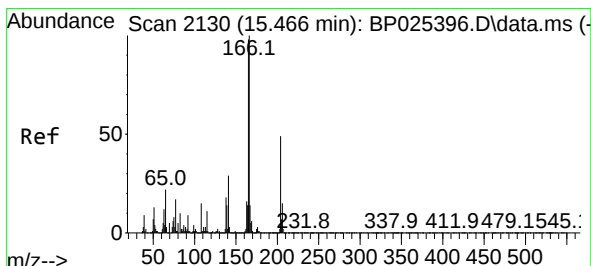
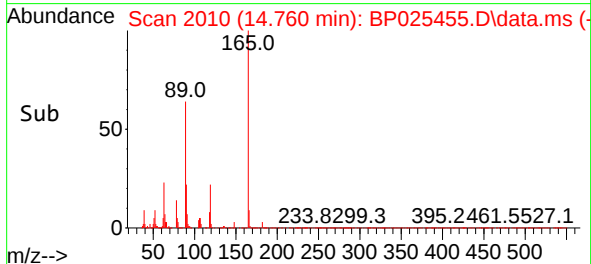
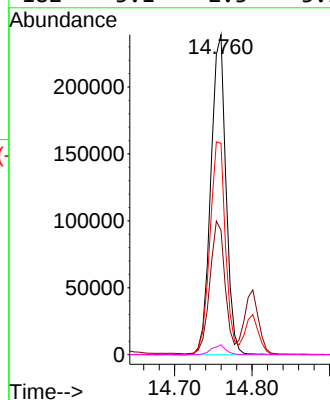
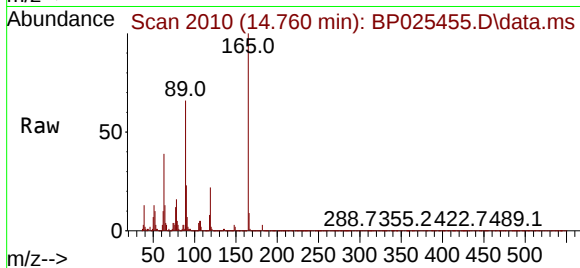




#57
2,4-Dinitrotoluene
Concen: 40.870 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

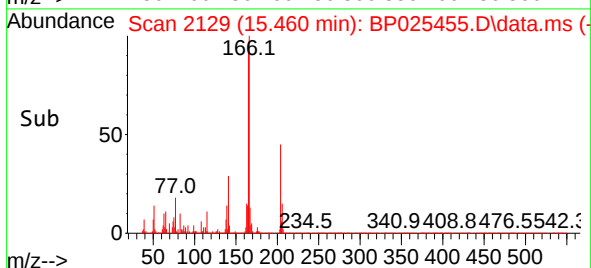
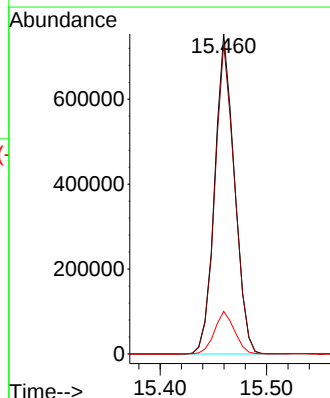
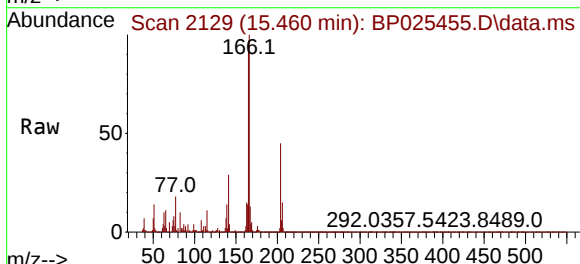
Instrument :
BNA_P
ClientSampleId :

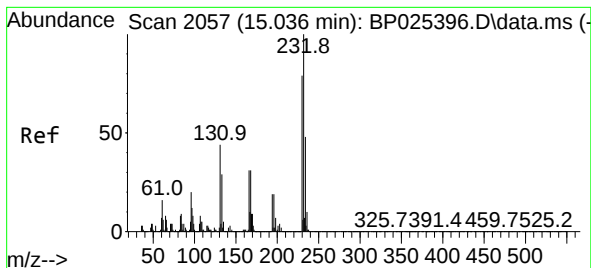
Tgt Ion:	165	Resp:	323986
Ion Ratio	Lower	Upper	
165	100		
63	38.9	31.4	47.2
89	66.0	53.3	79.9
182	3.1	2.3	3.5



#58
Fluorene
Concen: 39.335 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:	166	Resp:	970073
Ion Ratio	Lower	Upper	
166	100		
165	97.0	78.8	118.2
167	13.3	11.0	16.4

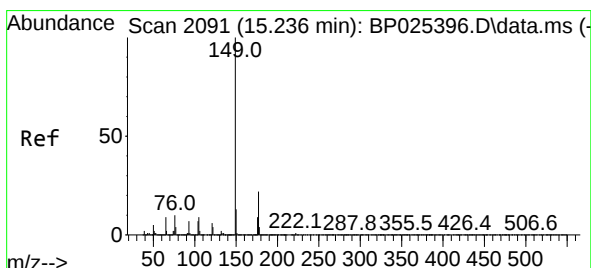
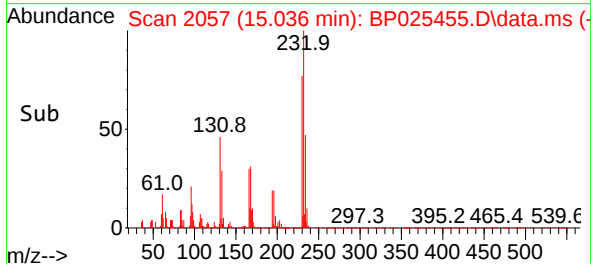
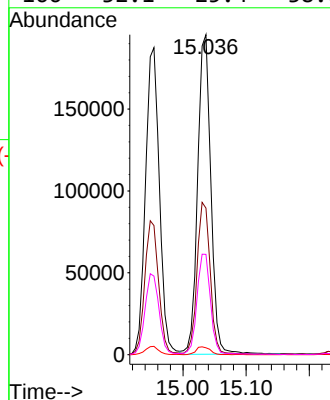
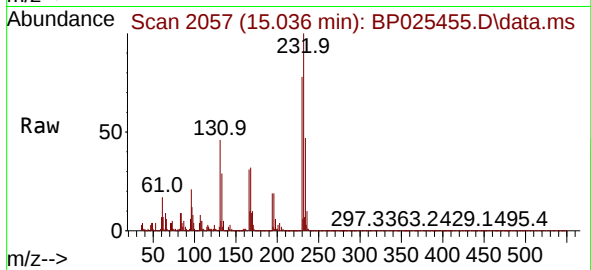




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.840 ng
RT: 15.036 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

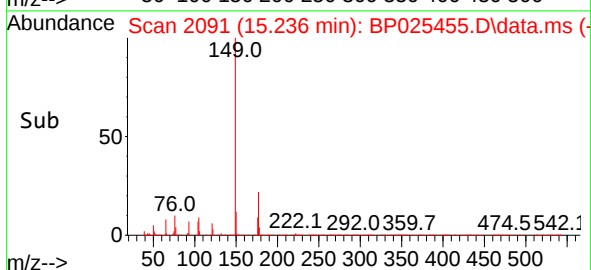
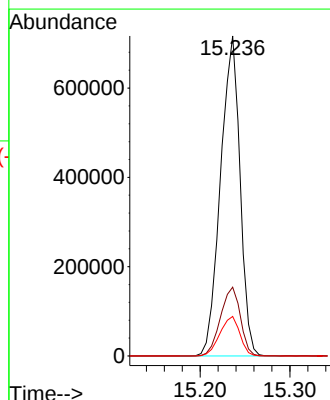
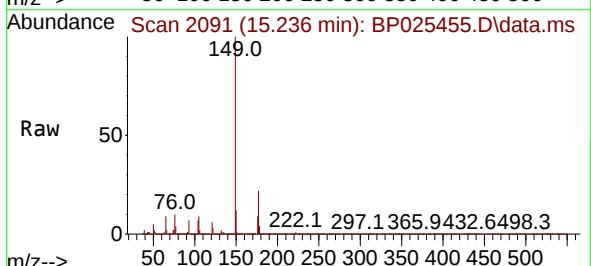
Instrument :
BNA_P
ClientSampleId :

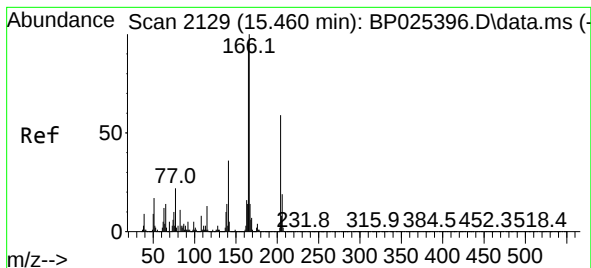
Tgt Ion:232	Resp:	284196
Ion Ratio	Lower	Upper
232	100	
131	47.1	37.0 55.6
130	2.7	1.9 2.9
166	32.1	25.4 38.0



#60
Diethylphthalate
Concen: 40.313 ng
RT: 15.236 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:149	Resp:	1079798
Ion Ratio	Lower	Upper
149	100	
177	21.5	17.3 25.9
150	12.3	10.3 15.5

