

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025016.D
 Acq On : 20 Jun 2025 13:32
 Operator : RC/JU
 Sample : PB168536BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168536BS

Quant Time: Jun 20 13:55:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	279215	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1102890	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	728783	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1461908	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1490322	20.000	ng	0.00
86) Perylene-d12	24.760	264	1672131	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2431903	145.384	ng	0.00
7) Phenol-d6	6.814	99	3053205	137.953	ng	0.00
23) Nitrobenzene-d5	8.761	82	1795145	79.094	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1551657	153.998	ng	0.00
45) 2-Fluorobiphenyl	12.849	172	4360659	80.605	ng	-0.01
79) Terphenyl-d14	19.783	244	7299212	87.780	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	256032	34.786	ng	98
3) Pyridine	3.561	79	694258	39.222	ng	98
4) n-Nitrosodimethylamine	3.473	42	300976	41.591	ng	96
6) Aniline	6.949	93	1107083	39.197	ng	99
8) 2-Chlorophenol	7.184	128	918782	48.452	ng	98
9) Benzaldehyde	6.761	77	555404	43.538	ng	97
10) Phenol	6.843	94	1090035	47.775	ng	97
11) bis(2-Chloroethyl)ether	7.037	93	798867	44.517	ng	100
12) 1,3-Dichlorobenzene	7.490	146	939033	44.390	ng	99
13) 1,4-Dichlorobenzene	7.637	146	950286	44.521	ng	99
14) 1,2-Dichlorobenzene	7.949	146	917088	43.754	ng	98
15) Benzyl Alcohol	7.855	79	769795	45.320	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.113	45	984583	41.919	ng	97
17) 2-Methylphenol	8.066	107	749476	47.040	ng	98
18) Hexachloroethane	8.661	117	342156	42.578	ng	97
19) n-Nitroso-di-n-propyla...	8.408	70	627487	41.705	ng	98
20) 3+4-Methylphenols	8.396	107	1014215	46.658	ng	96
22) Acetophenone	8.425	105	1268125	45.510	ng	# 98
24) Nitrobenzene	8.802	77	901887	44.729	ng	97
25) Isophorone	9.319	82	1742335	44.294	ng	99
26) 2-Nitrophenol	9.502	139	493010	49.556	ng	97
27) 2,4-Dimethylphenol	9.578	122	844634	49.607	ng	97
28) bis(2-Chloroethoxy)met...	9.790	93	1073031	45.731	ng	# 97
29) 2,4-Dichlorophenol	10.055	162	848345	51.928	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	846903	45.961	ng	98
31) Naphthalene	10.419	128	2615880	46.283	ng	100
32) Benzoic acid	9.790	122	608870	52.919	ng	95
33) 4-Chloroaniline	10.555	127	940199	39.706	ng	99
34) Hexachlorobutadiene	10.696	225	521512	46.958	ng	99
35) Caprolactam	11.366	113	296397	49.287	ng	95
36) 4-Chloro-3-methylphenol	11.707	107	944415	50.119	ng	99
37) 2-Methylnaphthalene	12.043	142	1714813	47.831	ng	99
38) 1-Methylnaphthalene	12.260	142	1787977	46.648	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	958217	46.336	ng	100
41) Hexachlorocyclopentadiene	12.384	237	1027711	81.479	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	690644	49.731	ng	99

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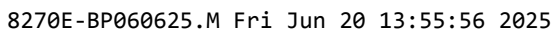
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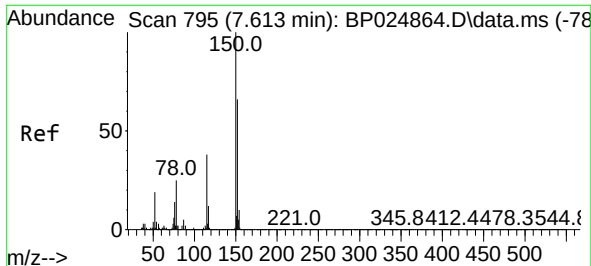
Quant Time: Jun 20 13:55:20 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	769863	51.763	ng	97
46) 1,1'-Biphenyl	13.066	154	2450009	46.259	ng	100
47) 2-Chloronaphthalene	13.113	162	1887247	46.363	ng	99
48) 2-Nitroaniline	13.337	65	579286	46.290	ng	94
49) Acenaphthylene	13.966	152	3138283	46.238	ng	100
50) Dimethylphthalate	13.707	163	2516497	46.809	ng	100
51) 2,6-Dinitrotoluene	13.837	165	561465	48.445	ng	99
52) Acenaphthene	14.313	154	1804477	46.396	ng	99
53) 3-Nitroaniline	14.178	138	483102	40.167	ng	99
54) 2,4-Dinitrophenol	14.413	184	734824	96.161	ng	92
55) Dibenzofuran	14.654	168	2907629	46.574	ng	99
56) 4-Nitrophenol	14.554	139	809905	79.572	ng	97
57) 2,4-Dinitrotoluene	14.648	165	806766	49.763	ng	96
58) Fluorene	15.319	166	2382265	47.237	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	683836	51.460	ng	96
60) Diethylphthalate	15.090	149	2609424	48.702	ng	99
61) 4-Chlorophenyl-phenyle...	15.307	204	1187424	48.154	ng	98
62) 4-Nitroaniline	15.372	138	577631	52.967	ng	92
63) Azobenzene	15.607	77	2263191	46.057	ng	96
65) 4,6-Dinitro-2-methylph...	15.437	198	478428	49.805	ng	99
66) n-Nitrosodiphenylamine	15.537	169	2133205	47.078	ng	100
67) 4-Bromophenyl-phenylether	16.225	248	801289	48.577	ng	99
68) Hexachlorobenzene	16.348	284	964595	48.237	ng	97
69) Atrazine	16.519	200	819580	49.894	ng	99
70) Pentachlorophenol	16.719	266	1198585	115.813	ng	99
71) Phenanthrene	17.095	178	3741887	46.318	ng	99
72) Anthracene	17.195	178	3840439	46.938	ng	100
73) Carbazole	17.484	167	3630795	47.876	ng	100
74) Di-n-butylphthalate	18.060	149	4577839	48.720	ng	99
75) Fluoranthene	19.189	202	4507325	48.137	ng	99
77) Benzidine	19.389	184	2784935	60.336	ng	100
78) Pyrene	19.566	202	4596130	49.364	ng	100
80) Butylbenzylphthalate	20.507	149	2127528	49.886	ng	99
81) Benzo(a)anthracene	21.472	228	4534460	47.572	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1497817	39.581	ng	99
83) Chrysene	21.536	228	4338719	48.039	ng	99
84) Bis(2-ethylhexyl)phtha...	21.389	149	3056406	50.020	ng	99
85) Di-n-octyl phthalate	22.630	149	5101745	47.369	ng	98
87) Indeno(1,2,3-cd)pyrene	28.483	276	5998051	49.163	ng	# 88
88) Benzo(b)fluoranthene	23.724	252	4616222	48.238	ng	100
89) Benzo(k)fluoranthene	23.789	252	4814825	49.428	ng	99
90) Benzo(a)pyrene	24.601	252	4470051	47.831	ng	99
91) Dibenzo(a,h)anthracene	28.548	278	4921879	49.562	ng	100
92) Benzo(g,h,i)perylene	29.642	276	4797623	48.691	ng	99

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

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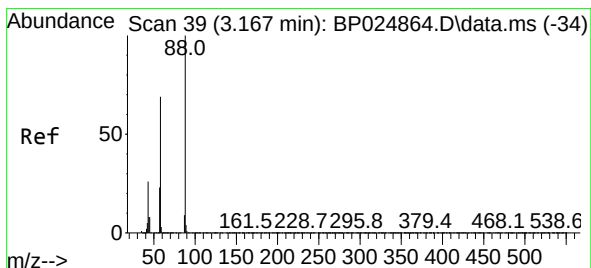
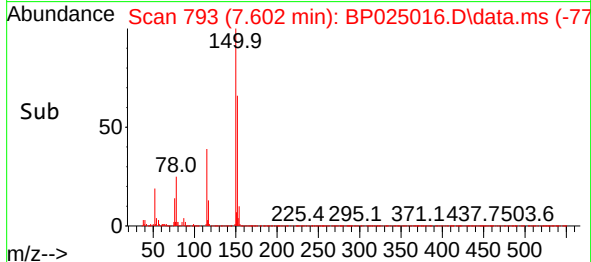
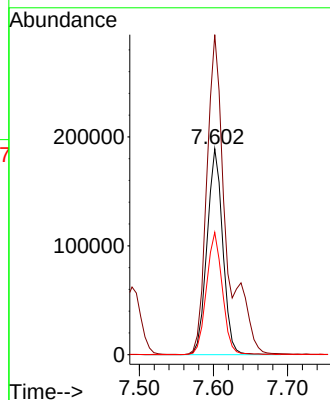
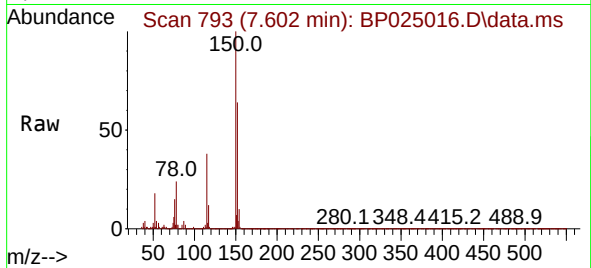




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

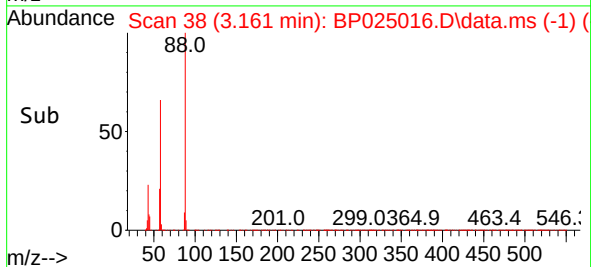
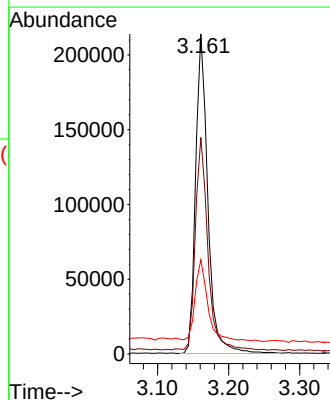
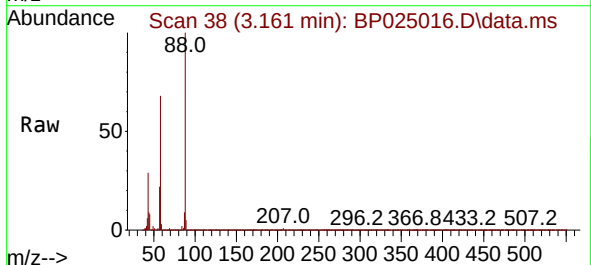
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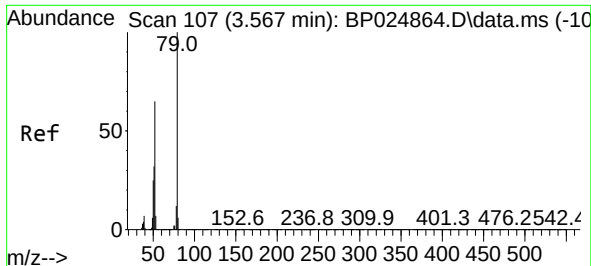
Tgt Ion:152 Resp: 279215
Ion Ratio Lower Upper
152 100
150 155.3 122.1 183.1
115 59.3 46.4 69.6



#2
1,4-Dioxane
Concen: 34.786 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion: 88 Resp: 256032
Ion Ratio Lower Upper
88 100
58 68.2 55.4 83.0
43 27.4 20.8 31.2

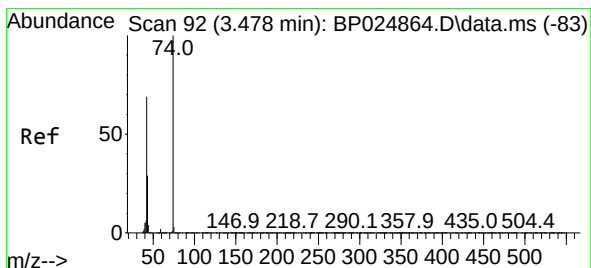
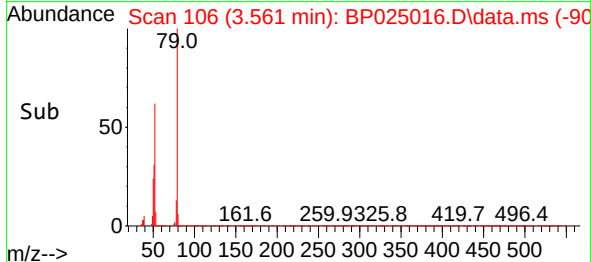
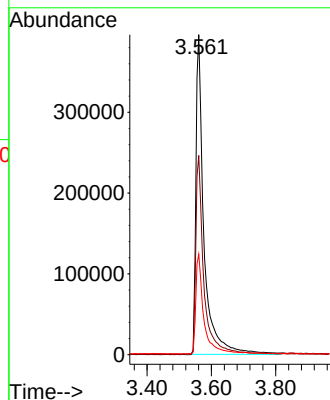
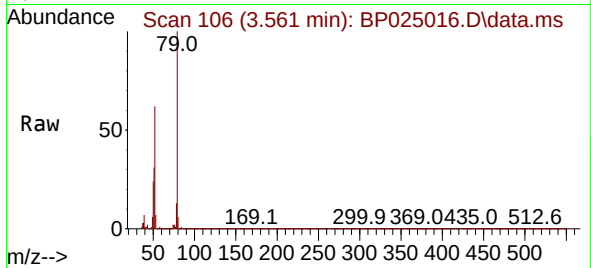




#3
 Pyridine
 Concen: 39.222 ng
 RT: 3.561 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP025016.D
 Acq: 20 Jun 2025 13:32

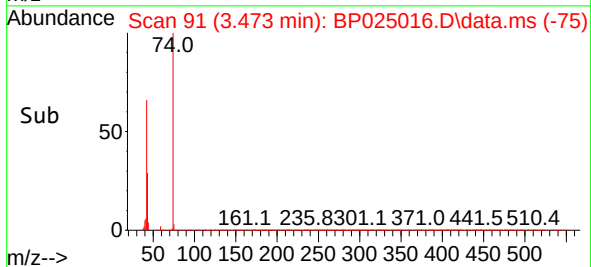
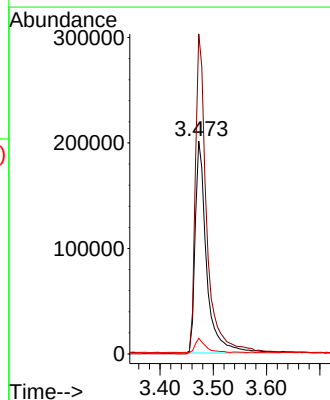
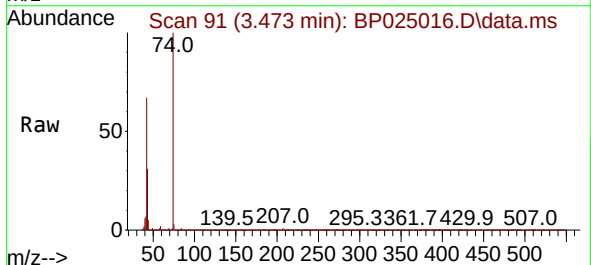
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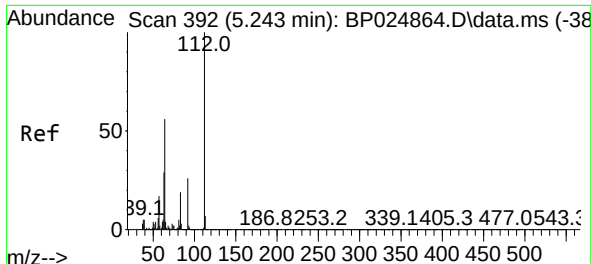
Tgt Ion: 79 Resp: 694258
 Ion Ratio Lower Upper
 79 100
 52 62.3 51.6 77.4
 51 31.4 25.5 38.3



#4
 n-Nitrosodimethylamine
 Concen: 41.591 ng
 RT: 3.473 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP025016.D
 Acq: 20 Jun 2025 13:32

Tgt Ion: 42 Resp: 300976
 Ion Ratio Lower Upper
 42 100
 74 150.2 116.6 174.8
 44 7.4 5.4 8.0

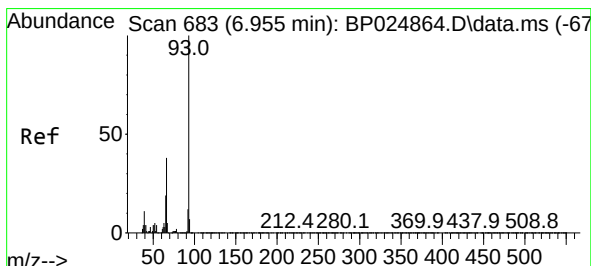
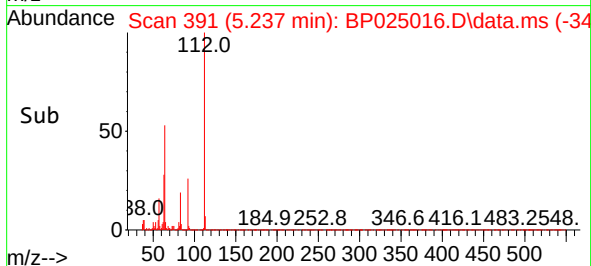
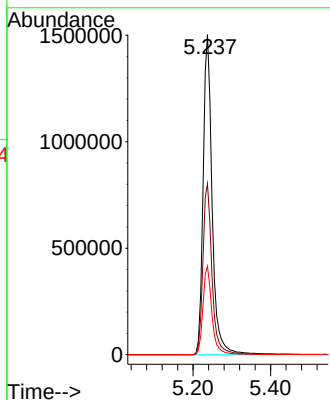
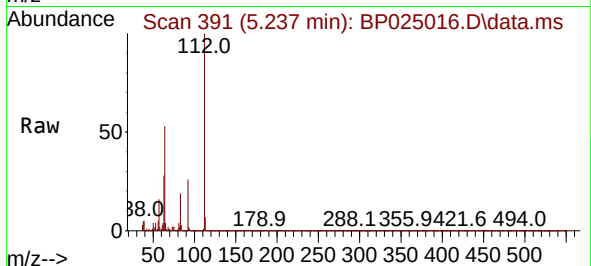




#5
2-Fluorophenol
Concen: 145.384 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

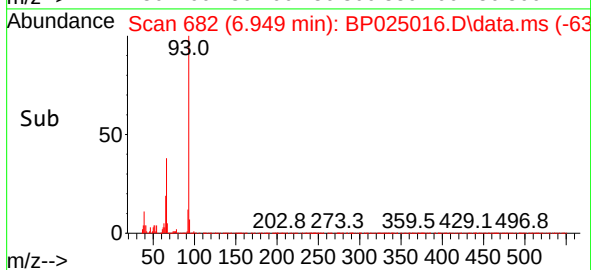
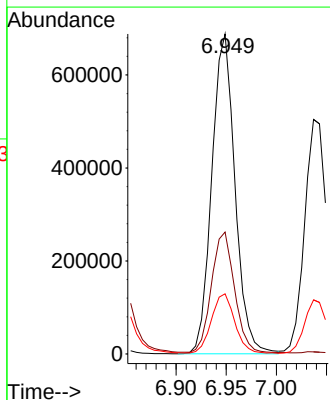
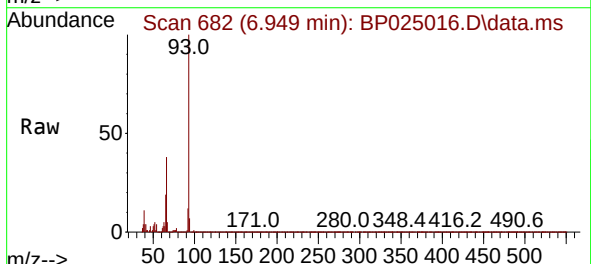
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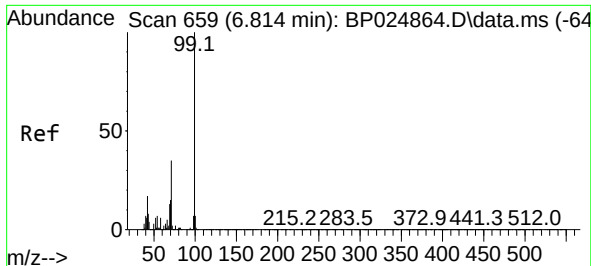
Tgt Ion:112 Resp: 2431903
Ion Ratio Lower Upper
112 100
64 53.5 44.7 67.1
63 27.7 23.5 35.3



#6
Aniline
Concen: 39.197 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion: 93 Resp: 1107083
Ion Ratio Lower Upper
93 100
66 38.1 30.9 46.3
65 18.8 15.5 23.3

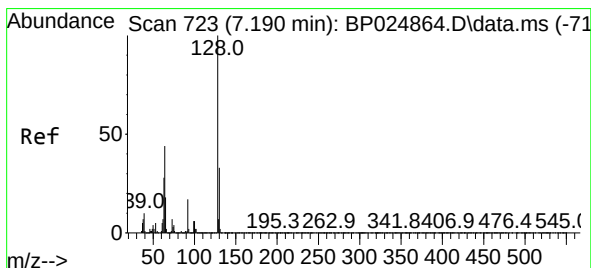
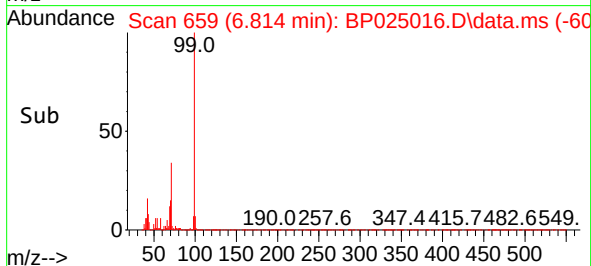
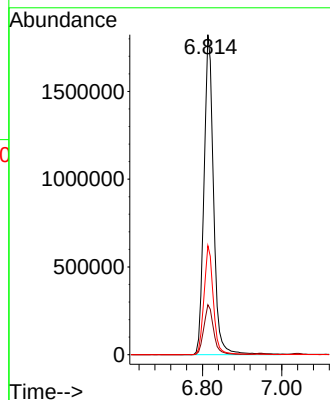
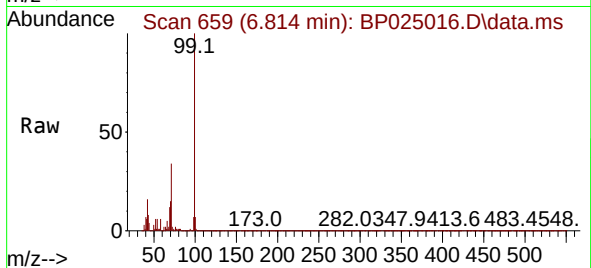




#7
Phenol-d6
Concen: 137.953 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

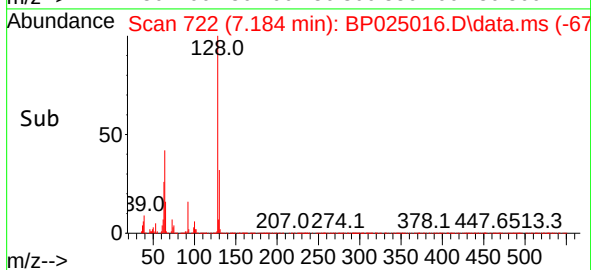
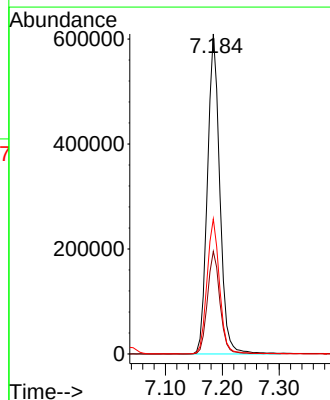
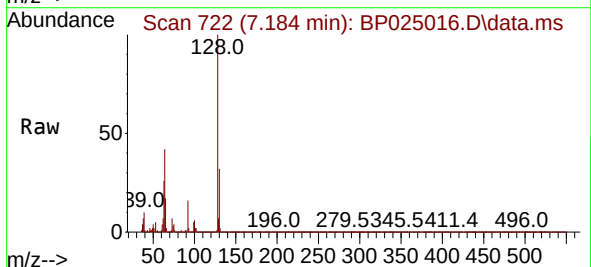
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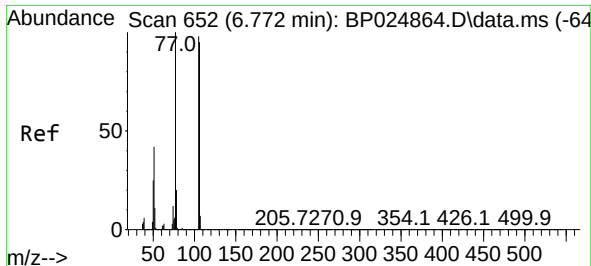
Tgt Ion: 99 Resp: 3053205
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 34.0 27.6 41.4



#8
2-Chlorophenol
Concen: 48.452 ng
RT: 7.184 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion: 128 Resp: 918782
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 42.2 24.1 64.1

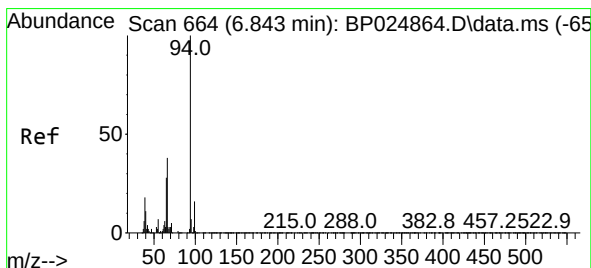
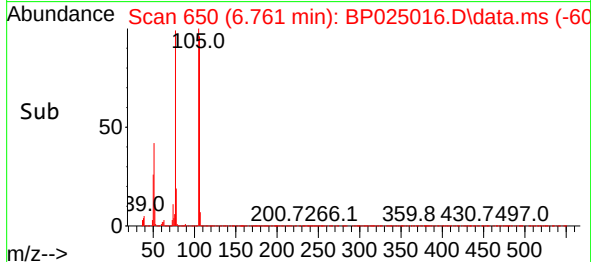
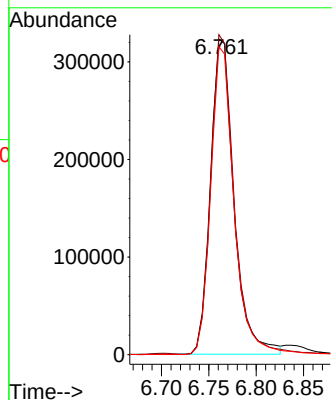
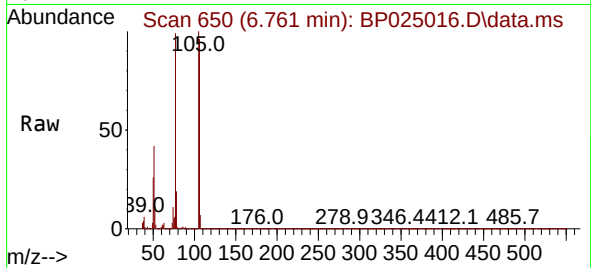




