

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025800.D
 Acq On : 19 Sep 2025 15:47
 Operator : CG/JU
 Sample : Q3117-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 7211986-357MSD

Quant Time: Sep 19 16:07:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	161182	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	611018	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	372772	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	711392	20.000	ng	0.00
76) Chrysene-d12	21.630	240	704316	20.000	ng	-0.01
86) Perylene-d12	24.995	264	810268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1362953	136.441	ng	0.00
7) Phenol-d6	6.943	99	1618248	121.878	ng	0.00
23) Nitrobenzene-d5	8.896	82	1207277	87.156	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	622671	133.920	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2429131	86.766	ng	-0.01
79) Terphenyl-d14	19.901	244	3500448	89.410	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	180676	43.094	ng	# 84
3) Pyridine	3.720	79	405327	35.110	ng	99
4) n-Nitrosodimethylamine	3.620	42	266353	48.895	ng	98
6) Aniline	7.090	93	501086	27.492	ng	100
8) 2-Chlorophenol	7.331	128	545726	49.799	ng	99
9) Benzaldehyde	6.908	77	342958	43.094	ng	100
10) Phenol	6.972	94	623160	44.510	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	555602	49.394	ng	98
12) 1,3-Dichlorobenzene	7.643	146	599459	48.063	ng	99
13) 1,4-Dichlorobenzene	7.790	146	612350	48.199	ng	99
14) 1,2-Dichlorobenzene	8.102	146	588273	47.663	ng	100
15) Benzyl Alcohol	7.996	79	518779	47.284	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	902626	49.069	ng	100
17) 2-Methylphenol	8.202	107	445639	47.212	ng	99
18) Hexachloroethane	8.819	117	235566	48.542	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	427700	46.184	ng	99
20) 3+4-Methylphenols	8.525	107	602439	45.573	ng	99
22) Acetophenone	8.566	105	915028	56.038	ng	99
24) Nitrobenzene	8.943	77	640485	51.542	ng	98
25) Isophorone	9.460	82	1183416	48.606	ng	100
26) 2-Nitrophenol	9.643	139	290040	52.571	ng	96
27) 2,4-Dimethylphenol	9.702	122	489795	50.604	ng	98
28) bis(2-Chloroethoxy)met...	9.937	93	711288	50.540	ng	99
29) 2,4-Dichlorophenol	10.184	162	498286	51.634	ng	98
30) 1,2,4-Trichlorobenzene	10.384	180	539699	49.623	ng	100
31) Naphthalene	10.572	128	1633873	49.592	ng	100
32) Benzoic acid	9.890	122	379412	52.725	ng	96
33) 4-Chloroaniline	10.690	127	254547	18.536	ng	99
34) Hexachlorobutadiene	10.849	225	344618	49.222	ng	98
35) Caprolactam	11.484	113	144899	38.951	ng	93
36) 4-Chloro-3-methylphenol	11.813	107	550327	47.832	ng	98
37) 2-Methylnaphthalene	12.178	142	1018496	48.131	ng	98
38) 1-Methylnaphthalene	12.401	142	1062795	47.098	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	652432	57.758	ng	99
41) Hexachlorocyclopentadiene	12.531	237	684680	111.290	ng	100
43) 2,4,6-Trichlorophenol	12.801	196	402660	54.223	ng	97

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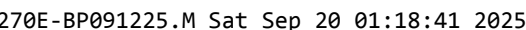
Instrument :
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 ClientSampleId :
 7211986-357MSD

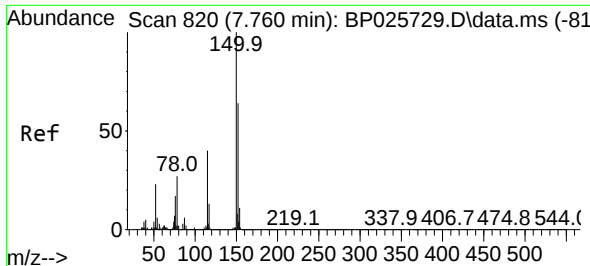
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	438100	53.009	ng	99
46) 1,1'-Biphenyl	13.196	154	1574452	57.542	ng	100
47) 2-Chloronaphthalene	13.243	162	1113576	51.687	ng	99
48) 2-Nitroaniline	13.454	65	387791	53.997	ng	98
49) Acenaphthylene	14.101	152	1883741	52.770	ng	100
50) Dimethylphthalate	13.831	163	1413490	49.666	ng	100
51) 2,6-Dinitrotoluene	13.948	165	317242	52.614	ng	98
52) Acenaphthene	14.448	154	1044094	50.718	ng	99
53) 3-Nitroaniline	14.284	138	249801	39.397	ng	96
54) 2,4-Dinitrophenol	14.507	184	393332	99.105	ng	97
55) Dibenzofuran	14.784	168	1689024	50.341	ng	99
56) 4-Nitrophenol	14.619	139	481787	87.772	ng	97
57) 2,4-Dinitrotoluene	14.748	165	446689	52.055	ng	97
58) Fluorene	15.437	166	1322415	49.567	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.013	232	382435	51.369	ng	100
60) Diethylphthalate	15.213	149	1468630	50.873	ng	100
61) 4-Chlorophenyl-phenyle...	15.437	204	651534	48.456	ng	98
62) 4-Nitroaniline	15.466	138	329633	50.745	ng	98
63) Azobenzene	15.731	77	1429343	51.206	ng	99
65) 4,6-Dinitro-2-methylph...	15.531	198	262925	55.575	ng	98
66) n-Nitrosodiphenylamine	15.654	169	1180186	54.211	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	411211	52.617	ng	97
68) Hexachlorobenzene	16.472	284	457061	52.443	ng	94
69) Atrazine	16.642	200	442580	53.184	ng	97
70) Pentachlorophenol	16.825	266	607313	105.581	ng	99
71) Phenanthrene	17.225	178	2126212	52.689	ng	99
72) Anthracene	17.319	178	2157053	52.682	ng	100
73) Carbazole	17.601	167	2018789	53.034	ng	99
74) Di-n-butylphthalate	18.183	149	2529100	54.140	ng	100
75) Fluoranthene	19.313	202	2502089	51.699	ng	99
77) Benzidine	19.519	184	211782	10.439	ng	98
78) Pyrene	19.689	202	2591222	55.138	ng	100
80) Butylbenzylphthalate	20.630	149	1175638	57.054	ng	100
81) Benzo(a)anthracene	21.607	228	2625833	54.457	ng	99
82) 3,3'-Dichlorobenzidine	21.525	252	674590	40.461	ng	98
83) Chrysene	21.677	228	2464407	53.615	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1661865	55.125	ng	99
85) Di-n-octyl phthalate	22.813	149	3008454	56.101	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3454306	58.623	ng	# 85
88) Benzo(b)fluoranthene	23.919	252	2713795	54.769	ng	99
89) Benzo(k)fluoranthene	23.989	252	2787791	55.136	ng	99
90) Benzo(a)pyrene	24.824	252	2677194	55.173	ng	99
91) Dibenzo(a,h)anthracene	28.889	278	2811099	58.298	ng	99
92) Benzo(g,h,i)perylene	30.001	276	2823505	59.542	ng	99

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

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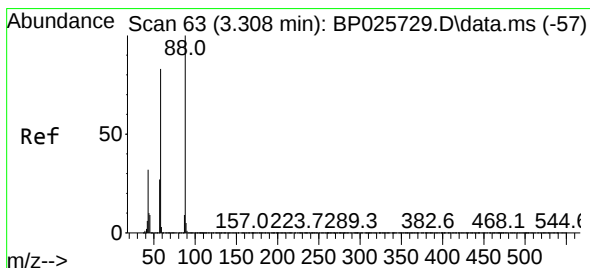
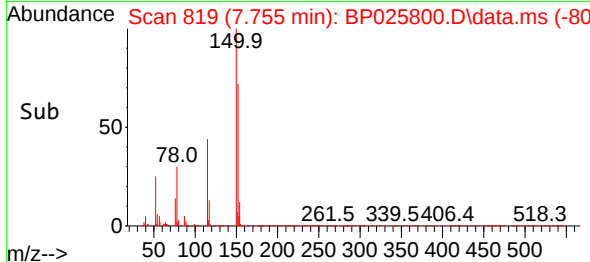
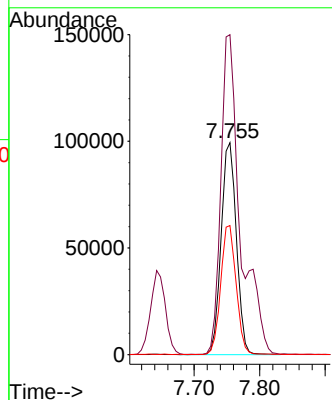
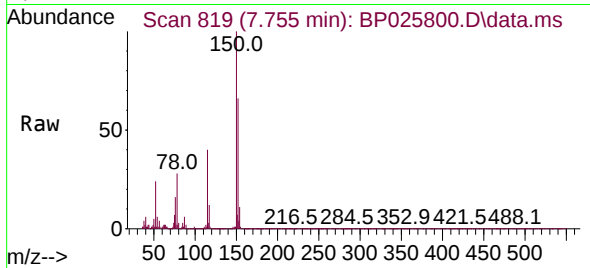




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.755 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP025800.D
 Acq: 19 Sep 2025 15:47

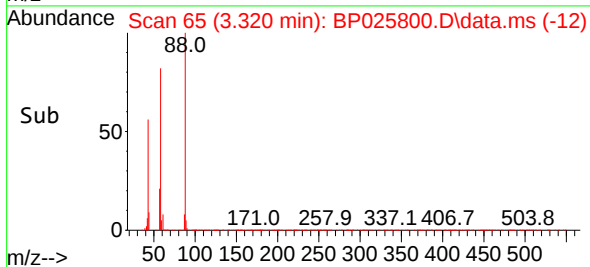
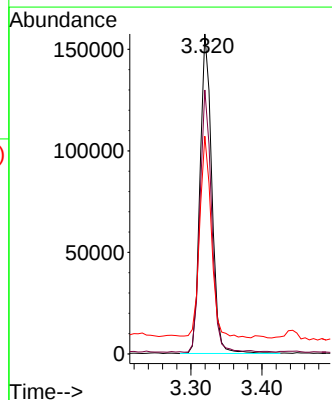
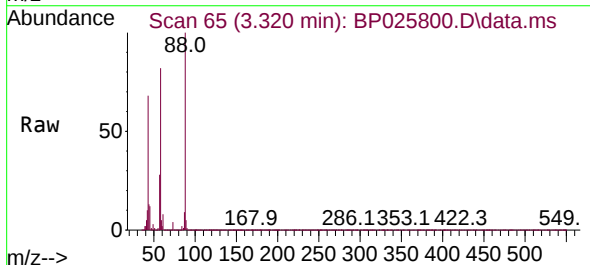
Instrument :
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 7211986-357MSD

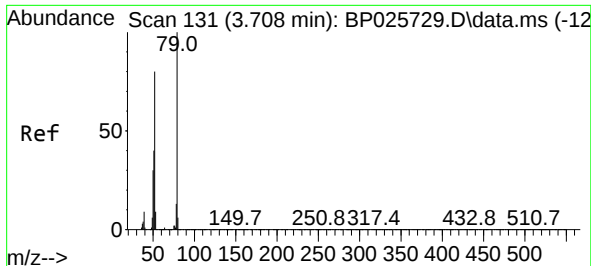
Tgt Ion:152 Resp: 161182
 Ion Ratio Lower Upper
 152 100
 150 151.0 124.3 186.5
 115 60.9 50.3 75.5



#2
 1,4-Dioxane
 Concen: 43.094 ng
 RT: 3.320 min Scan# 65
 Delta R.T. 0.012 min
 Lab File: BP025800.D
 Acq: 19 Sep 2025 15:47

Tgt Ion: 88 Resp: 180676
 Ion Ratio Lower Upper
 88 100
 58 81.0 65.5 98.3
 43 62.4 25.2 37.8

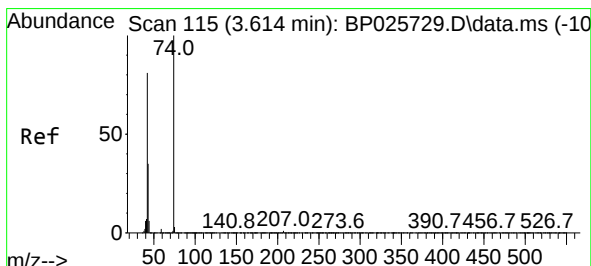
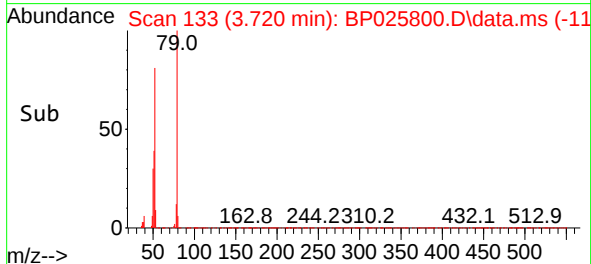
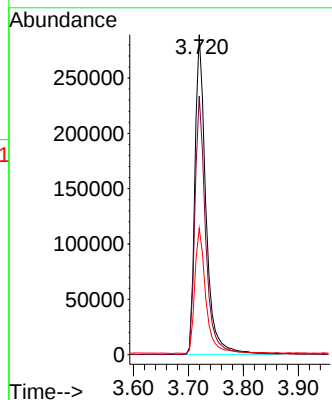
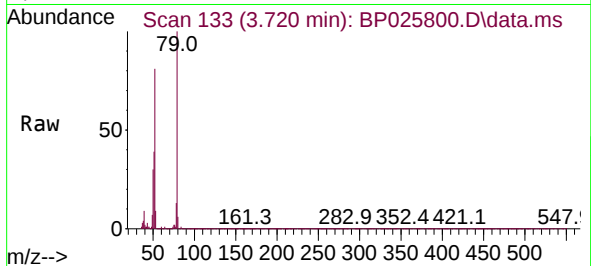




#3
 Pyridine
 Concen: 35.110 ng
 RT: 3.720 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BP025800.D
 Acq: 19 Sep 2025 15:47

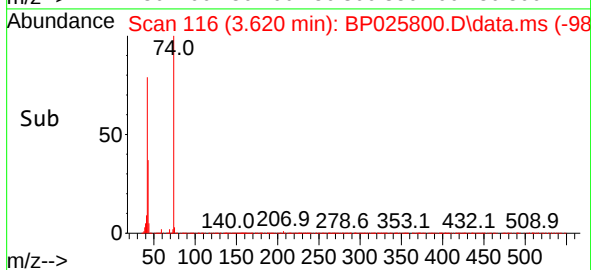
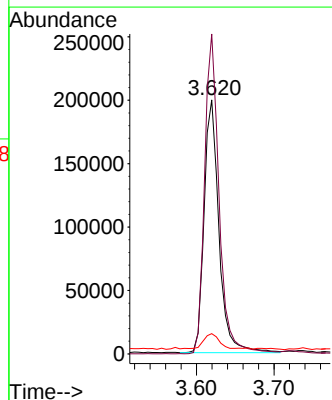
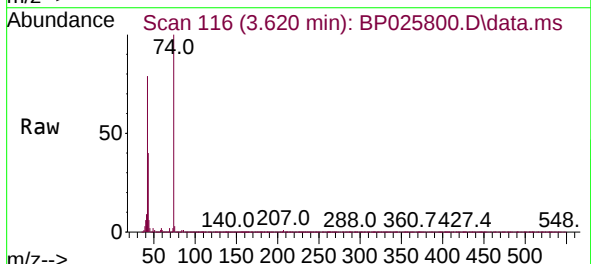
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 ClientSampleId :
 7211986-357MSD

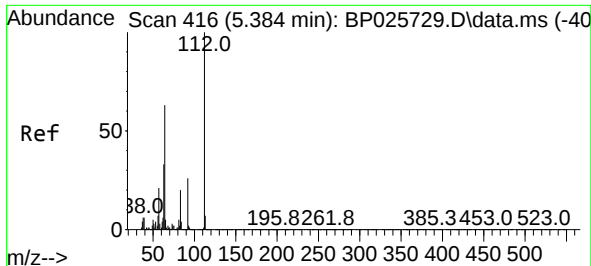
Tgt Ion: 79 Resp: 405327
 Ion Ratio Lower Upper
 79 100
 52 80.8 63.7 95.5
 51 39.5 32.4 48.6



#4
 n-Nitrosodimethylamine
 Concen: 48.895 ng
 RT: 3.620 min Scan# 116
 Delta R.T. 0.006 min
 Lab File: BP025800.D
 Acq: 19 Sep 2025 15:47

Tgt Ion: 42 Resp: 266353
 Ion Ratio Lower Upper
 42 100
 74 126.0 99.2 148.8
 44 8.0 6.4 9.6

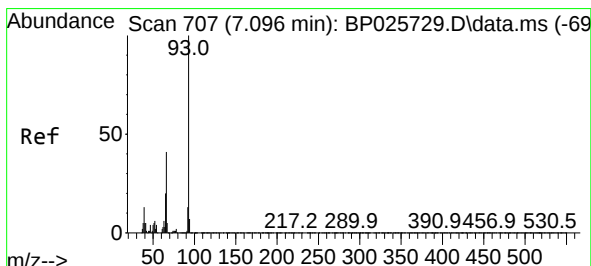
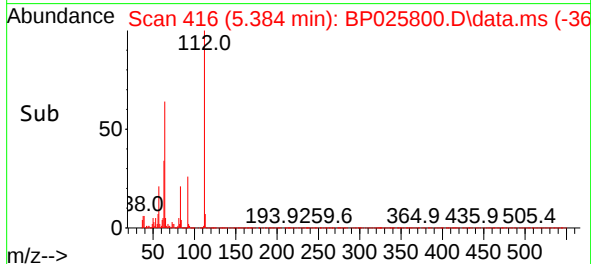
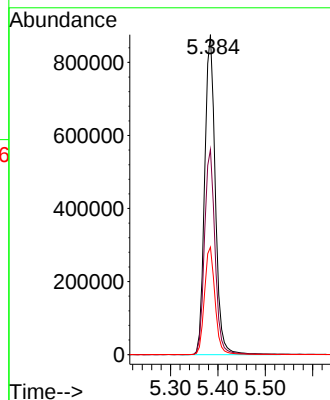
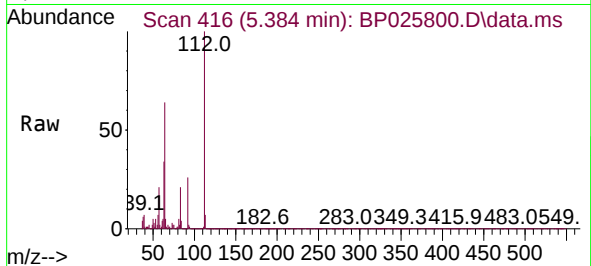