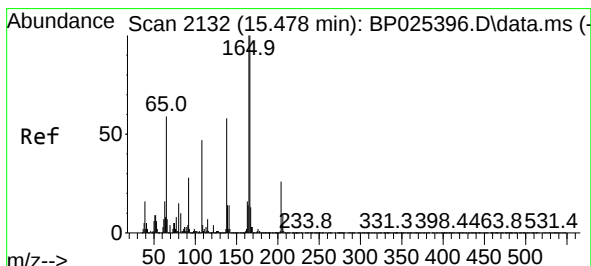
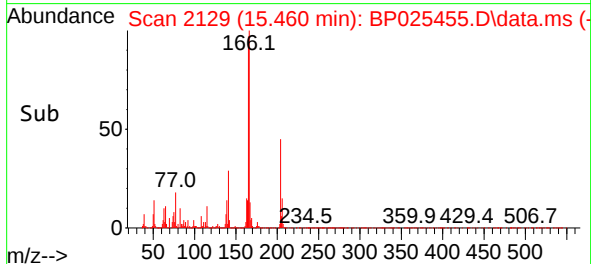
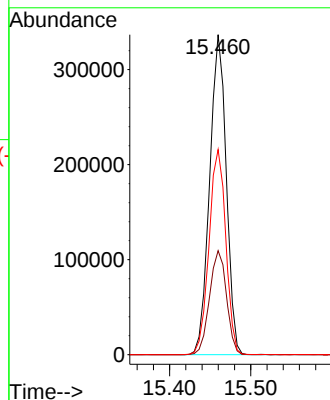
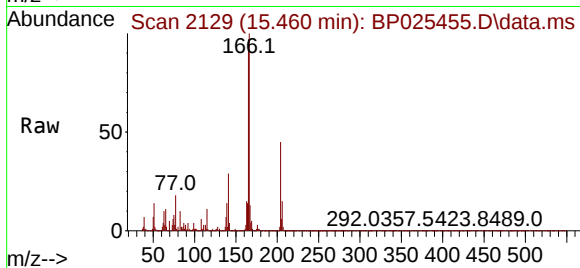




#61
4-Chlorophenyl-phenylether
Concen: 38.912 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

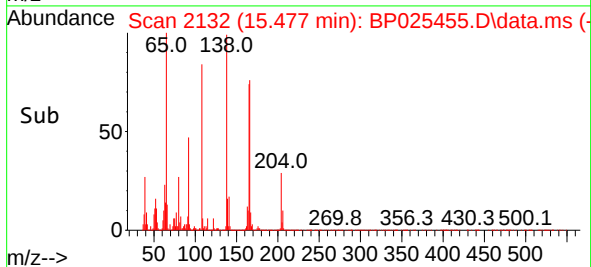
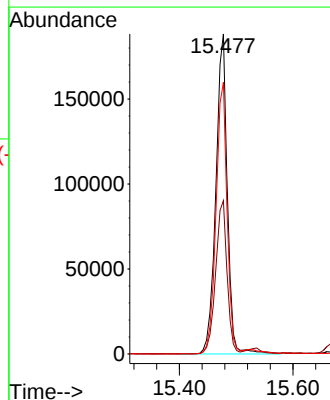
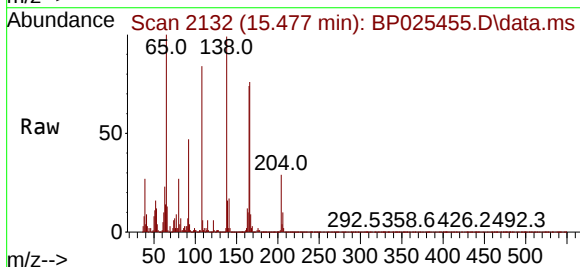
Instrument :
BNA_P
ClientSampleId :

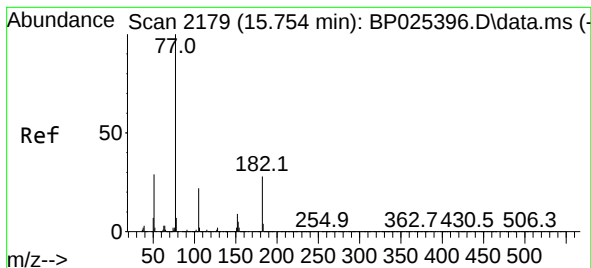
Tgt Ion:204 Resp: 477262
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 64.1 49.4 74.2



#62
4-Nitroaniline
Concen: 40.974 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:138 Resp: 262587
Ion Ratio Lower Upper
138 100
92 47.9 29.1 69.1
108 84.9 61.5 101.5





#63

Azobenzene

Concen: 41.644 ng

RT: 15.754 min Scan# 2179

Delta R.T. -0.000 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 77 Resp: 955133

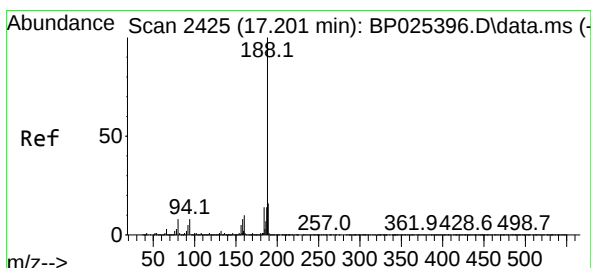
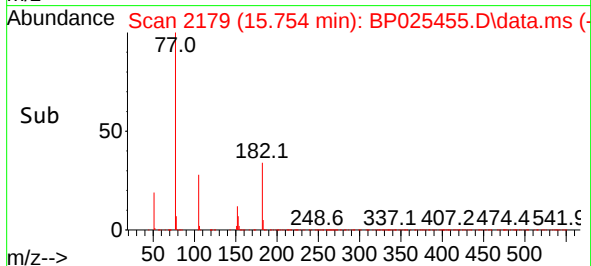
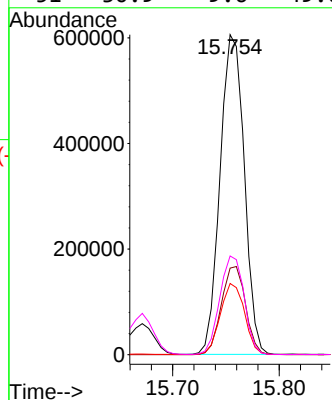
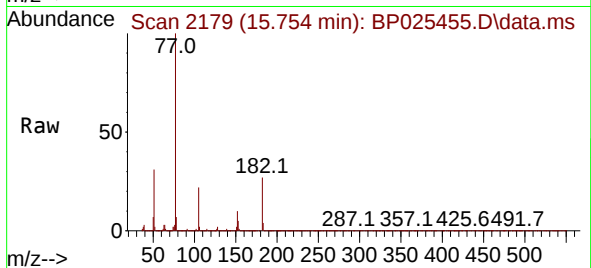
Ion Ratio Lower Upper

77 100

182 27.1 7.5 47.5

105 22.2 2.1 42.1

51 30.9 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

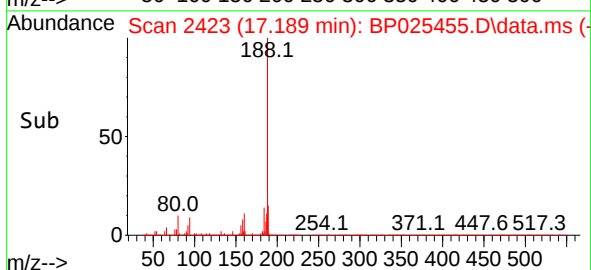
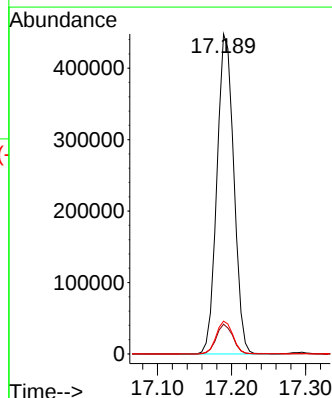
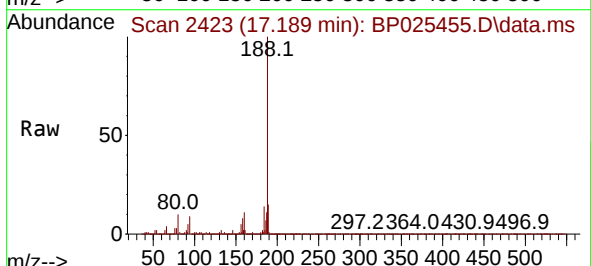
Tgt Ion:188 Resp: 707933

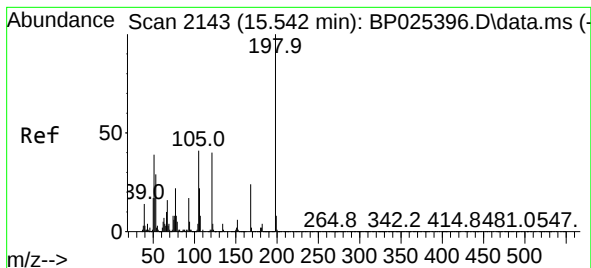
Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 10.2 6.7 10.1#

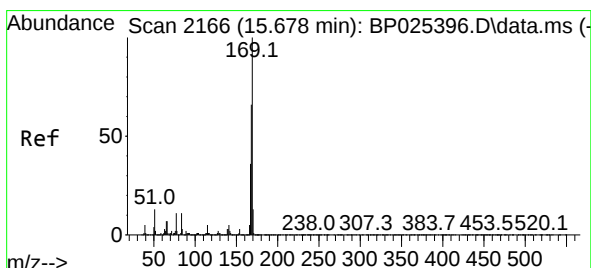
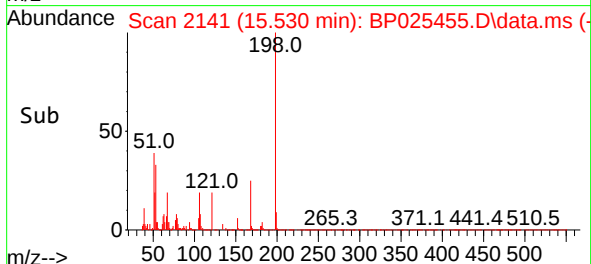
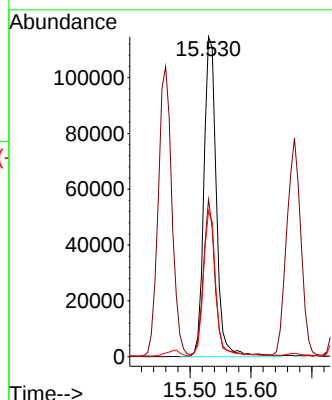
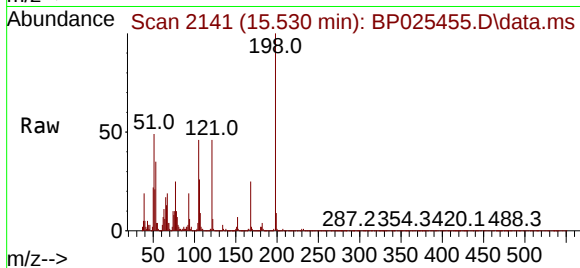