#9
Benzaldehyde
Concen: 43.538 ng
RT: 6.761 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

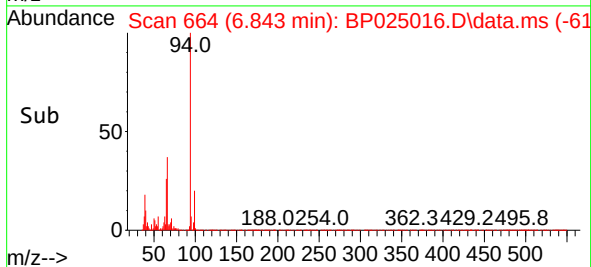
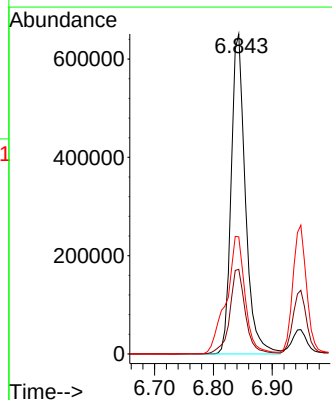
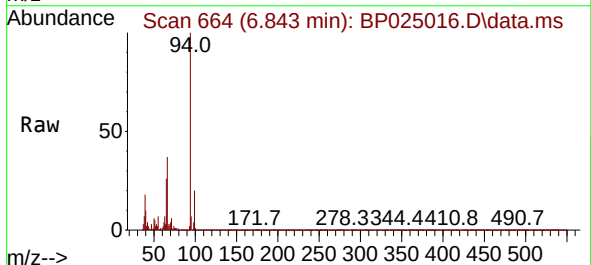
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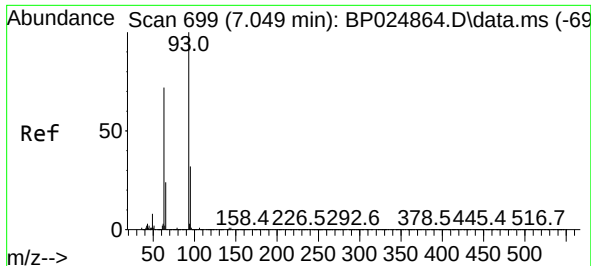
Tgt Ion: 77 Resp: 555404
Ion Ratio Lower Upper
77 100
105 101.4 77.7 117.7
106 97.5 74.8 114.8



#10
Phenol
Concen: 47.775 ng
RT: 6.843 min Scan# 664
Delta R.T. 0.000 min
Lab File: BP025016.D
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Tgt Ion: 94 Resp: 1090035
Ion Ratio Lower Upper
94 100
65 26.4 8.3 48.3
66 36.6 18.2 58.2



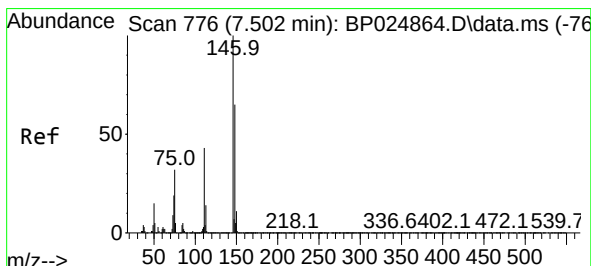
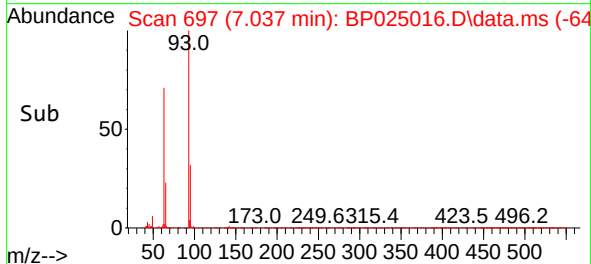
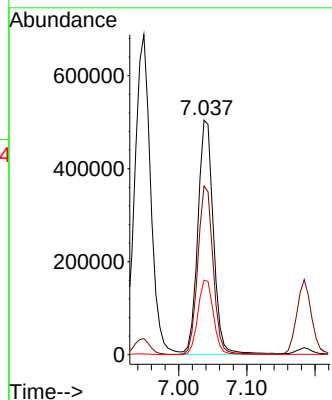
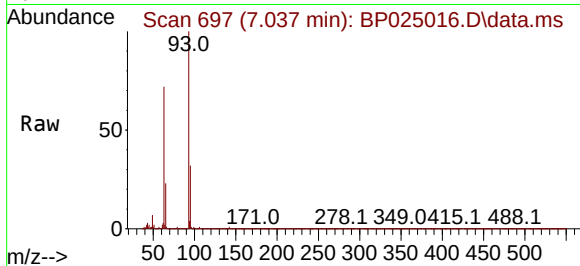


#11
 bis(2-Chloroethyl)ether
 Concen: 44.517 ng
 RT: 7.037 min Scan# 699
 Delta R.T. -0.012 min
 Lab File: BP025016.D
 Acq: 20 Jun 2025 13:32

Instrument :
 BNA_P
 ClientSampleId :
 PB168536BS

Tgt Ion: 93 Resp: 798867

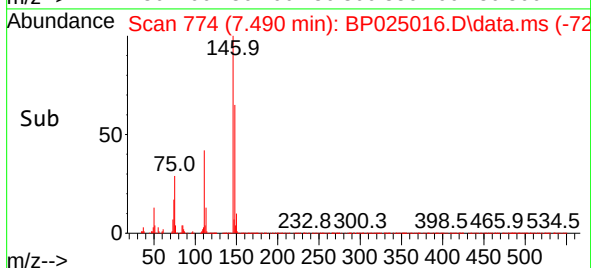
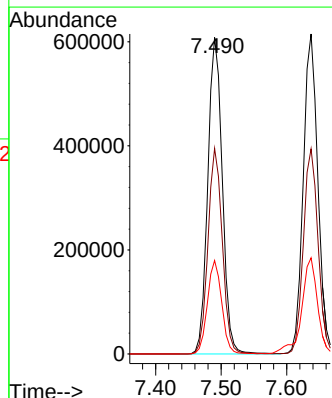
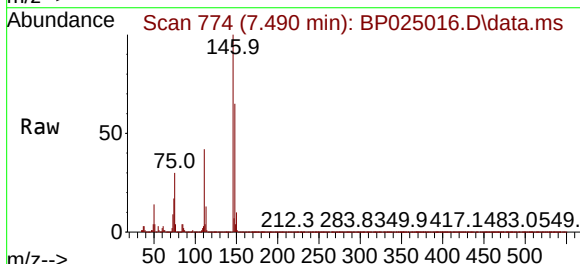
Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.6	91.6
95	31.7	12.1	52.1

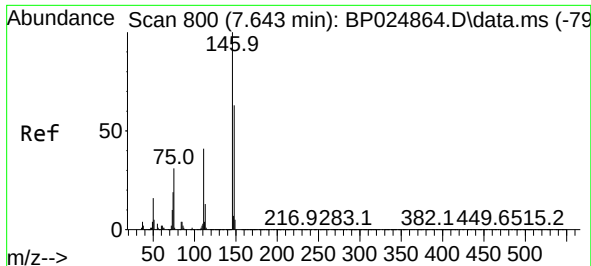


#12
 1,3-Dichlorobenzene
 Concen: 44.390 ng
 RT: 7.490 min Scan# 774
 Delta R.T. -0.012 min
 Lab File: BP025016.D
 Acq: 20 Jun 2025 13:32

Tgt Ion: 146 Resp: 939033

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	29.5	25.3	37.9

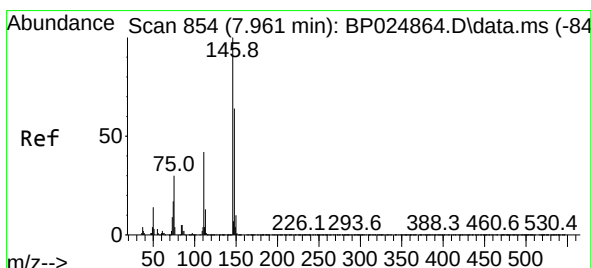
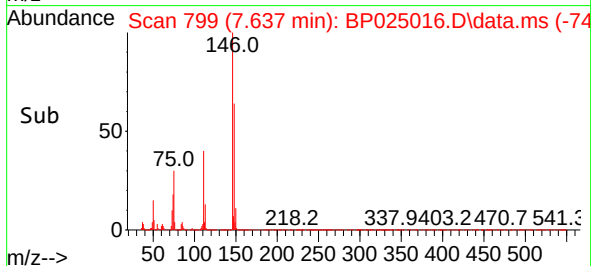
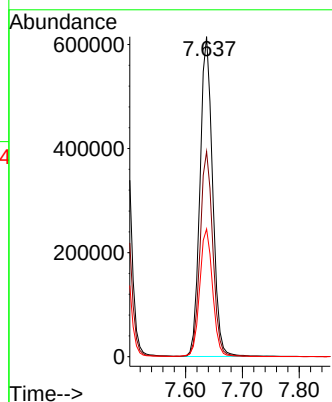
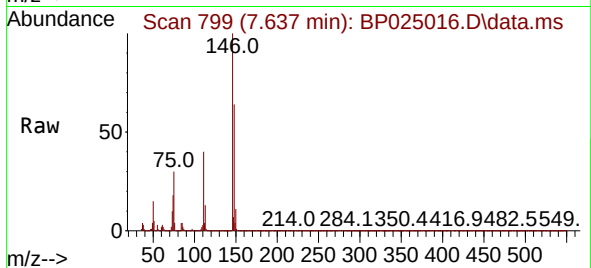




#13
1,4-Dichlorobenzene
Concen: 44.521 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

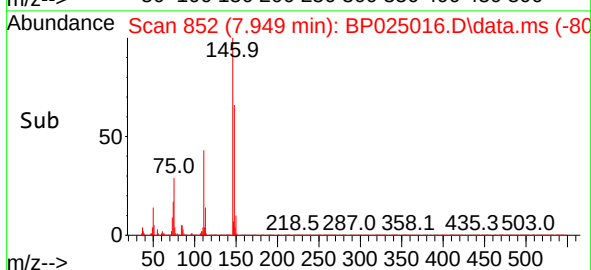
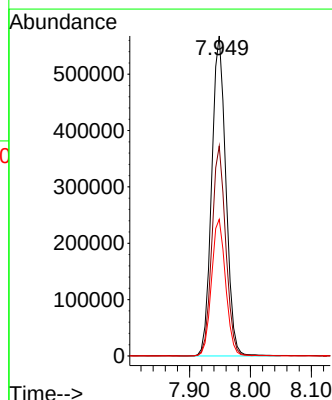
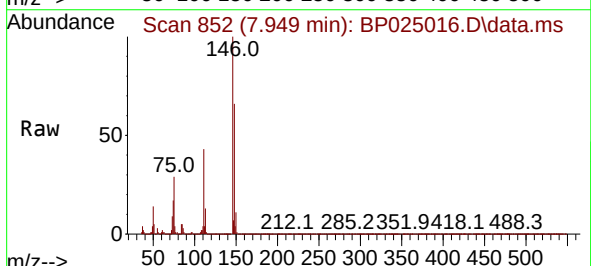
Instrument :
BNA_P
ClientSampleId :
PB168536BS

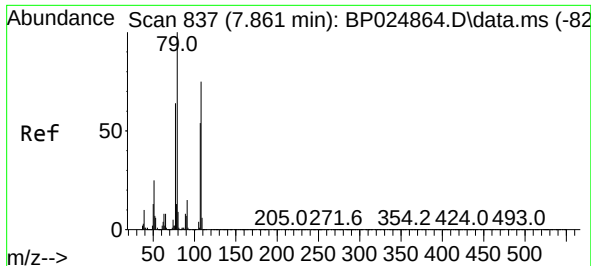
Tgt Ion:146 Resp: 950286
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 39.9 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 43.754 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:146 Resp: 917088
Ion Ratio Lower Upper
146 100
148 65.6 51.0 76.4
111 42.7 33.8 50.8

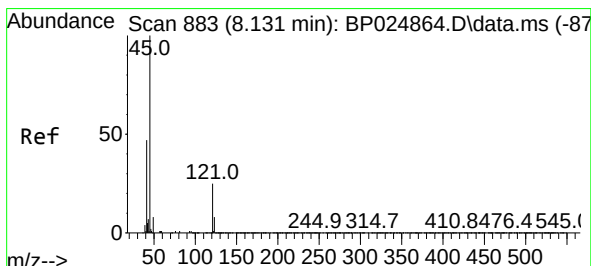
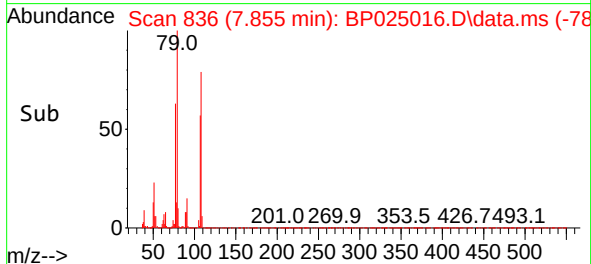
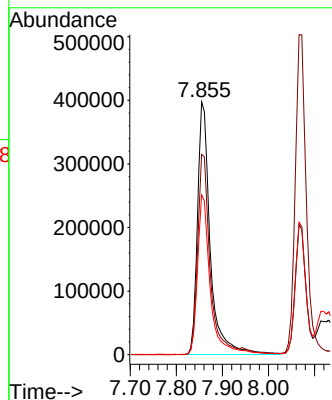
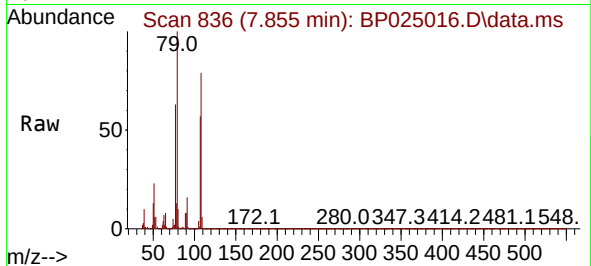




#15
Benzyl Alcohol
Concen: 45.320 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

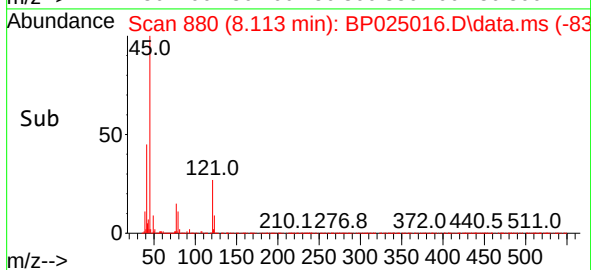
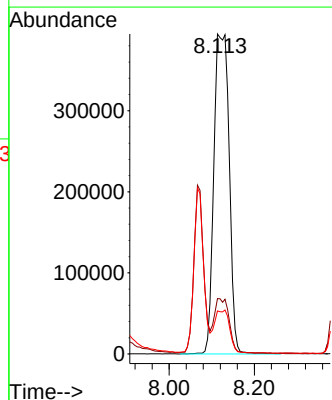
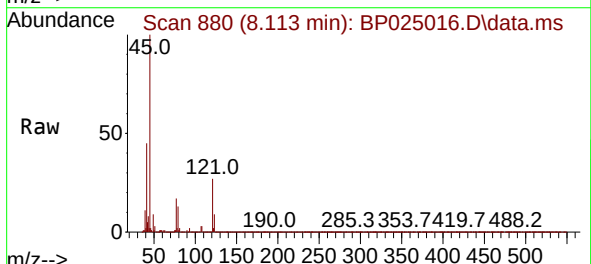
Instrument :
BNA_P
ClientSampleId :
PB168536BS

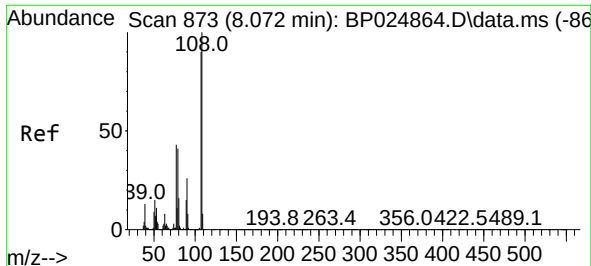
Tgt Ion: 79 Resp: 769795
Ion Ratio Lower Upper
79 100
108 79.2 60.2 90.4
77 63.3 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.919 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.018 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion: 45 Resp: 984583
Ion Ratio Lower Upper
45 100
77 17.3 0.0 36.3
79 13.4 0.0 32.2

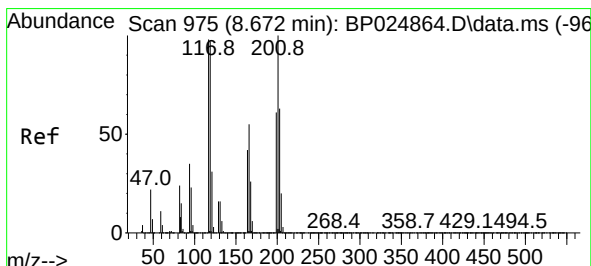
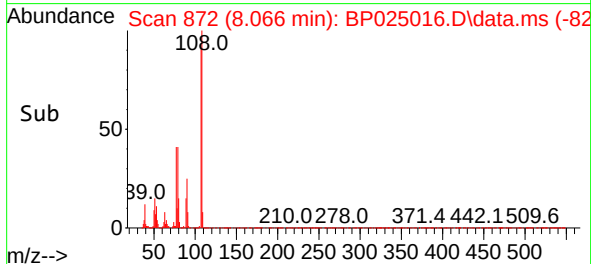
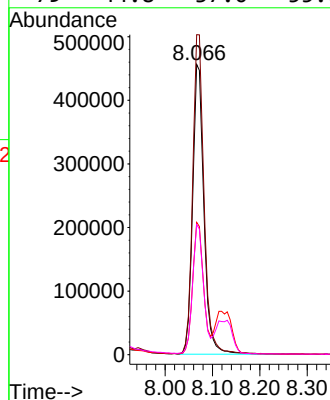
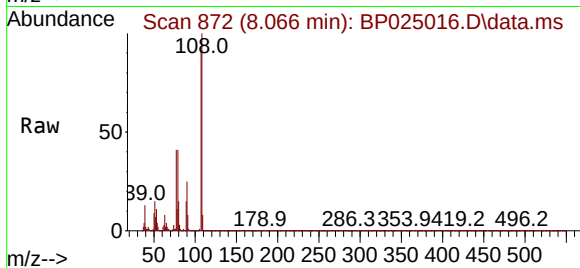




#17
2-Methylphenol
Concen: 47.040 ng
RT: 8.066 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

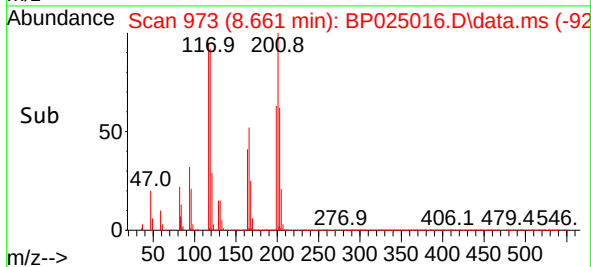
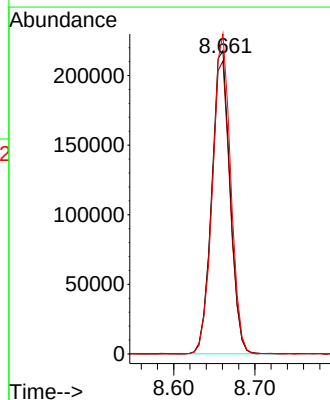
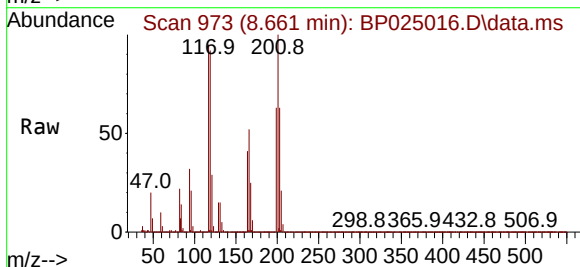
Instrument :
BNA_P
ClientSampleId :
PB168536BS

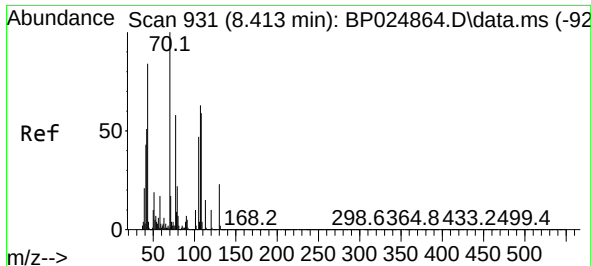
Tgt Ion:	107	Resp:	749476
Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.6	132.8
77	45.6	38.5	57.7
79	44.8	37.0	55.6



#18
Hexachloroethane
Concen: 42.578 ng
RT: 8.661 min Scan# 973
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:	117	Resp:	342156
Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.2
201	105.5	81.4	122.2

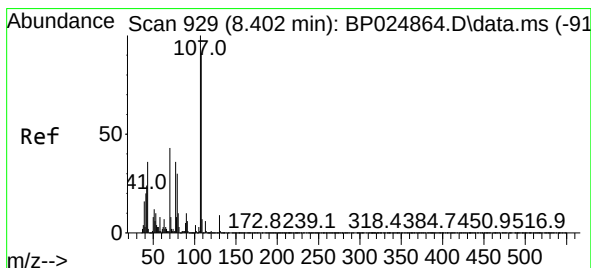
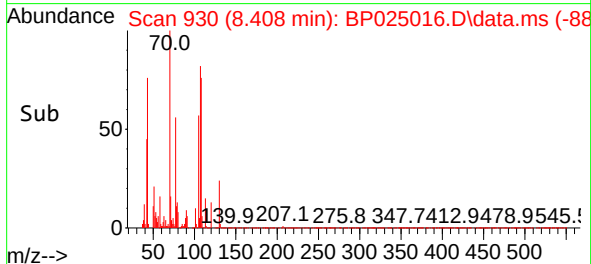
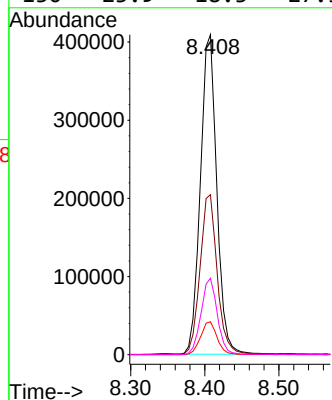
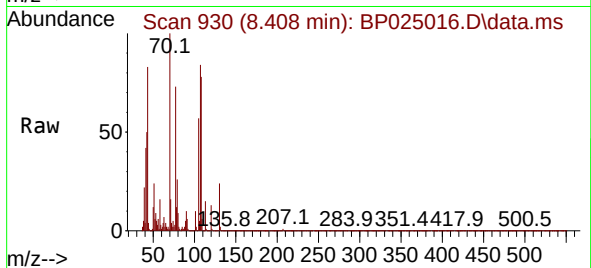




#19
n-Nitroso-di-n-propylamine
Concen: 41.705 ng
RT: 8.408 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

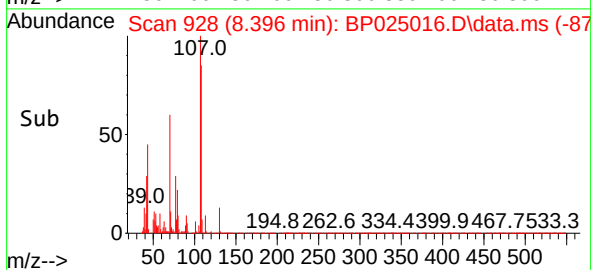
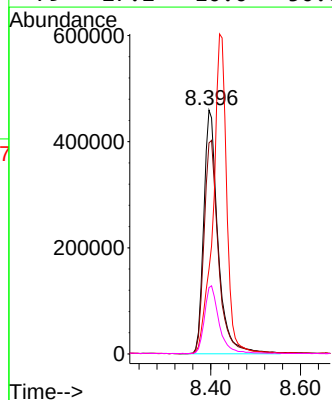
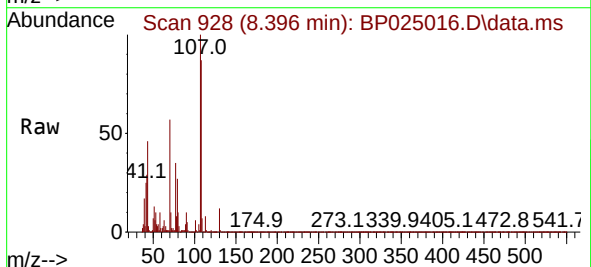
Instrument :
BNA_P
ClientSampleId :
PB168536BS

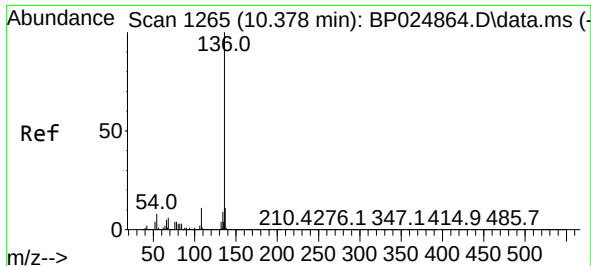
Tgt Ion:	70	Resp:	627487
Ion	Ratio	Lower	Upper
70	100		
42	50.0	41.2	61.8
101	10.3	8.3	12.5
130	23.9	18.3	27.5



#20
3+4-Methylphenols
Concen: 46.658 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:	107	Resp:	1014215
Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.7	110.7
77	34.7	16.6	56.6
79	27.2	10.0	50.0