#5
2-Fluorophenol
Concen: 136.441 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

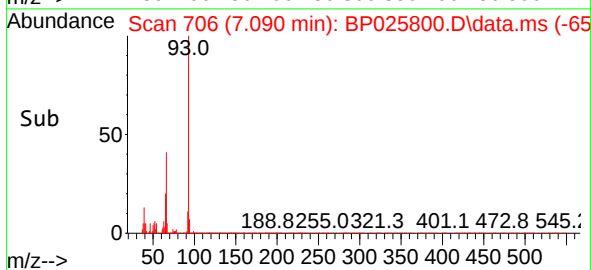
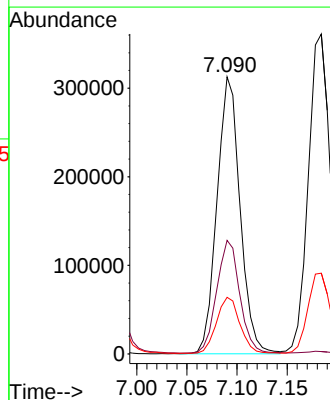
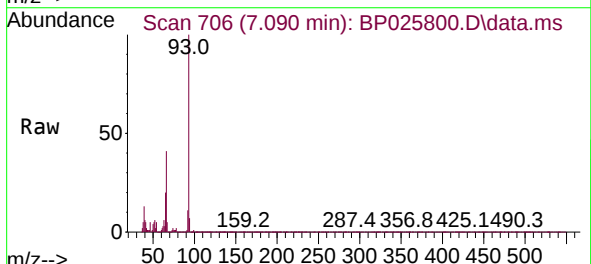
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:112 Resp: 1362953
Ion Ratio Lower Upper
112 100
64 64.1 50.2 75.4
63 33.6 26.7 40.1



#6
Aniline
Concen: 27.492 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion: 93 Resp: 501086
Ion Ratio Lower Upper
93 100
66 41.0 32.6 49.0
65 20.4 16.2 24.2

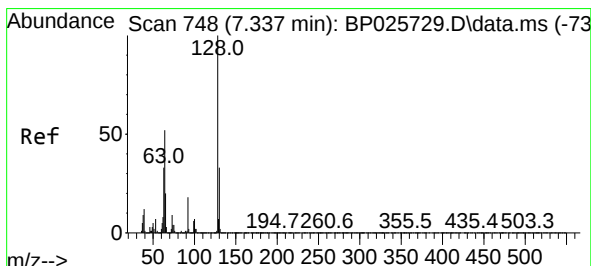
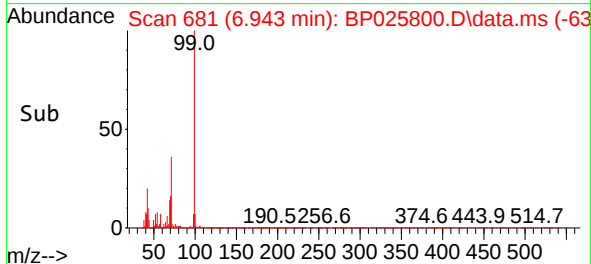
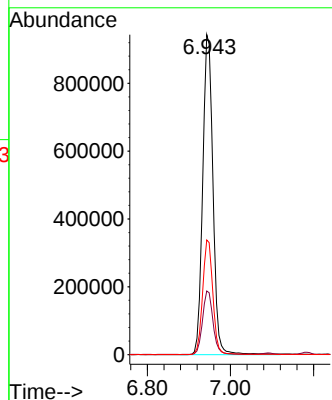
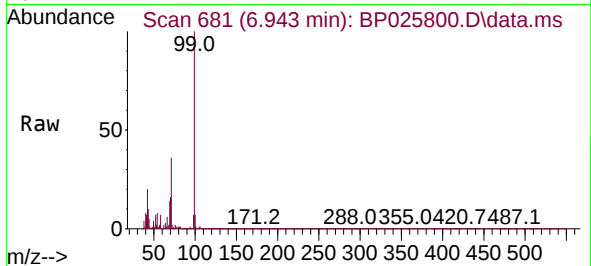




#7
Phenol-d6
Concen: 121.878 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

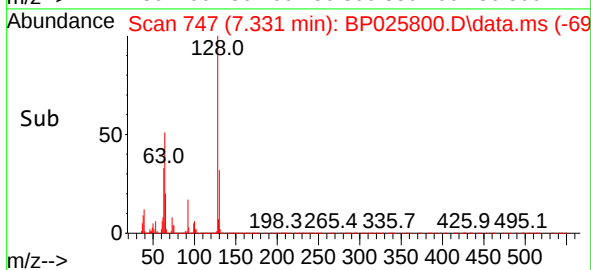
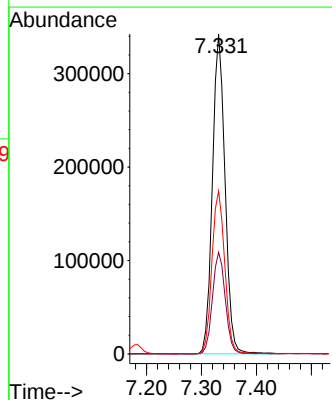
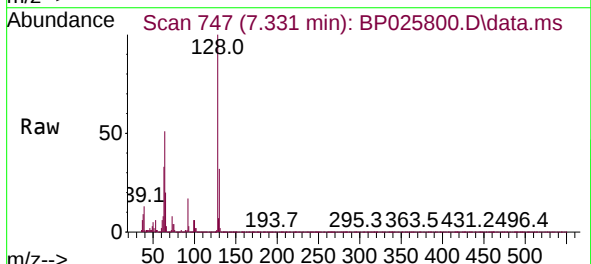
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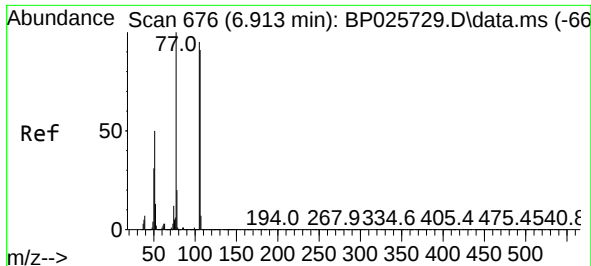
Tgt Ion: 99 Resp: 1618248
Ion Ratio Lower Upper
99 100
42 19.9 15.6 23.4
71 35.8 28.6 43.0



#8
2-Chlorophenol
Concen: 49.799 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:128 Resp: 545726
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 50.9 31.6 71.6

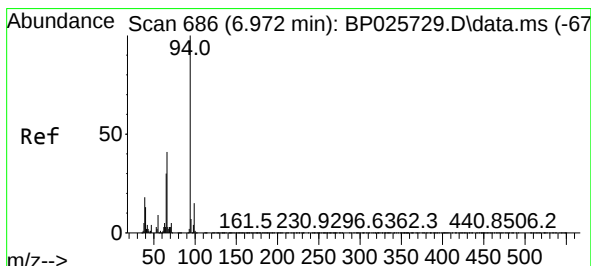
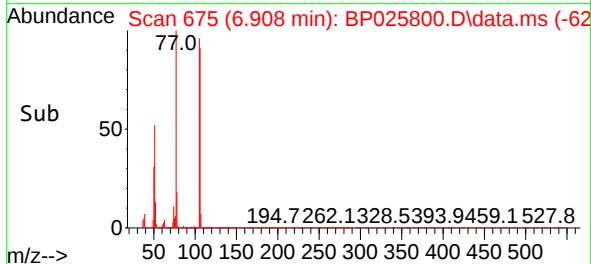
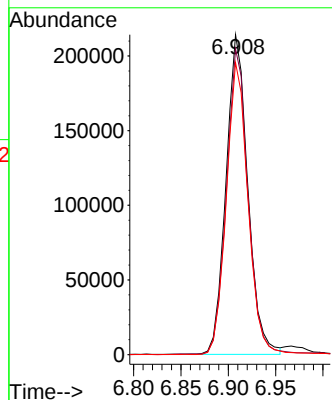
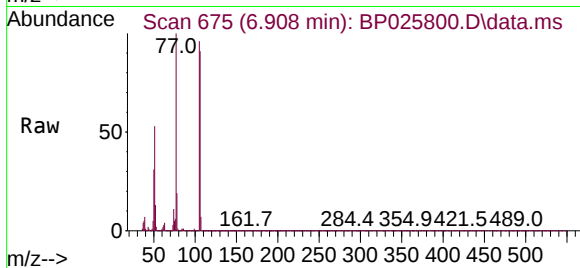




#9
Benzaldehyde
Concen: 43.094 ng
RT: 6.908 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

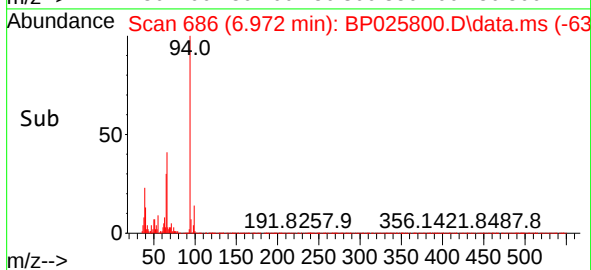
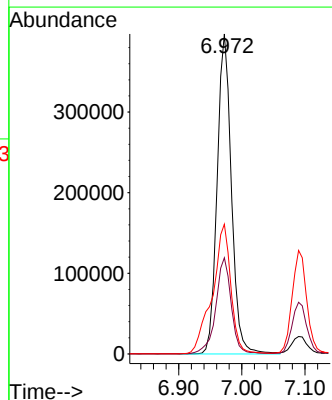
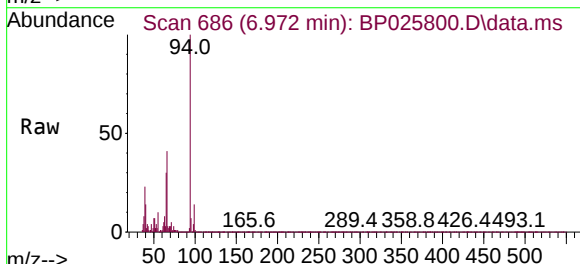
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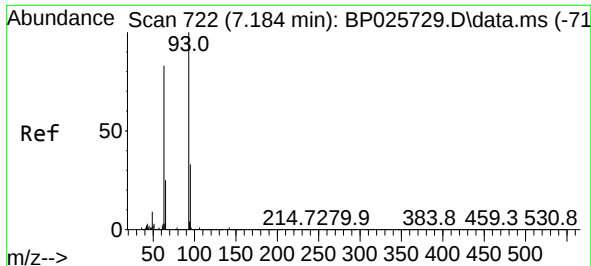
Tgt Ion: 77 Resp: 342958
Ion Ratio Lower Upper
77 100
105 95.5 75.2 115.2
106 91.3 71.3 111.3



#10
Phenol
Concen: 44.510 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion: 94 Resp: 623160
Ion Ratio Lower Upper
94 100
65 30.0 10.2 50.2
66 40.5 21.4 61.4

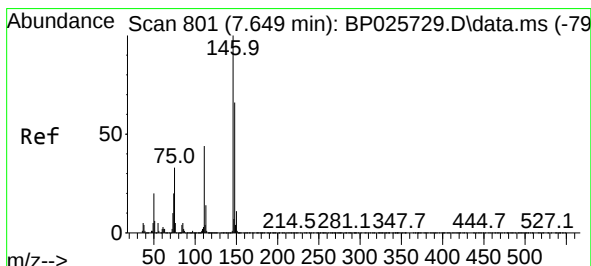
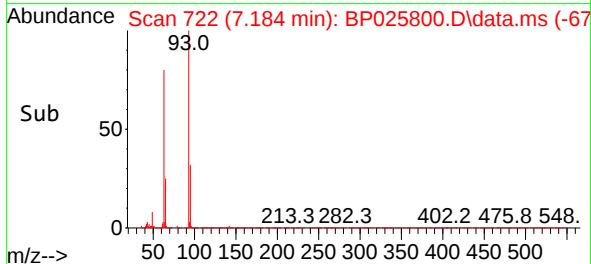
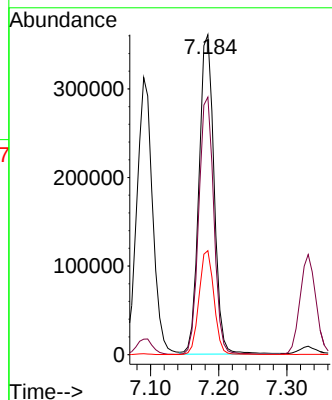
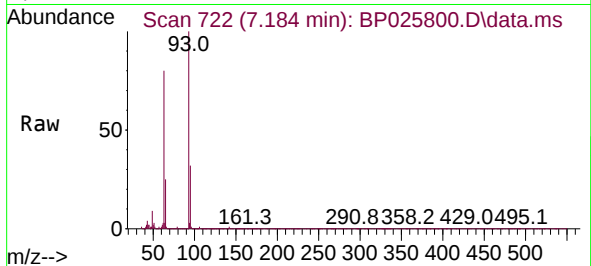




#11
bis(2-Chloroethyl)ether
Concen: 49.394 ng
RT: 7.184 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

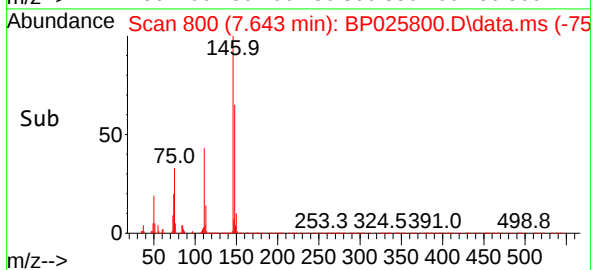
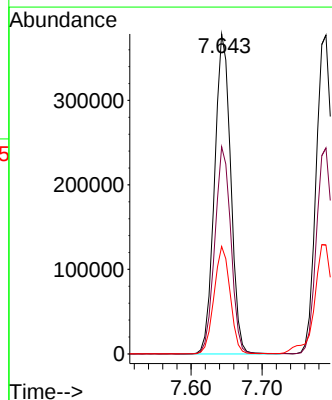
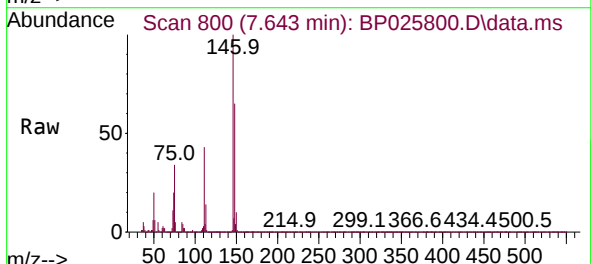
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

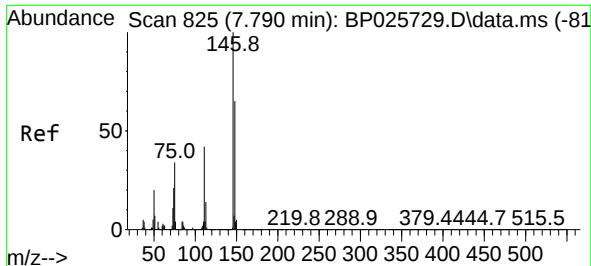
Tgt Ion: 93 Resp: 555602
Ion Ratio Lower Upper
93 100
63 80.5 62.6 102.6
95 32.5 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 48.063 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:146 Resp: 599459
Ion Ratio Lower Upper
146 100
148 64.7 52.7 79.1
75 33.6 26.4 39.6

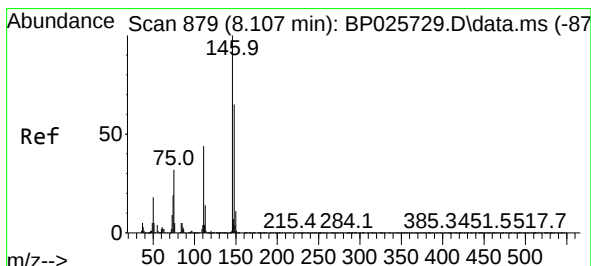
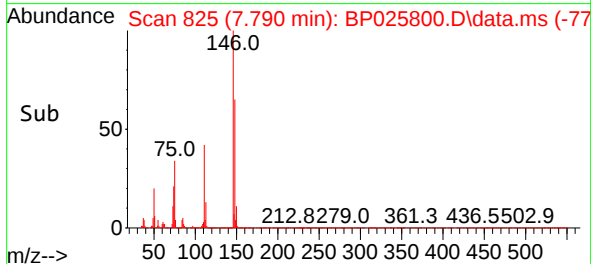
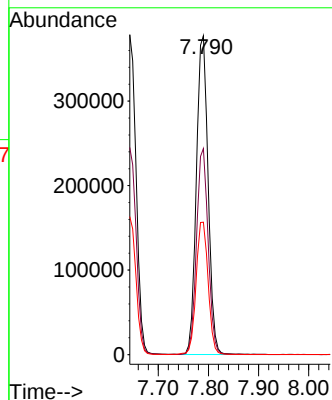
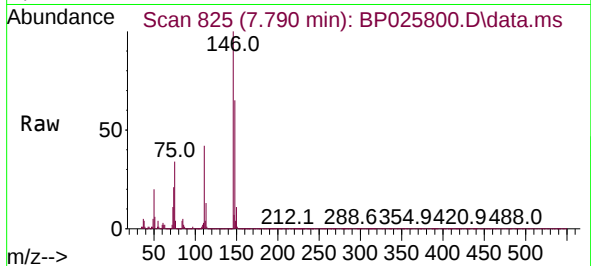