#65
4,6-Dinitro-2-methylphenol
Concen: 37.107 ng
RT: 15.530 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

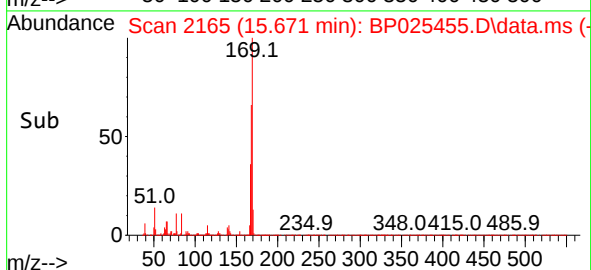
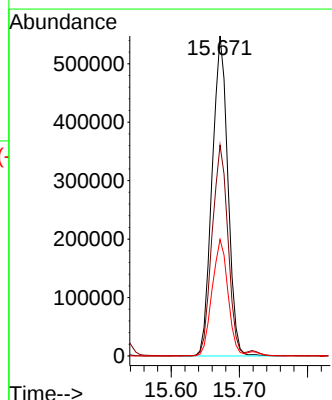
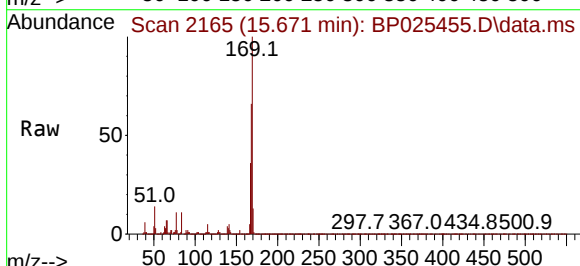
Instrument :
BNA_P
ClientSampleId :

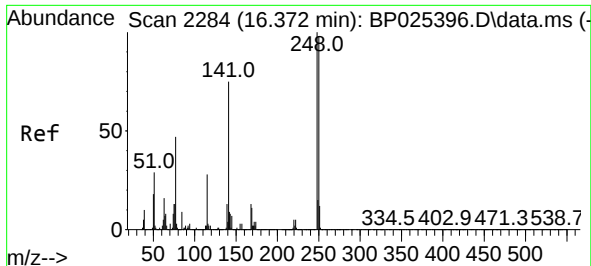
Tgt Ion:198 Resp: 163748
Ion Ratio Lower Upper
198 100
51 49.1 19.6 59.6
105 45.6 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 40.848 ng
RT: 15.671 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:169 Resp: 881828
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.4 28.7 43.1

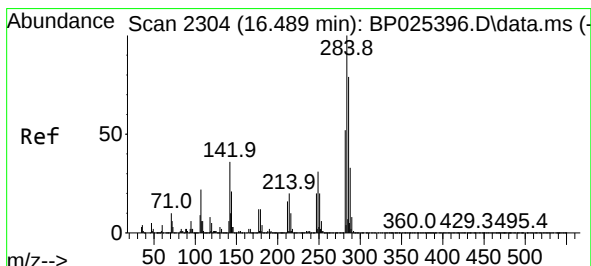
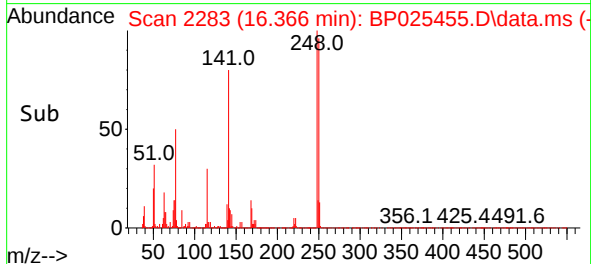
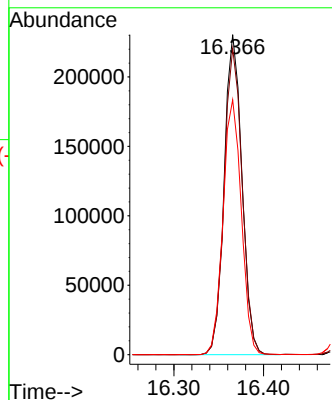
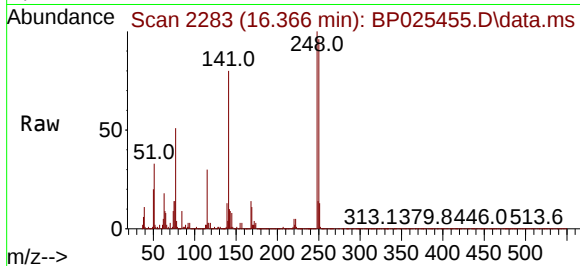




#67
4-Bromophenyl-phenylether
Concen: 40.681 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

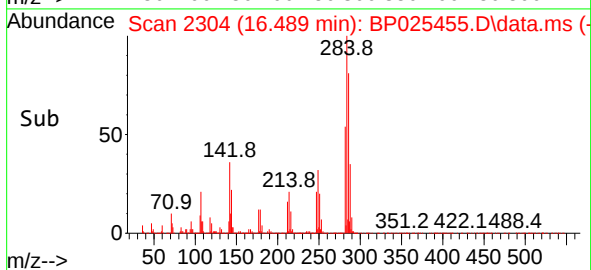
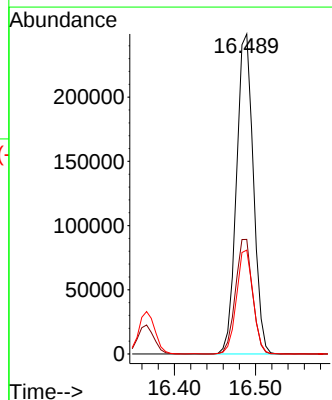
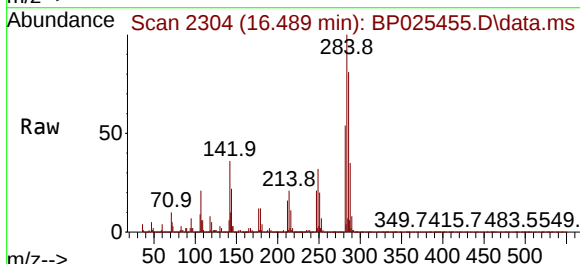
Instrument :
BNA_P
ClientSampleId :

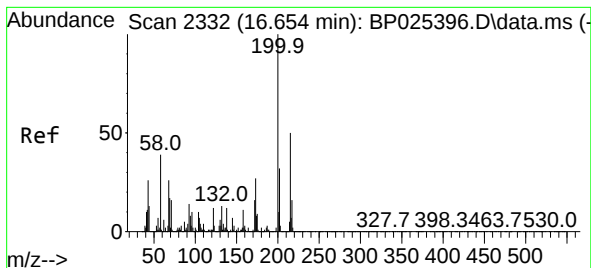
Tgt Ion:248 Resp: 316740
Ion Ratio Lower Upper
248 100
250 95.7 78.2 117.2
141 79.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 39.631 ng
RT: 16.489 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:284 Resp: 357689
Ion Ratio Lower Upper
284 100
142 35.8 29.1 43.7
249 32.5 25.0 37.4





#69

Atrazine

Concen: 40.719 ng

RT: 16.642 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

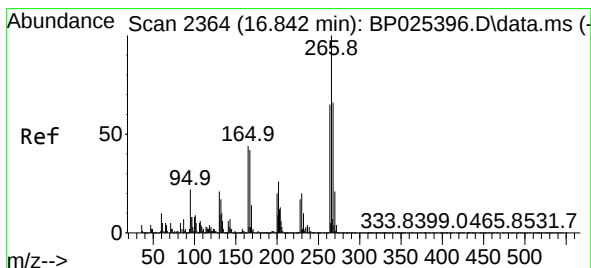
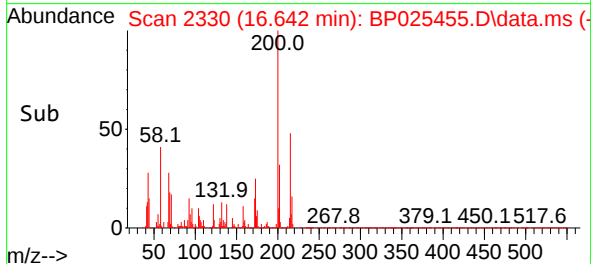
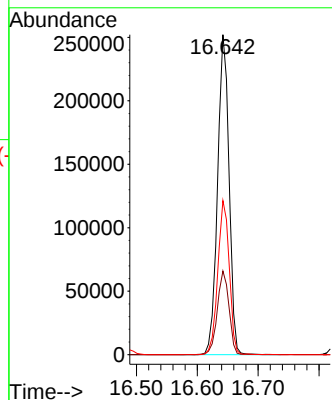
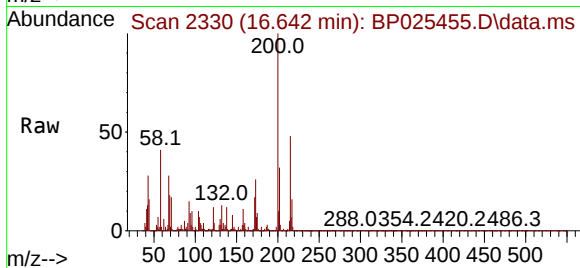
Tgt Ion:200 Resp: 329195