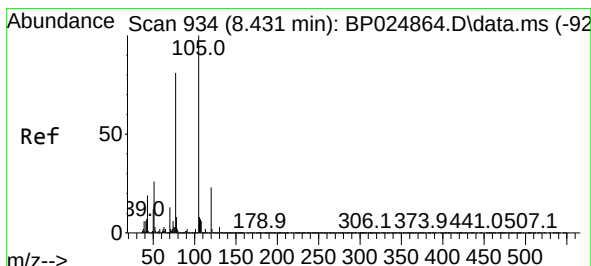
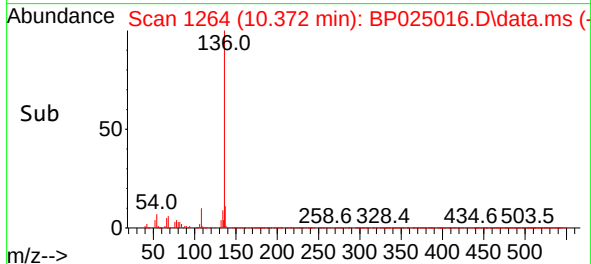
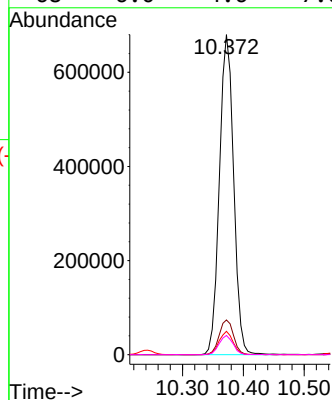
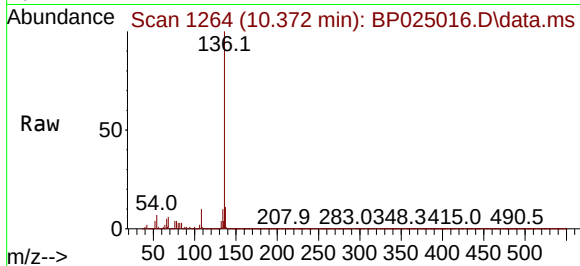




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

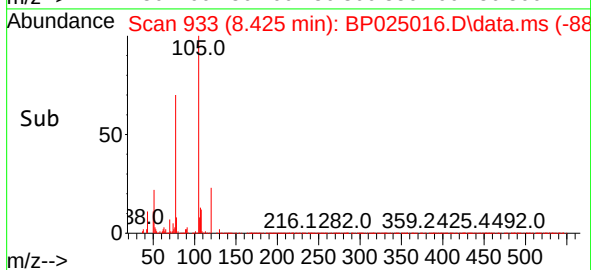
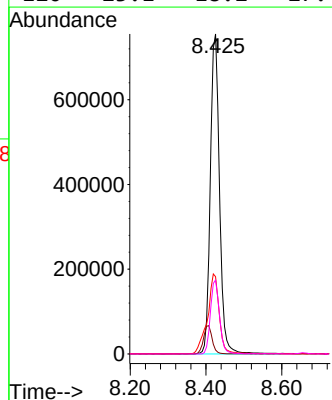
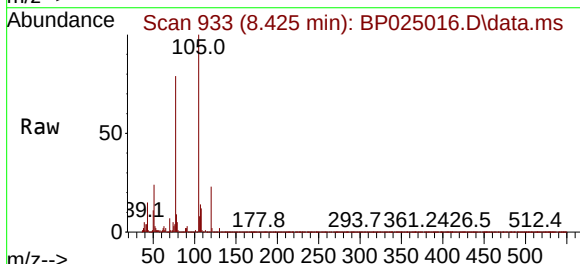
Instrument :
BNA_P
ClientSampleId :
PB168536BS

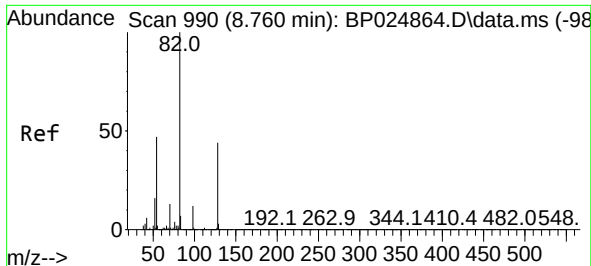
Tgt Ion:136 Resp: 1102890
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.1 9.1
68 6.0 4.6 7.0



#22
Acetophenone
Concen: 45.510 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:105 Resp: 1268125
Ion Ratio Lower Upper
105 100
71 1.2 1.6 2.4#
51 24.2 20.6 31.0
120 23.1 18.2 27.4

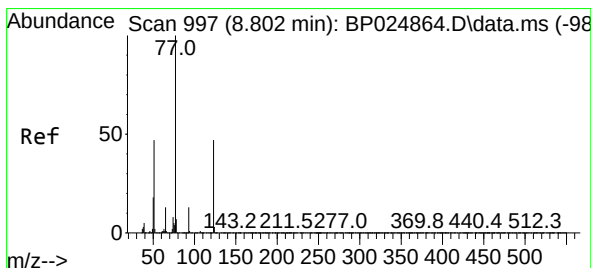
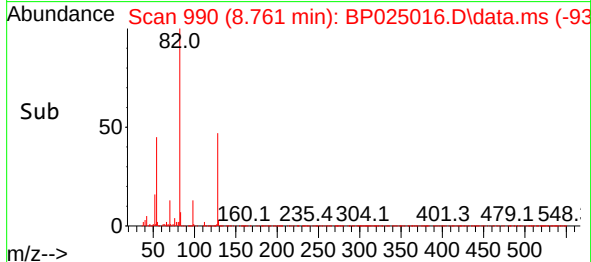
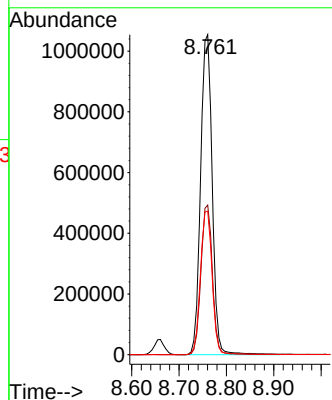
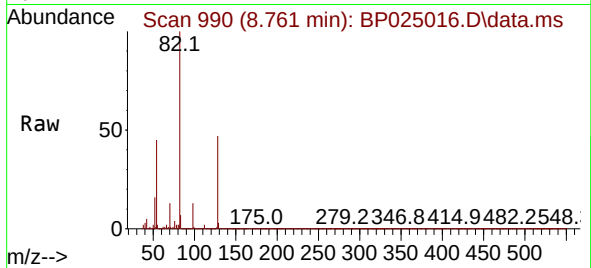




#23
Nitrobenzene-d5
Concen: 79.094 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

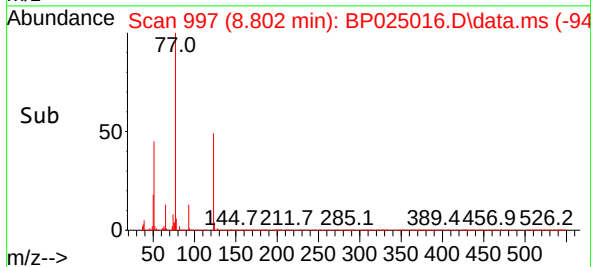
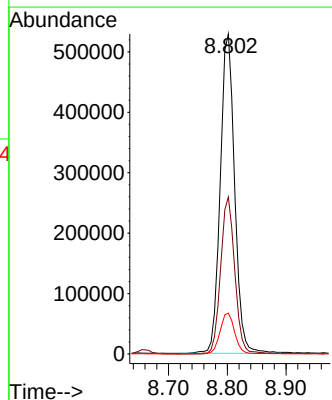
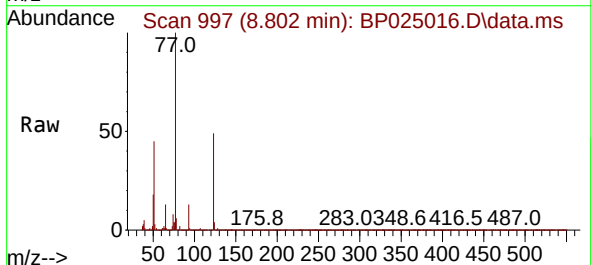
Instrument :
BNA_P
ClientSampleId :
PB168536BS

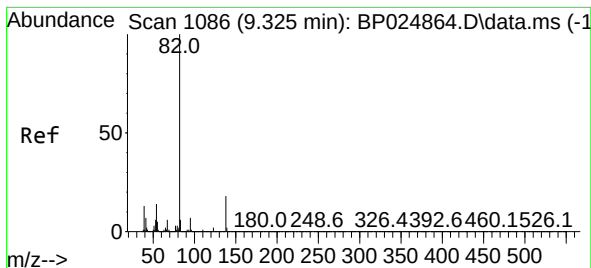
Tgt Ion: 82 Resp: 1795145
Ion Ratio Lower Upper
82 100
128 46.8 35.3 52.9
54 44.8 37.4 56.0



#24
Nitrobenzene
Concen: 44.729 ng
RT: 8.802 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion: 77 Resp: 901887
Ion Ratio Lower Upper
77 100
123 49.1 37.3 55.9
65 12.8 10.8 16.2





#25

Isophorone

Concen: 44.294 ng

RT: 9.319 min Scan# 1085

Delta R.T. -0.006 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

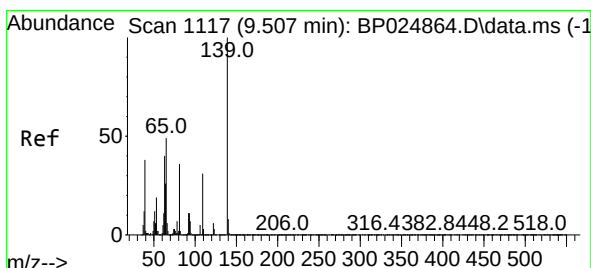
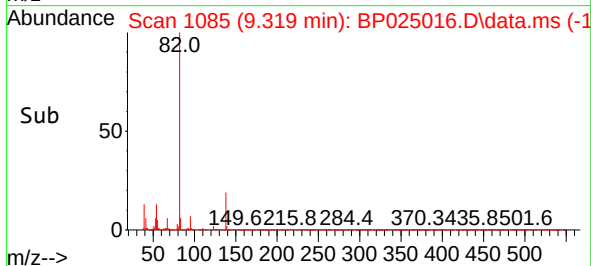
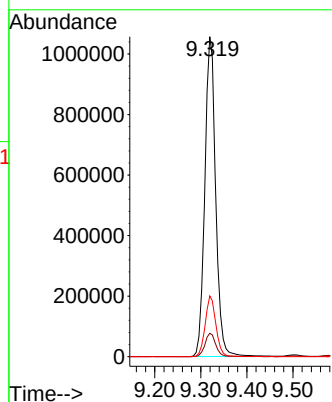
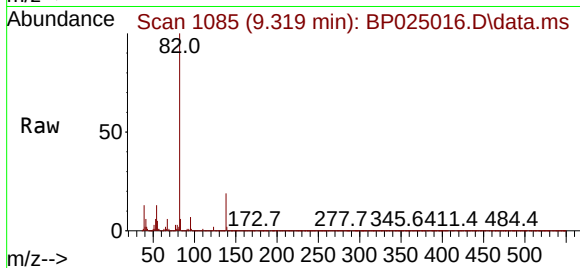
Tgt Ion: 82 Resp: 1742335

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 19.0 14.6 21.8



#26

2-Nitrophenol

Concen: 49.556 ng

RT: 9.502 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

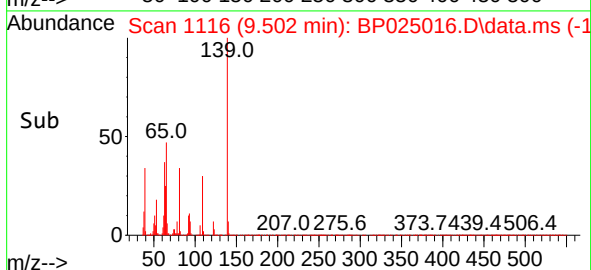
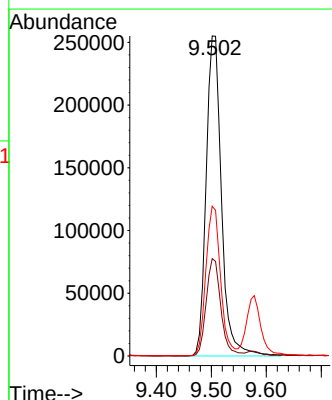
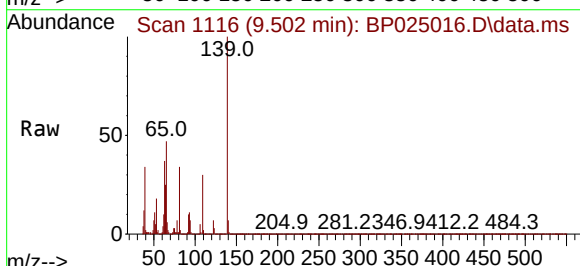
Tgt Ion:139 Resp: 493010

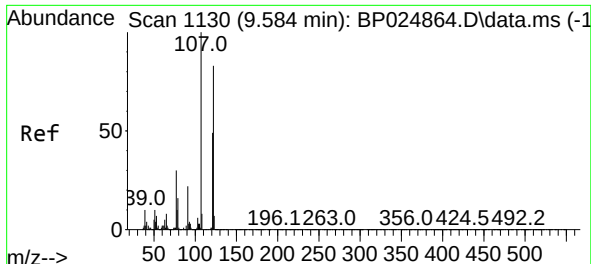
Ion Ratio Lower Upper

139 100

109 30.4 24.6 37.0

65 46.8 39.5 59.3

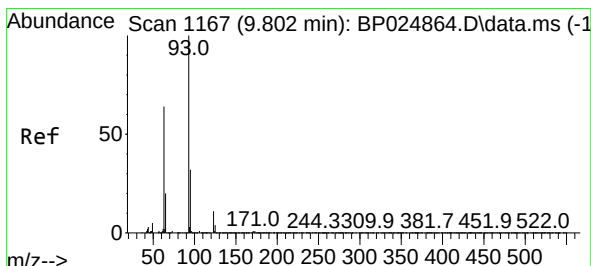
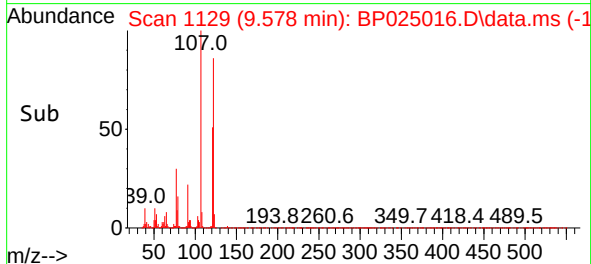
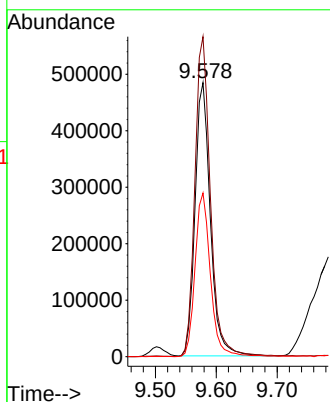
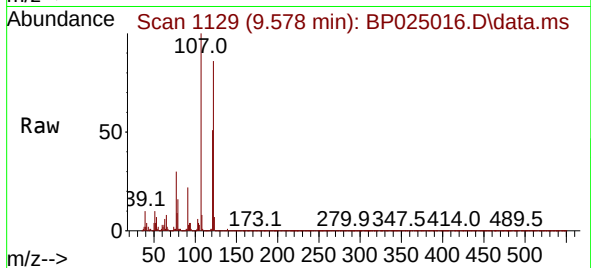




#27
2,4-Dimethylphenol
Concen: 49.607 ng
RT: 9.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

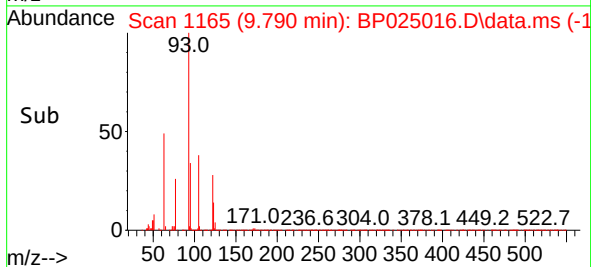
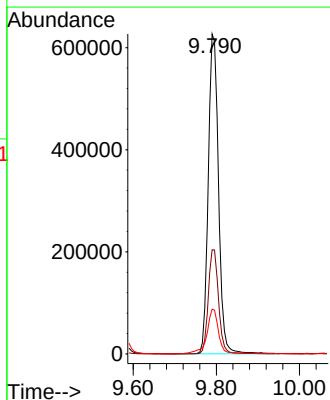
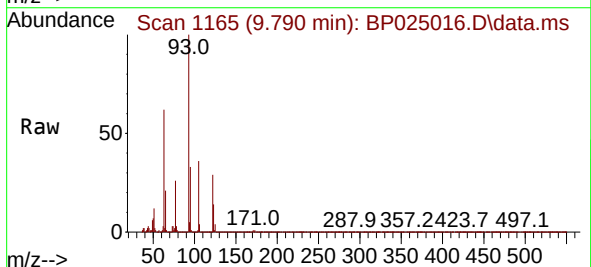
Instrument :
BNA_P
ClientSampleId :
PB168536BS

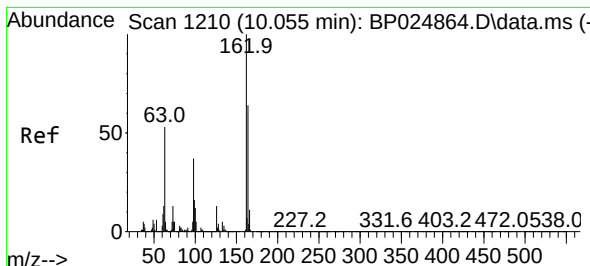
Tgt Ion:122 Resp: 844634
Ion Ratio Lower Upper
122 100
107 116.7 96.2 144.4
121 59.7 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.731 ng
RT: 9.790 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion: 93 Resp: 1073031
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 14.0 9.2 13.8#

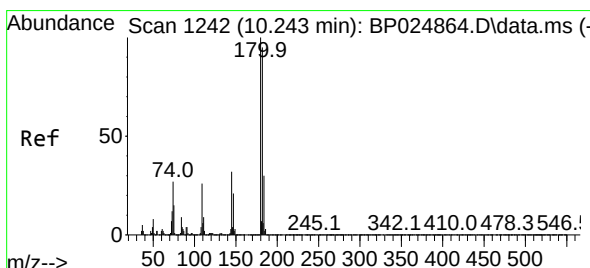
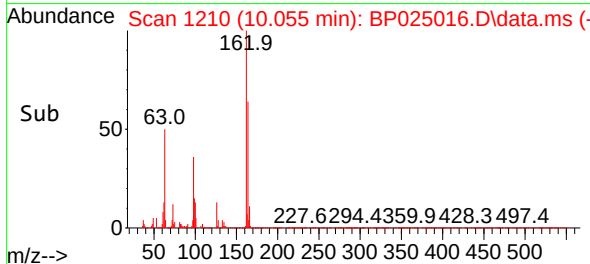
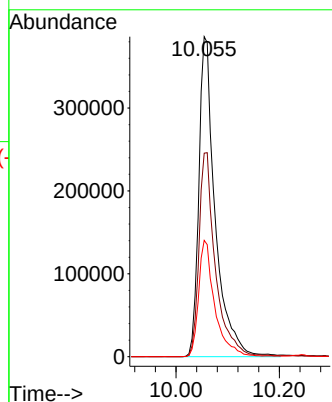
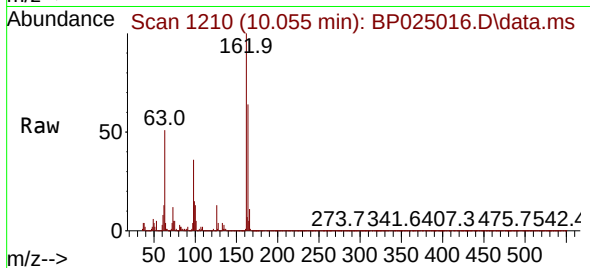




#29
2,4-Dichlorophenol
Concen: 51.928 ng
RT: 10.055 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

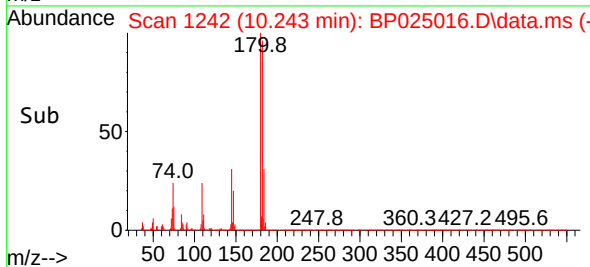
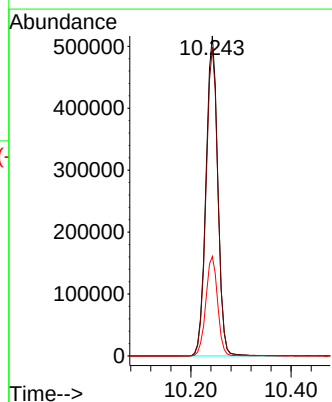
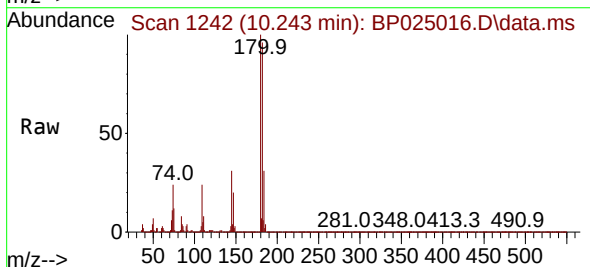
Instrument :
BNA_P
ClientSampleId :
PB168536BS

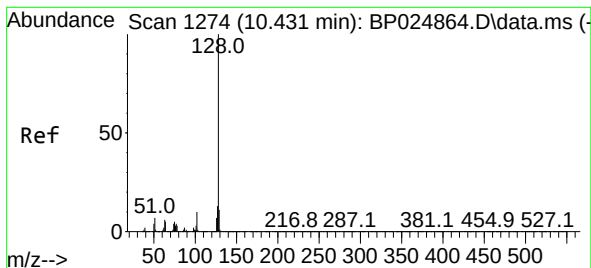
Tgt Ion:162 Resp: 848345
Ion Ratio Lower Upper
162 100
164 63.6 44.0 84.0
98 36.3 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 45.961 ng
RT: 10.243 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:180 Resp: 846903
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.6
145 31.1 25.7 38.5

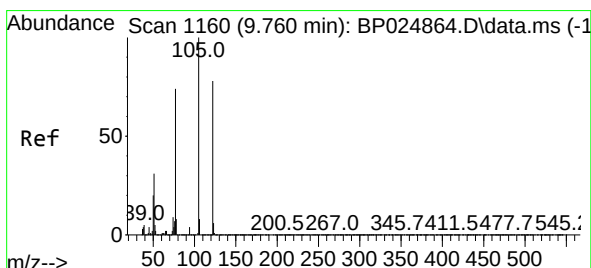
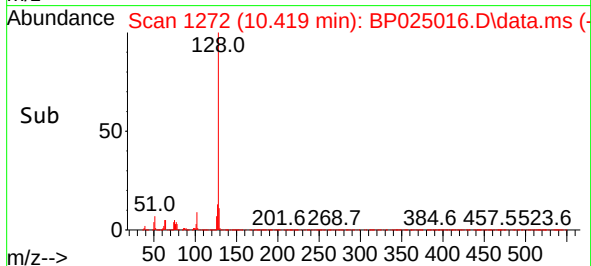
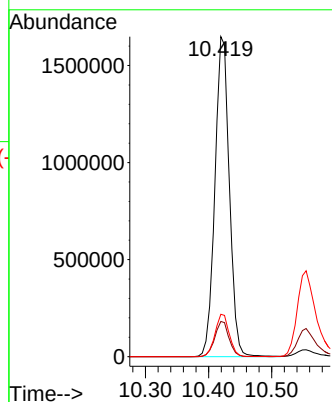
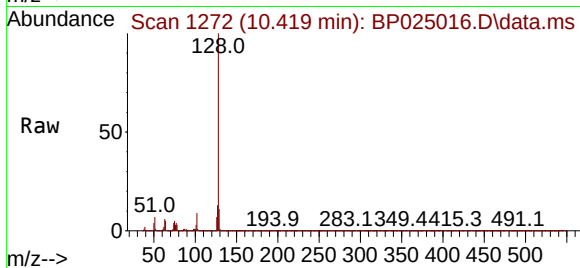




#31
Naphthalene
Concen: 46.283 ng
RT: 10.419 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

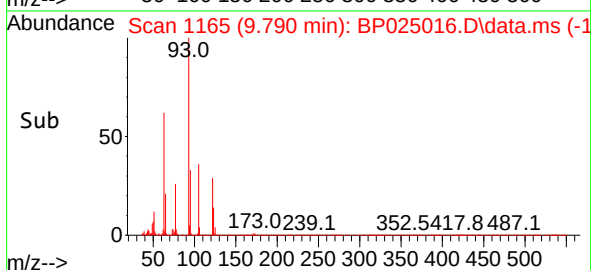
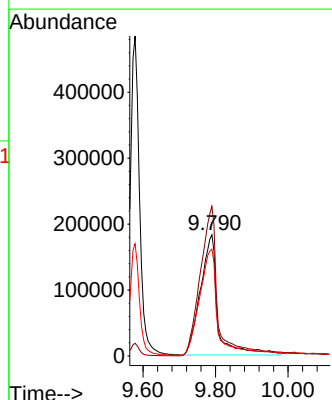
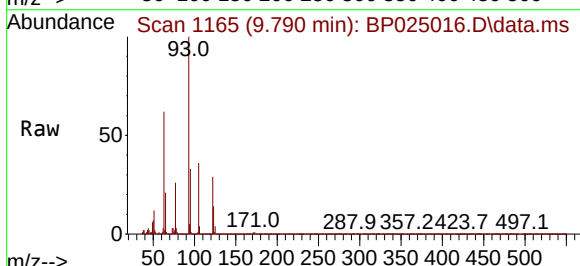
Instrument :
BNA_P
ClientSampleId :
PB168536BS