#13
1,4-Dichlorobenzene
Concen: 48.199 ng
RT: 7.790 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

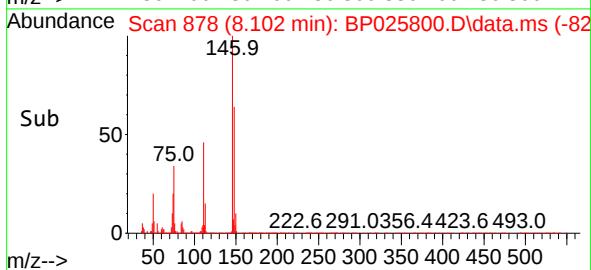
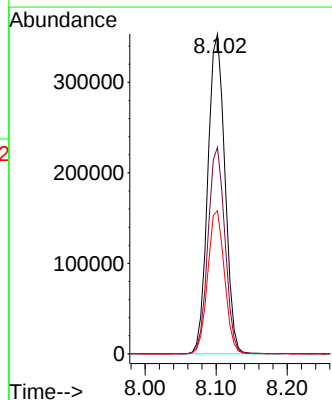
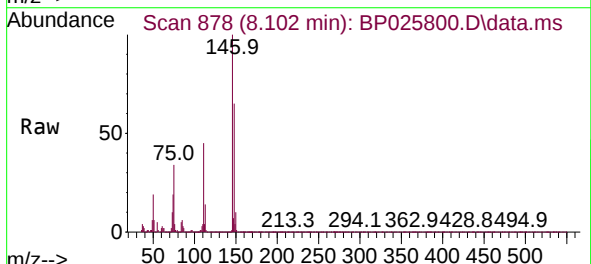
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

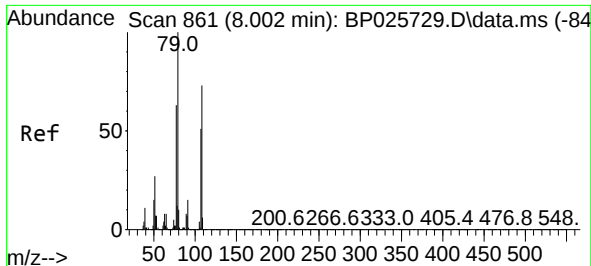
Tgt Ion:146 Resp: 612350
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
111 41.5 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 47.663 ng
RT: 8.102 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:146 Resp: 588273
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
111 44.7 35.5 53.3

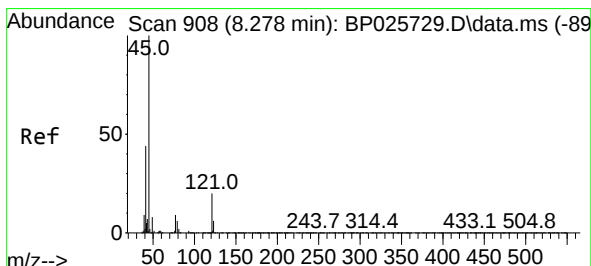
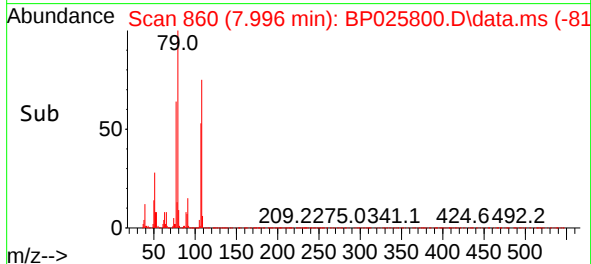
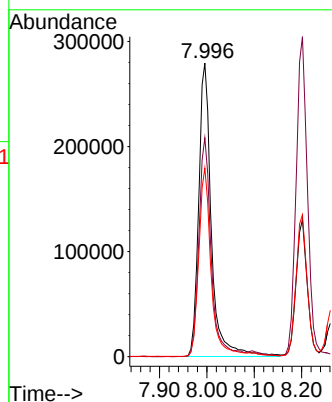
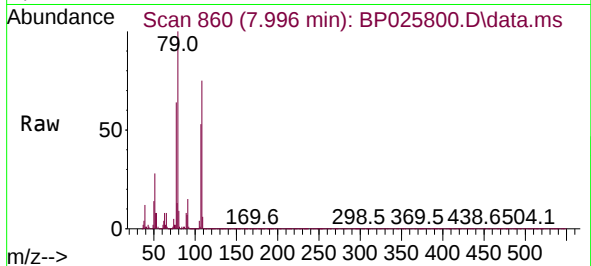




#15
Benzyl Alcohol
Concen: 47.284 ng
RT: 7.996 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

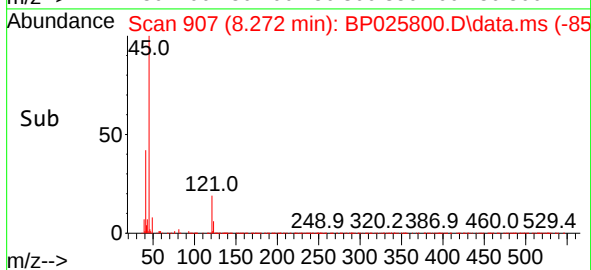
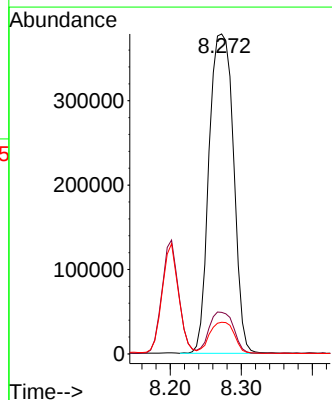
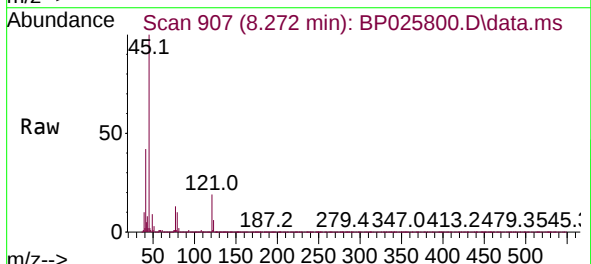
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

Tgt Ion: 79 Resp: 518779
Ion Ratio Lower Upper
79 100
108 74.5 58.7 88.1
77 64.2 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.069 ng
RT: 8.272 min Scan# 907
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion: 45 Resp: 902626
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.1
79 9.9 0.0 30.0

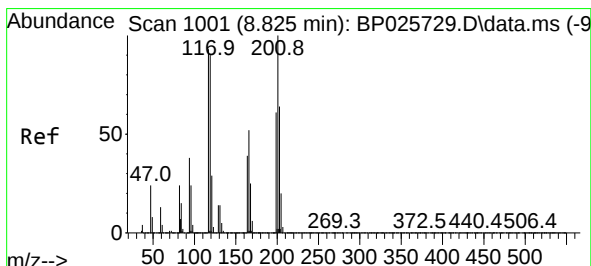
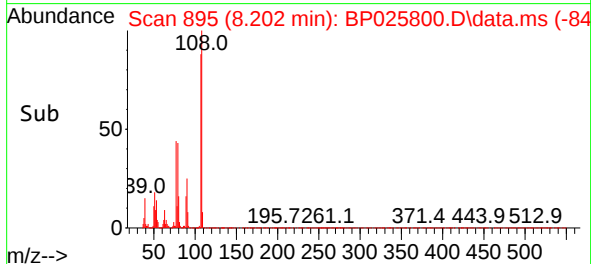
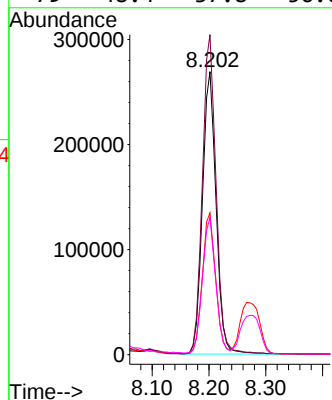
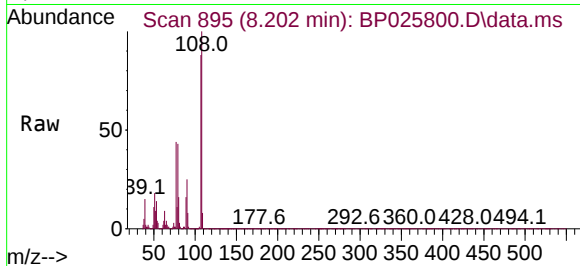




#17
2-Methylphenol
Concen: 47.212 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

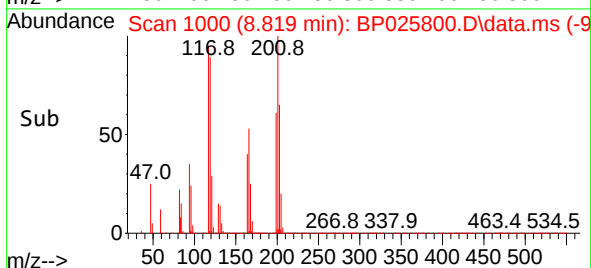
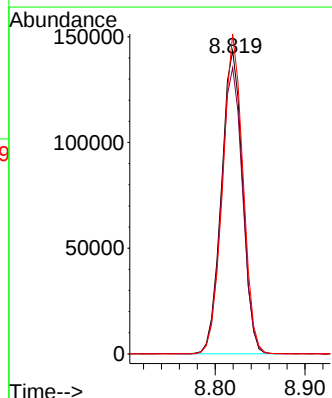
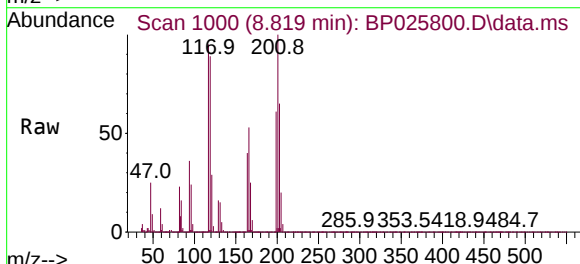
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

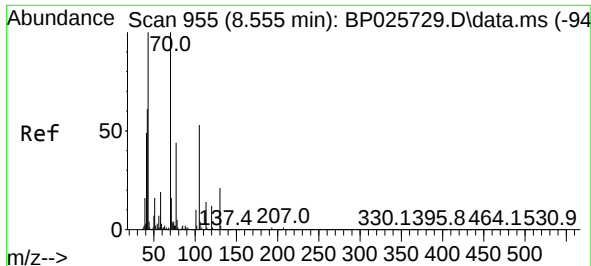
Tgt Ion:	107	Resp:	445639
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.6	134.4
77	50.1	39.3	58.9
79	48.4	37.8	56.6



#18
Hexachloroethane
Concen: 48.542 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:	117	Resp:	235566
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.1	115.7
201	105.4	85.6	128.4

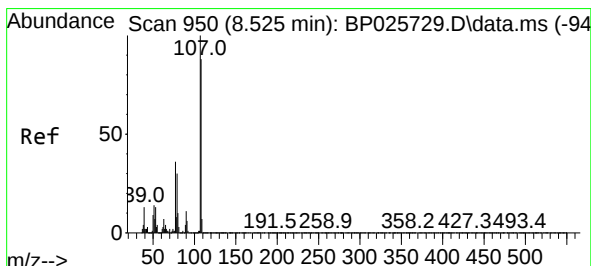
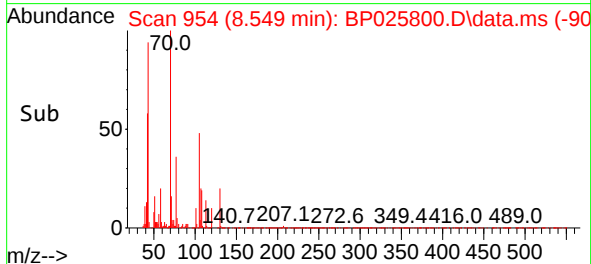
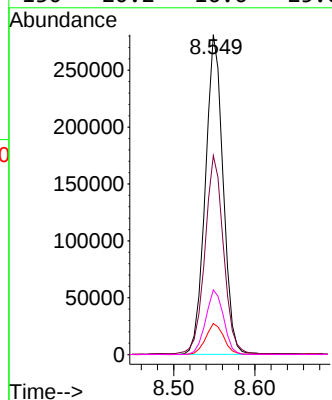
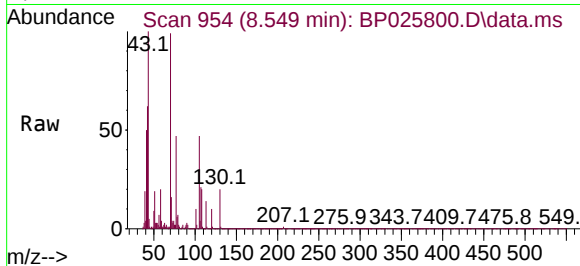




#19
n-Nitroso-di-n-propylamine
Concen: 46.184 ng
RT: 8.549 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

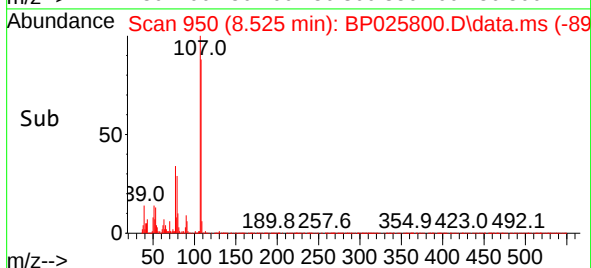
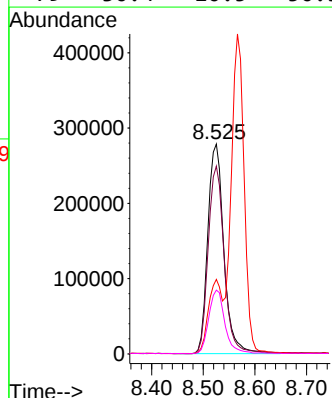
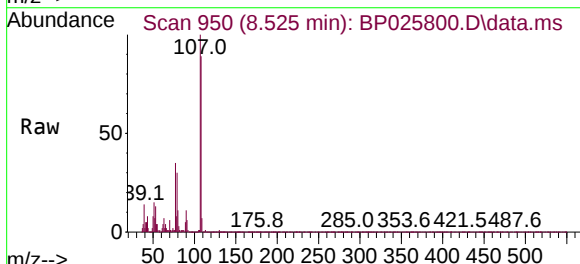
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

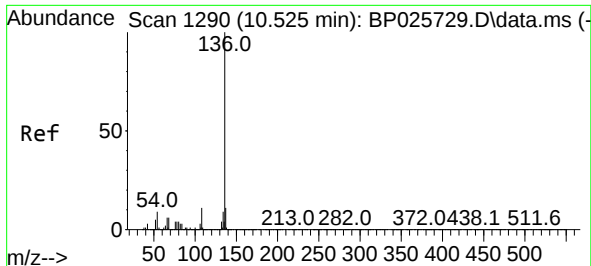
Tgt Ion: 70 Resp: 427700
Ion Ratio Lower Upper
70 100
42 62.2 49.0 73.4
101 9.7 7.9 11.9
130 20.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.573 ng
RT: 8.525 min Scan# 950
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion: 107 Resp: 602439
Ion Ratio Lower Upper
107 100
108 89.5 67.8 107.8
77 35.5 16.1 56.1
79 30.4 10.5 50.5

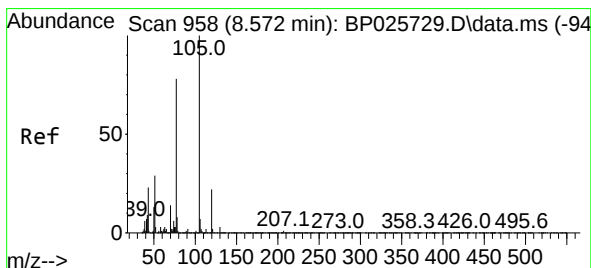
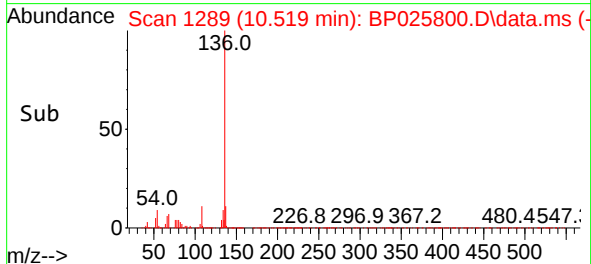
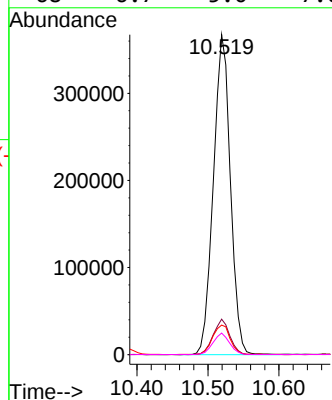
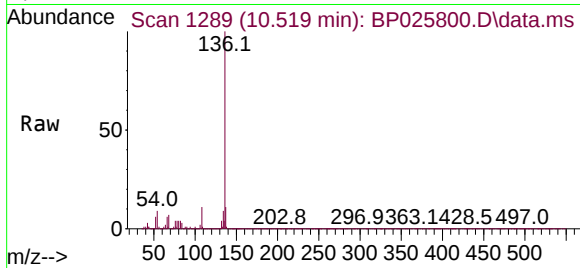