Ion Ratio Lower Upper

200 100

173 26.2 6.7 46.7

215 48.1 29.7 69.7



#70

Pentachlorophenol

Concen: 38.345 ng

RT: 16.836 min Scan# 2363

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

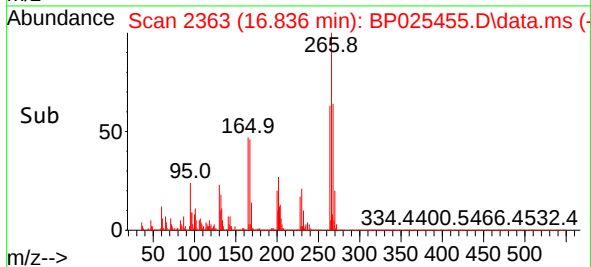
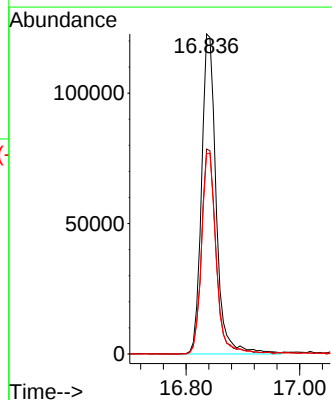
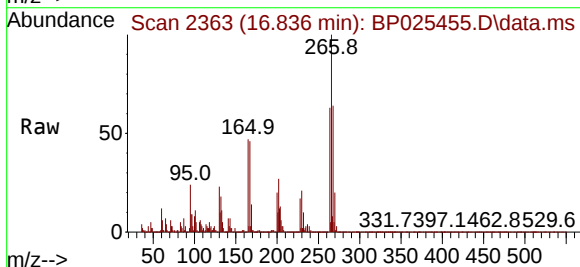
Tgt Ion:266 Resp: 218464

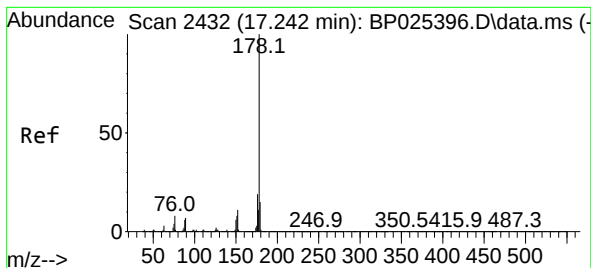
Ion Ratio Lower Upper

266 100

268 64.1 52.6 79.0

264 62.5 52.0 78.0





#71

Phenanthrene

Concen: 40.940 ng

RT: 17.236 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

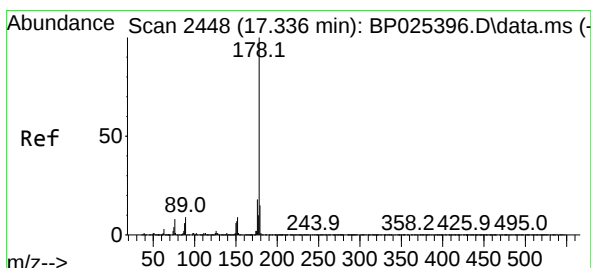
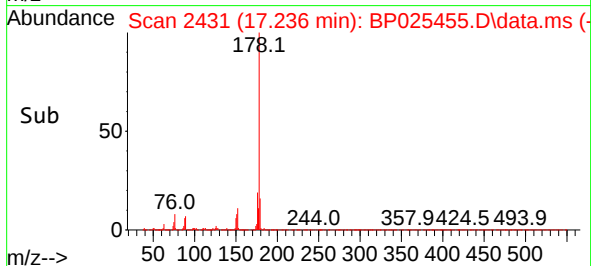
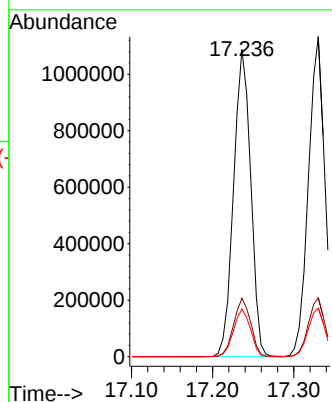
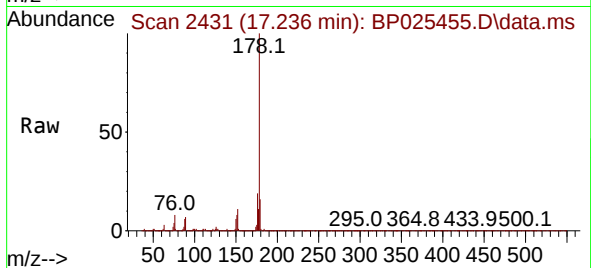
Tgt Ion:178 Resp: 1592132

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.5 12.2 18.4



#72

Anthracene

Concen: 40.573 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

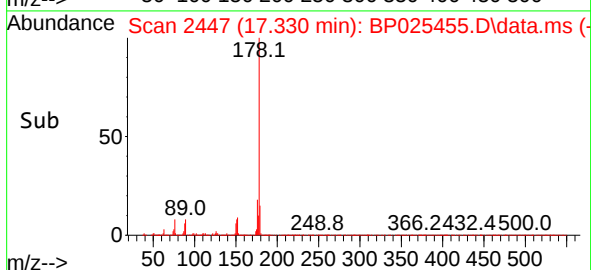
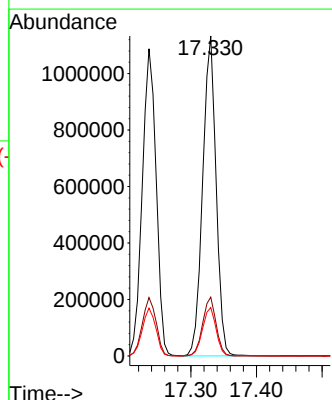
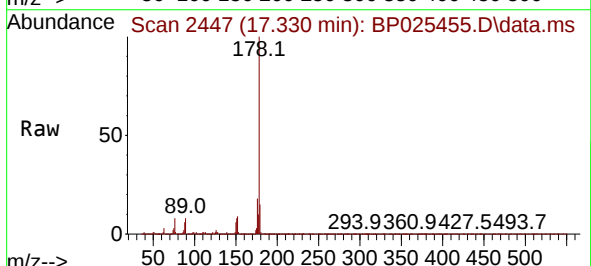
Tgt Ion:178 Resp: 1611288

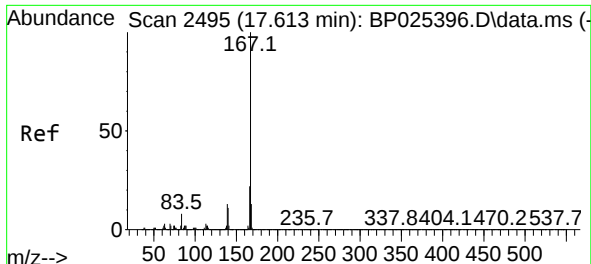
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

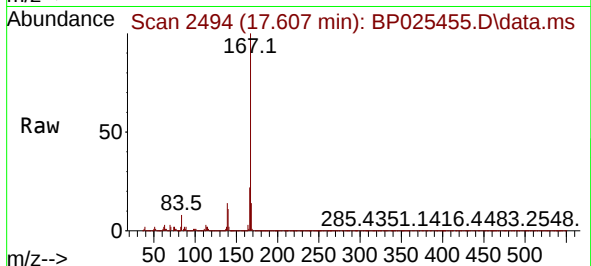
179 15.1 12.2 18.2



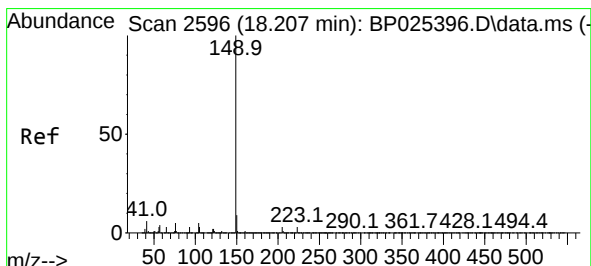
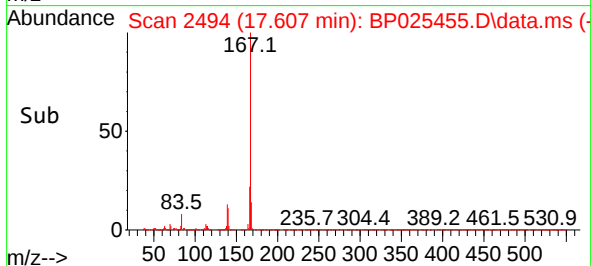
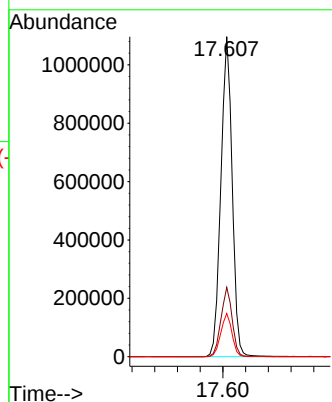


#73
 Carbazole
 Concen: 40.458 ng
 RT: 17.607 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP025455.D
 Acq: 18 Aug 2025 10:39

Instrument :
 BNA_P
 ClientSampleId :

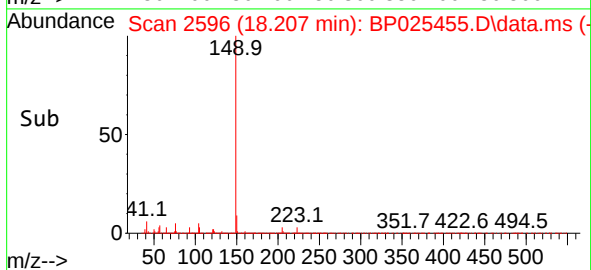
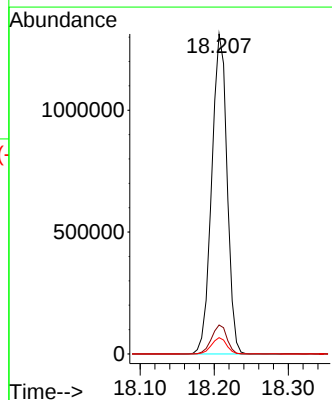
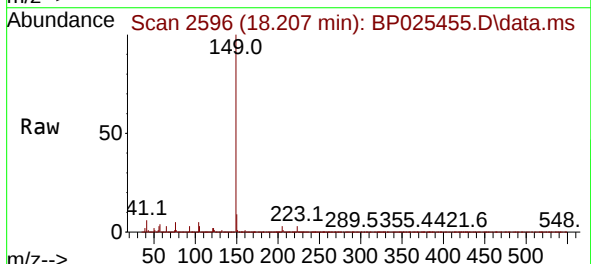