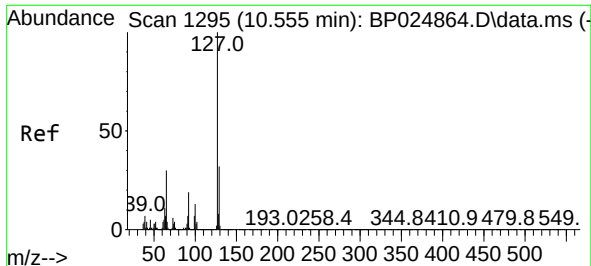
Tgt Ion:128 Resp: 2615880
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 52.919 ng
RT: 9.790 min Scan# 1165
Delta R.T. 0.029 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:122 Resp: 608870
Ion Ratio Lower Upper
122 100
105 123.5 107.1 147.1
77 88.2 75.1 115.1

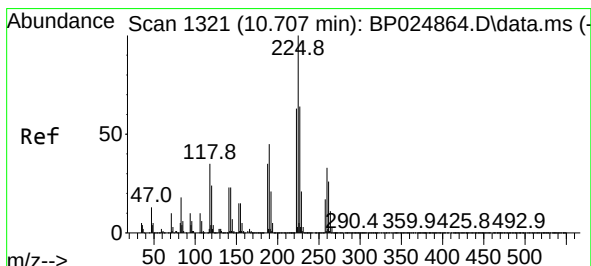
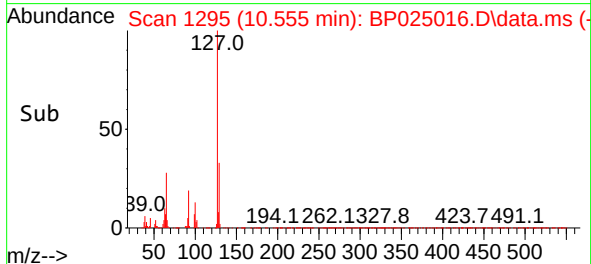
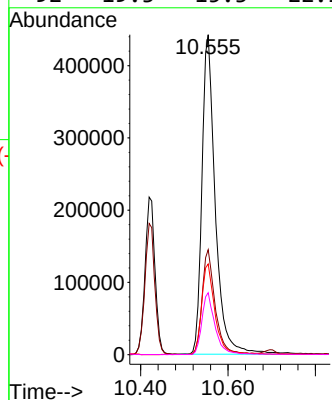
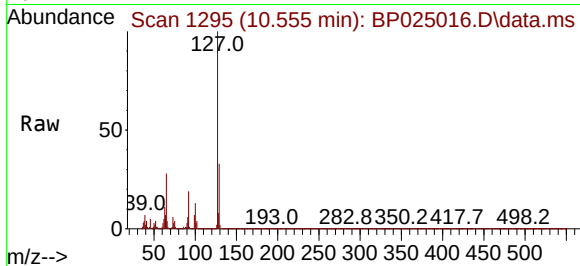




#33
4-Chloroaniline
Concen: 39.706 ng
RT: 10.555 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

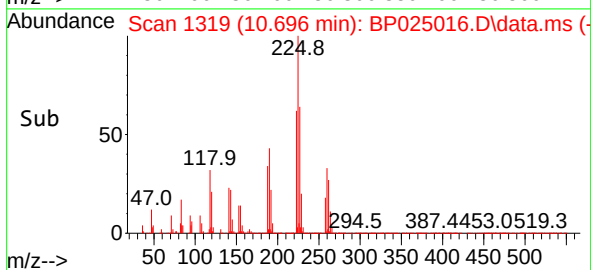
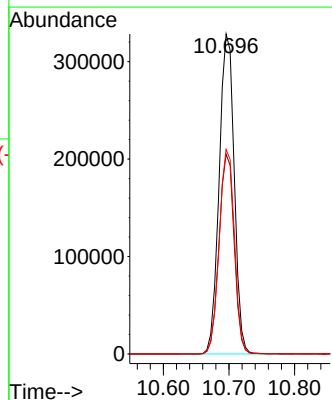
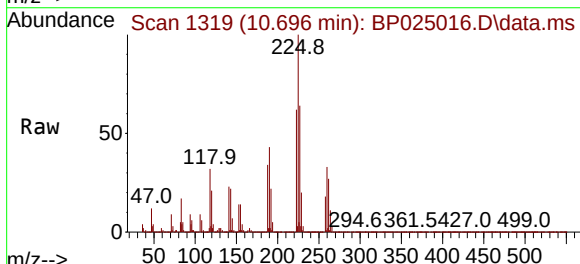
Instrument :
BNA_P
ClientSampleId :
PB168536BS

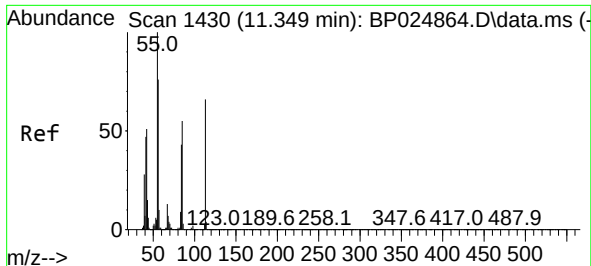
Tgt Ion:	127	Resp:	940199
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.3	23.9	35.9
92	19.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 46.958 ng
RT: 10.696 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:	225	Resp:	521512
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.5	75.7
227	63.9	51.4	77.2

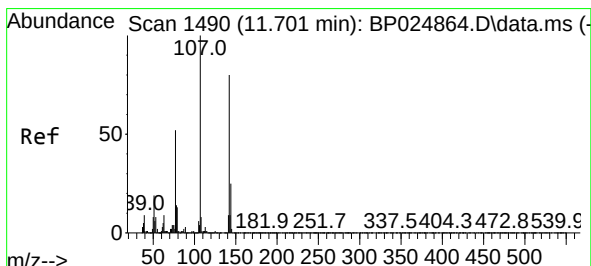
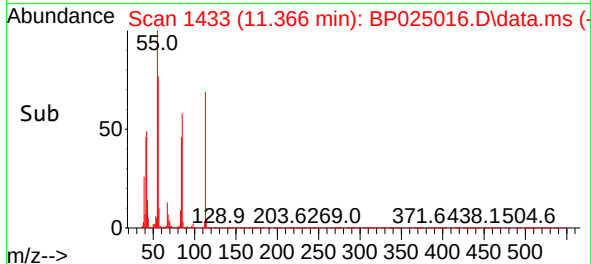
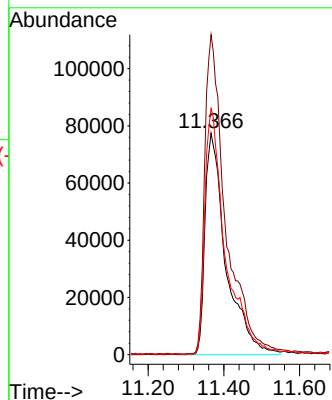
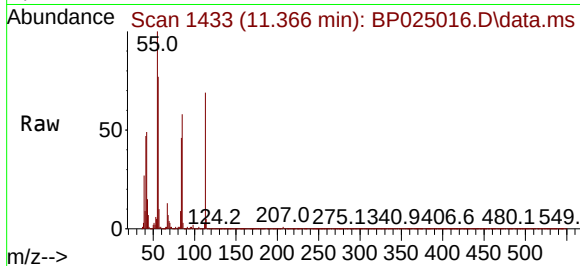




#35
Caprolactam
Concen: 49.287 ng
RT: 11.366 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

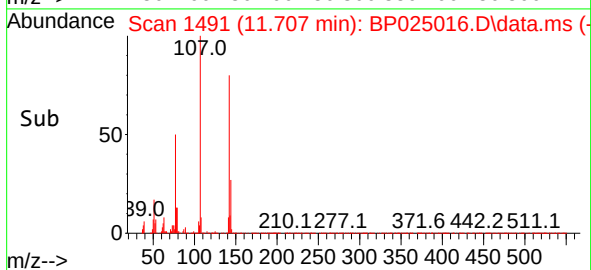
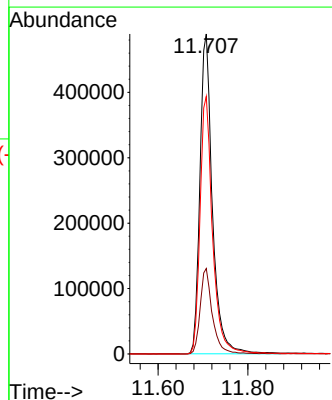
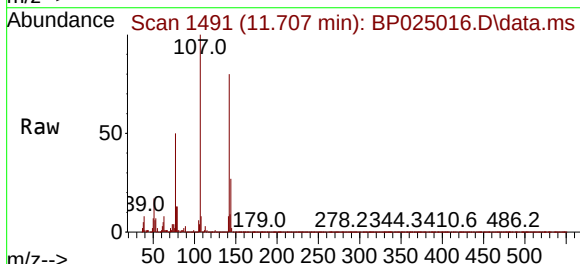
Instrument :
BNA_P
ClientSampleId :
PB168536BS

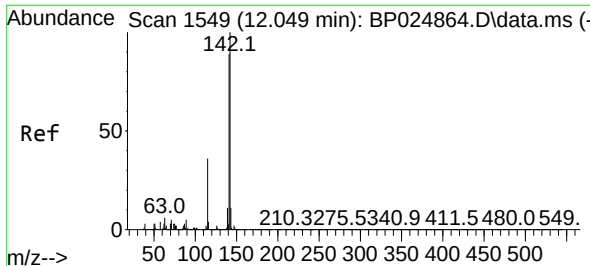
Tgt Ion:113 Resp: 296397
Ion Ratio Lower Upper
113 100
55 144.5 132.5 172.5
56 111.1 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 50.119 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:107 Resp: 944415
Ion Ratio Lower Upper
107 100
144 26.7 20.4 30.6
142 80.5 63.8 95.6

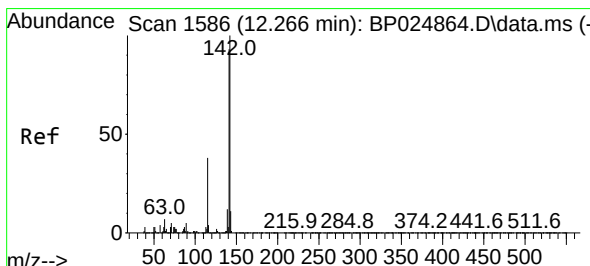
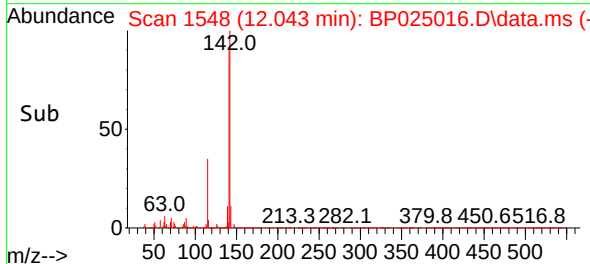
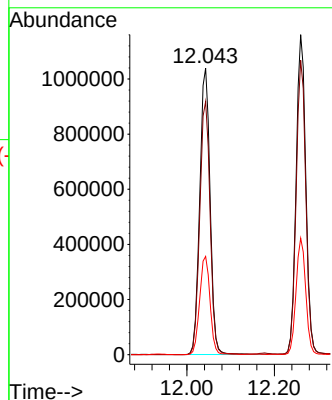
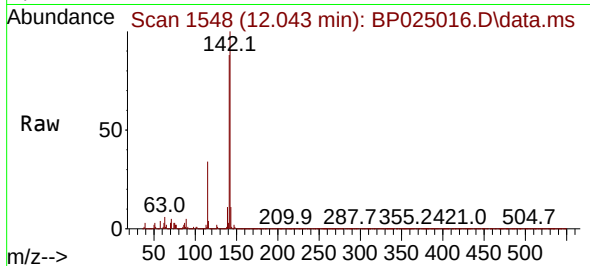




#37
2-Methylnaphthalene
Concen: 47.831 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

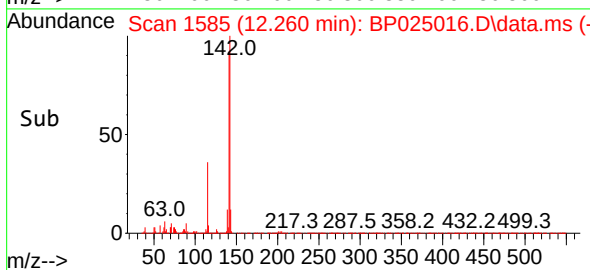
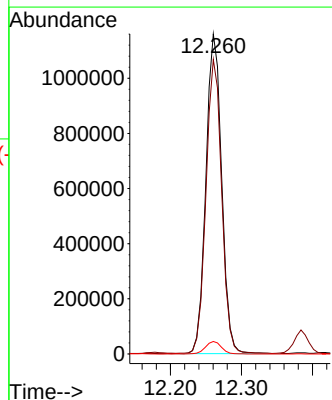
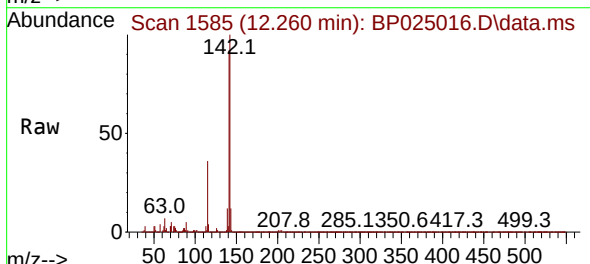
Instrument :
BNA_P
ClientSampleId :
PB168536BS

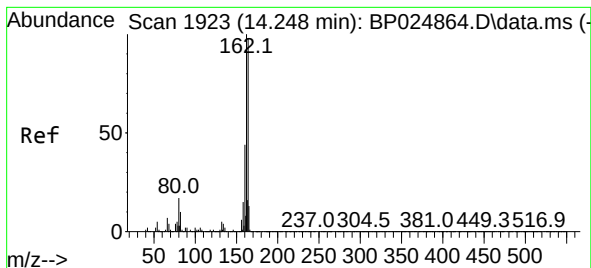
Tgt Ion:142 Resp: 1714813
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8
115 34.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.648 ng
RT: 12.260 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:142 Resp: 1787977
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1
116 3.9 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.248 min Scan# 1923

Delta R.T. 0.000 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

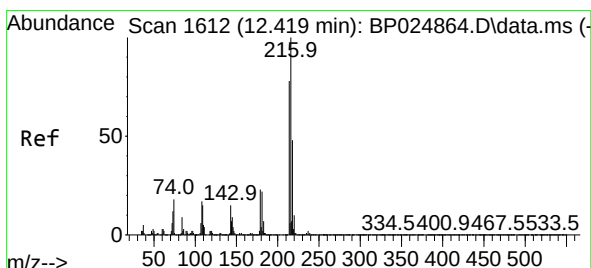
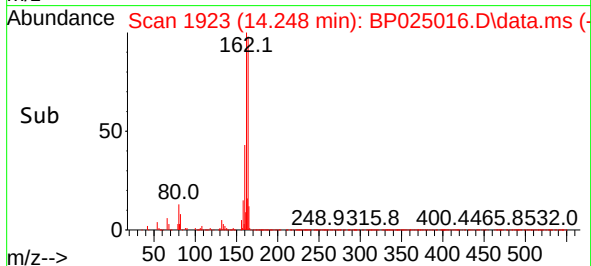
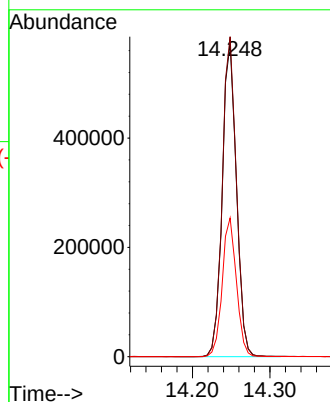
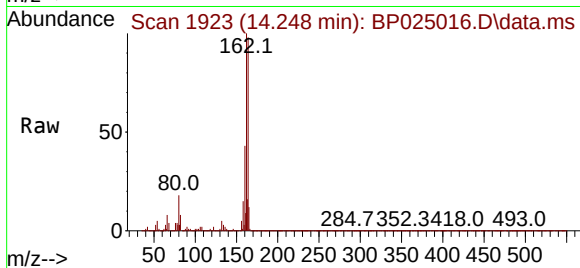
Tgt Ion:164 Resp: 728783

Ion Ratio Lower Upper

164 100

162 102.1 81.6 122.4

160 44.3 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.336 ng

RT: 12.419 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Tgt Ion:216 Resp: 958217

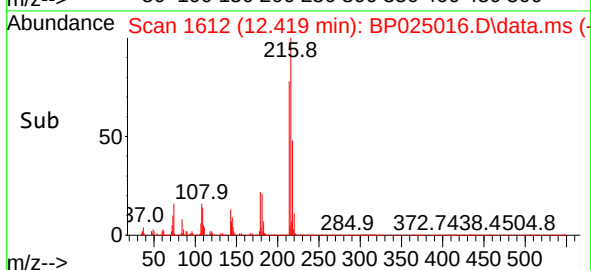
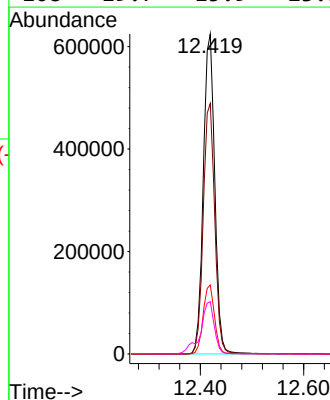
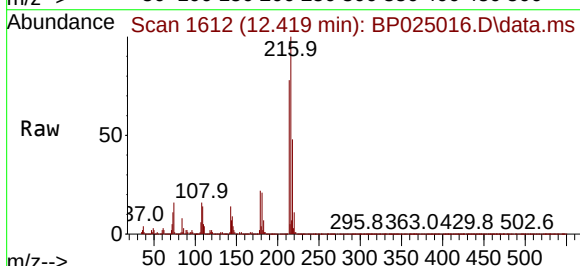
Ion Ratio Lower Upper

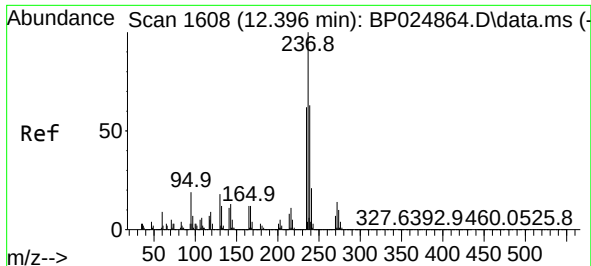
216 100

214 78.8 63.0 94.4

179 21.5 17.8 26.6

108 19.7 15.9 23.9

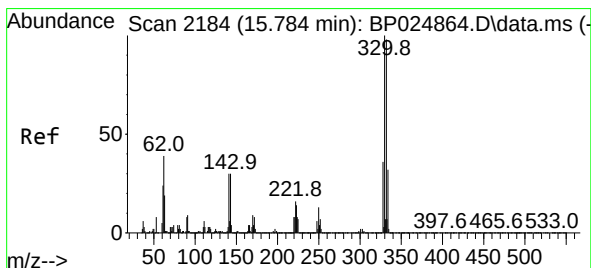
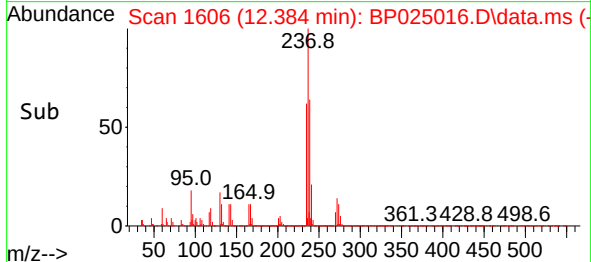
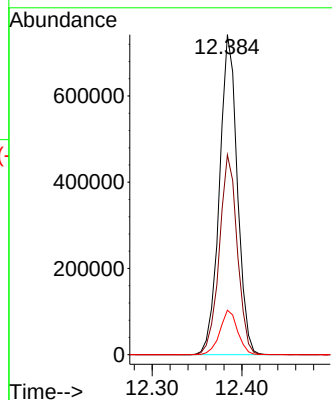
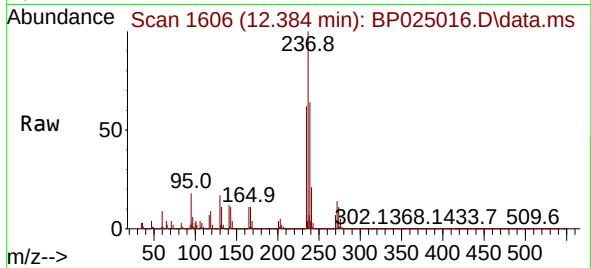




#41
Hexachlorocyclopentadiene
Concen: 81.479 ng
RT: 12.384 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

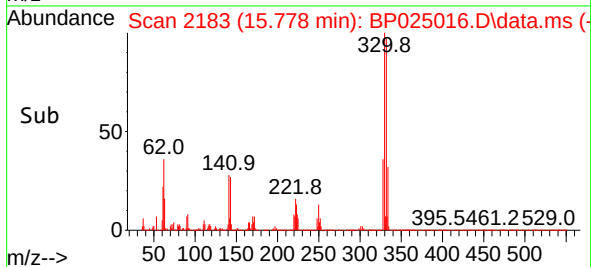
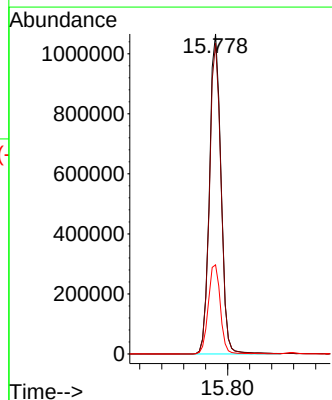
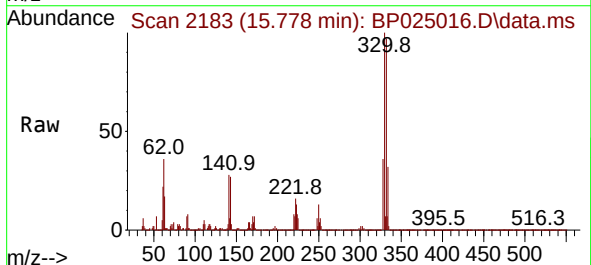
Instrument :
BNA_P
ClientSampleId :
PB168536BS

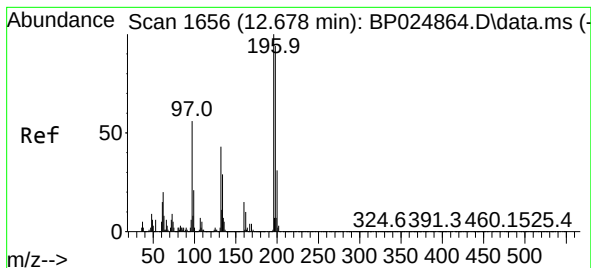
Tgt Ion:237 Resp: 1027711
Ion Ratio Lower Upper
237 100
235 62.5 41.9 81.9
272 13.9 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 153.998 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:330 Resp: 1551657
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 29.1 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 49.731 ng

RT: 12.678 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

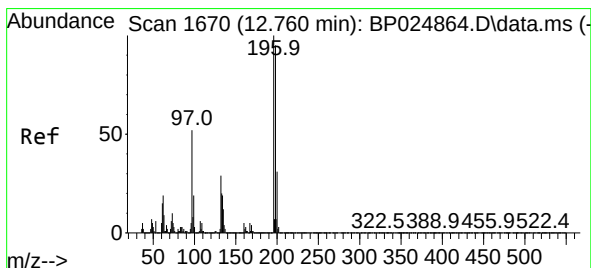
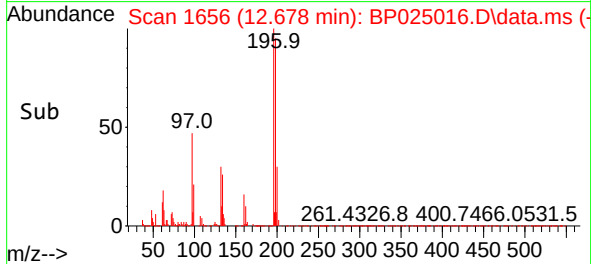
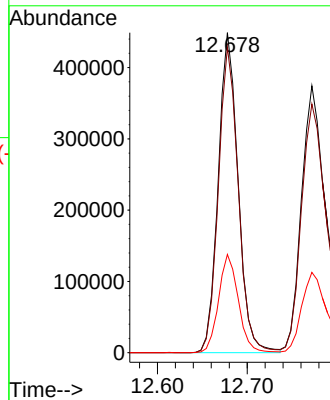
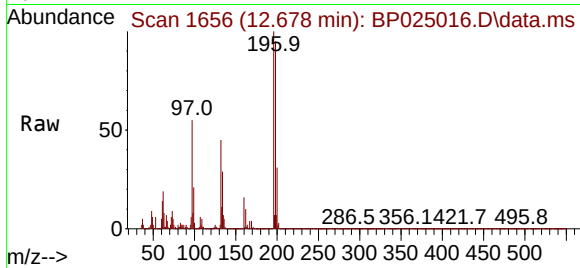
Tgt Ion:196 Resp: 690644

Ion Ratio Lower Upper

196 100

198 95.5 75.4 113.0

200 30.7 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 51.763 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Tgt Ion:196 Resp: 769863

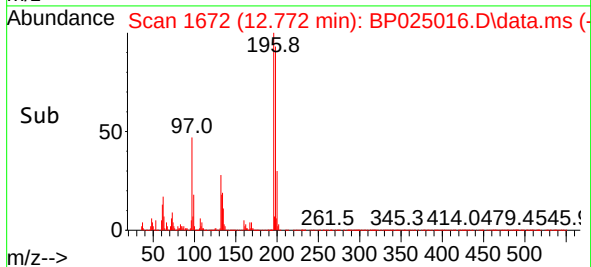
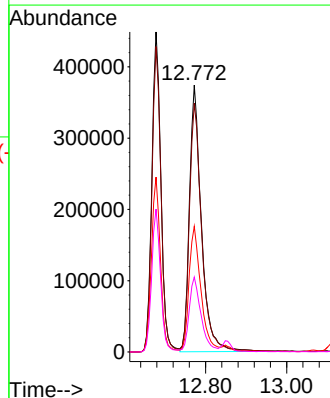
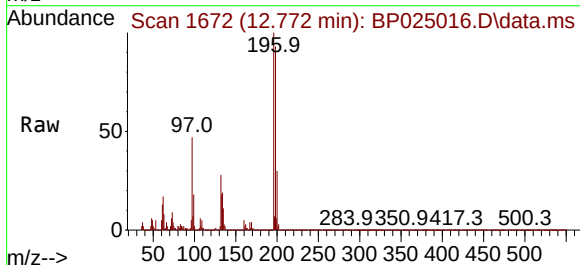
Ion Ratio Lower Upper