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

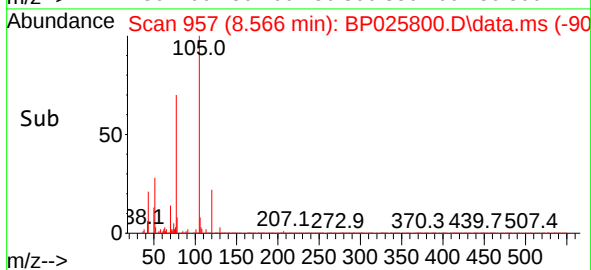
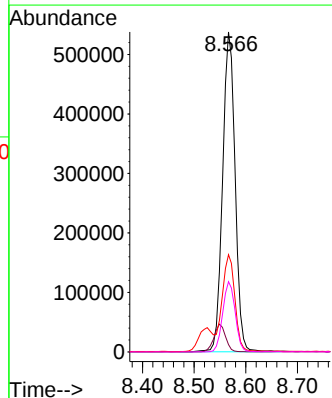
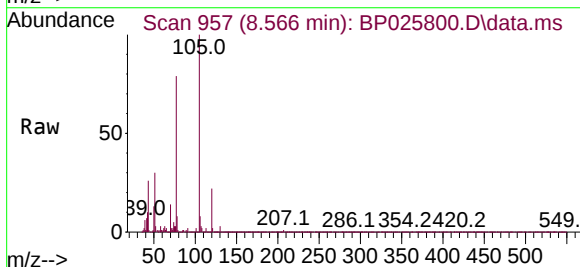
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

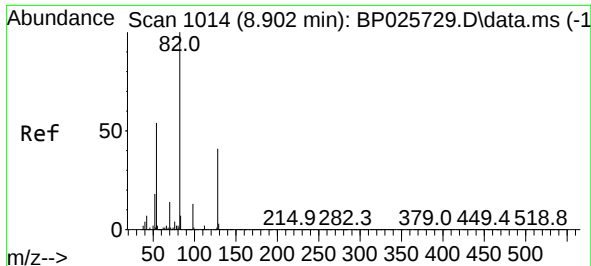
Tgt Ion:	136	Resp:	611018
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.2	7.5	11.3
68	6.7	5.0	7.6



#22
Acetophenone
Concen: 56.038 ng
RT: 8.566 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:	105	Resp:	915028
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.8	2.8
51	30.4	23.5	35.3
120	21.9	17.7	26.5

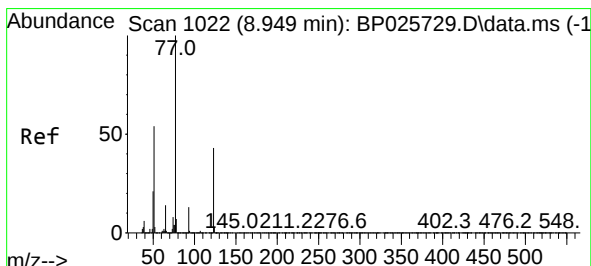
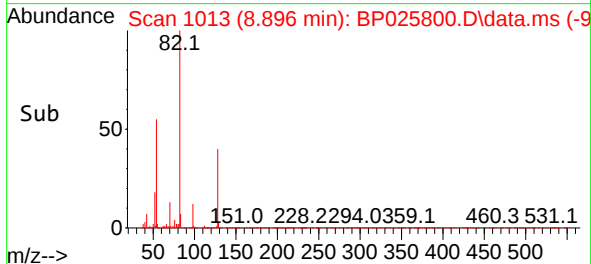
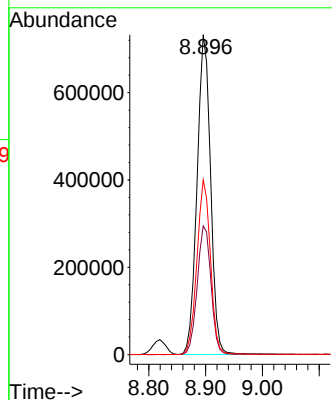
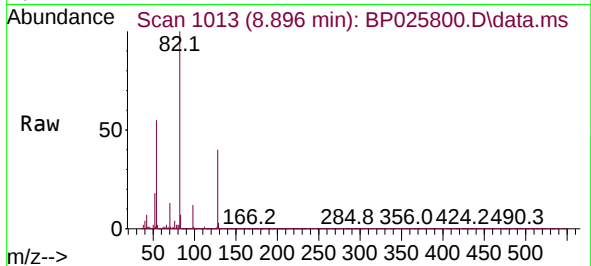




#23
Nitrobenzene-d5
Concen: 87.156 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

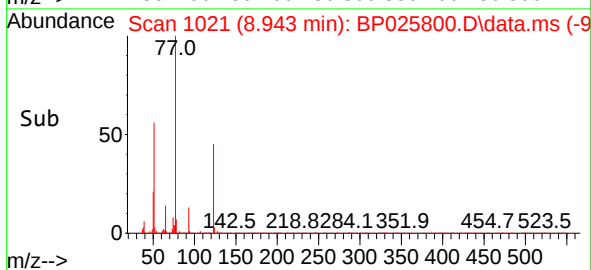
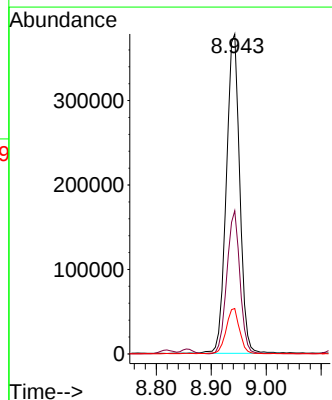
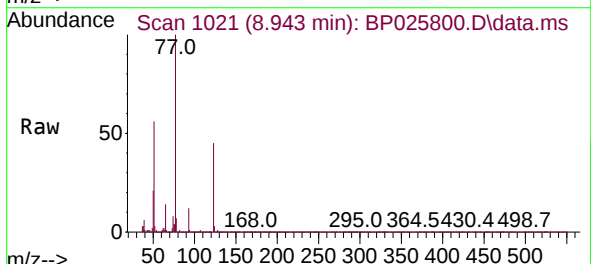
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

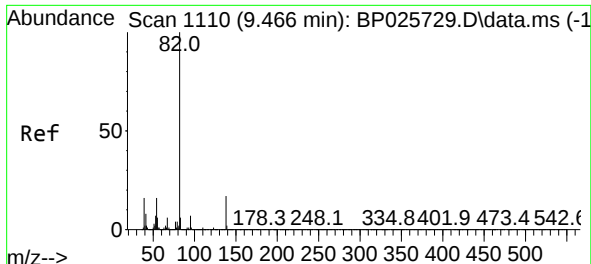
Tgt Ion: 82 Resp: 1207277
Ion Ratio Lower Upper
82 100
128 40.2 32.9 49.3
54 54.6 43.4 65.2



#24
Nitrobenzene
Concen: 51.542 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion: 77 Resp: 640485
Ion Ratio Lower Upper
77 100
123 44.7 34.4 51.6
65 14.2 10.8 16.2

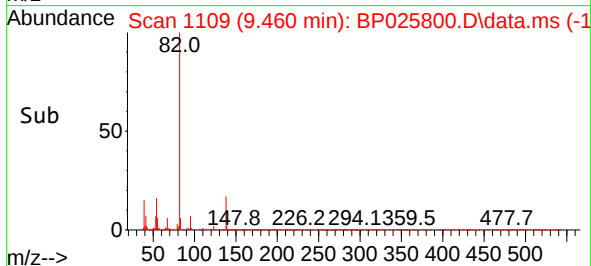
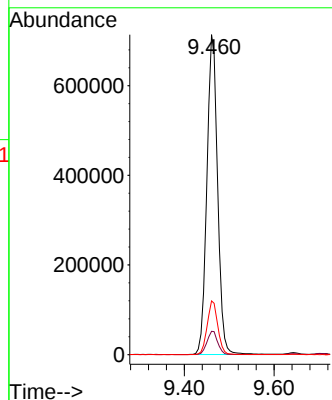
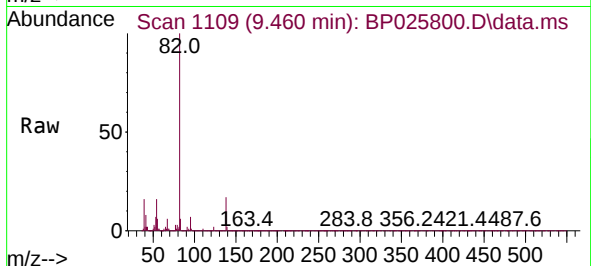




#25
Isophorone
Concen: 48.606 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

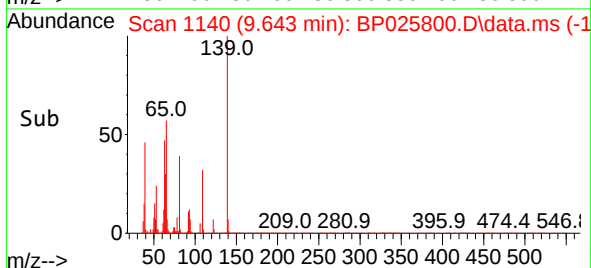
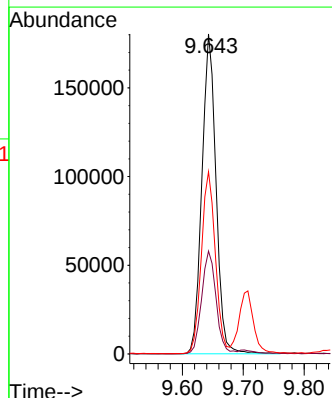
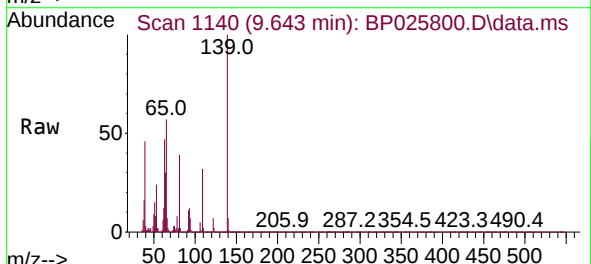
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

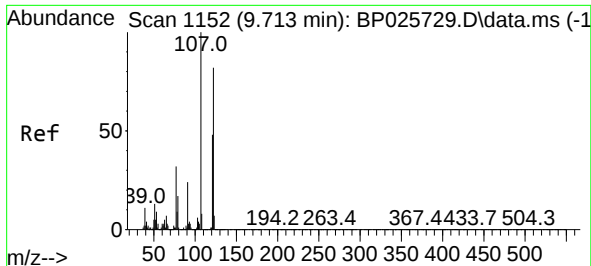
Tgt Ion: 82 Resp: 1183416
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 16.8 13.5 20.3



#26
2-Nitrophenol
Concen: 52.571 ng
RT: 9.643 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion: 139 Resp: 290040
Ion Ratio Lower Upper
139 100
109 32.1 29.0 43.4
65 56.9 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 50.604 ng

RT: 9.702 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

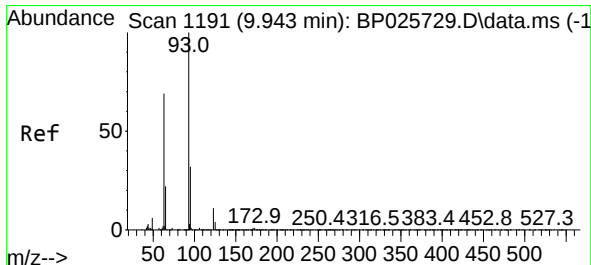
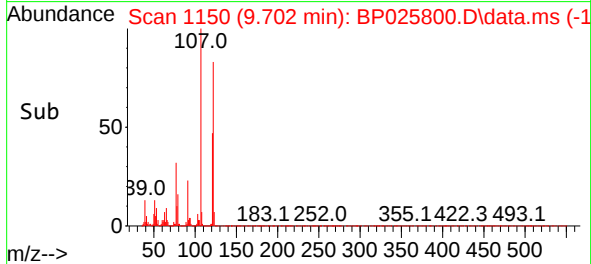
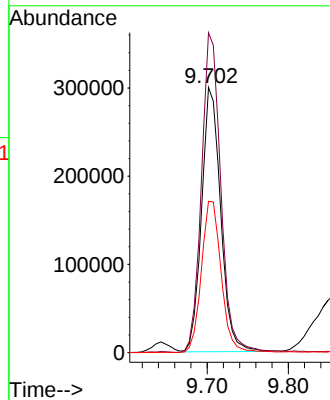
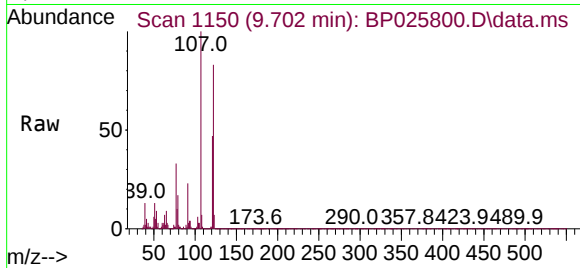
Tgt Ion:122 Resp: 489795

Ion Ratio Lower Upper

122 100

107 120.7 97.9 146.9

121 57.1 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 50.540 ng

RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

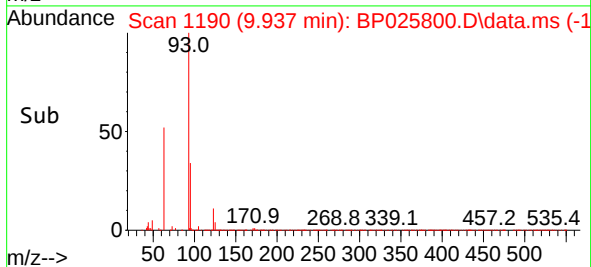
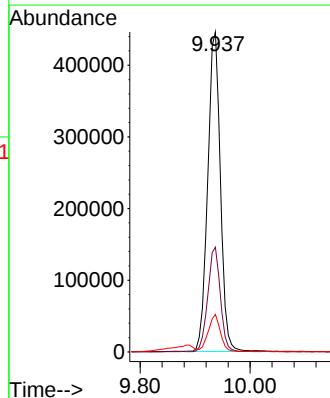
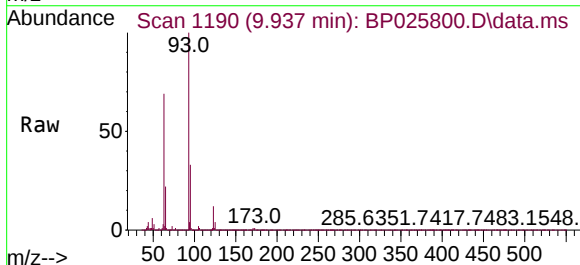
Tgt Ion: 93 Resp: 711288

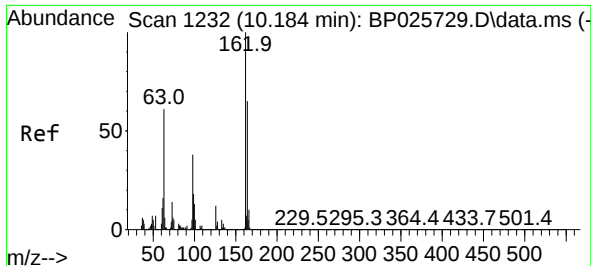
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 11.7 9.2 13.8

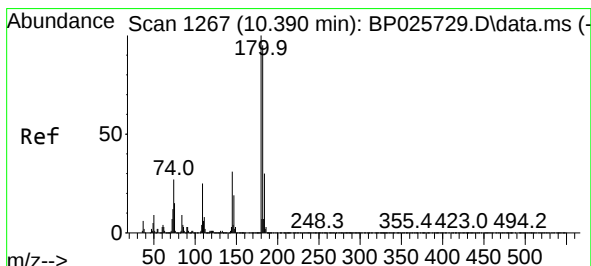
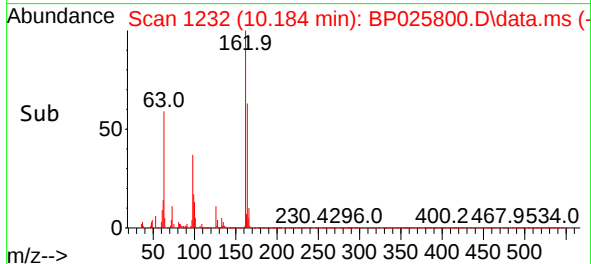
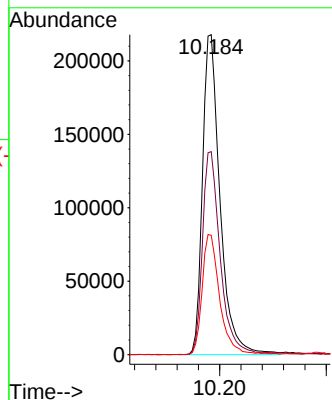
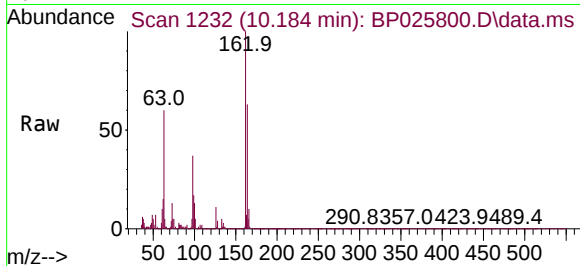




#29
2,4-Dichlorophenol
Concen: 51.634 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

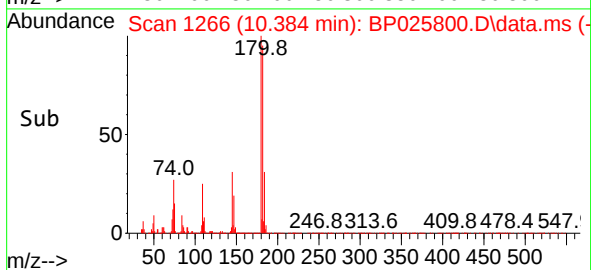
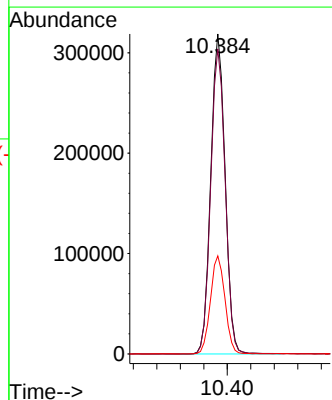
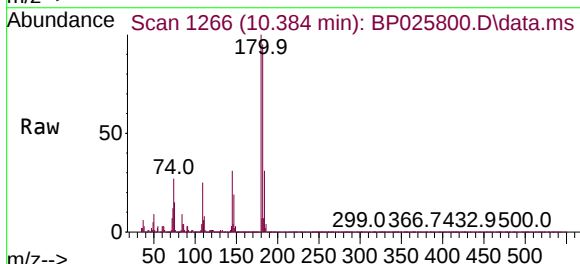
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