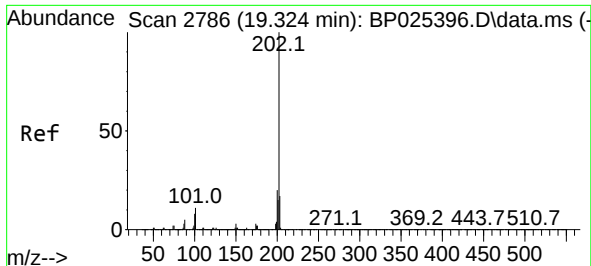
Tgt Ion:167 Resp: 1513389
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.042 ng
 RT: 18.207 min Scan# 2596
 Delta R.T. -0.000 min
 Lab File: BP025455.D
 Acq: 18 Aug 2025 10:39

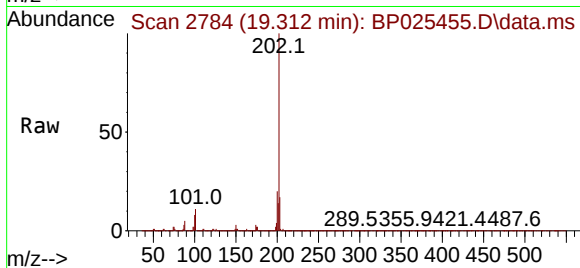
Tgt Ion:149 Resp: 1888886
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.2 6.2



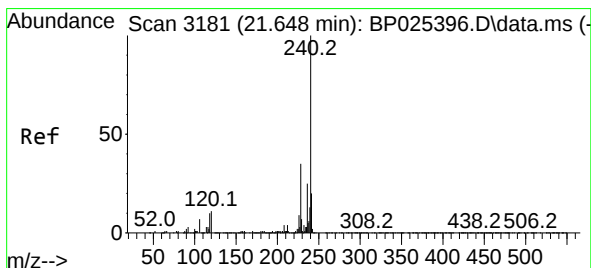
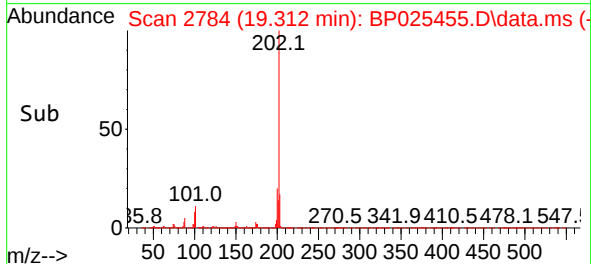
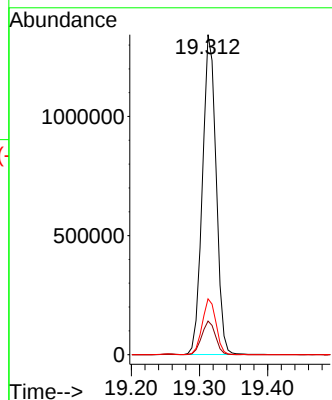


#75
Fluoranthene
Concen: 40.441 ng
RT: 19.312 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :
BNA_P
ClientSampleId :

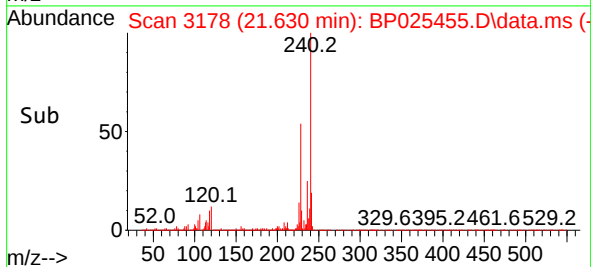
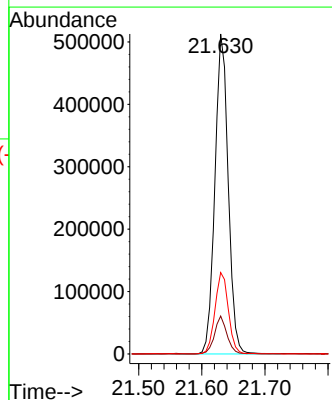
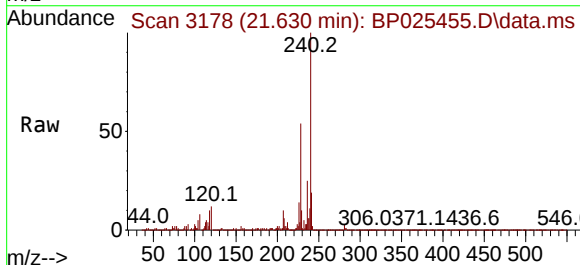


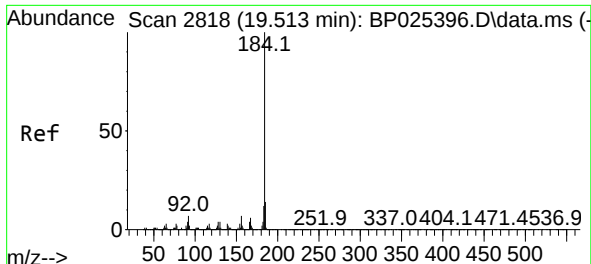
Tgt Ion:202 Resp: 1875973
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:240 Resp: 748424
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.5 19.8 29.8

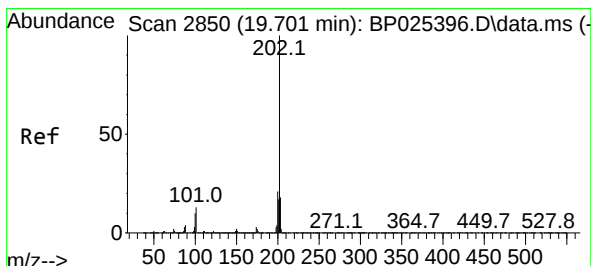
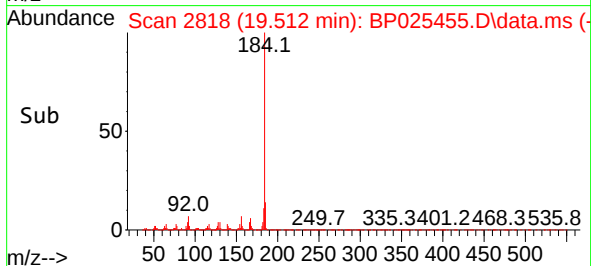
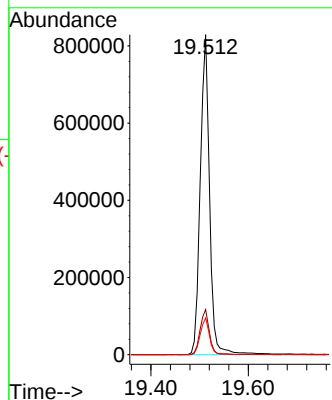
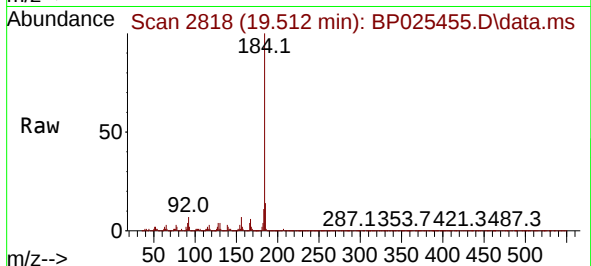




#77
Benzidine
Concen: 43.129 ng
RT: 19.512 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

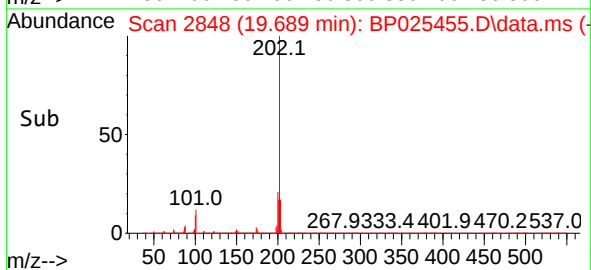
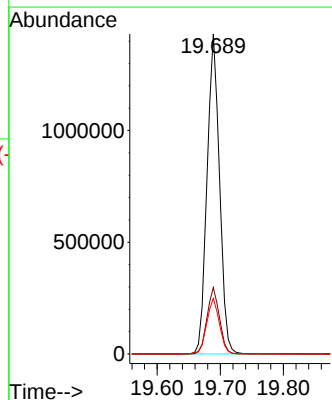
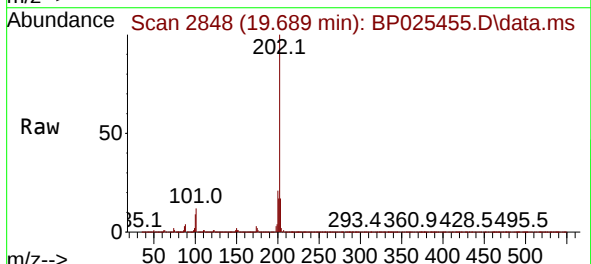
Instrument :
BNA_P
ClientSampleId :

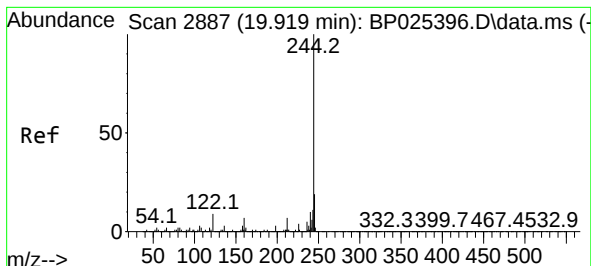
Tgt Ion:184 Resp: 1101599
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.5 9.4 14.2