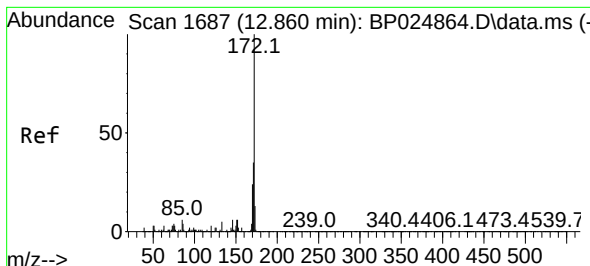
196 100

198 93.1 76.0 114.0

97 47.0 41.5 62.3

132 28.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 80.605 ng

RT: 12.849 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

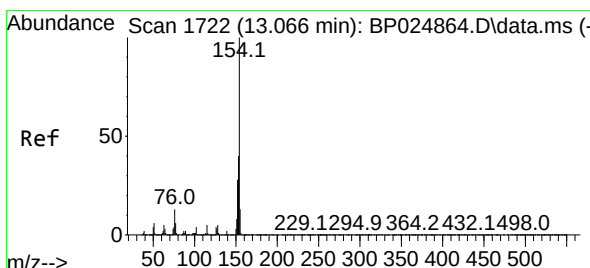
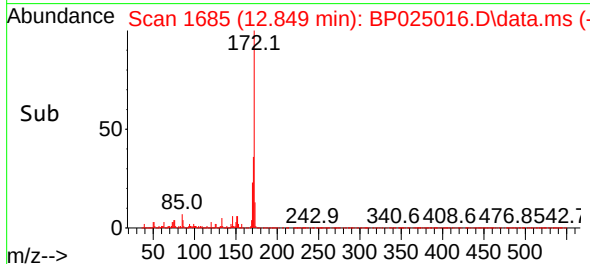
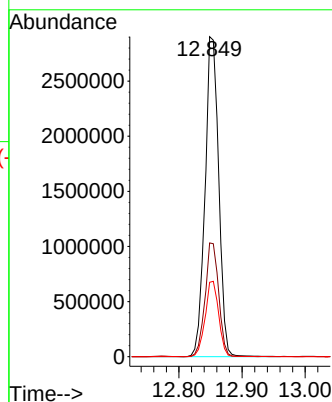
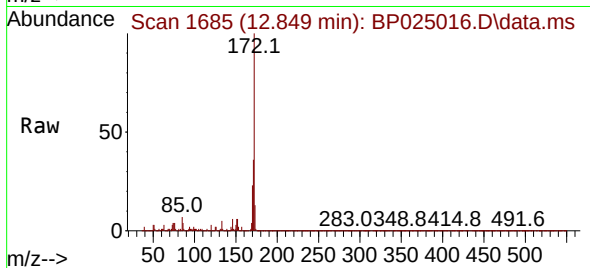
Tgt Ion:172 Resp: 4360659

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 46.259 ng

RT: 13.066 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

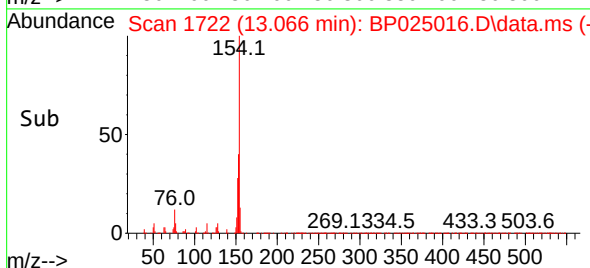
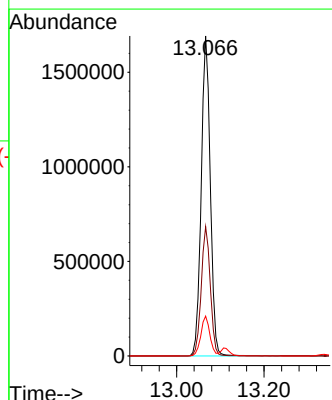
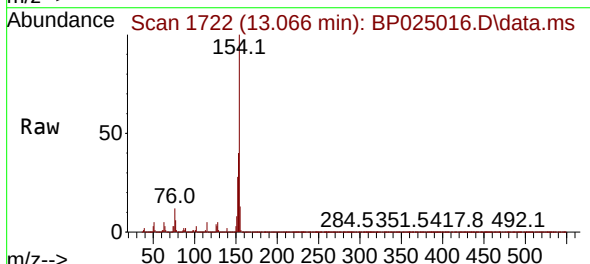
Tgt Ion:154 Resp: 2450009

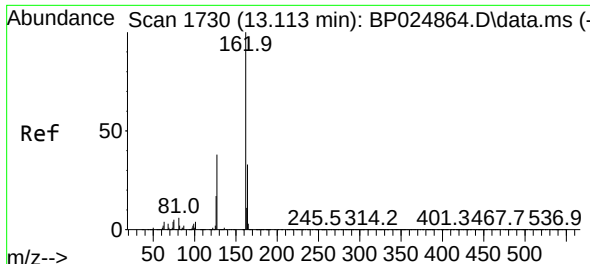
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.4 0.0 33.0

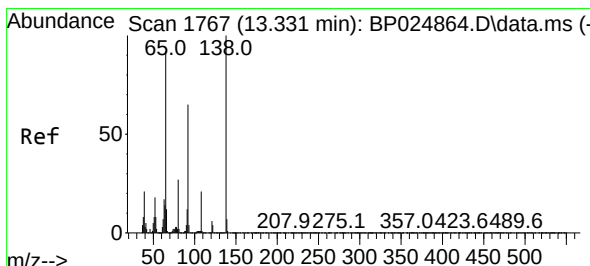
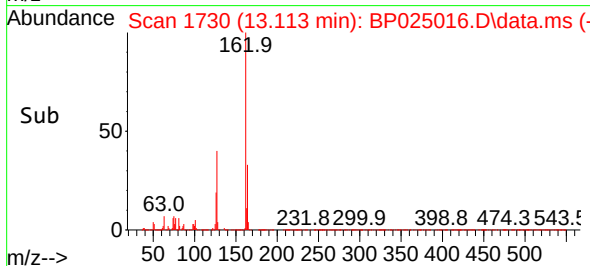
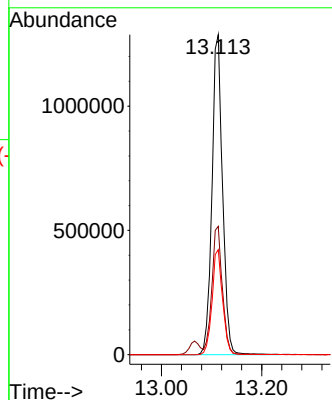
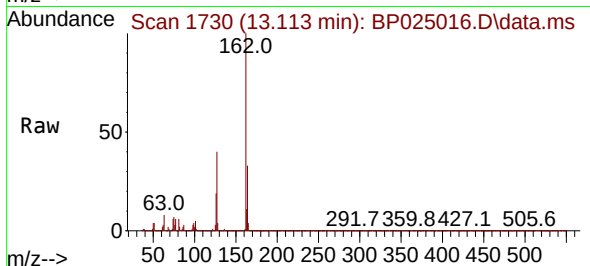




#47
2-Chloronaphthalene
Concen: 46.363 ng
RT: 13.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

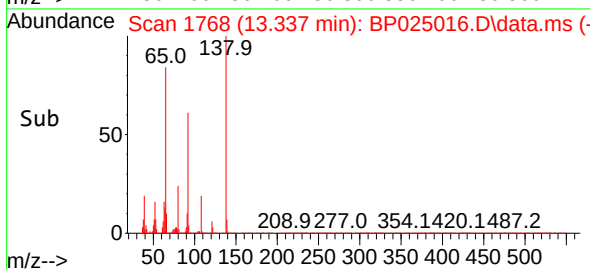
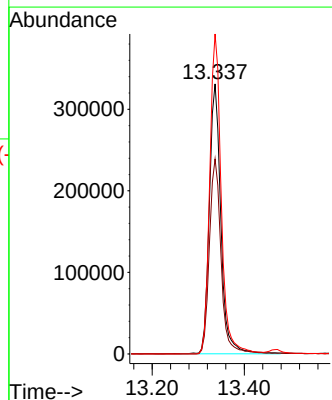
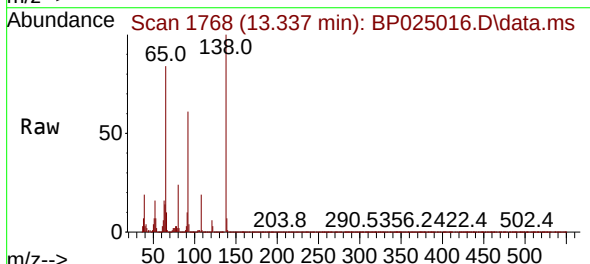
Instrument :
BNA_P
ClientSampleId :
PB168536BS

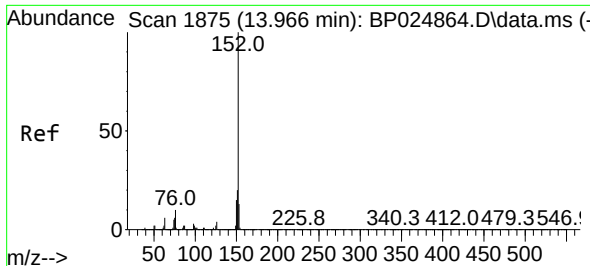
Tgt Ion:162 Resp: 1887247
Ion Ratio Lower Upper
162 100
127 40.1 32.5 48.7
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 46.290 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion: 65 Resp: 579286
Ion Ratio Lower Upper
65 100
92 72.2 56.8 85.2
138 118.5 86.9 130.3

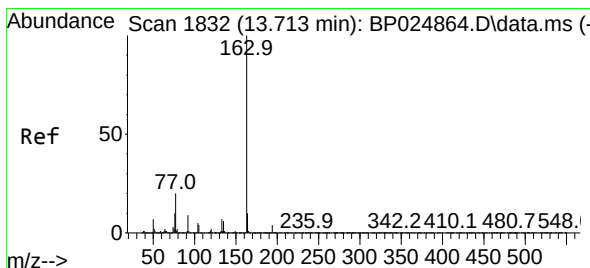
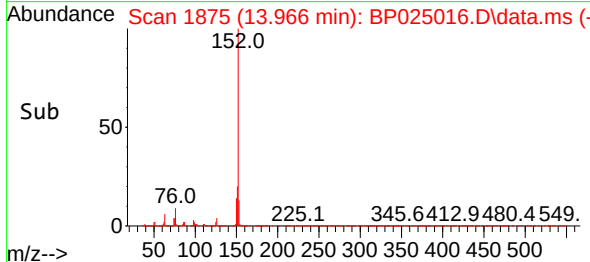
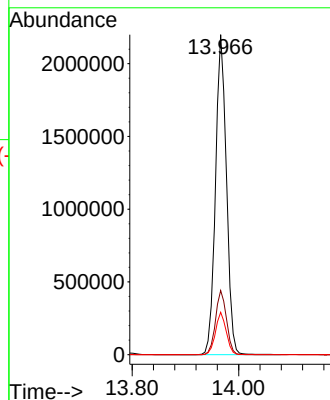
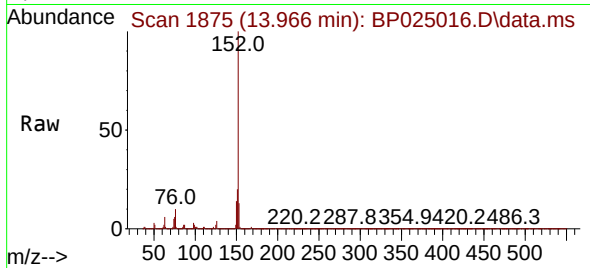




#49
Acenaphthylene
Concen: 46.238 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

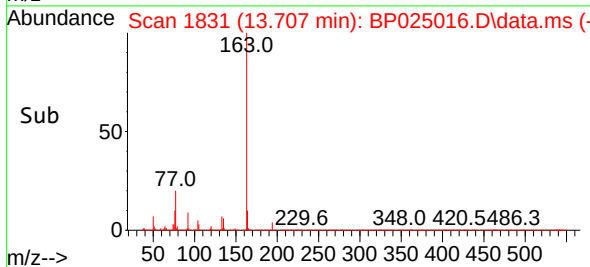
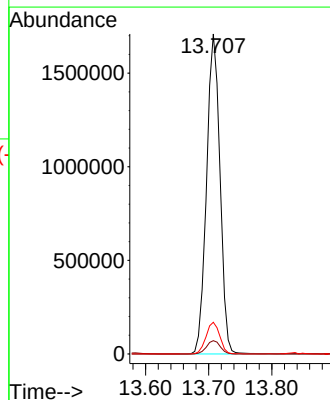
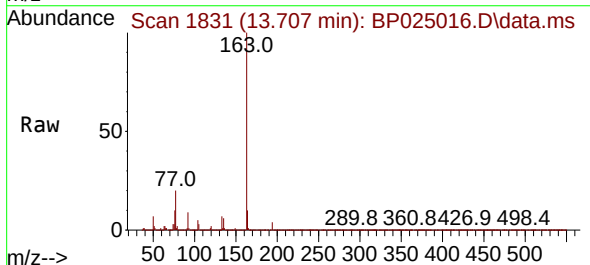
Instrument :
BNA_P
ClientSampleId :
PB168536BS

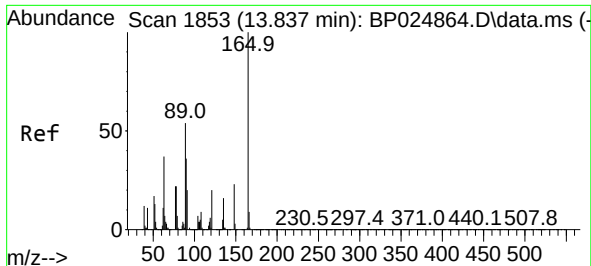
Tgt Ion:152 Resp: 3138283
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 46.809 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:163 Resp: 2516497
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.0 12.0

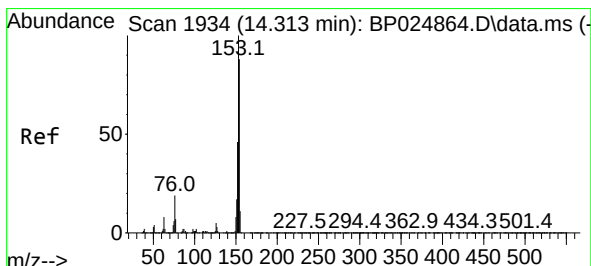
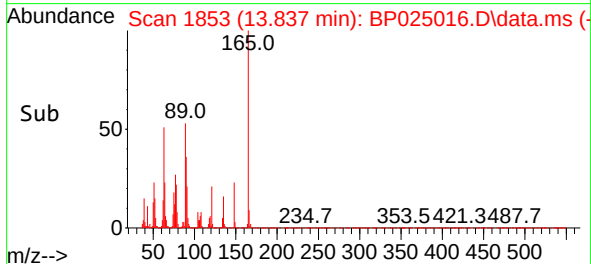
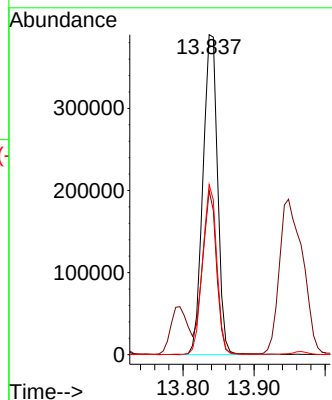
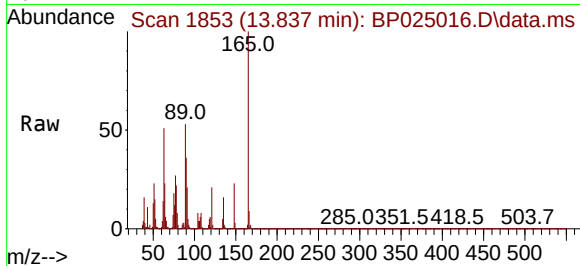




#51
2,6-Dinitrotoluene
Concen: 48.445 ng
RT: 13.837 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

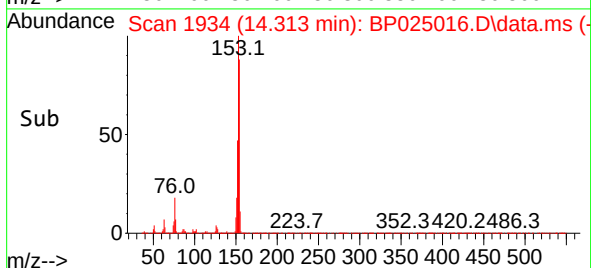
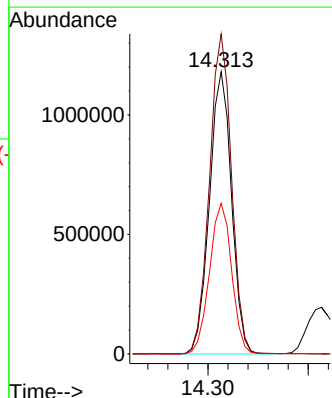
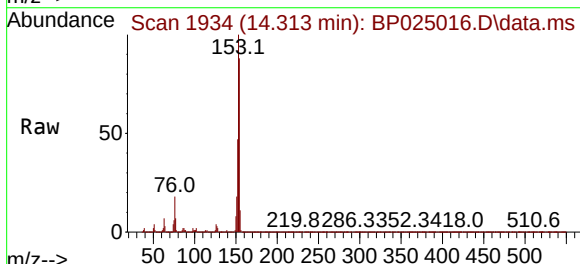
Instrument :
BNA_P
ClientSampleId :
PB168536BS

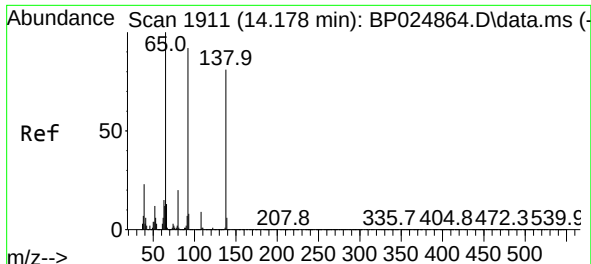
Tgt Ion:165 Resp: 561465
Ion Ratio Lower Upper
165 100
63 51.3 41.8 62.8
89 53.1 43.1 64.7



#52
Acenaphthene
Concen: 46.396 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:154 Resp: 1804477
Ion Ratio Lower Upper
154 100
153 113.4 90.5 135.7
152 53.4 42.1 63.1

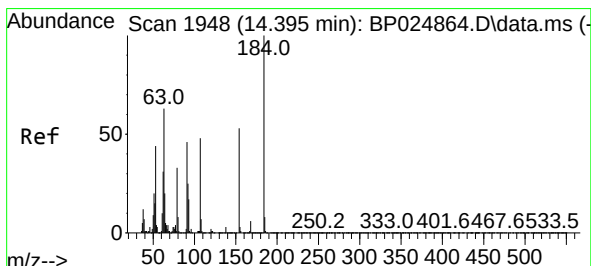
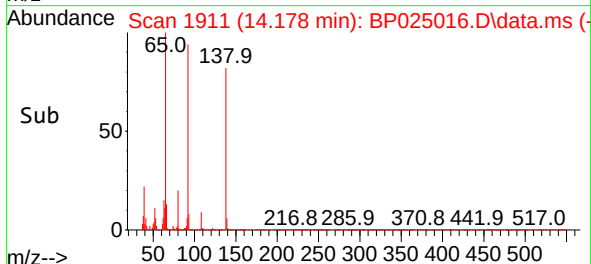
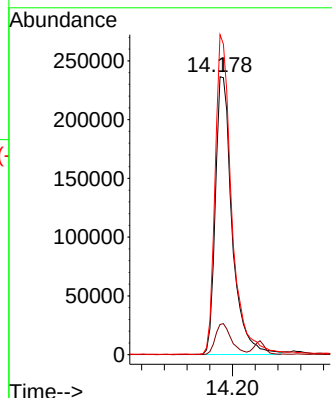
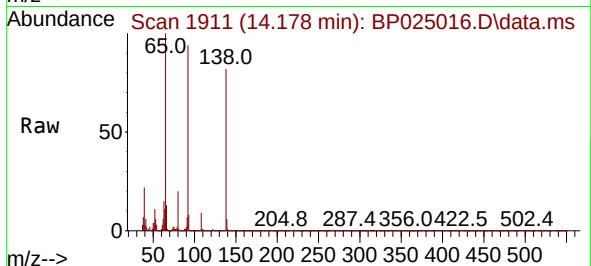




#53
3-Nitroaniline
Concen: 40.167 ng
RT: 14.178 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

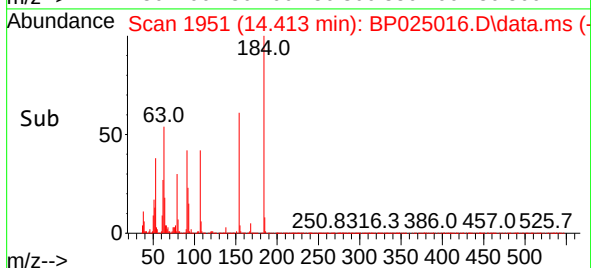
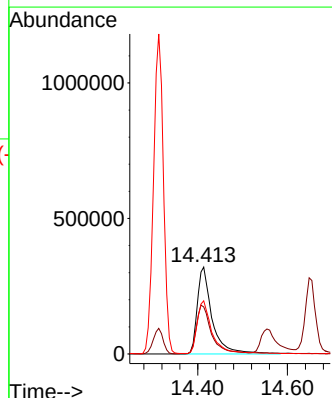
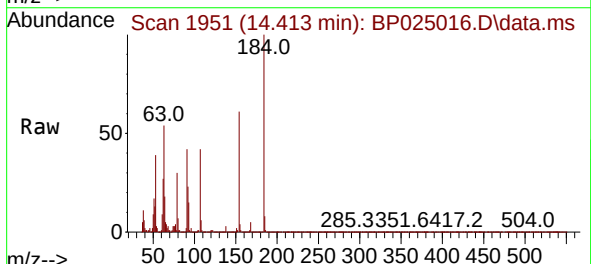
Instrument :
BNA_P
ClientSampleId :
PB168536BS

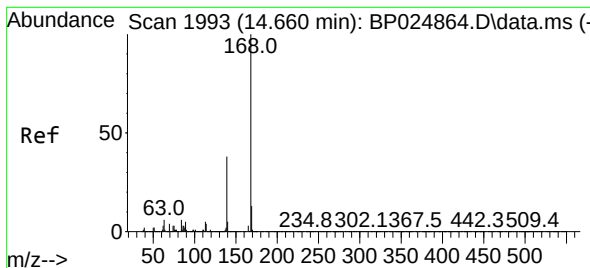
Tgt Ion:138 Resp: 483102
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 115.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 96.161 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.018 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:184 Resp: 734824
Ion Ratio Lower Upper
184 100
63 54.2 51.0 76.4
154 61.1 51.7 77.5





#55

Dibenzofuran

Concen: 46.574 ng

RT: 14.654 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

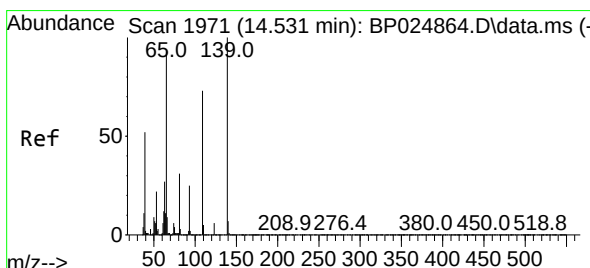
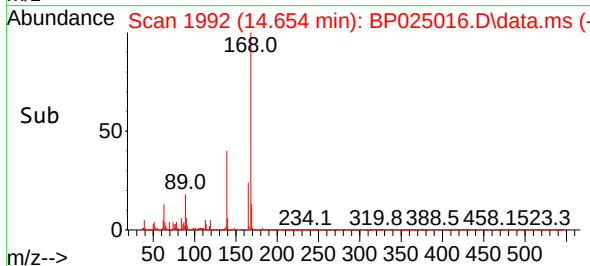
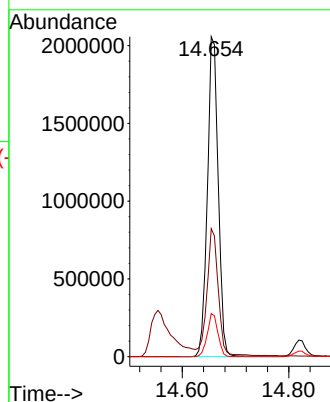
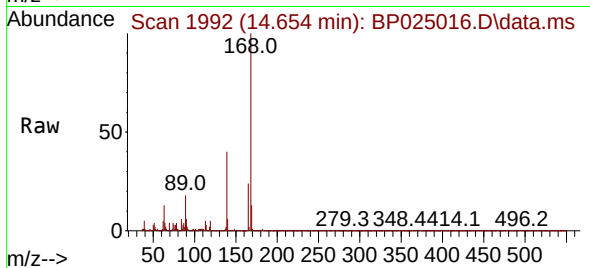
Tgt Ion:168 Resp: 2907629

Ion Ratio Lower Upper

168 100

139 40.0 31.6 47.4

169 13.5 10.6 15.8



#56

4-Nitrophenol

Concen: 79.572 ng

RT: 14.554 min Scan# 1975

Delta R.T. 0.023 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

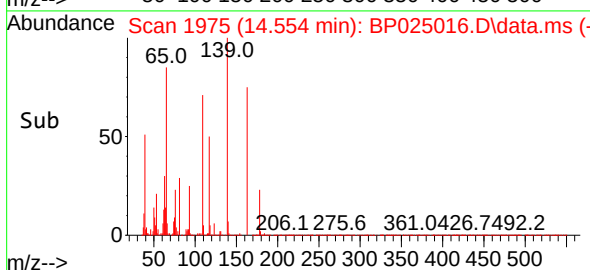
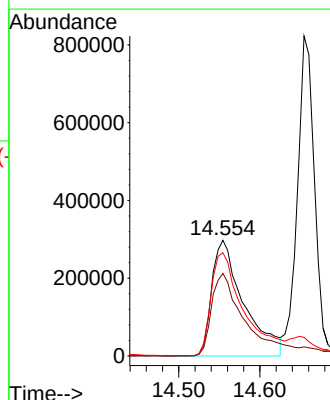
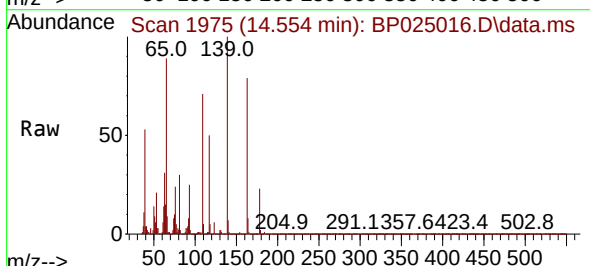
Tgt Ion:139 Resp: 809905