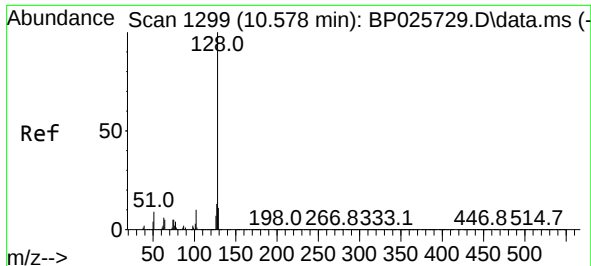
Tgt Ion:162 Resp: 498286
Ion Ratio Lower Upper
162 100
164 63.4 44.7 84.7
98 37.3 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 49.623 ng
RT: 10.384 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:180 Resp: 539699
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 30.6 24.7 37.1

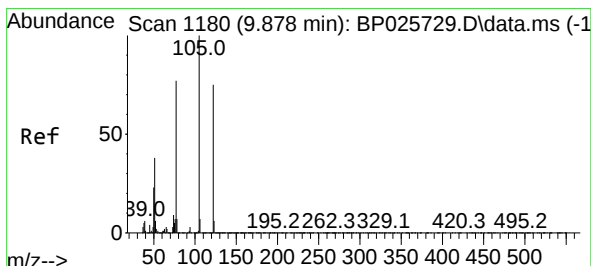
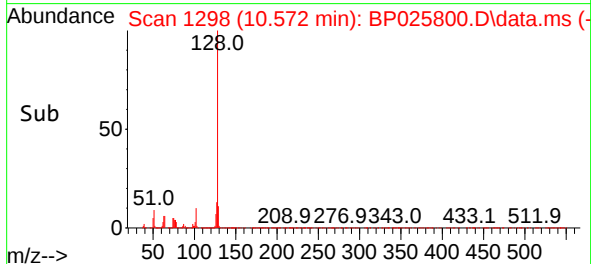
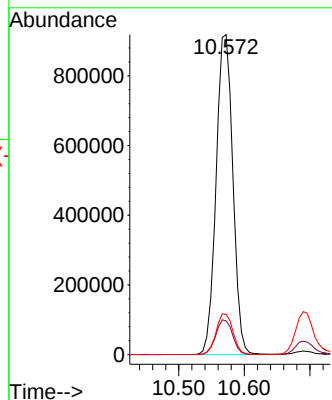
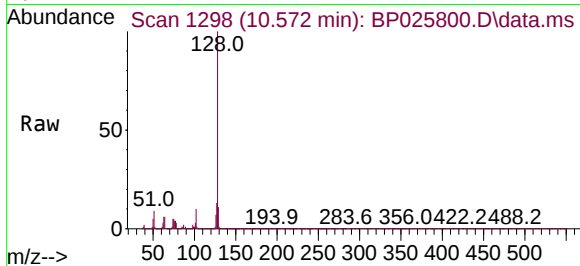




#31
Naphthalene
Concen: 49.592 ng
RT: 10.572 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

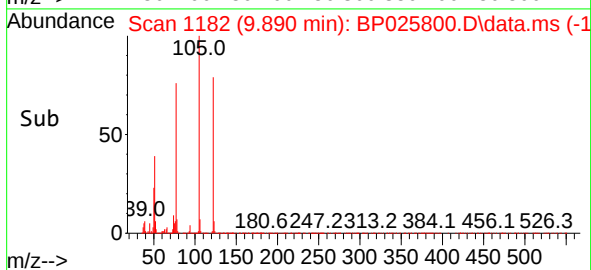
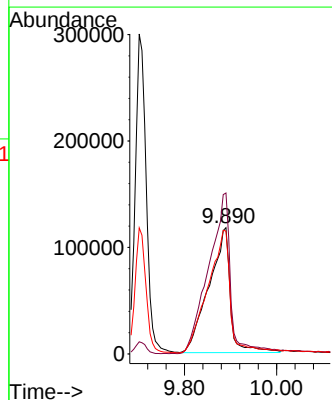
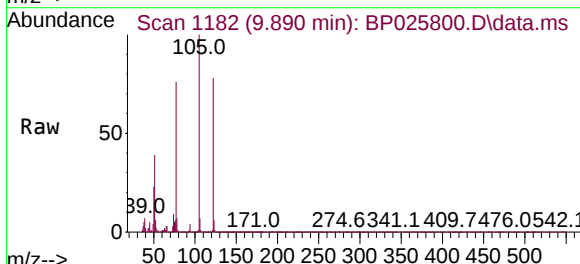
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

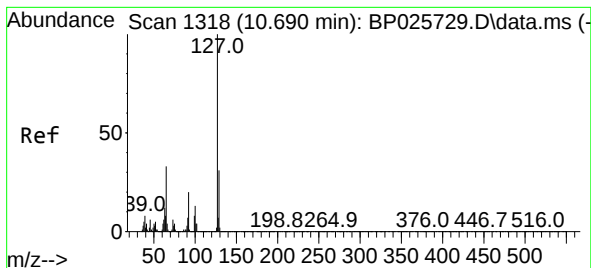
Tgt Ion:128 Resp: 1633873
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.6 10.2 15.4



#32
Benzoic acid
Concen: 52.725 ng
RT: 9.890 min Scan# 1182
Delta R.T. 0.012 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:122 Resp: 379412
Ion Ratio Lower Upper
122 100
105 127.5 111.5 151.5
77 97.3 81.8 121.8

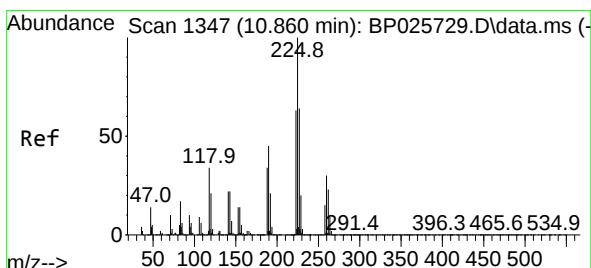
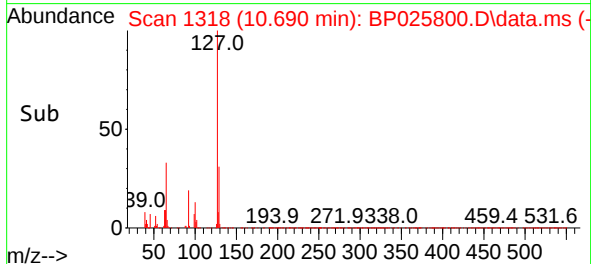
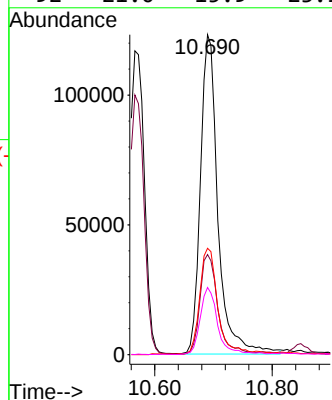
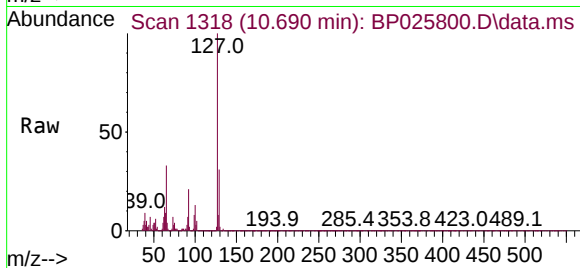




#33
4-Chloroaniline
Concen: 18.536 ng
RT: 10.690 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

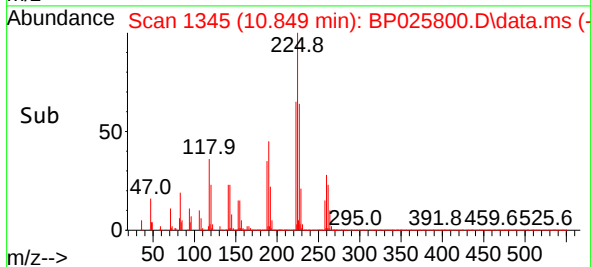
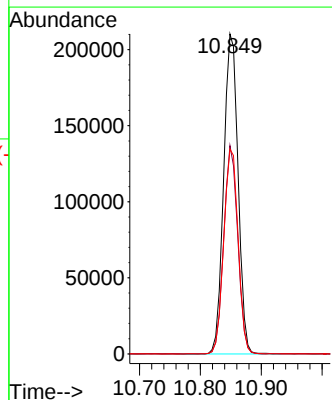
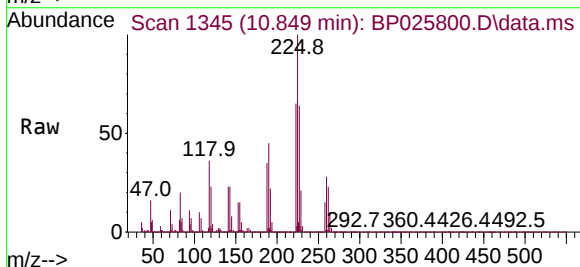
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

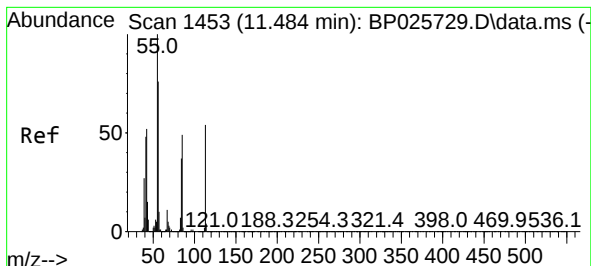
Tgt Ion:	127	Resp:	254547
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.1	37.7
65	33.2	26.4	39.6
92	21.0	15.9	23.9



#34
Hexachlorobutadiene
Concen: 49.222 ng
RT: 10.849 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:	225	Resp:	344618
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.1	75.1
227	64.0	51.2	76.8

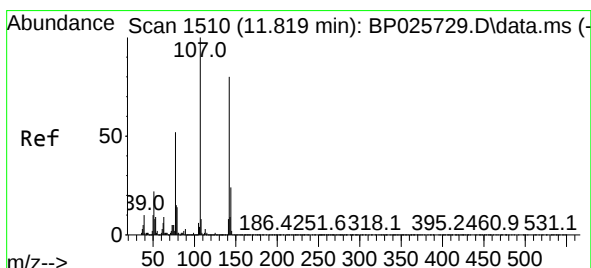
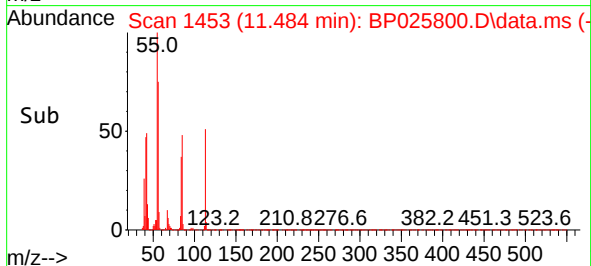
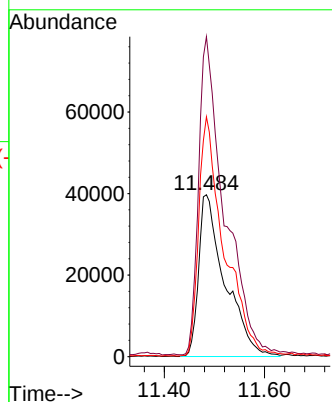
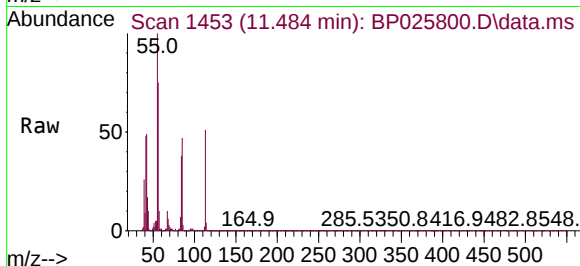




#35
Caprolactam
Concen: 38.951 ng
RT: 11.484 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

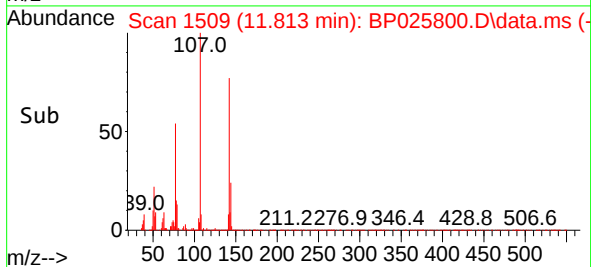
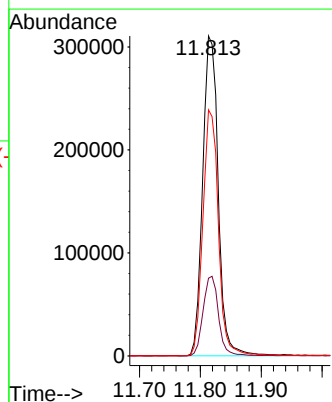
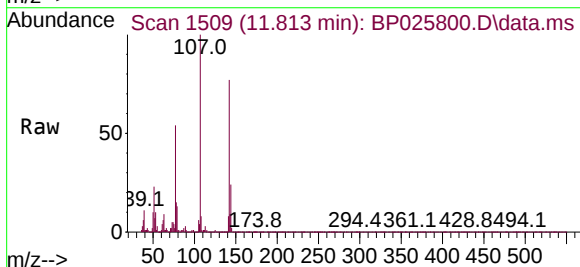
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

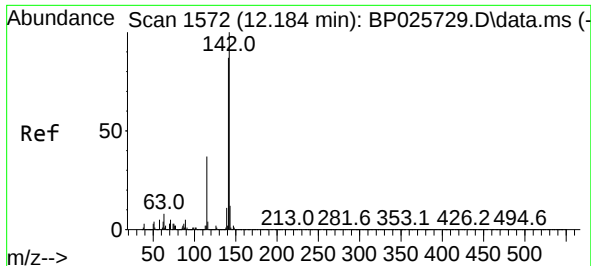
Tgt Ion:113 Resp: 144899
Ion Ratio Lower Upper
113 100
55 197.6 165.5 205.5
56 148.1 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 47.832 ng
RT: 11.813 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:107 Resp: 550327
Ion Ratio Lower Upper
107 100
144 24.3 19.4 29.2
142 76.9 63.8 95.6

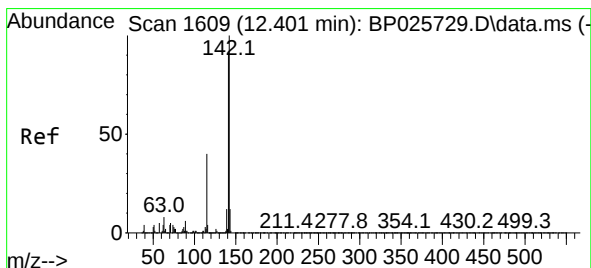
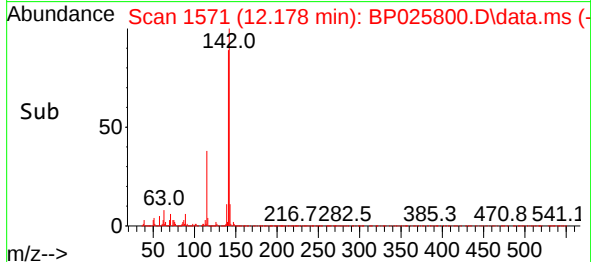
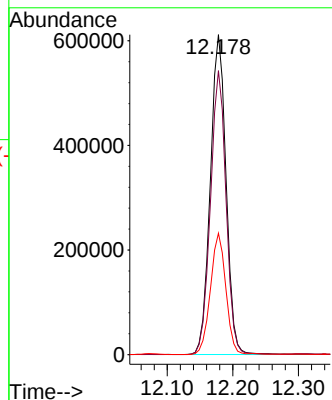
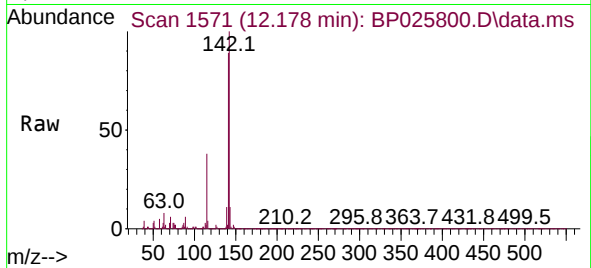




#37
2-Methylnaphthalene
Concen: 48.131 ng
RT: 12.178 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

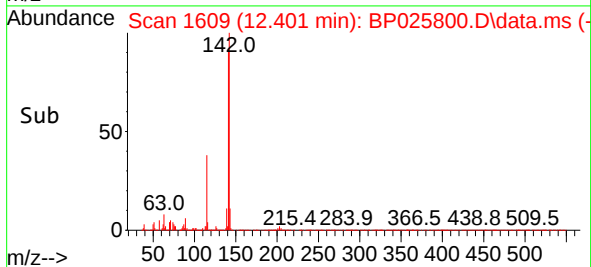
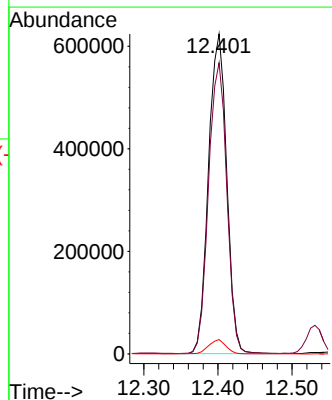
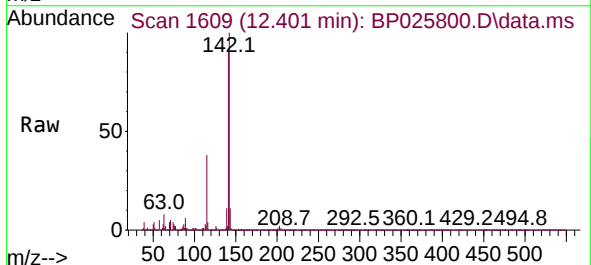
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