#78
Pyrene
Concen: 40.302 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:202 Resp: 1960510
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 79.354 ng

RT: 19.918 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

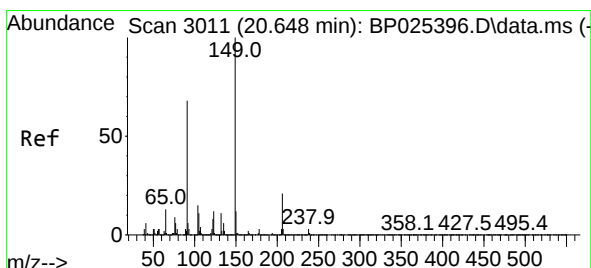
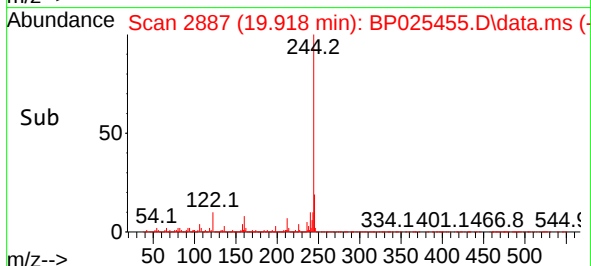
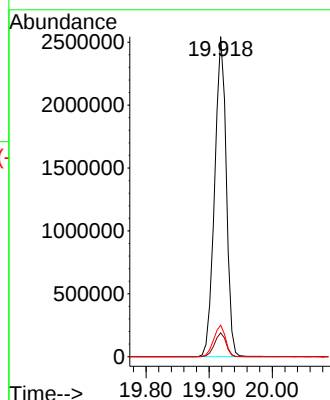
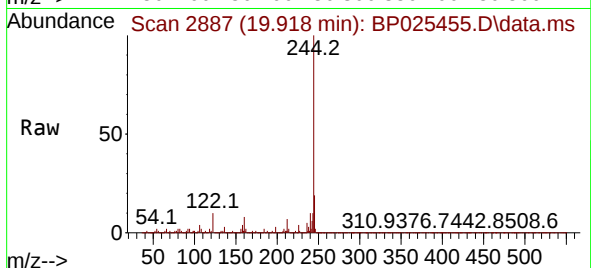
Tgt Ion:244 Resp: 3246131

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.8 7.4 11.2



#80

Butylbenzylphthalate

Concen: 40.189 ng

RT: 20.648 min Scan# 3011

Delta R.T. -0.000 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

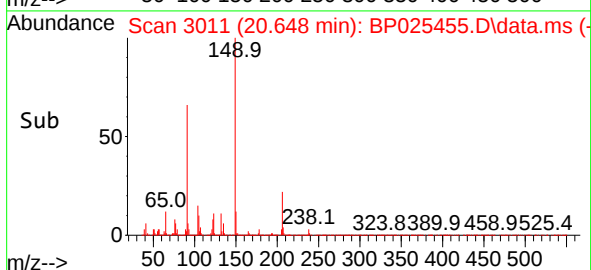
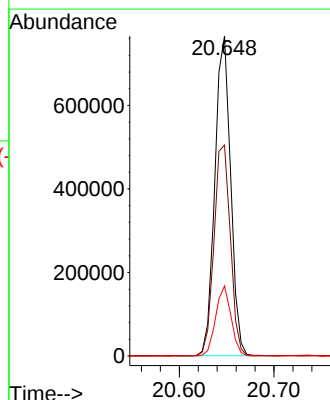
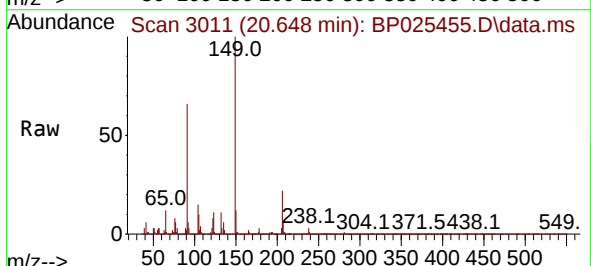
Tgt Ion:149 Resp: 886026

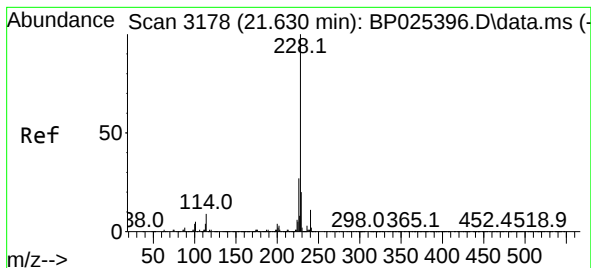
Ion Ratio Lower Upper

149 100

91 65.9 54.2 81.2

206 21.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 40.099 ng

RT: 21.612 min Scan# 3175

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

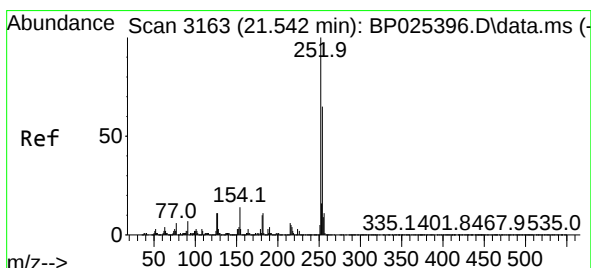
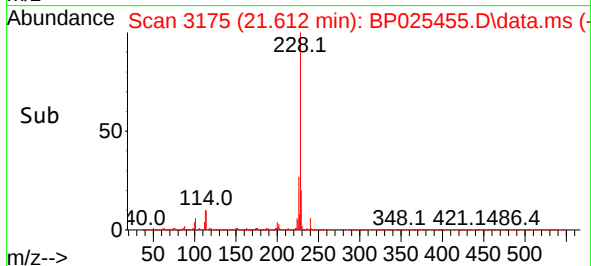
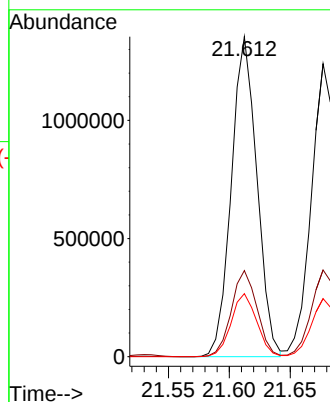
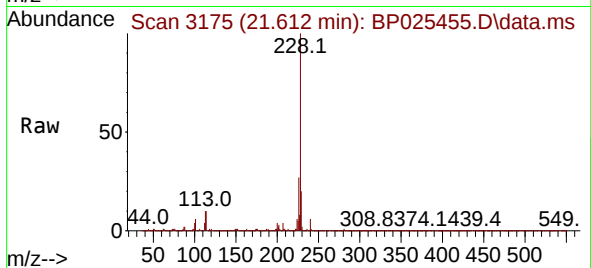
Tgt Ion:228 Resp: 1979219

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 39.416 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

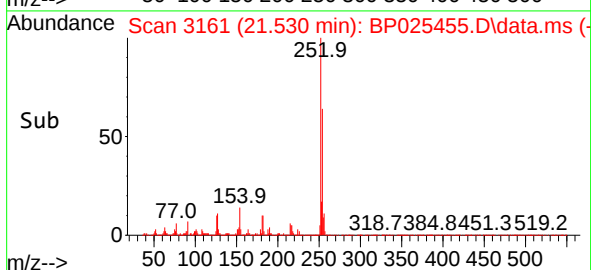
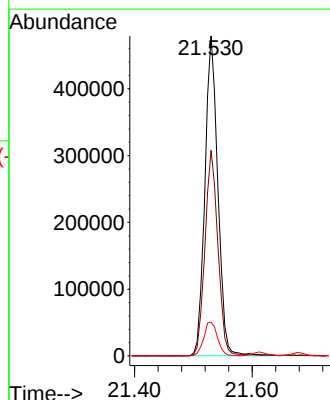
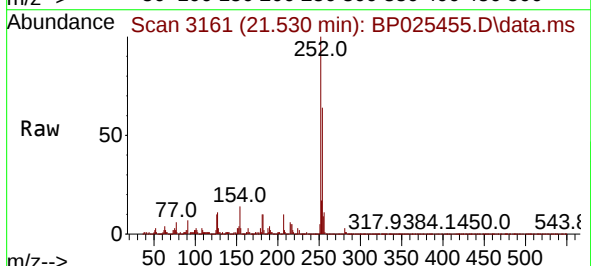
Tgt Ion:252 Resp: 733316

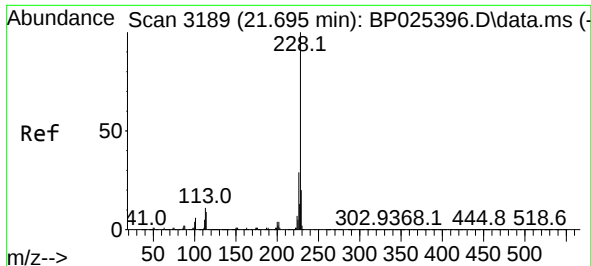
Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