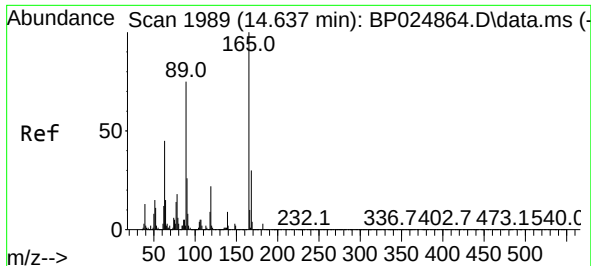
Ion Ratio Lower Upper

139 100

109 71.3 53.1 93.1

65 89.3 73.0 113.0

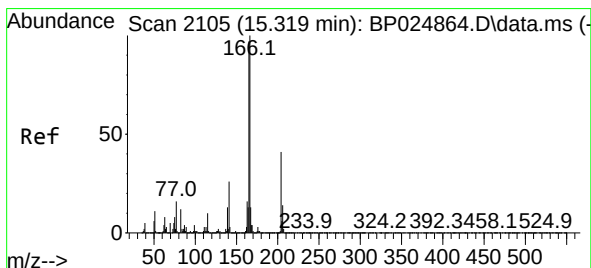
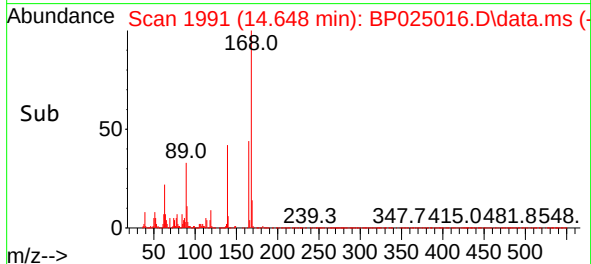
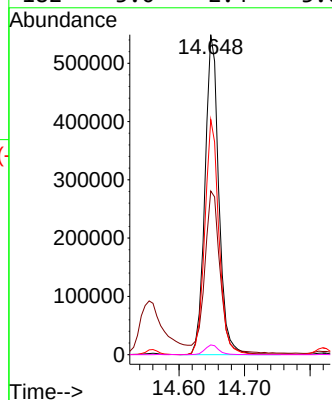
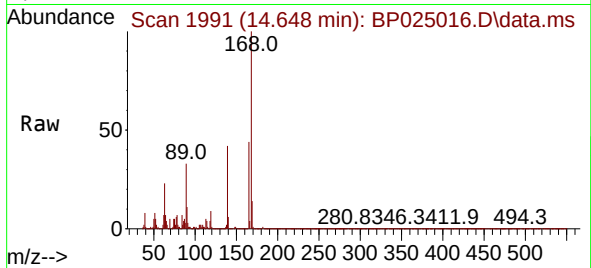




#57
2,4-Dinitrotoluene
Concen: 49.763 ng
RT: 14.648 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

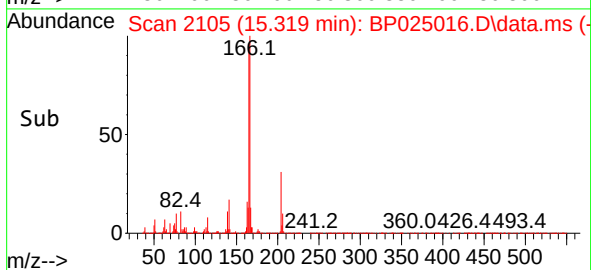
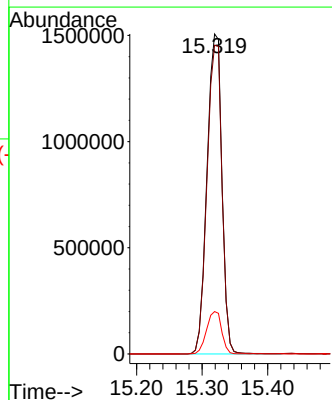
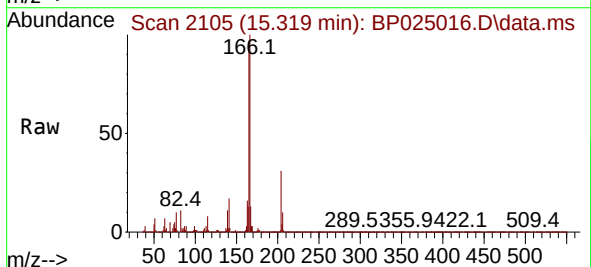
Instrument :
BNA_P
ClientSampleId :
PB168536BS

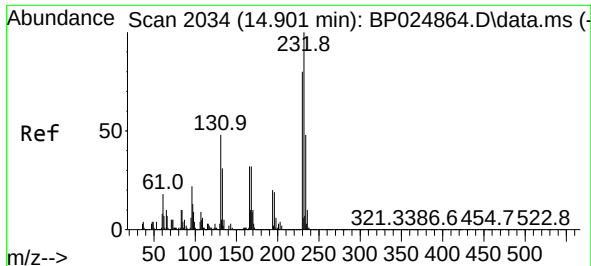
Tgt Ion:165 Resp: 806766
Ion Ratio Lower Upper
165 100
63 51.1 37.0 55.6
89 73.5 60.1 90.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 47.237 ng
RT: 15.319 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:166 Resp: 2382265
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.3 10.6 16.0

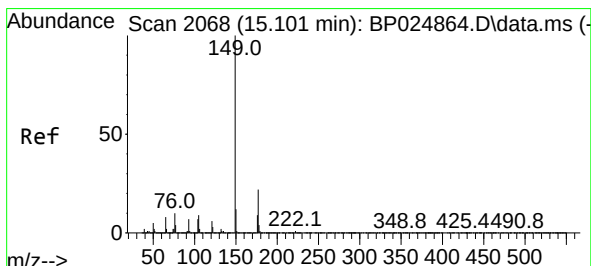
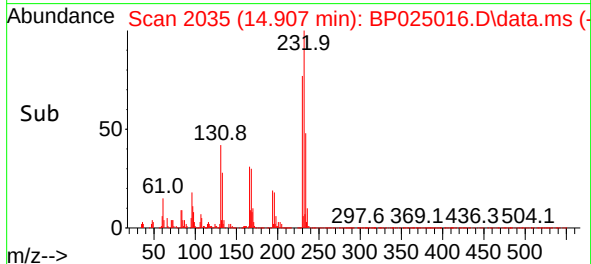
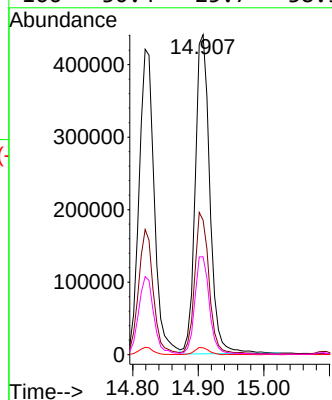
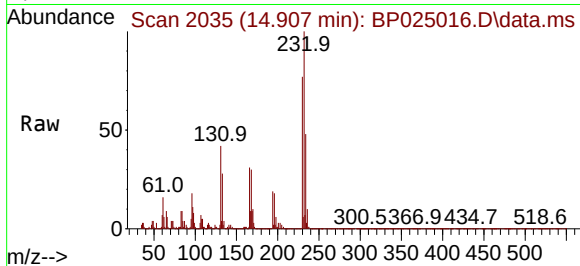




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.460 ng
RT: 14.907 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

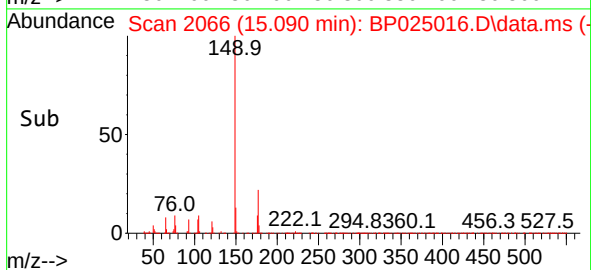
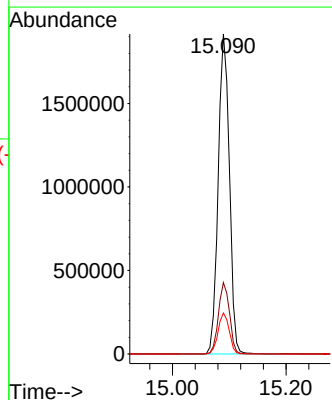
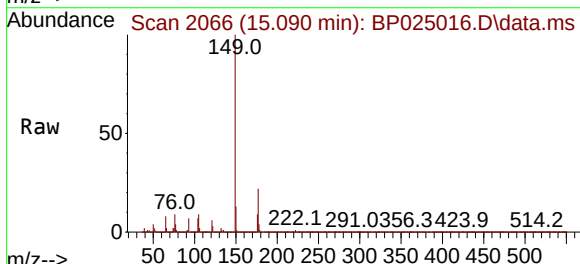
Instrument :
BNA_P
ClientSampleId :
PB168536BS

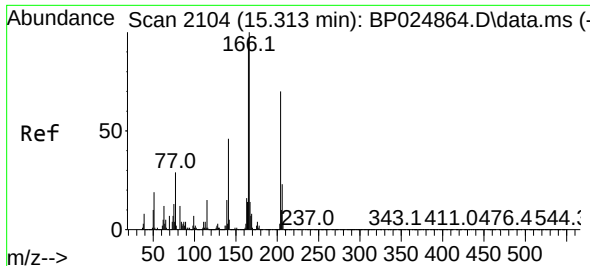
Tgt Ion:232 Resp: 683836
Ion Ratio Lower Upper
232 100
131 43.9 38.2 57.2
130 2.2 2.1 3.1
166 30.4 25.7 38.5



#60
Diethylphthalate
Concen: 48.702 ng
RT: 15.090 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:149 Resp: 2609424
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.8 9.8 14.6

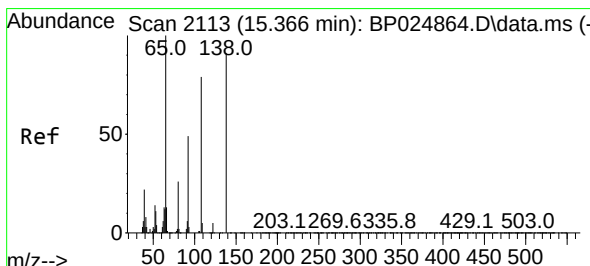
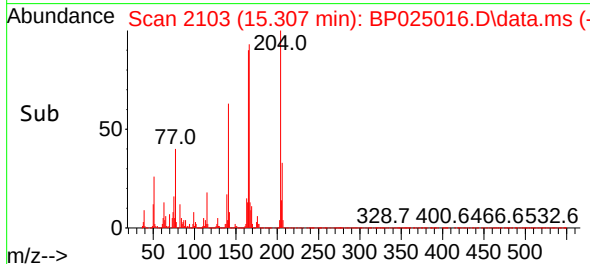
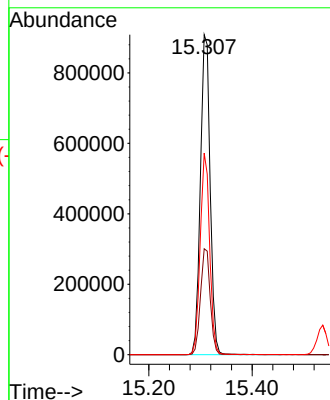
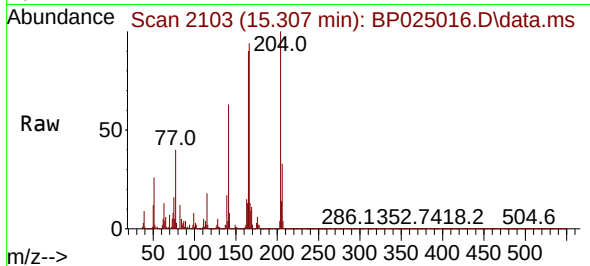




#61
4-Chlorophenyl-phenylether
Concen: 48.154 ng
RT: 15.307 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

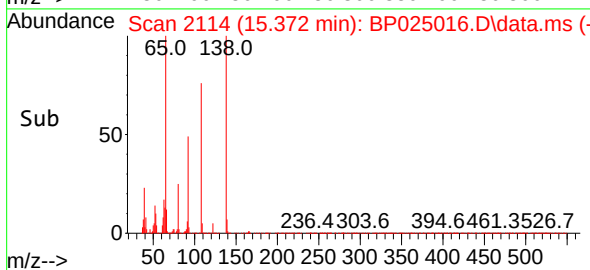
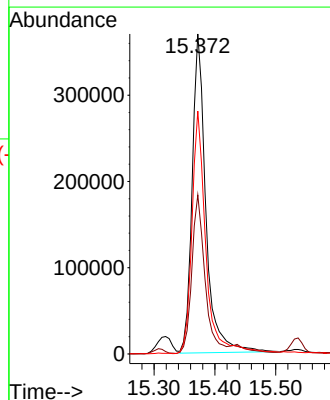
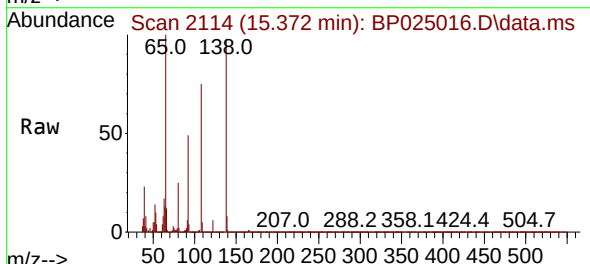
Instrument :
BNA_P
ClientSampleId :
PB168536BS

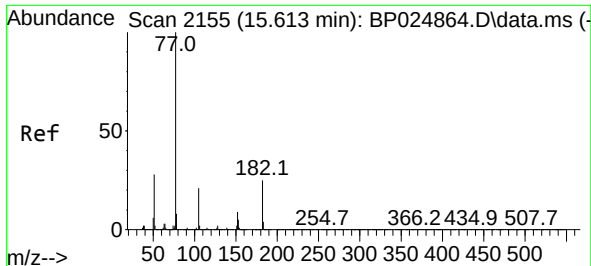
Tgt Ion:204 Resp: 1187424
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 63.0 52.4 78.6



#62
4-Nitroaniline
Concen: 52.967 ng
RT: 15.372 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:138 Resp: 577631
Ion Ratio Lower Upper
138 100
92 49.7 33.5 73.5
108 75.9 65.1 105.1



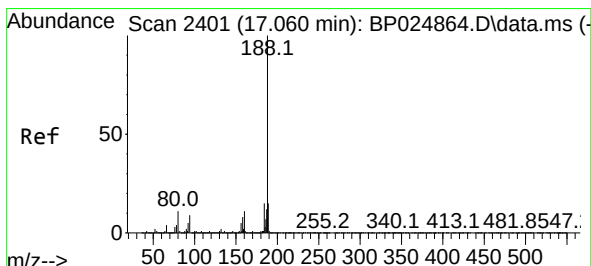
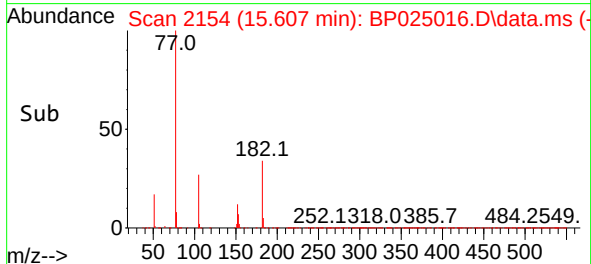
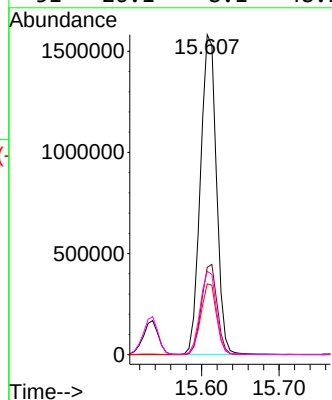
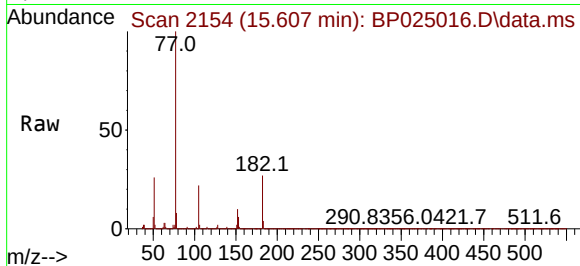


#63
Azobenzene
Concen: 46.057 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Instrument :
BNA_P
ClientSampleId :
PB168536BS

Tgt Ion: 77 Resp: 2263191

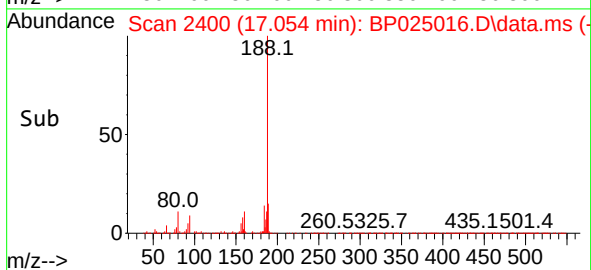
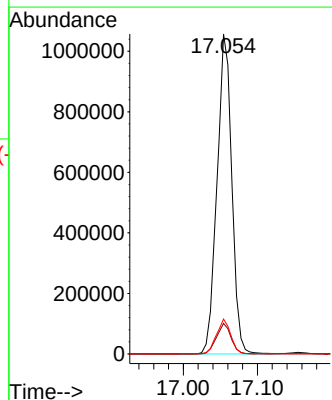
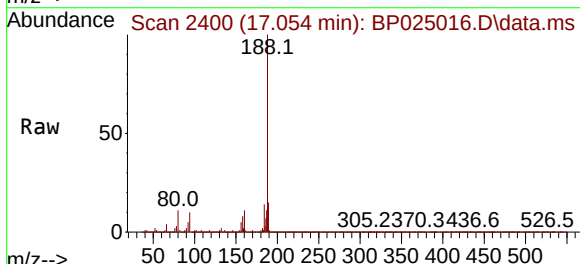
Ion	Ratio	Lower	Upper
77	100		
182	27.3	5.4	45.4
105	22.1	0.8	40.8
51	26.1	8.1	48.1

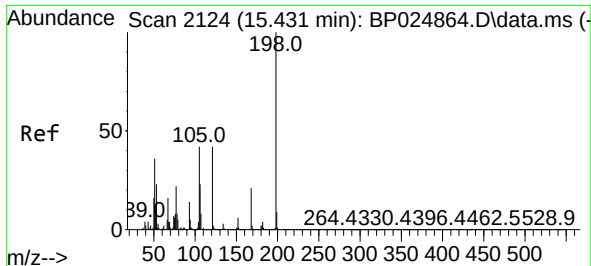


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion: 188 Resp: 1461908

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.9	8.5	12.7

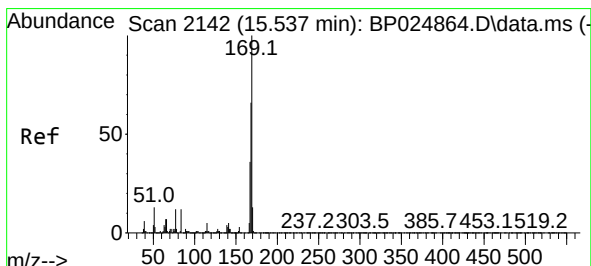
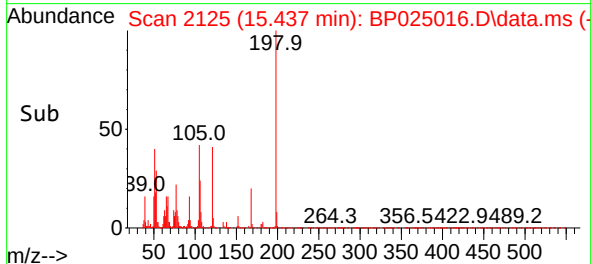
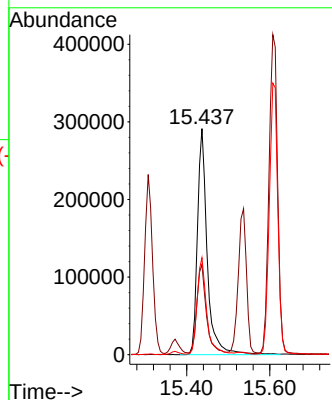
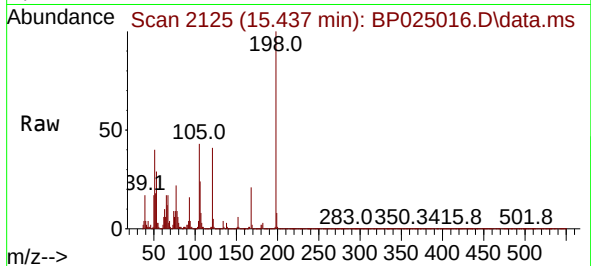




#65
4,6-Dinitro-2-methylphenol
Concen: 49.805 ng
RT: 15.437 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

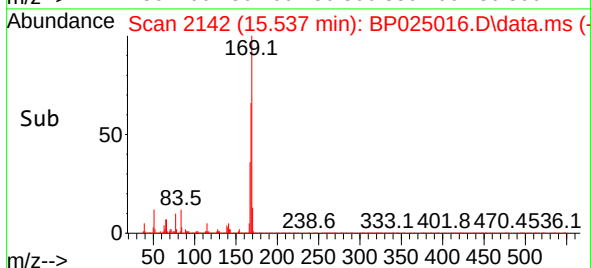
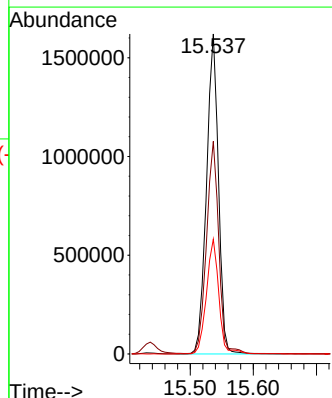
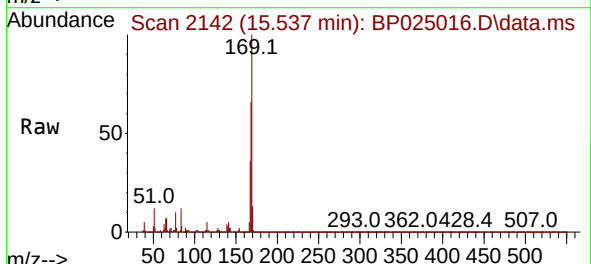
Instrument :
BNA_P
ClientSampleId :
PB168536BS

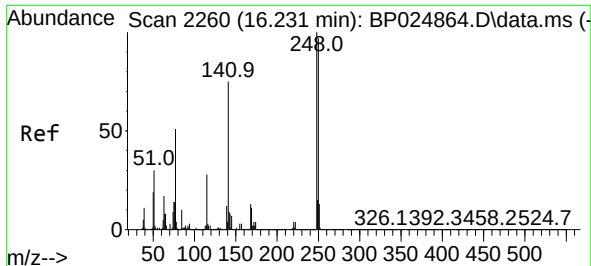
Tgt Ion:198 Resp: 478428
Ion Ratio Lower Upper
198 100
51 39.9 19.2 59.2
105 42.9 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 47.078 ng
RT: 15.537 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:169 Resp: 2133205
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 35.9 28.6 43.0

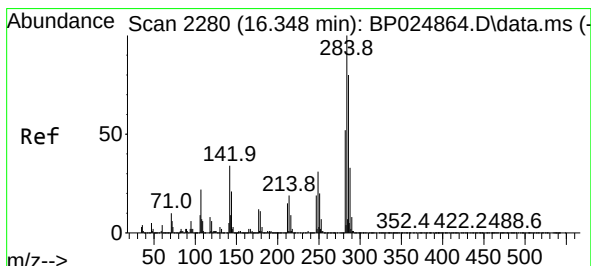
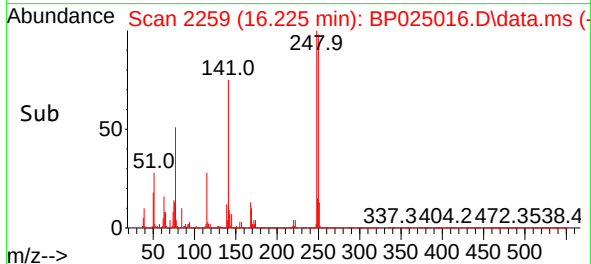
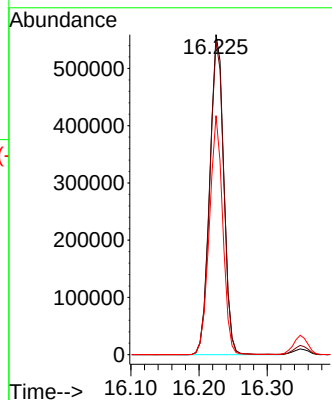
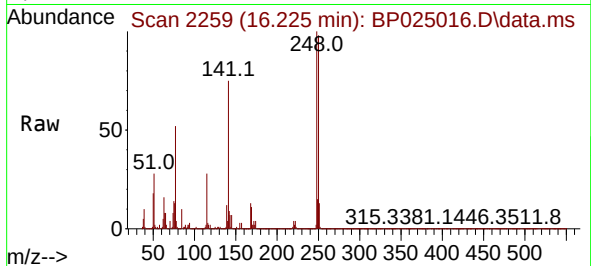




#67
4-Bromophenyl-phenylether
Concen: 48.577 ng
RT: 16.225 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