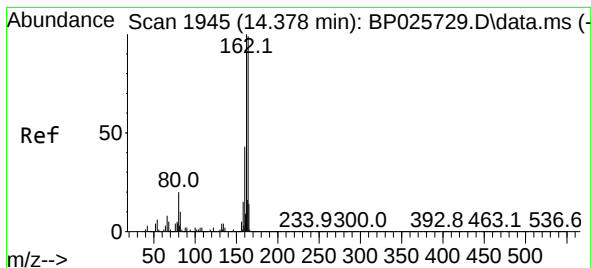
Tgt Ion:142 Resp: 1018496
Ion Ratio Lower Upper
142 100
141 88.7 69.6 104.4
115 37.9 30.0 45.0



#38
1-Methylnaphthalene
Concen: 47.098 ng
RT: 12.401 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:142 Resp: 1062795
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1
116 4.5 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

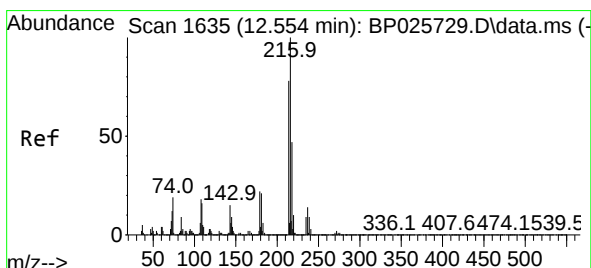
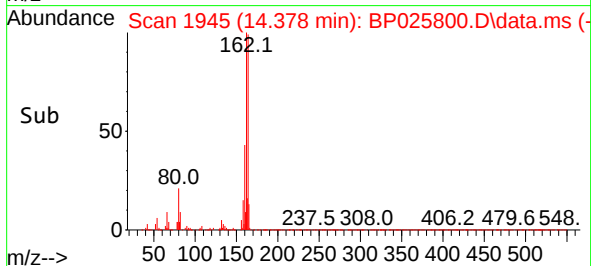
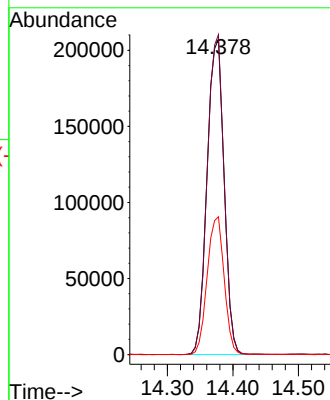
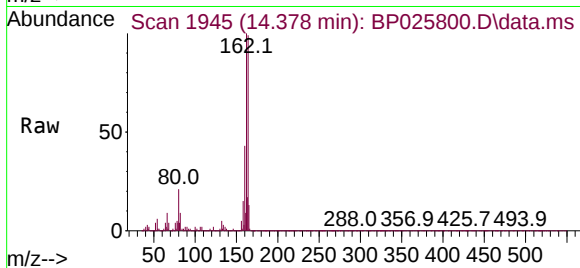
Tgt Ion:164 Resp: 372772

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 43.7 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.758 ng

RT: 12.554 min Scan# 1635

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Tgt Ion:216 Resp: 652432

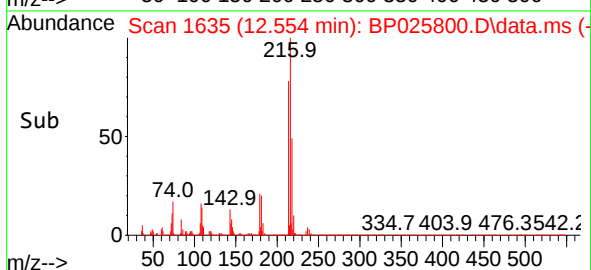
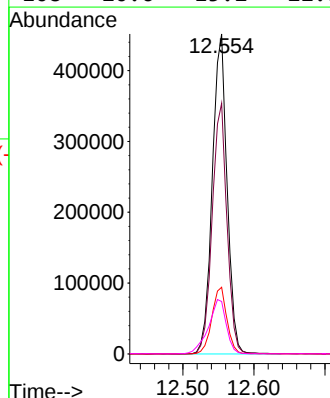
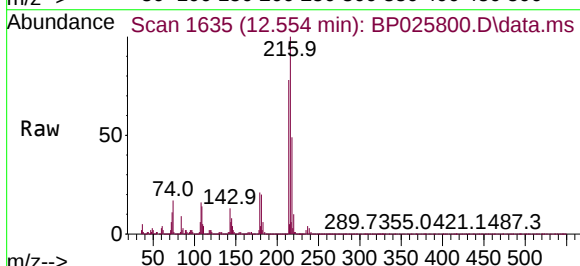
Ion Ratio Lower Upper

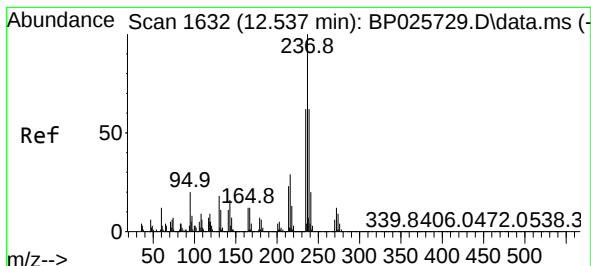
216 100

214 78.5 62.4 93.6

179 21.3 17.0 25.6

108 20.6 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 111.290 ng

RT: 12.531 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

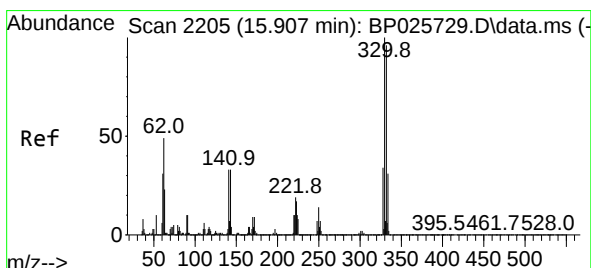
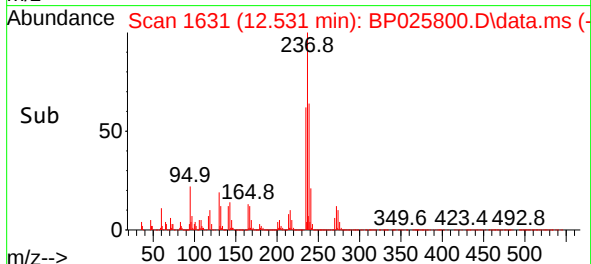
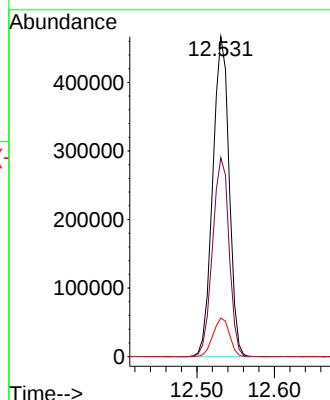
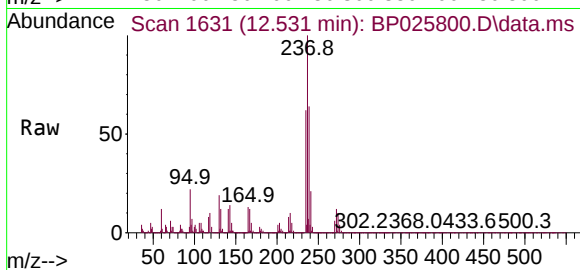
Tgt Ion:237 Resp: 684680

Ion Ratio Lower Upper

237 100

235 62.1 41.9 81.9

272 12.0 0.0 31.8



#42

2,4,6-Tribromophenol

Concen: 133.920 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

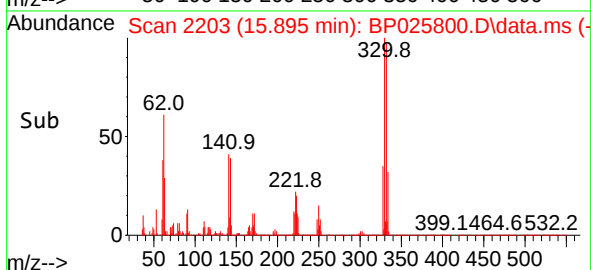
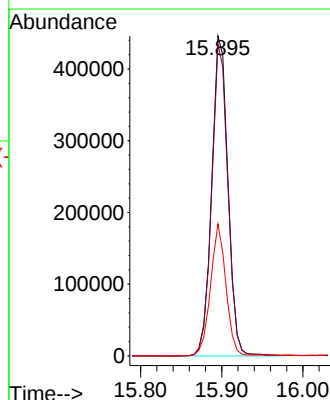
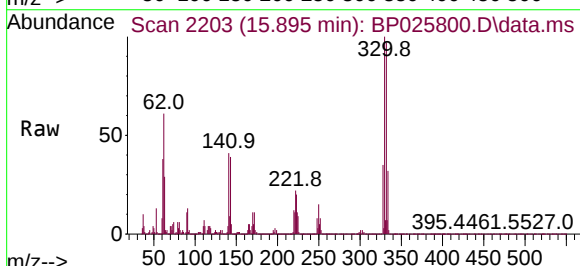
Tgt Ion:330 Resp: 622671

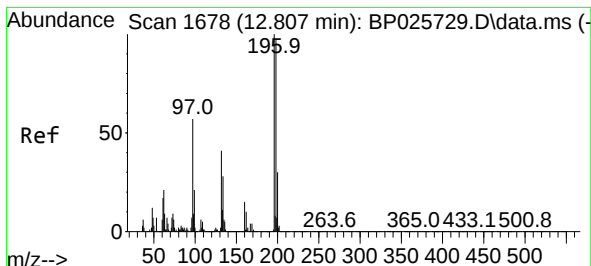
Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 39.1 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 54.223 ng

RT: 12.801 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

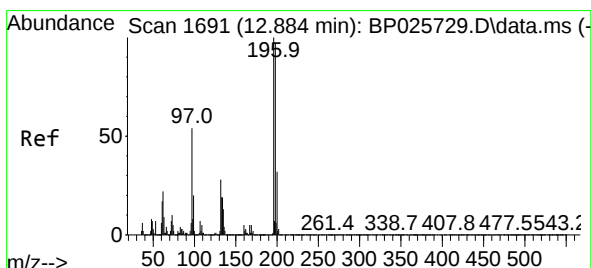
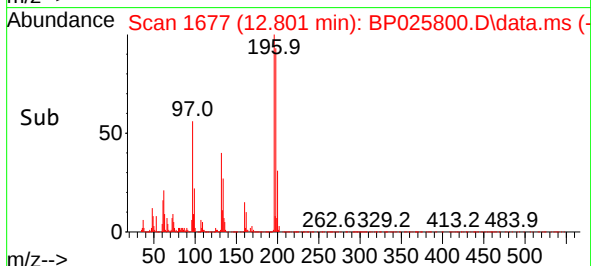
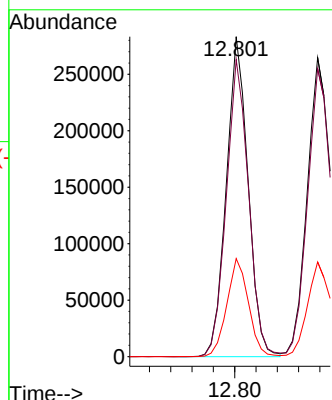
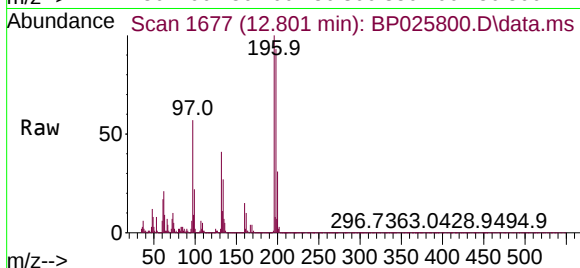
Tgt Ion:196 Resp: 402660

Ion Ratio Lower Upper

196 100

198 92.8 77.2 115.8

200 30.6 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 53.009 ng

RT: 12.878 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Tgt Ion:196 Resp: 438100

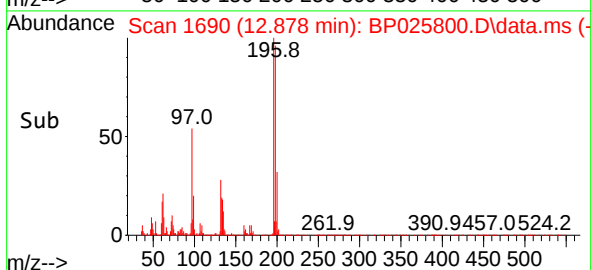
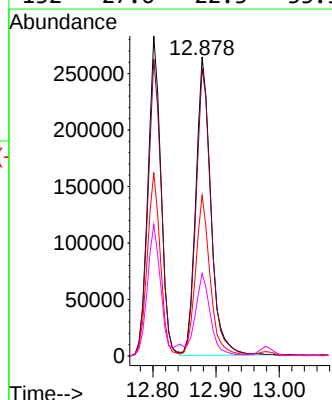
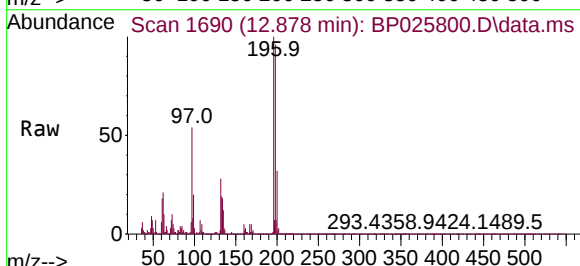
Ion Ratio Lower Upper

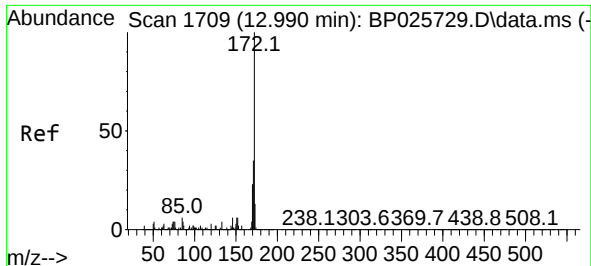
196 100

198 96.3 77.8 116.8

97 53.7 43.3 64.9

132 27.6 22.3 33.5

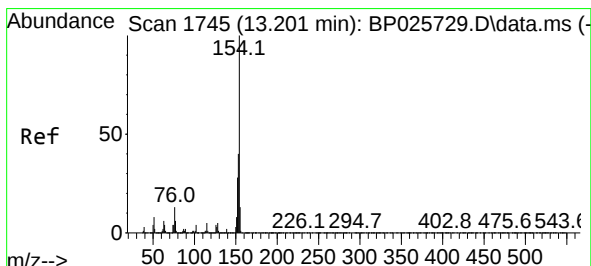
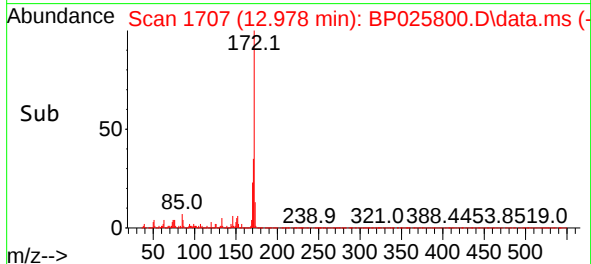
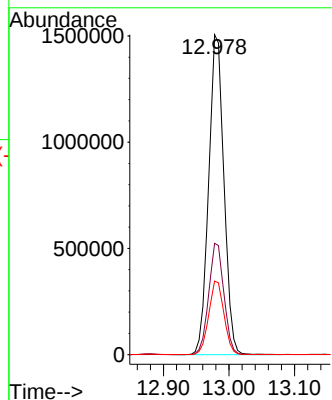
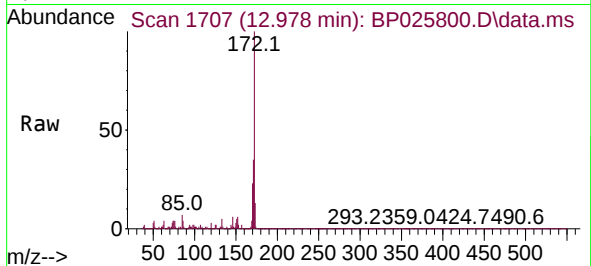




#45
2-Fluorobiphenyl
Concen: 86.766 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

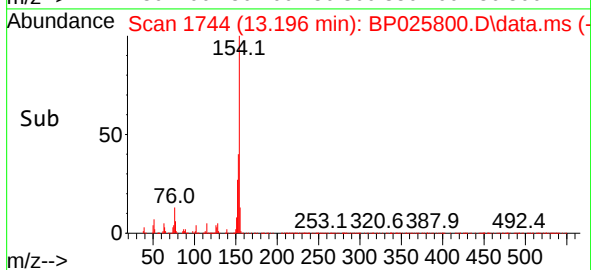
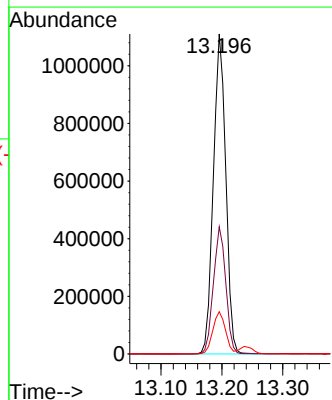
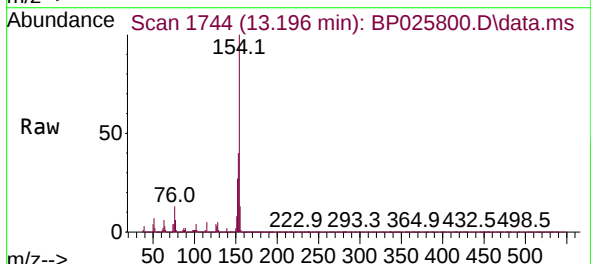
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

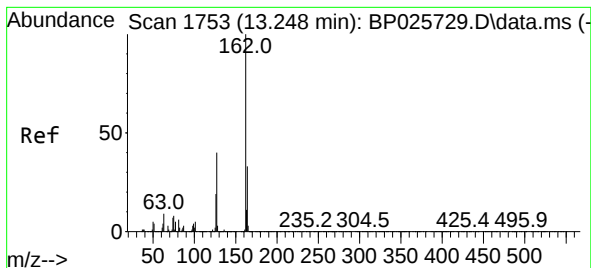
Tgt Ion:172 Resp: 2429131
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 57.542 ng
RT: 13.196 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:154 Resp: 1574452
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 13.2 0.0 33.3