126 10.5 9.1 13.7

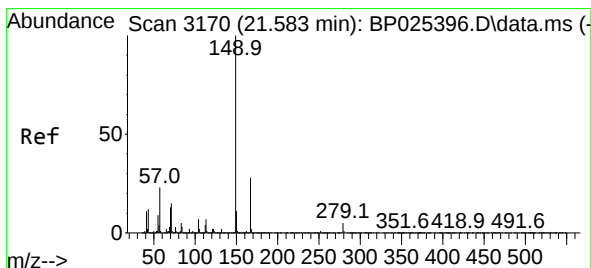
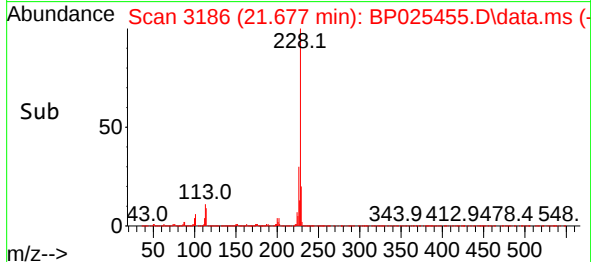
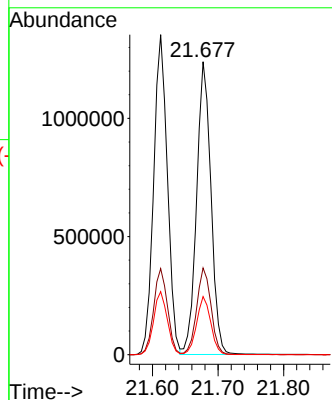
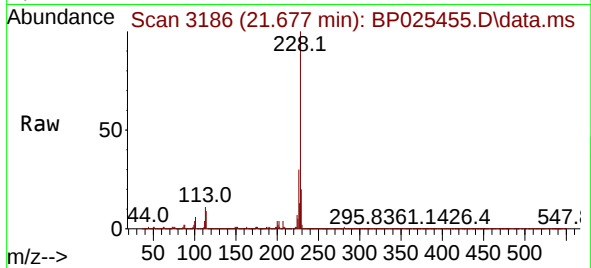




#83
Chrysene
Concen: 40.914 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

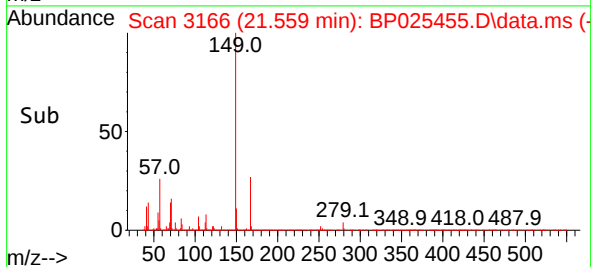
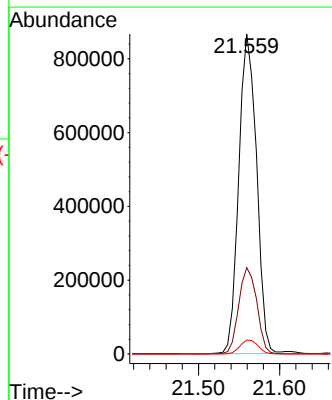
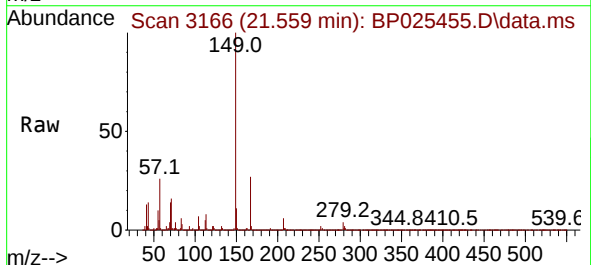
Instrument :
BNA_P
ClientSampleId :

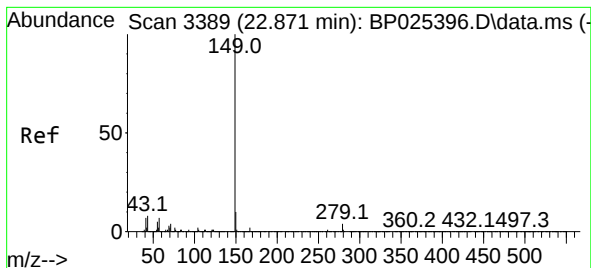
Tgt Ion:228 Resp: 1891222
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 19.8 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.573 ng
RT: 21.559 min Scan# 3166
Delta R.T. -0.024 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:149 Resp: 1316742
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 39.933 ng

RT: 22.842 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

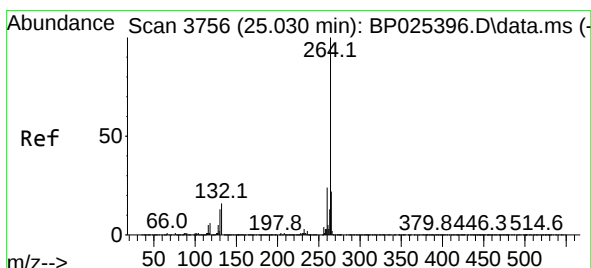
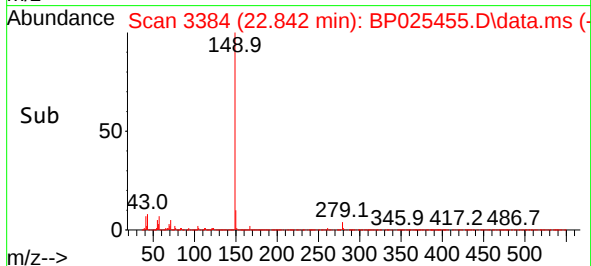
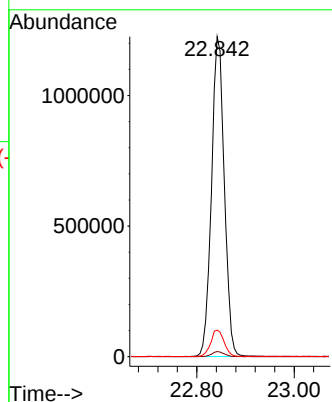
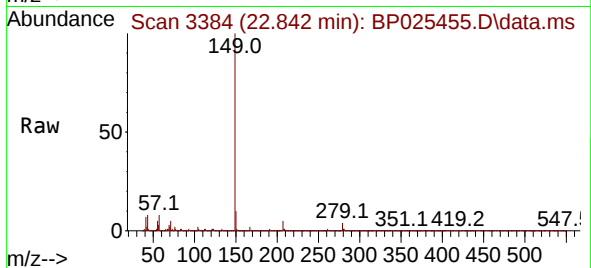
Tgt Ion:149 Resp: 2229136

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: 25.000 min Scan# 3751

Delta R.T. -0.030 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

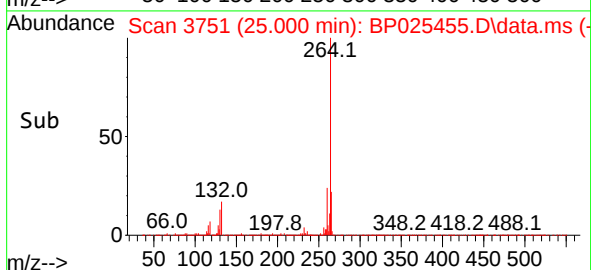
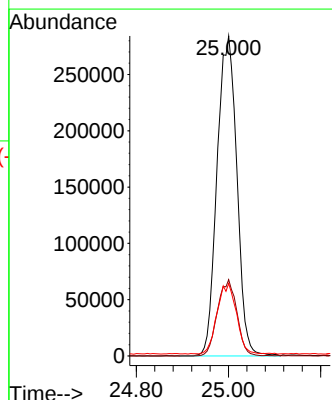
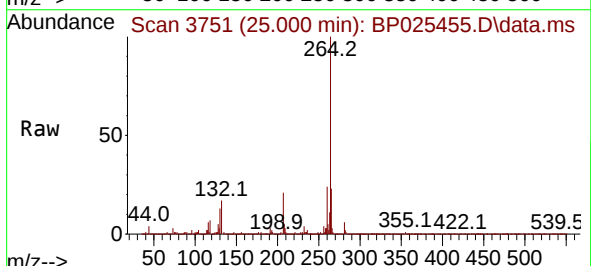
Tgt Ion:264 Resp: 846697

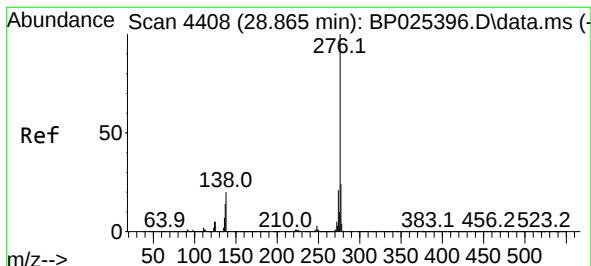
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 22.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.562 ng

RT: 28.818 min Scan# 4408

Delta R.T. -0.047 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

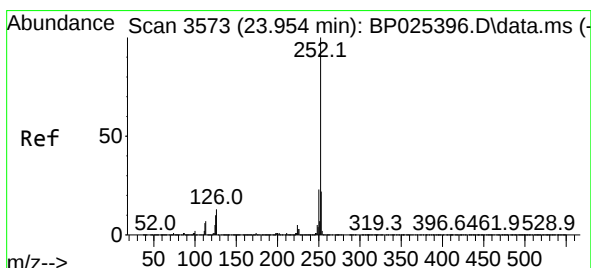
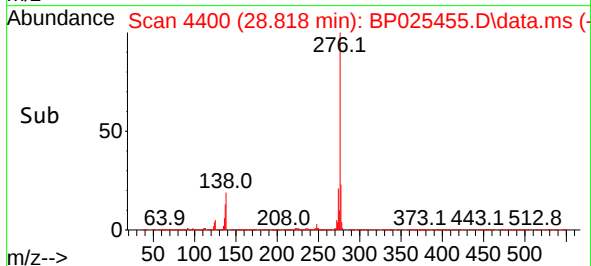
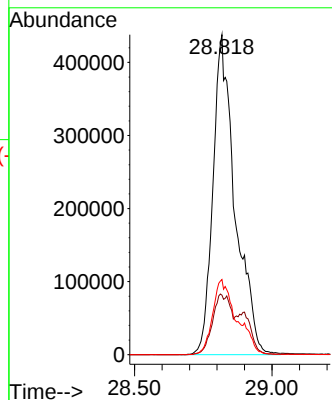
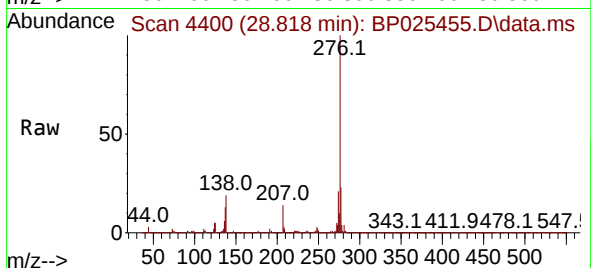
Tgt Ion:276 Resp: 2456533