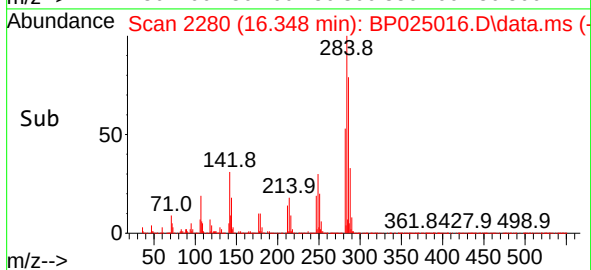
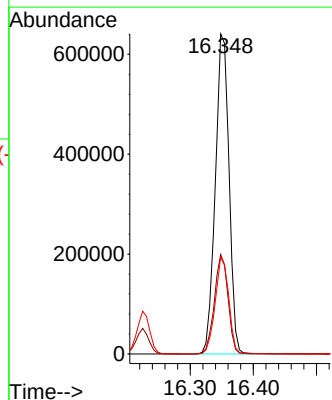
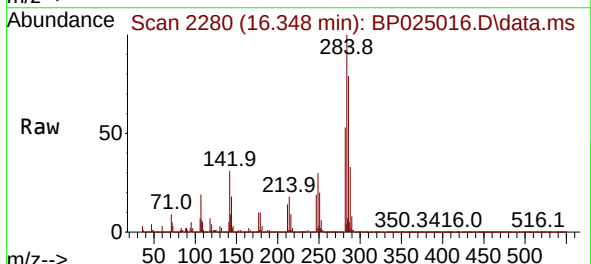
Instrument :
BNA_P
ClientSampleId :
PB168536BS

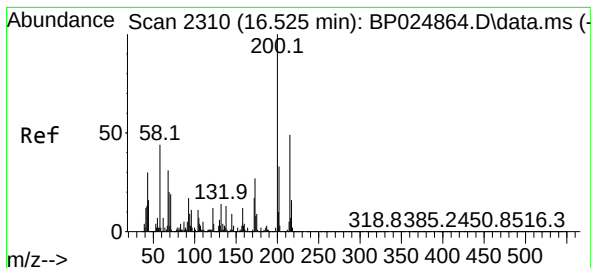
Tgt Ion:248 Resp: 801289
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.2
141 74.7 59.9 89.9



#68
Hexachlorobenzene
Concen: 48.237 ng
RT: 16.348 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:284 Resp: 964595
Ion Ratio Lower Upper
284 100
142 31.1 27.0 40.6
249 30.3 25.0 37.6





#69

Atrazine

Concen: 49.894 ng

RT: 16.519 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

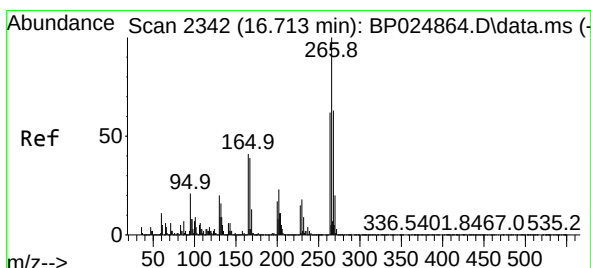
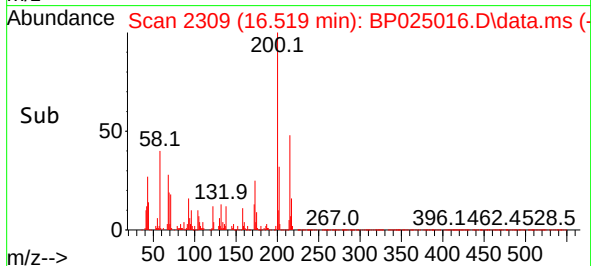
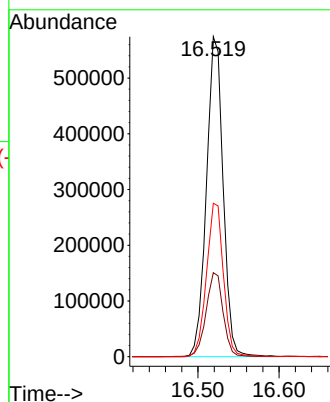
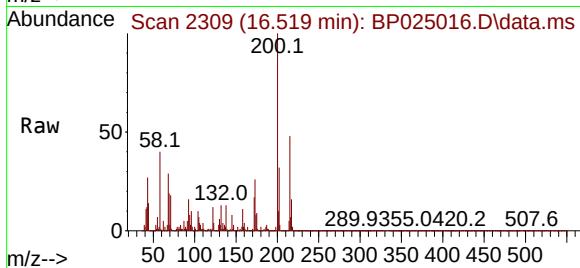
Tgt Ion:200 Resp: 819580

Ion Ratio Lower Upper

200 100

173 26.3 6.9 46.9

215 48.0 28.7 68.7



#70

Pentachlorophenol

Concen: 115.813 ng

RT: 16.719 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

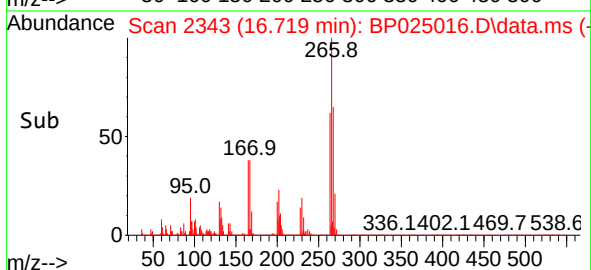
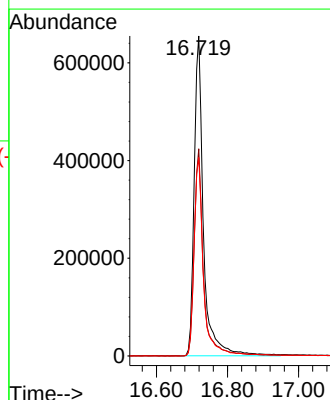
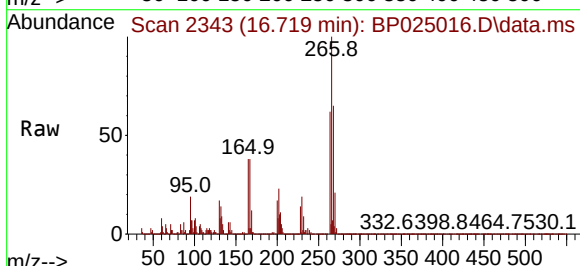
Tgt Ion:266 Resp: 1198585

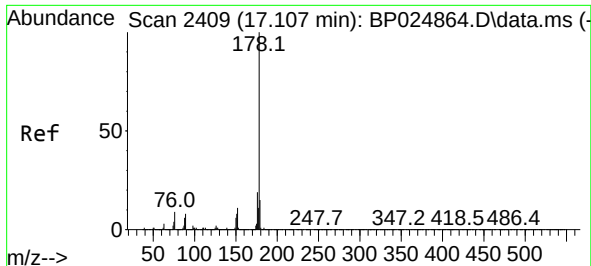
Ion Ratio Lower Upper

266 100

268 64.8 50.6 76.0

264 62.0 49.7 74.5

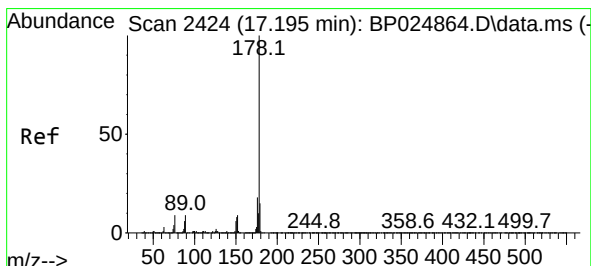
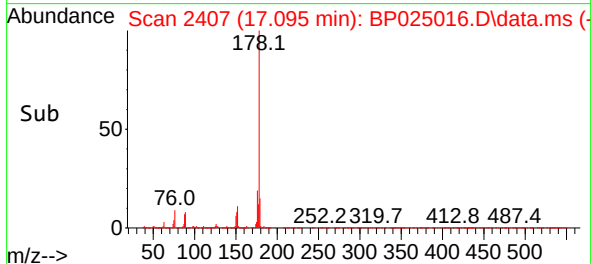
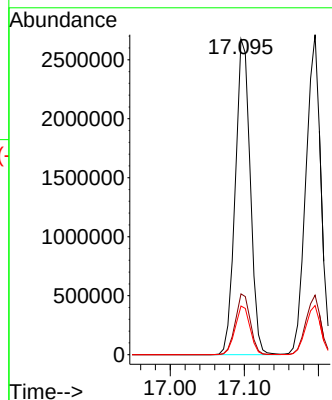
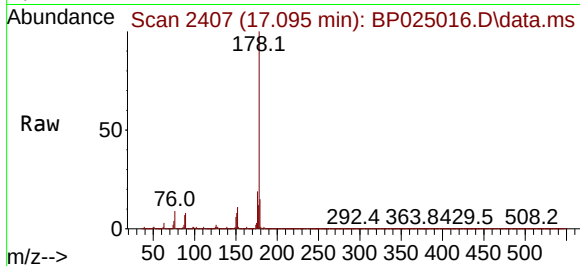




#71
Phenanthrene
Concen: 46.318 ng
RT: 17.095 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

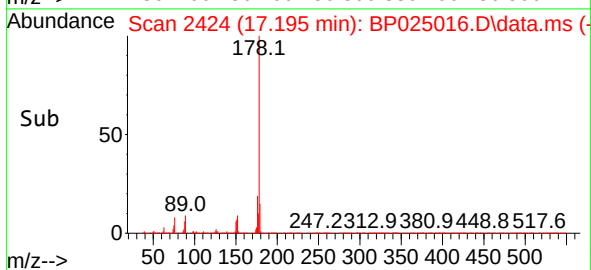
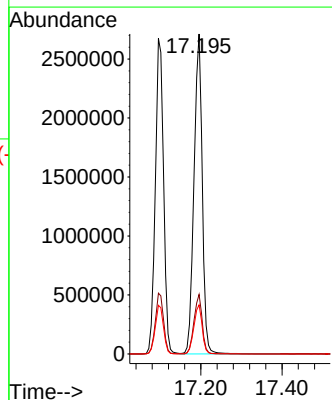
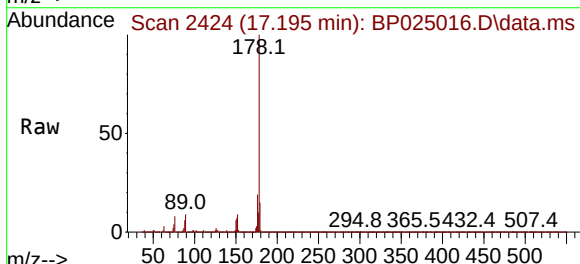
Instrument :
BNA_P
ClientSampleId :
PB168536BS

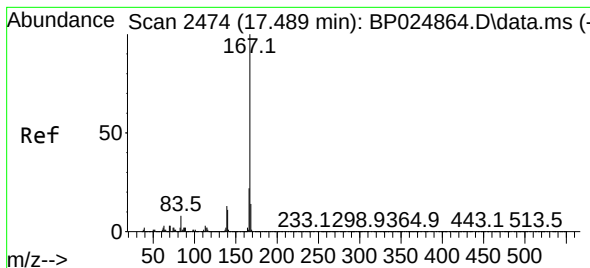
Tgt Ion:178 Resp: 3741887
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.1 18.1



#72
Anthracene
Concen: 46.938 ng
RT: 17.195 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:178 Resp: 3840439
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 12.3 18.5





#73

Carbazole

Concen: 47.876 ng

RT: 17.484 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

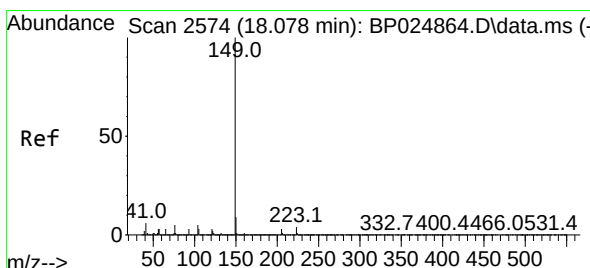
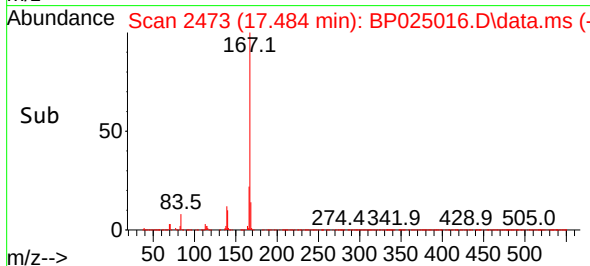
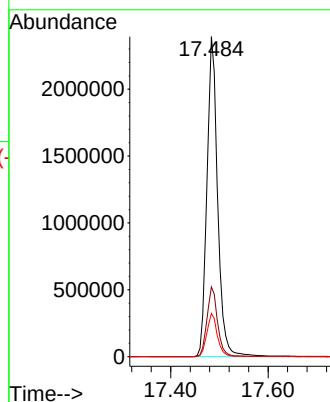
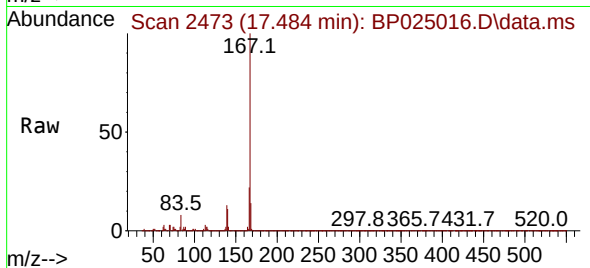
Tgt Ion:167 Resp: 3630795

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 48.720 ng

RT: 18.060 min Scan# 2571

Delta R.T. -0.018 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

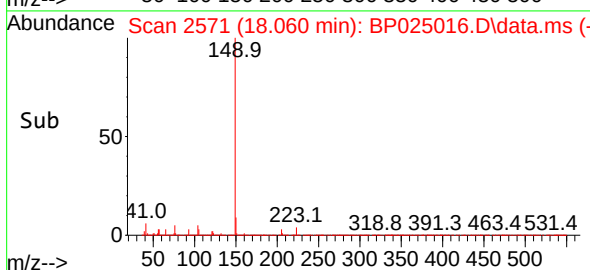
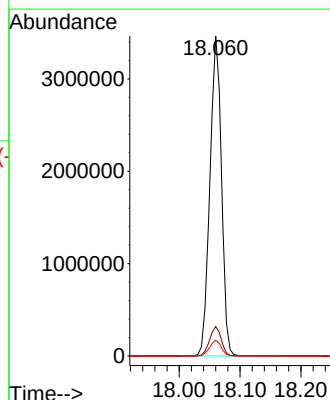
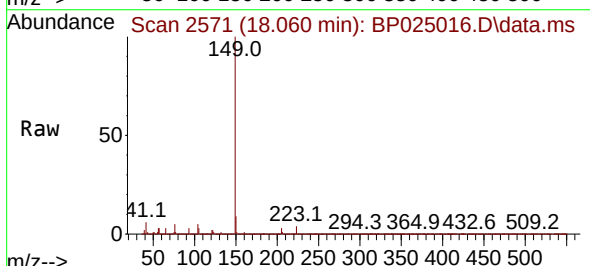
Tgt Ion:149 Resp: 4577839

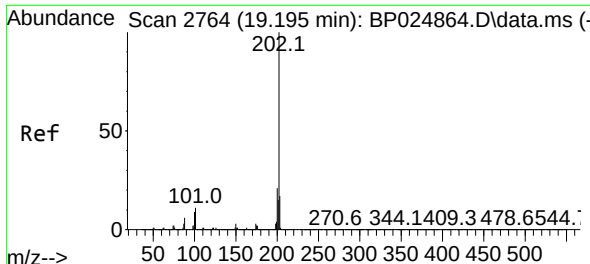
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 4.2 6.2

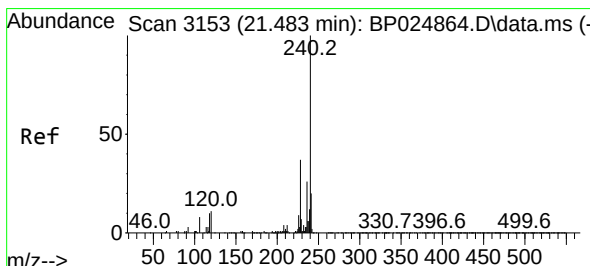
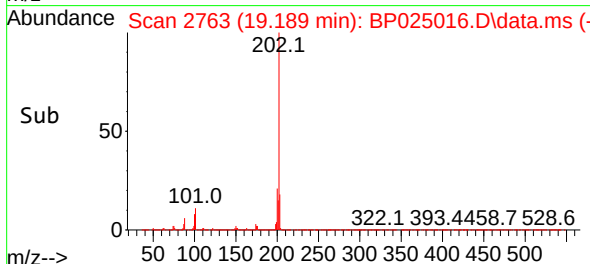
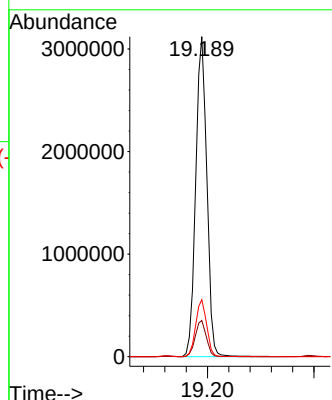
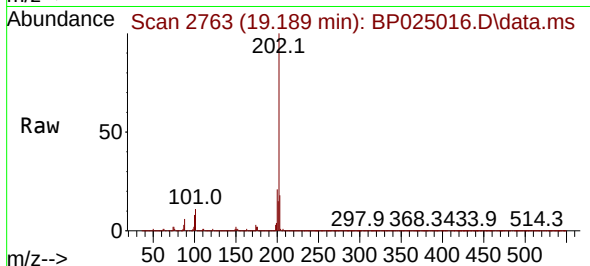




#75
Fluoranthene
Concen: 48.137 ng
RT: 19.189 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

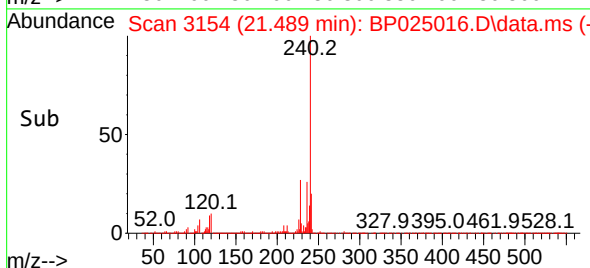
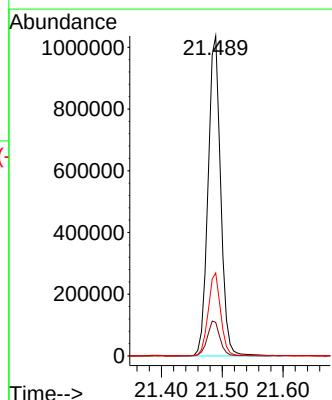
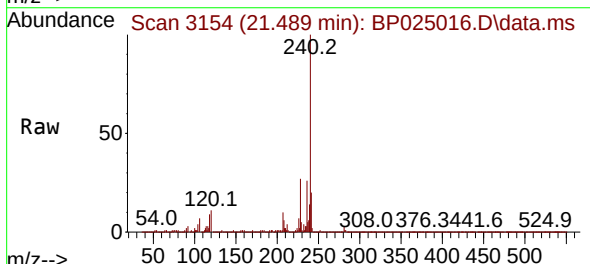
Instrument :
BNA_P
ClientSampleId :
PB168536BS

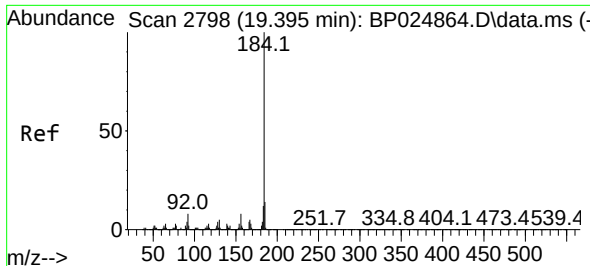
Tgt Ion:202 Resp: 4507325
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:240 Resp: 1490322
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 26.0 20.9 31.3

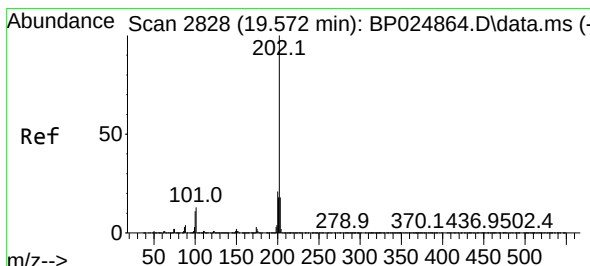
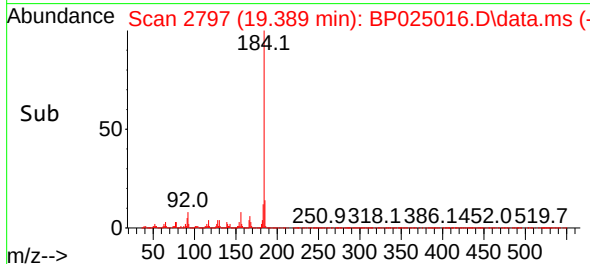
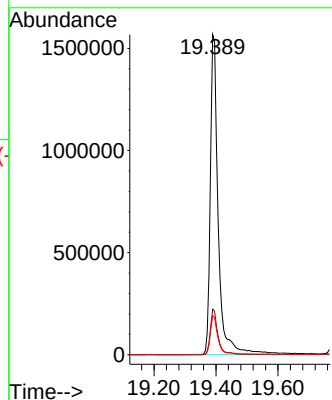
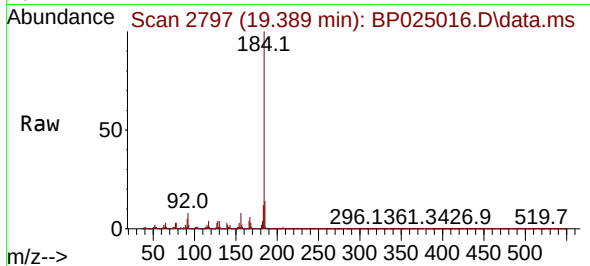




#77
Benzidine
Concen: 60.336 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

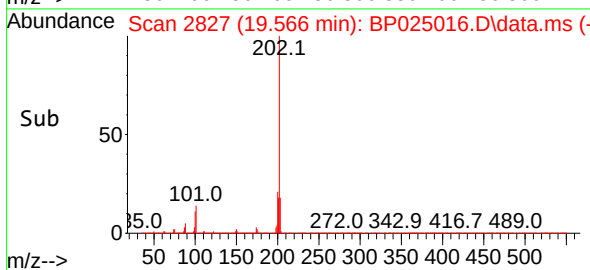
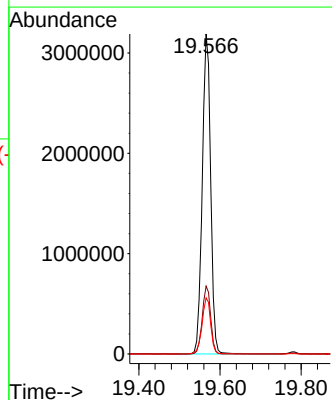
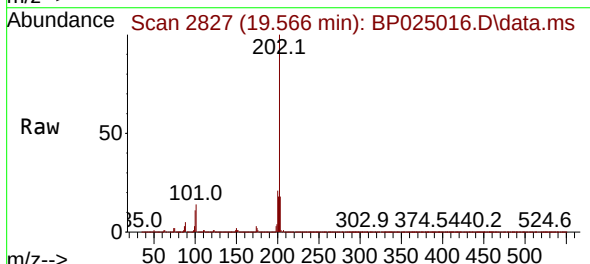
Instrument :
BNA_P
ClientSampleId :
PB168536BS

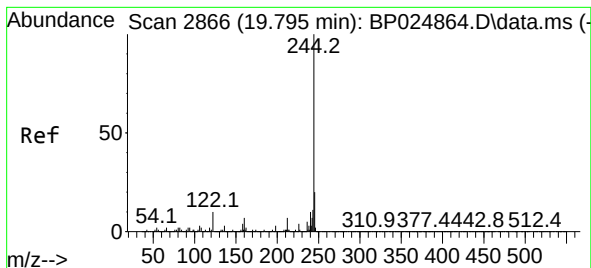
Tgt Ion:184 Resp: 2784935
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 12.2 9.5 14.3



#78
Pyrene
Concen: 49.364 ng
RT: 19.566 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:202 Resp: 4596130
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 87.780 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

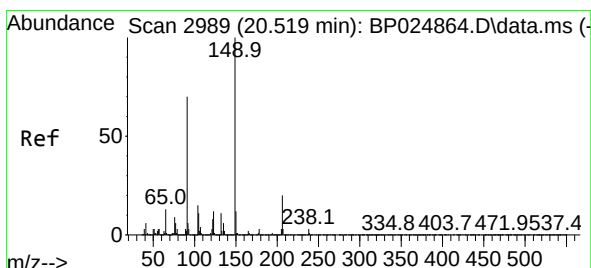
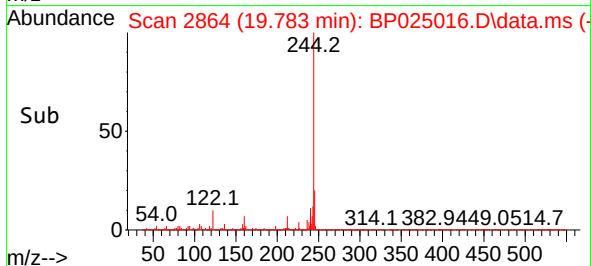
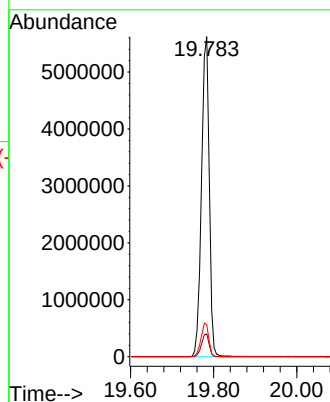
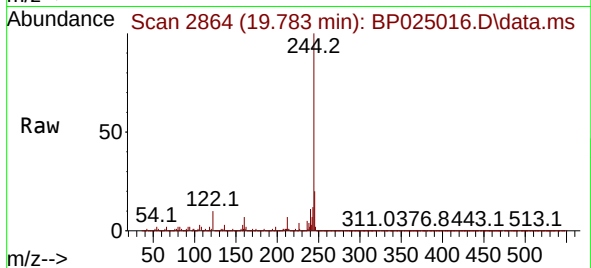
Tgt Ion:244 Resp: 7299212