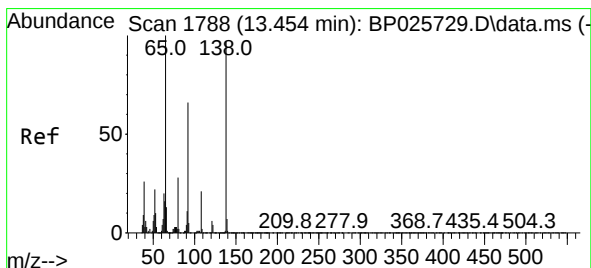
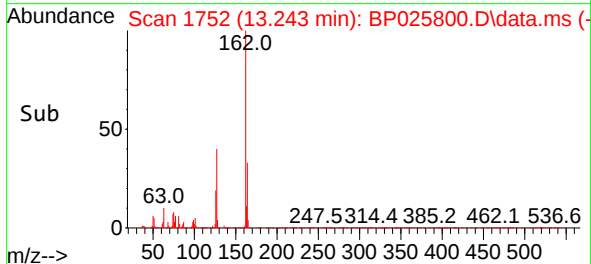
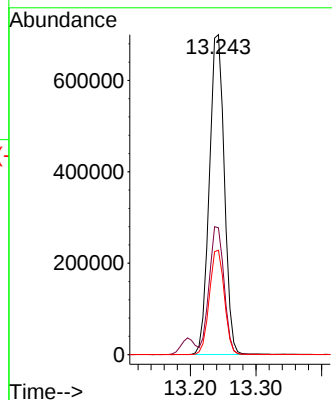
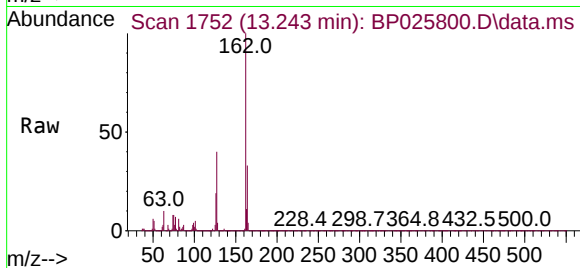




#47
2-Chloronaphthalene
Concen: 51.687 ng
RT: 13.243 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

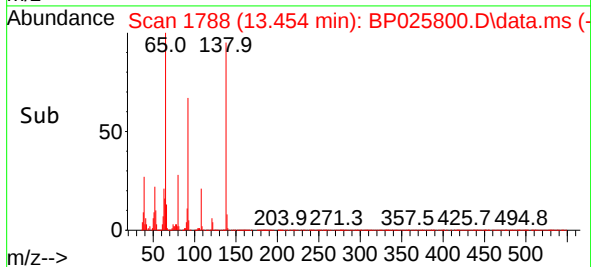
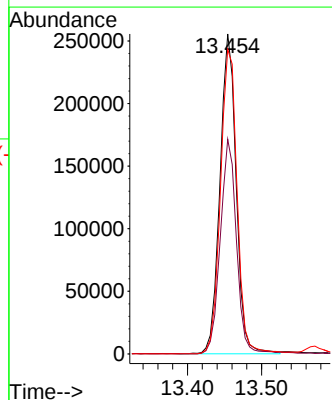
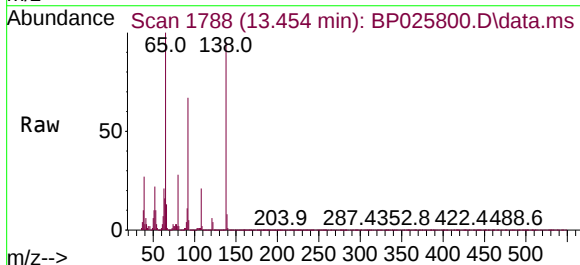
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

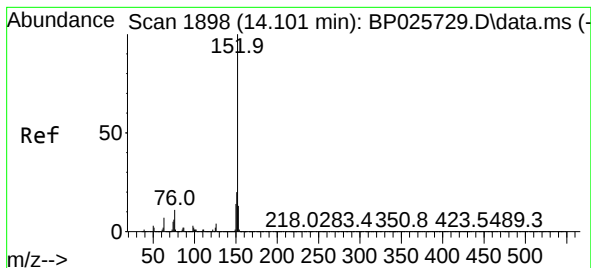
Tgt Ion:162 Resp: 1113576
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.4
164 32.6 26.5 39.7



#48
2-Nitroaniline
Concen: 53.997 ng
RT: 13.454 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion: 65 Resp: 387791
Ion Ratio Lower Upper
65 100
92 67.1 53.1 79.7
138 95.2 77.8 116.8





#49

Acenaphthylene

Concen: 52.770 ng

RT: 14.101 min Scan# 1898

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

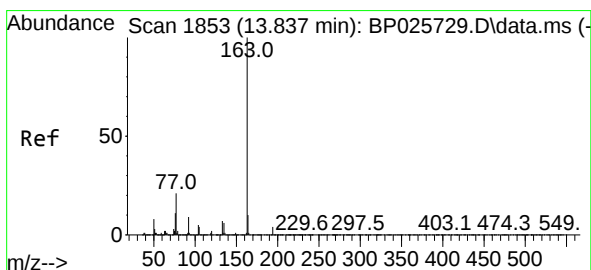
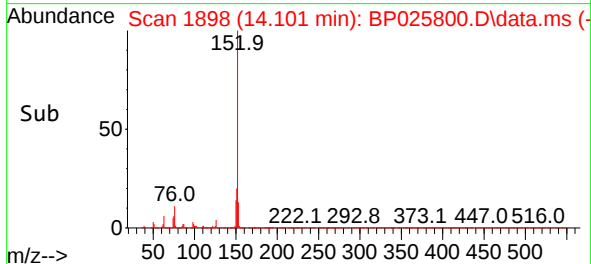
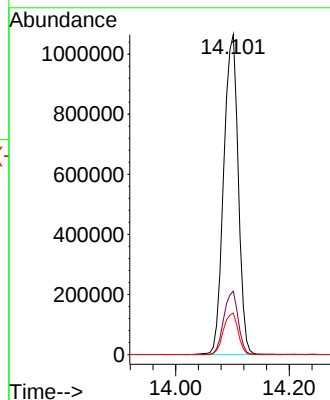
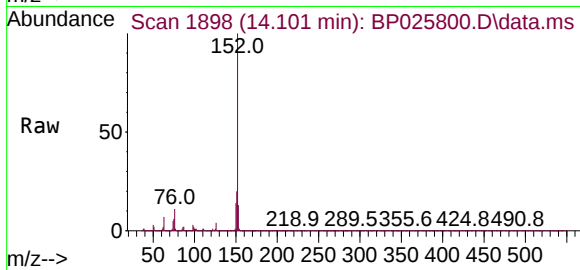
Tgt Ion:152 Resp: 1883741

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 49.666 ng

RT: 13.831 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

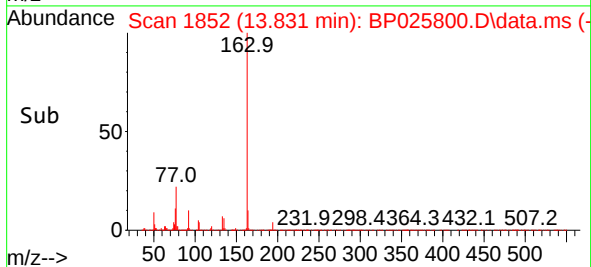
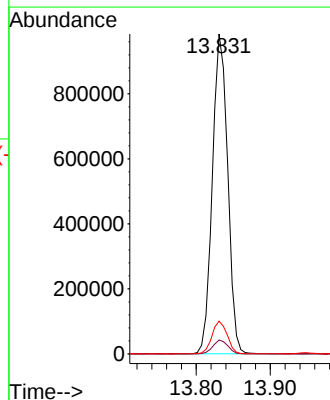
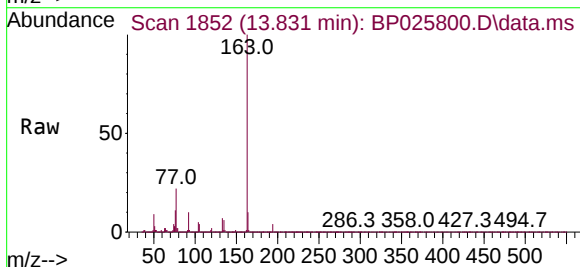
Tgt Ion:163 Resp: 1413490

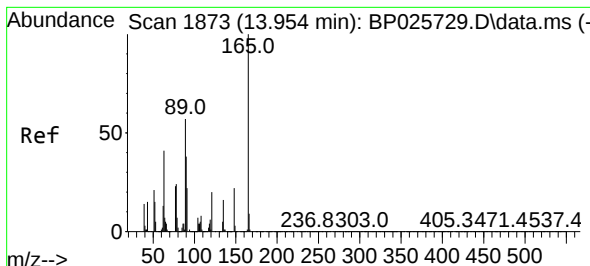
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2

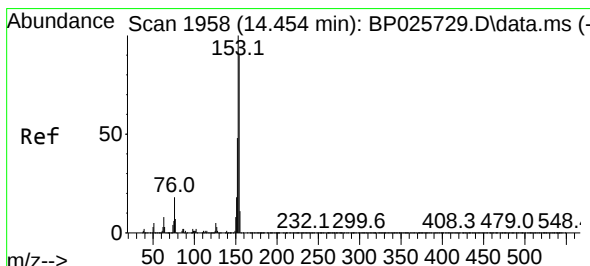
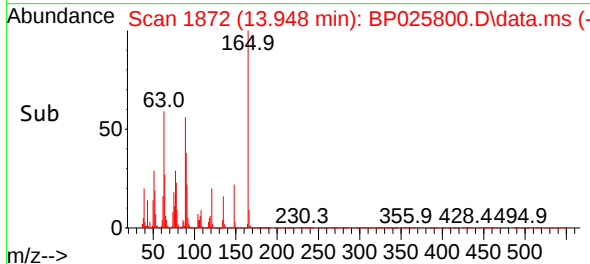
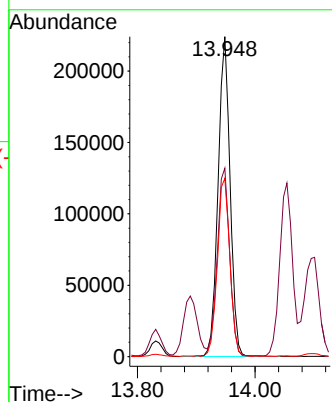
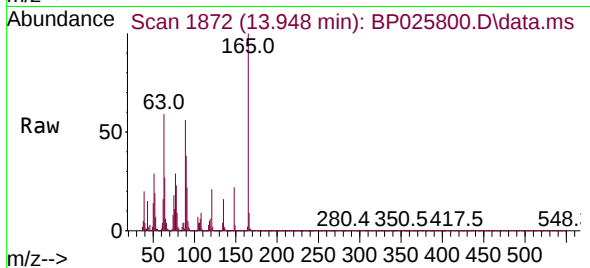




#51
2,6-Dinitrotoluene
Concen: 52.614 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

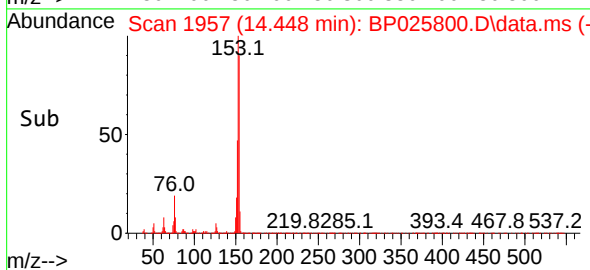
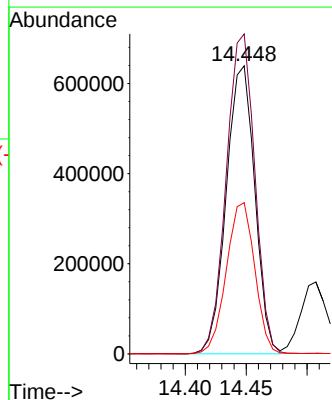
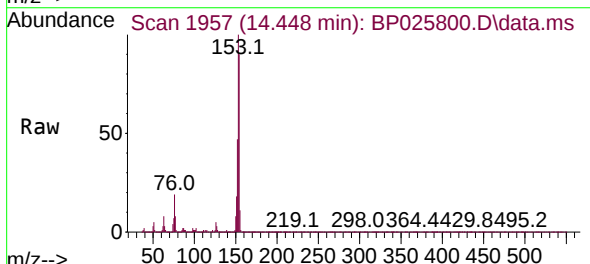
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

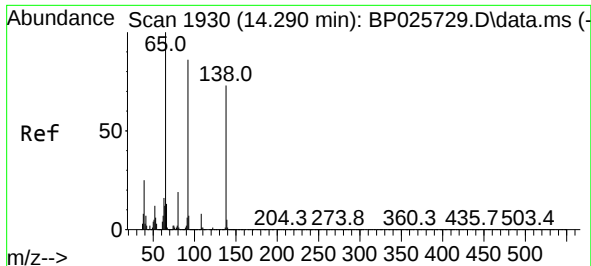
Tgt Ion:165 Resp: 317242
Ion Ratio Lower Upper
165 100
63 58.9 48.1 72.1
89 55.7 45.4 68.0



#52
Acenaphthene
Concen: 50.718 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:154 Resp: 1044094
Ion Ratio Lower Upper
154 100
153 111.1 89.4 134.0
152 52.5 42.5 63.7

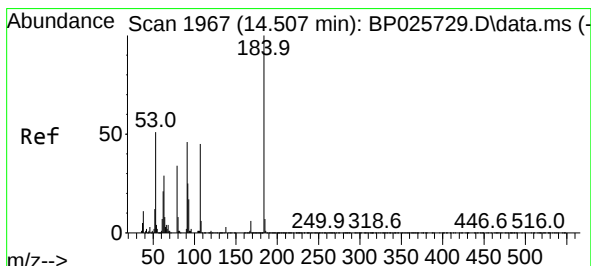
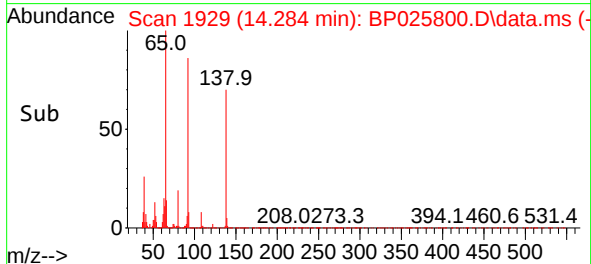
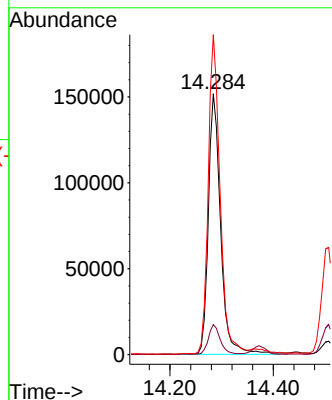
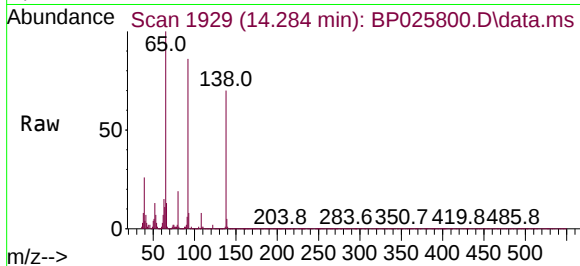




#53
3-Nitroaniline
Concen: 39.397 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

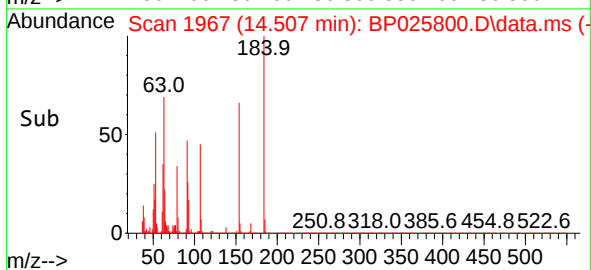
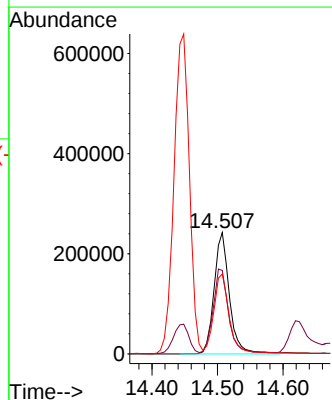
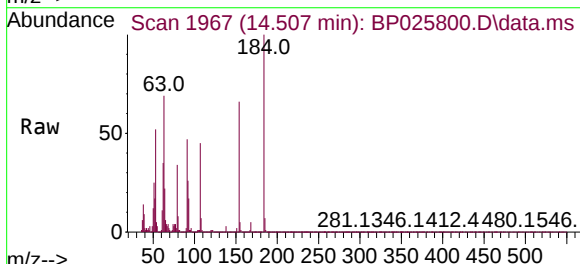
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

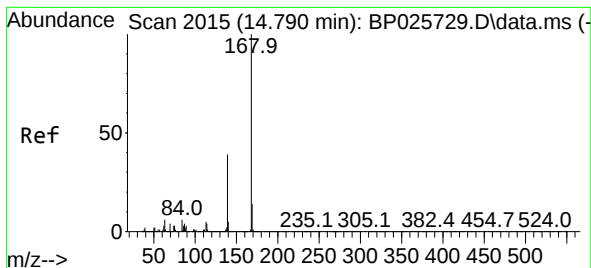
Tgt Ion:138 Resp: 249801
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 122.7 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 99.105 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:184 Resp: 393332
Ion Ratio Lower Upper
184 100
63 68.8 52.5 78.7
154 65.8 51.5 77.3