Ion Ratio Lower Upper

276 100

138 16.3 12.9 19.3

277 25.4 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 41.116 ng

RT: 23.924 min Scan# 3568

Delta R.T. -0.030 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

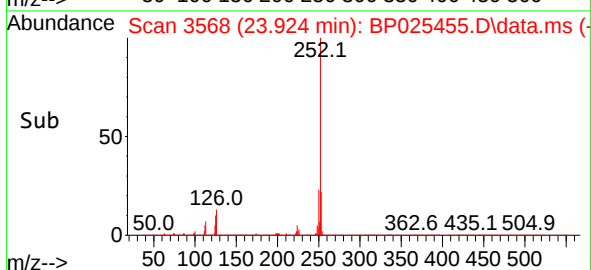
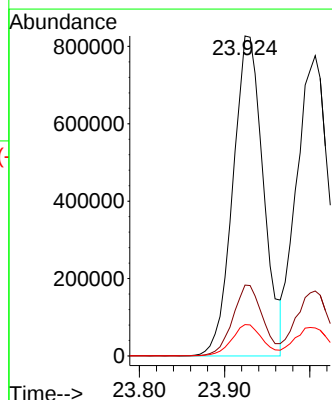
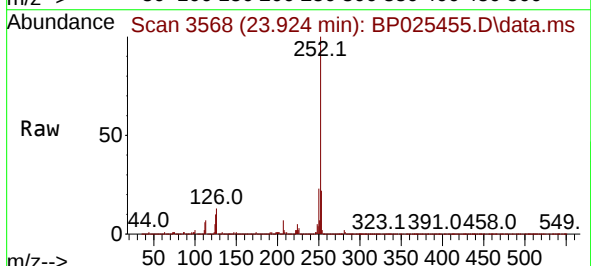
Tgt Ion:252 Resp: 2052802

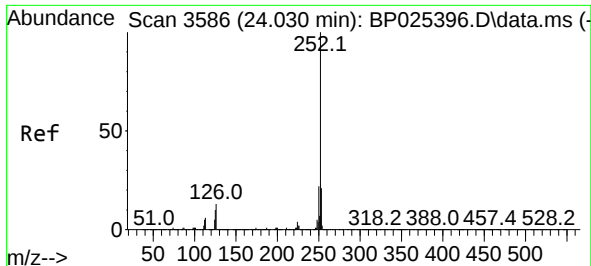
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.8 7.9 11.9

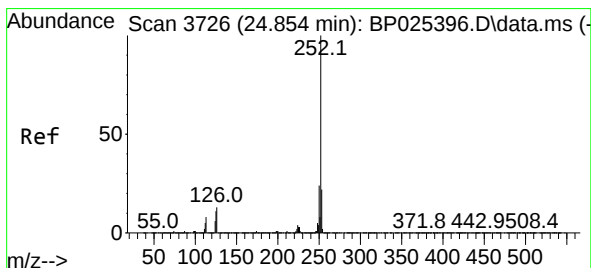
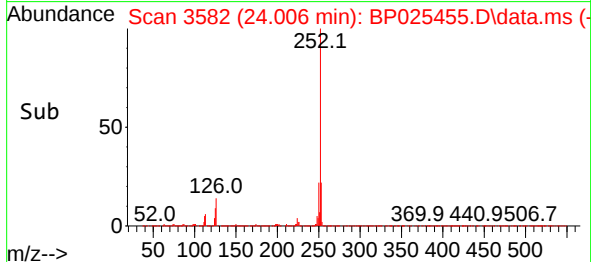
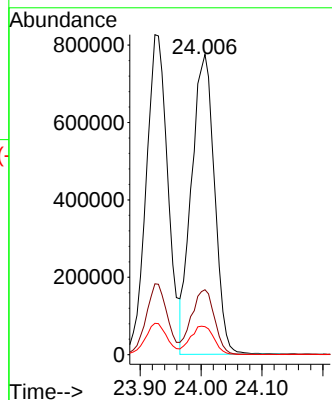
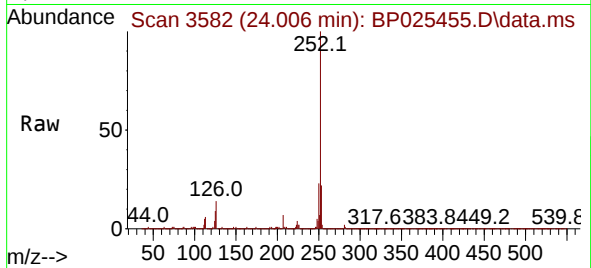




#89
Benzo(k)fluoranthene
Concen: 40.510 ng
RT: 24.006 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

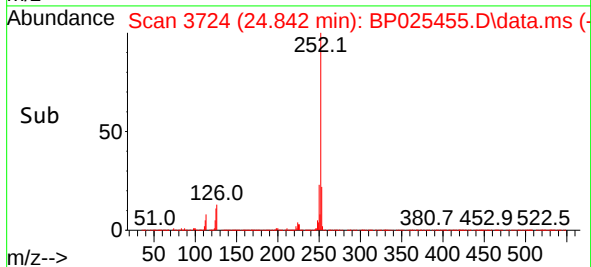
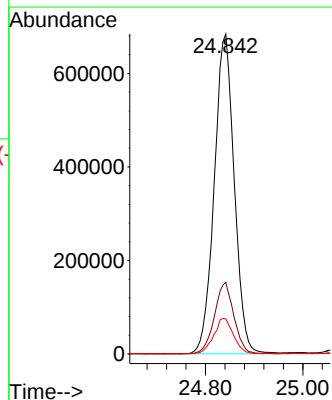
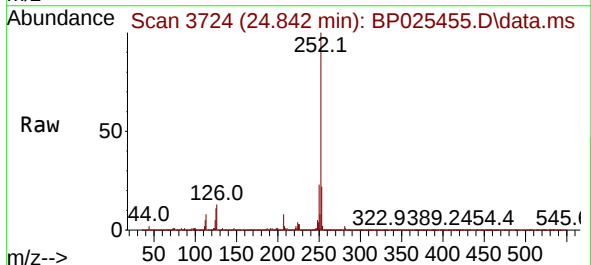
Instrument :
BNA_P
ClientSampleId :

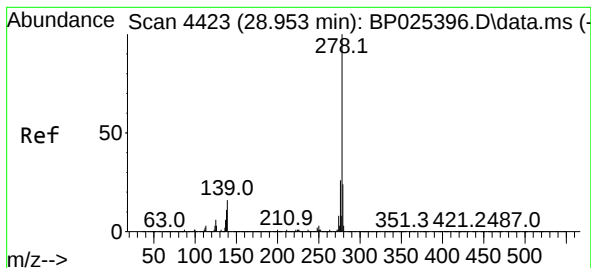
Tgt Ion:252 Resp: 2023948
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.3 7.8 11.6



#90
Benzo(a)pyrene
Concen: 40.136 ng
RT: 24.842 min Scan# 3724
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:252 Resp: 1950603
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 39.905 ng

RT: 28.900 min Scan# 4414

Delta R.T. -0.053 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

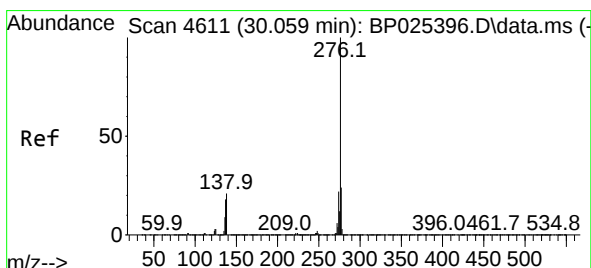
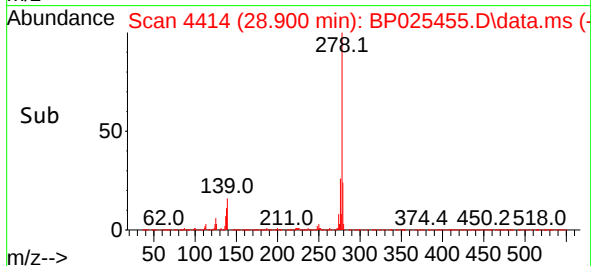
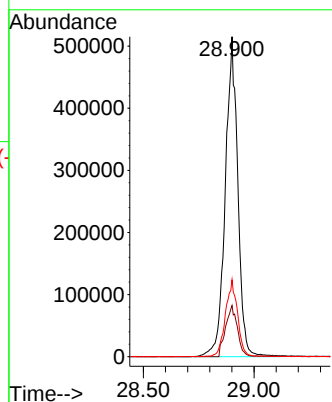
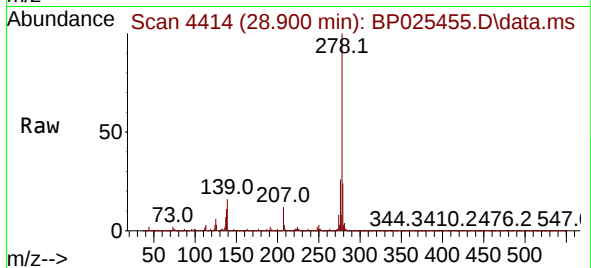
Tgt Ion:278 Resp: 2024887

Ion Ratio Lower Upper

278 100

139 16.0 13.0 19.4

279 24.1 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 39.764 ng

RT: 30.000 min Scan# 4601

Delta R.T. -0.059 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Tgt Ion:276 Resp: 1983435

Ion Ratio Lower Upper

276 100

277 22.6 19.4 29.0

138 20.9 16.7 25.1