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 49.886 ng

RT: 20.507 min Scan# 2987

Delta R.T. -0.012 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

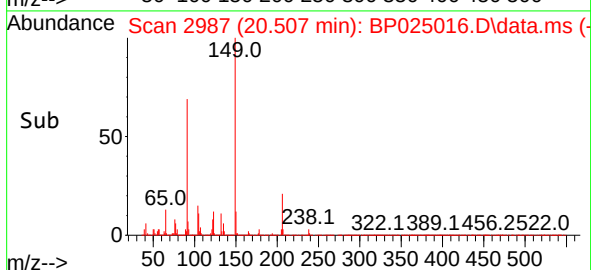
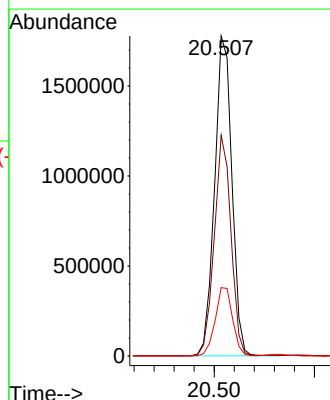
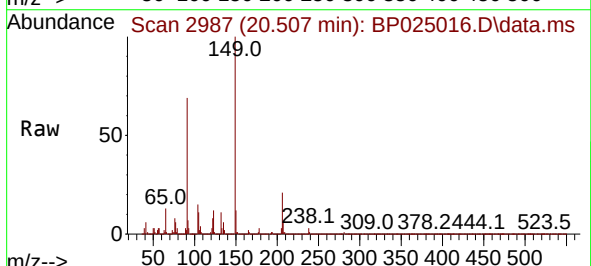
Tgt Ion:149 Resp: 2127528

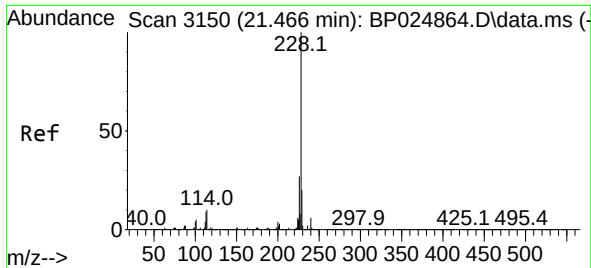
Ion Ratio Lower Upper

149 100

91 69.0 55.8 83.8

206 21.4 16.2 24.2

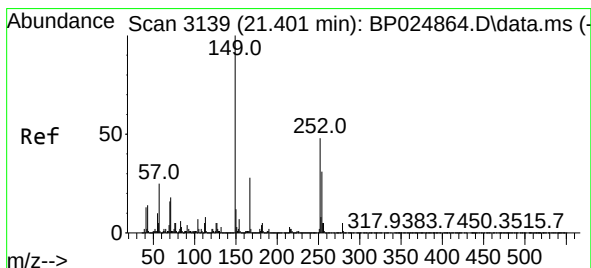
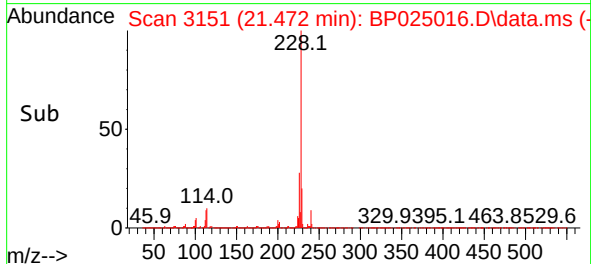
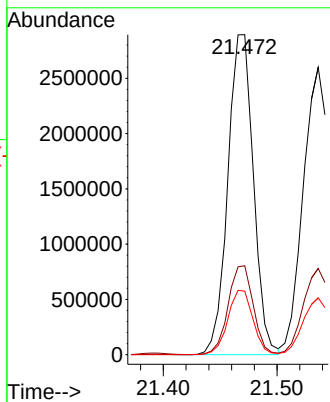
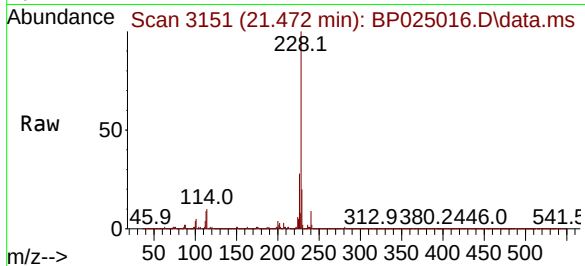




#81
Benzo(a)anthracene
Concen: 47.572 ng
RT: 21.472 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

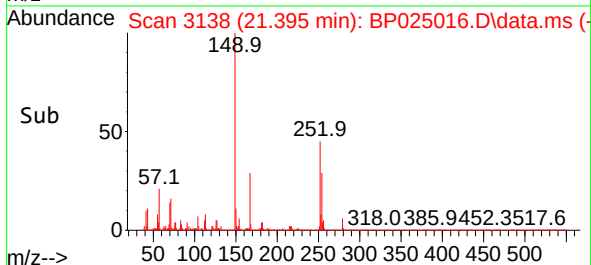
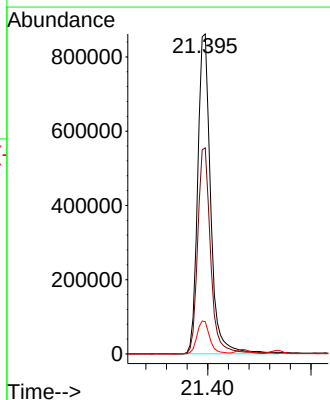
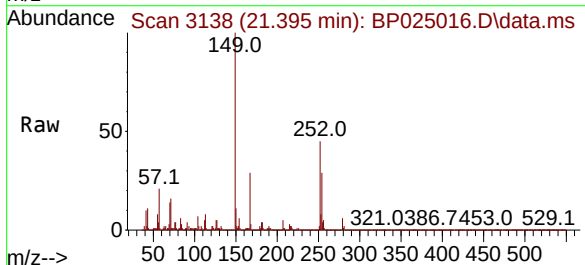
Instrument :
BNA_P
ClientSampleId :
PB168536BS

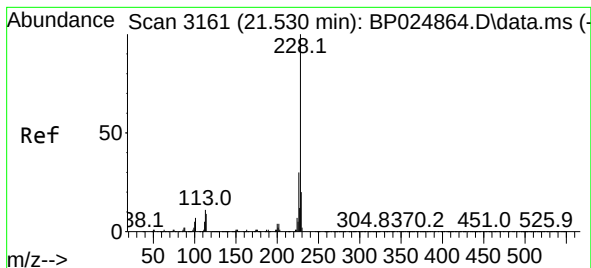
Tgt Ion:228 Resp: 4534460
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 39.581 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:252 Resp: 1497817
Ion Ratio Lower Upper
252 100
254 64.4 51.2 76.8
126 10.1 8.6 12.8





#83

Chrysene

Concen: 48.039 ng

RT: 21.536 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

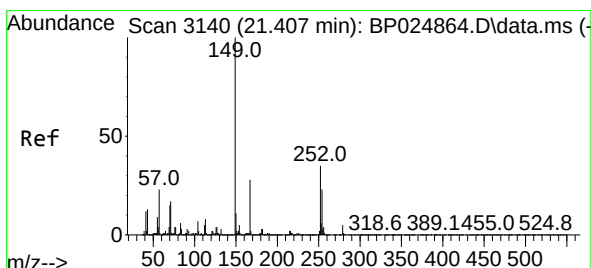
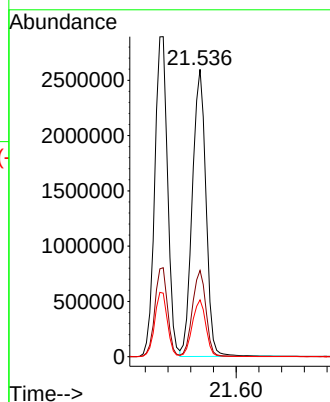
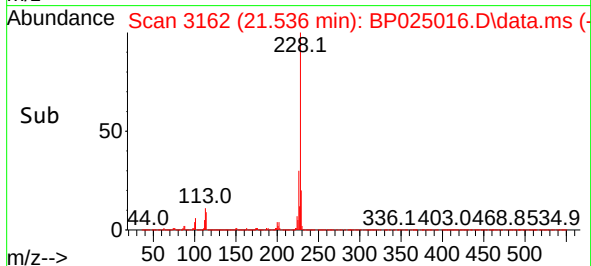
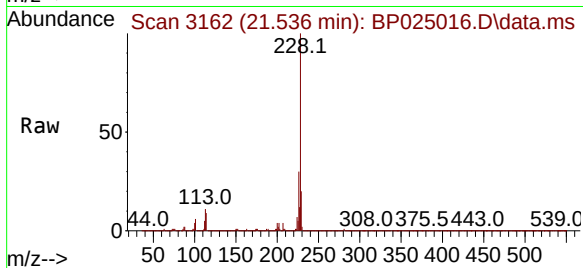
Tgt Ion:228 Resp: 4338719

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.020 ng

RT: 21.389 min Scan# 3137

Delta R.T. -0.018 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

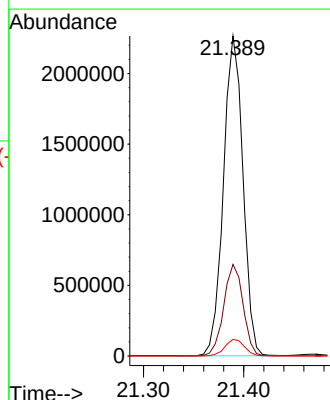
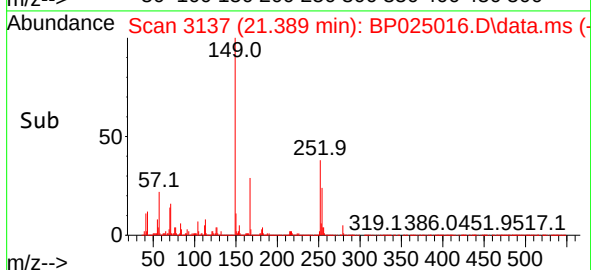
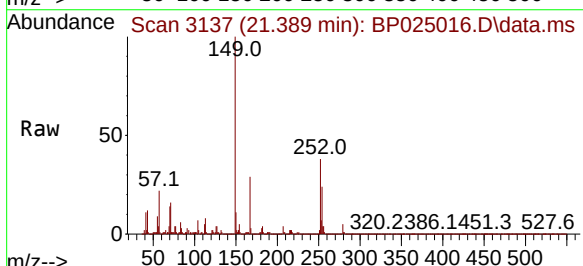
Tgt Ion:149 Resp: 3056406

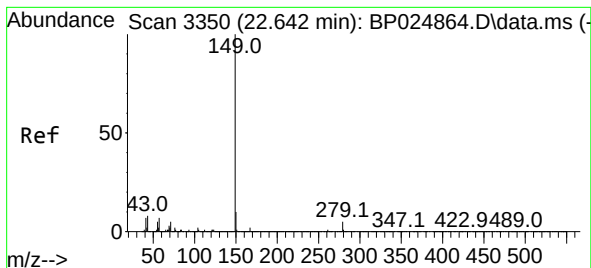
Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 47.369 ng

RT: 22.630 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

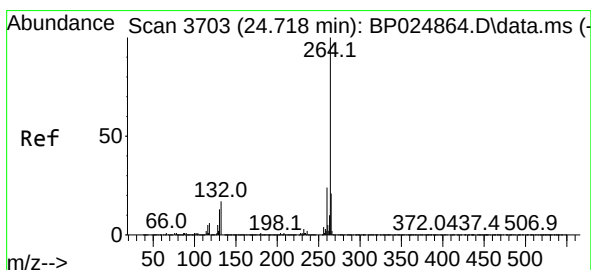
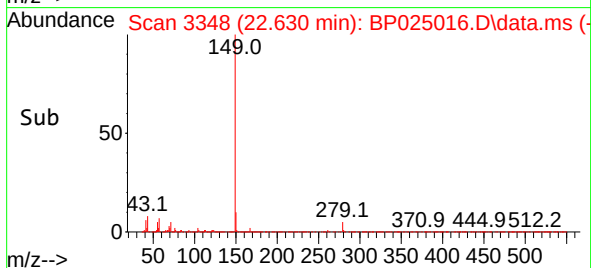
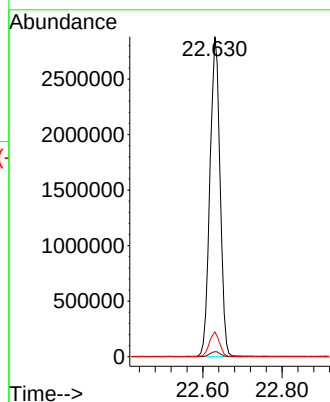
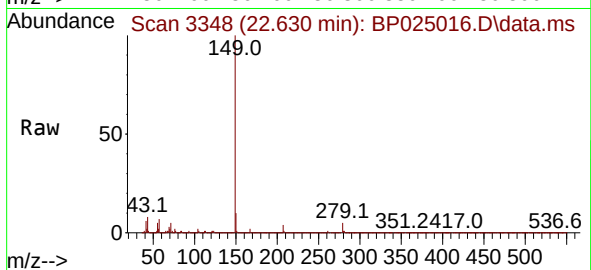
Tgt Ion:149 Resp: 5101745

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.760 min Scan# 3710

Delta R.T. 0.041 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

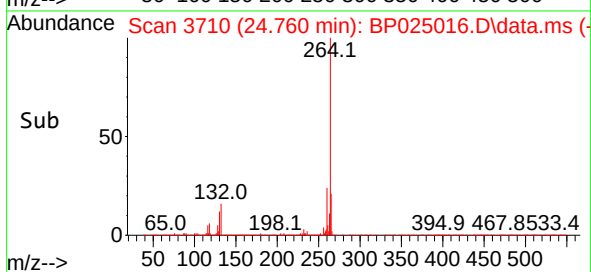
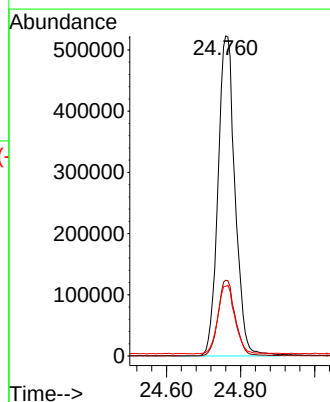
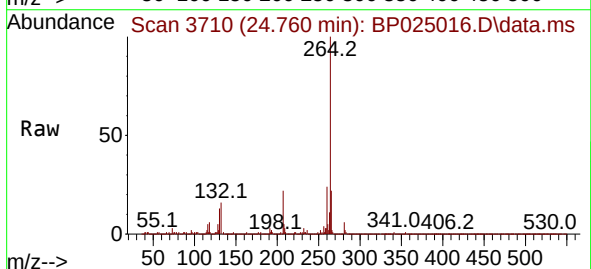
Tgt Ion:264 Resp: 1672131

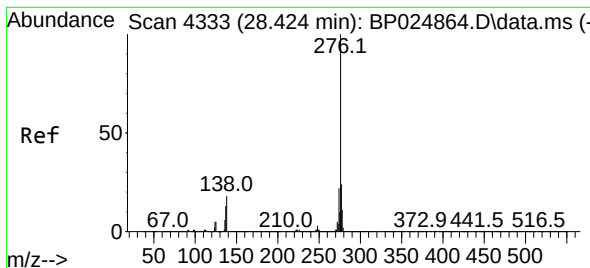
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.163 ng

RT: 28.483 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

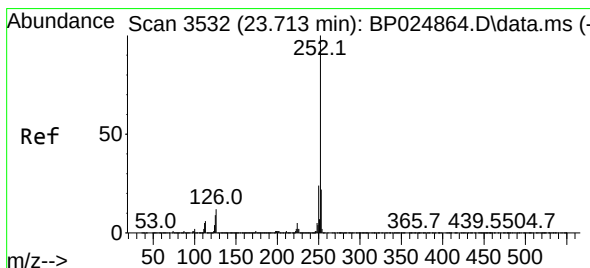
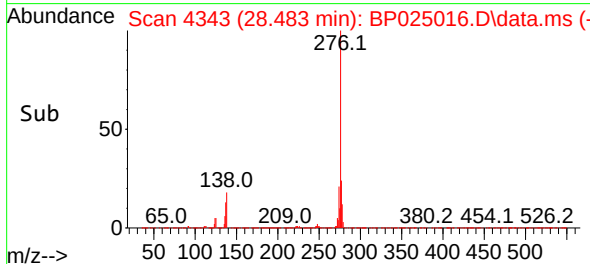
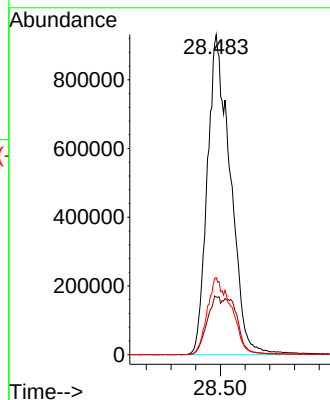
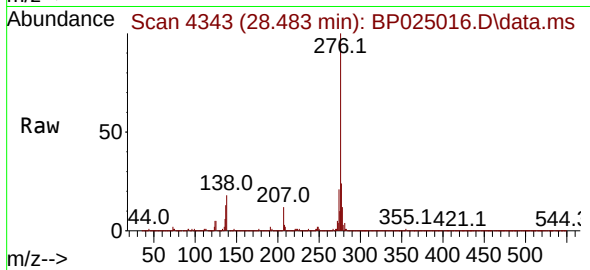
Tgt Ion:276 Resp: 5998051

Ion Ratio Lower Upper

276 100

138 10.6 18.6 27.8#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.238 ng

RT: 23.724 min Scan# 3534

Delta R.T. 0.012 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

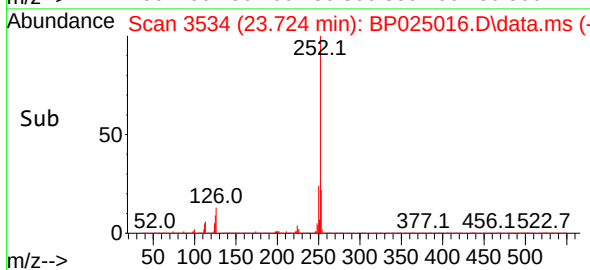
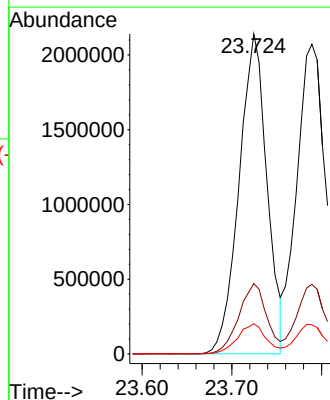
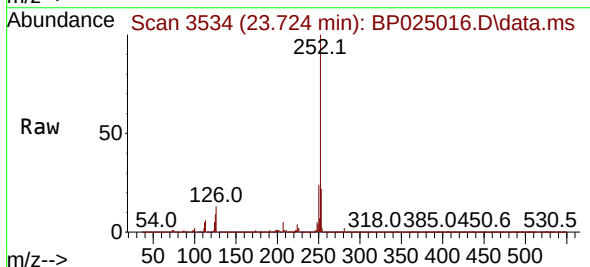
Tgt Ion:252 Resp: 4616222

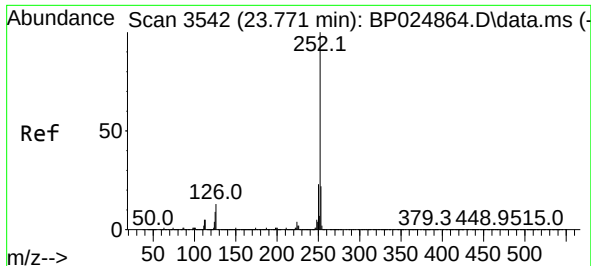
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.5 7.1 10.7

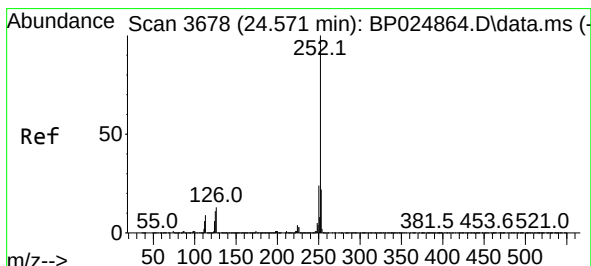
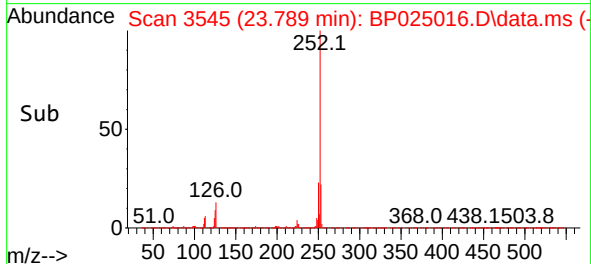
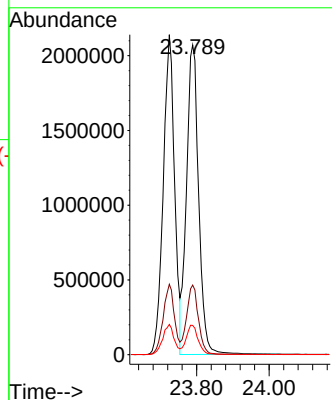
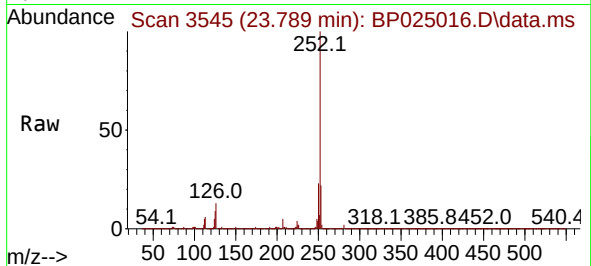




#89
Benzo(k)fluoranthene
Concen: 49.428 ng
RT: 23.789 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

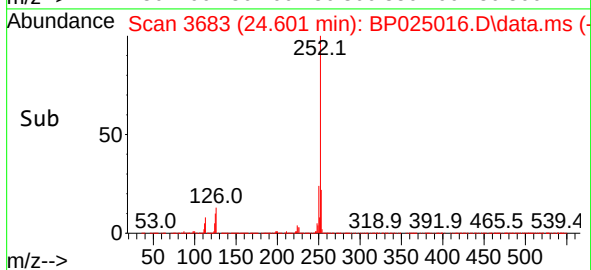
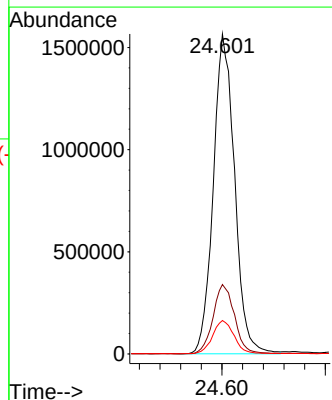
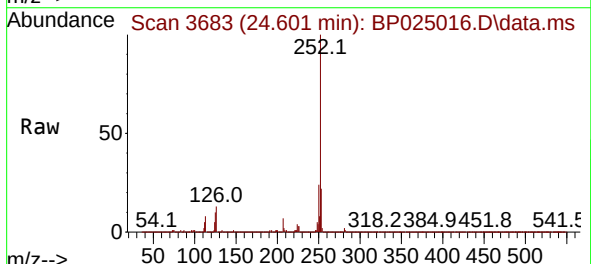
Instrument :
BNA_P
ClientSampleId :
PB168536BS

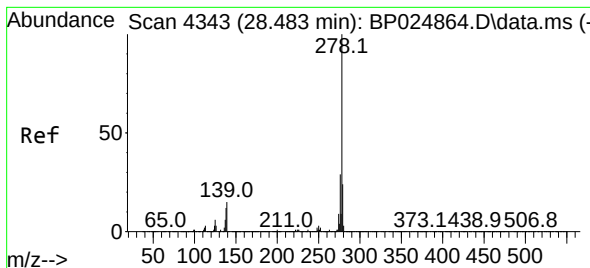
Tgt Ion:252 Resp: 4814825
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.831 ng
RT: 24.601 min Scan# 3683
Delta R.T. 0.029 min
Lab File: BP025016.D
Acq: 20 Jun 2025 13:32

Tgt Ion:252 Resp: 4470051
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 49.562 ng

RT: 28.548 min Scan# 41

Delta R.T. 0.065 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Instrument :

BNA_P

ClientSampleId :

PB168536BS

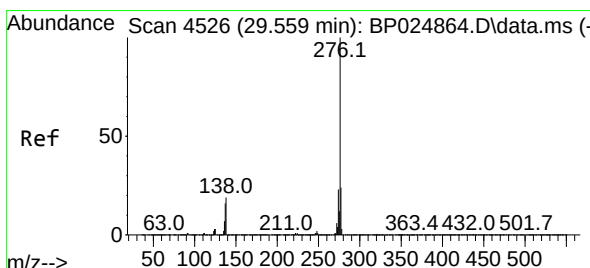
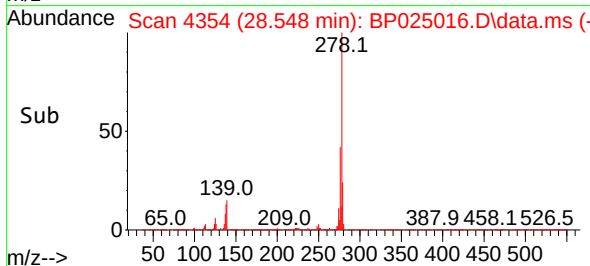
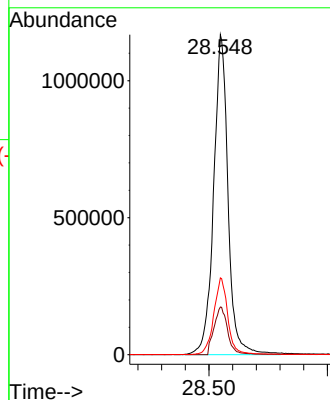
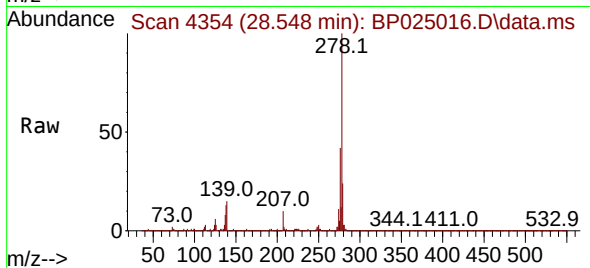
Tgt Ion:278 Resp: 4921879

Ion Ratio Lower Upper

278 100

139 14.9 12.0 18.0

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.691 ng

RT: 29.642 min Scan# 4540

Delta R.T. 0.082 min

Lab File: BP025016.D

Acq: 20 Jun 2025 13:32

Tgt Ion:276 Resp: 4797623

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 20.7 15.4 23.2