#55

Dibenzofuran

Concen: 50.341 ng

RT: 14.784 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

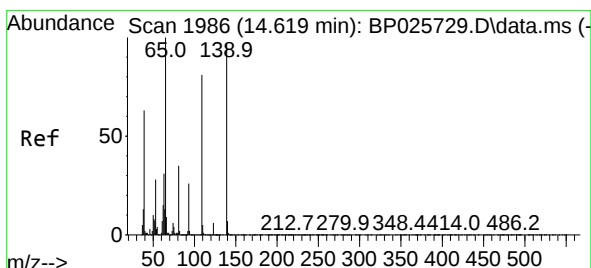
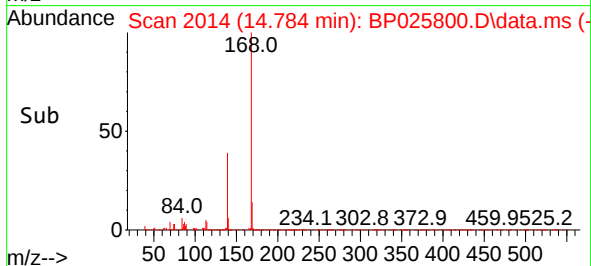
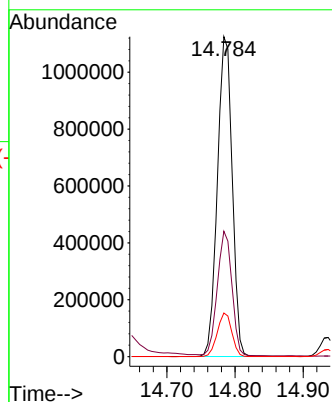
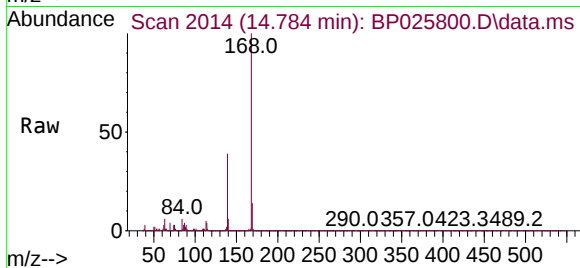
Tgt Ion:168 Resp: 1689024

Ion Ratio Lower Upper

168 100

139 39.2 31.7 47.5

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 87.772 ng

RT: 14.619 min Scan# 1986

Delta R.T. -0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

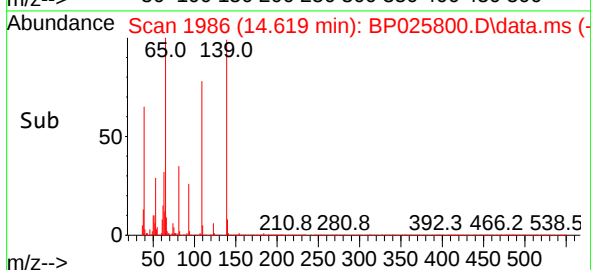
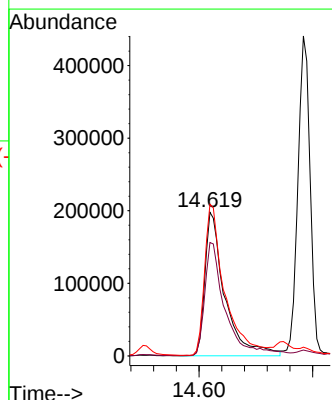
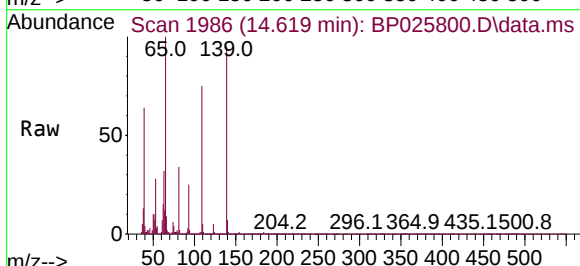
Tgt Ion:139 Resp: 481787

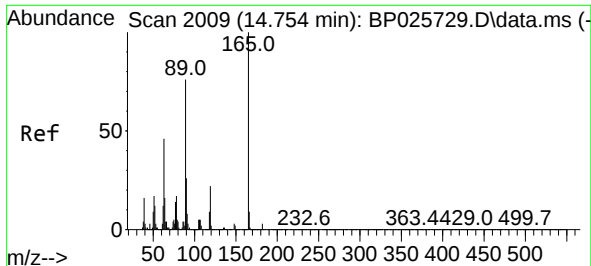
Ion Ratio Lower Upper

139 100

109 79.0 62.9 102.9

65 105.5 83.4 123.4

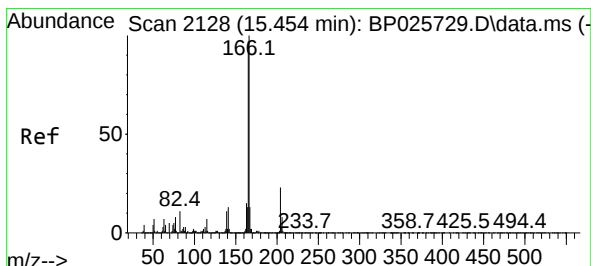
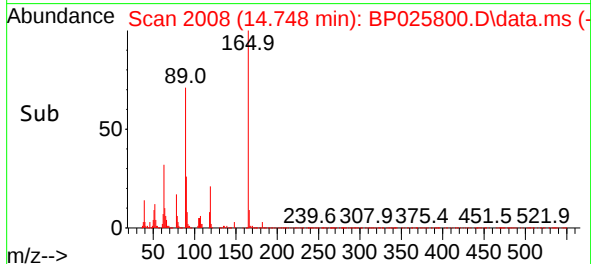
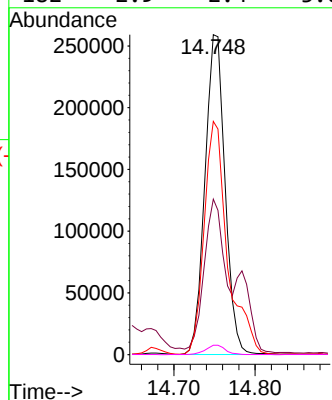
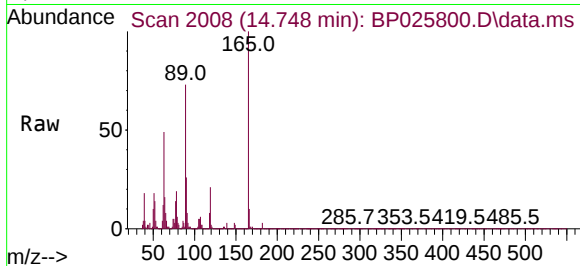




#57
2,4-Dinitrotoluene
Concen: 52.055 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

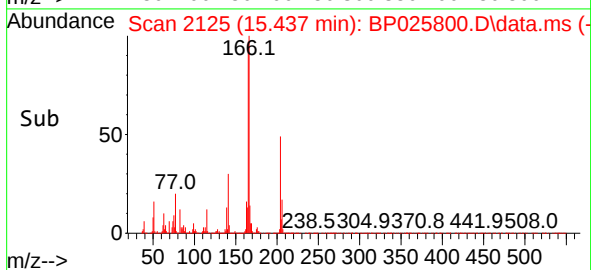
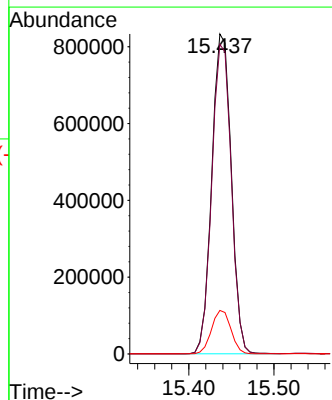
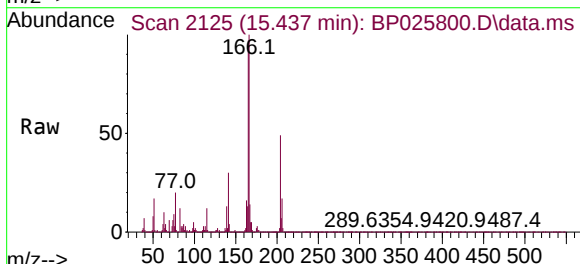
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

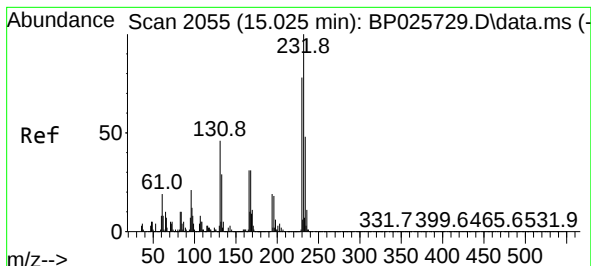
Tgt Ion:165 Resp: 446689
Ion Ratio Lower Upper
165 100
63 48.6 37.7 56.5
89 72.9 61.0 91.6
182 2.9 2.4 3.6



#58
Fluorene
Concen: 49.567 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:166 Resp: 1322415
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 13.6 10.6 16.0

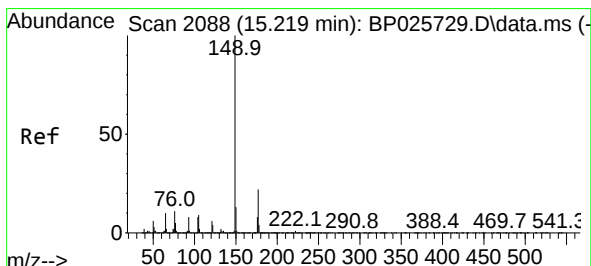
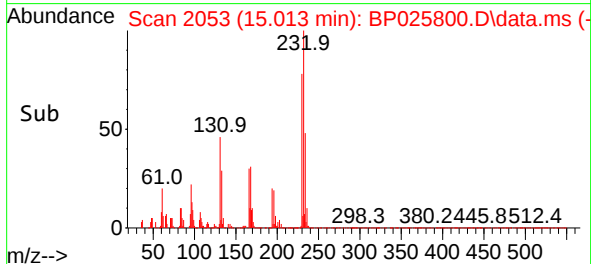
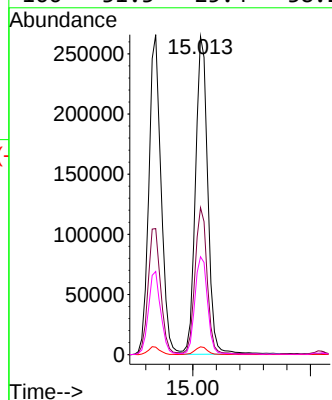
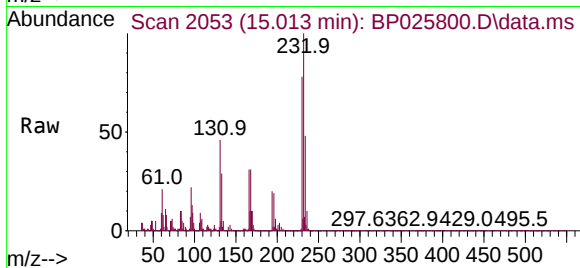




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.369 ng
RT: 15.013 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

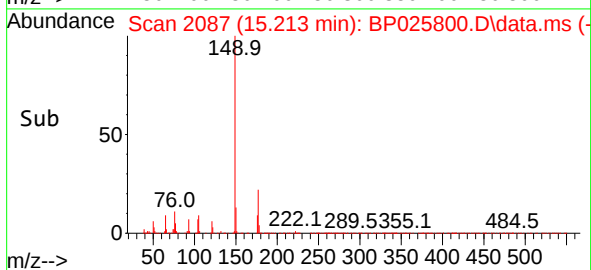
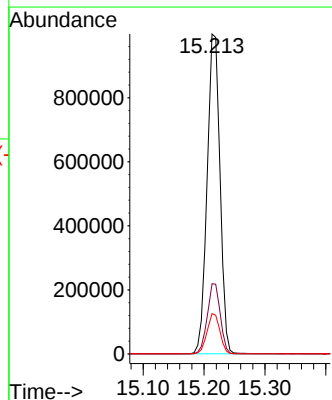
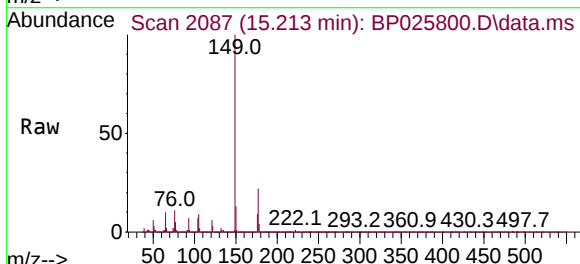
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

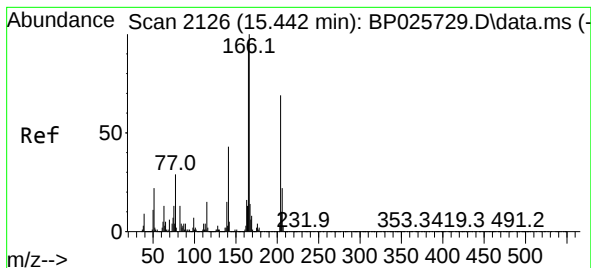
Tgt Ion:	232	Resp:	382435
Ion Ratio	Lower	Upper	
232	100		
131	46.0	36.7	55.1
130	2.4	2.0	3.0
166	31.3	25.4	38.2



#60
Diethylphthalate
Concen: 50.873 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:	149	Resp:	1468630
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.7	26.5
150	12.6	10.0	15.0

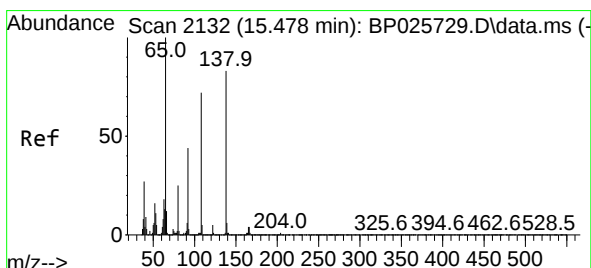
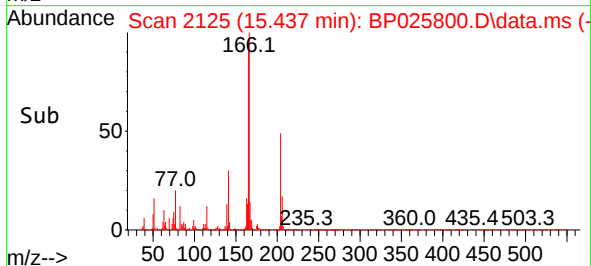
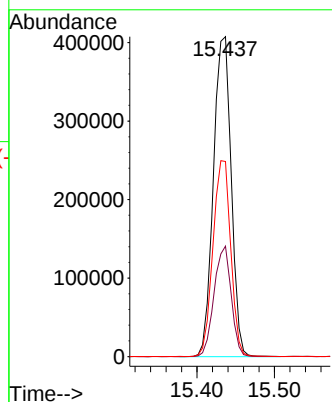
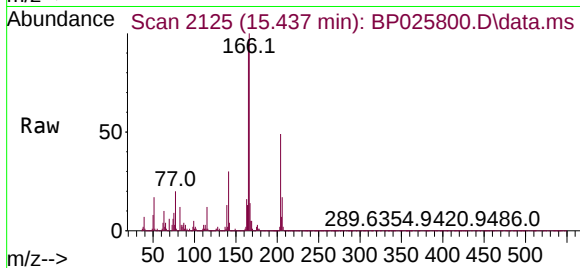




#61
4-Chlorophenyl-phenylether
Concen: 48.456 ng
RT: 15.437 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

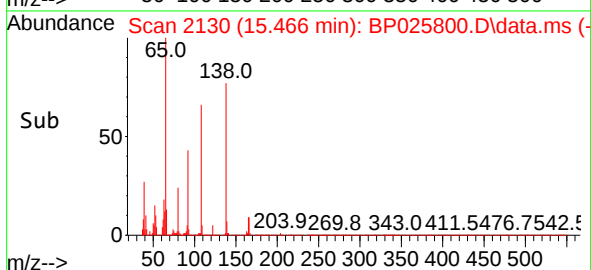
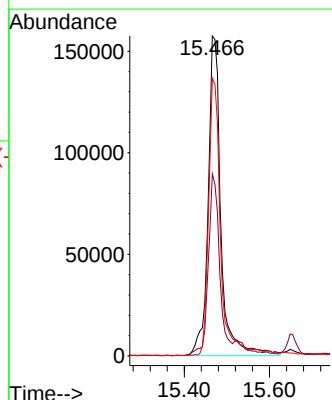
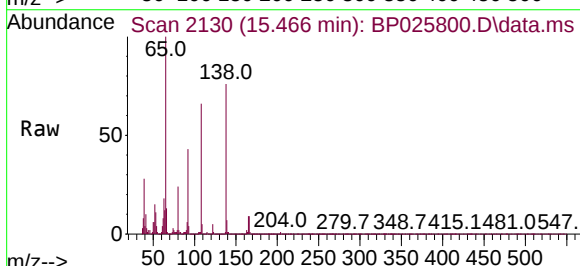
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

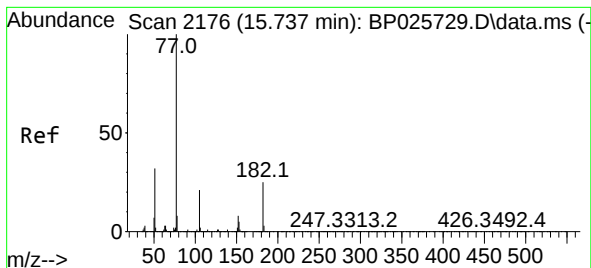
Tgt Ion:204 Resp: 651534
Ion Ratio Lower Upper
204 100
206 34.5 26.0 39.0
141 61.0 49.7 74.5



#62
4-Nitroaniline
Concen: 50.745 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:138 Resp: 329633
Ion Ratio Lower Upper
138 100
92 56.9 33.3 73.3
108 86.8 66.7 106.7





#63

Azobenzene

Concen: 51.206 ng

RT: 15.731 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

Tgt Ion: 77 Resp: 1429343

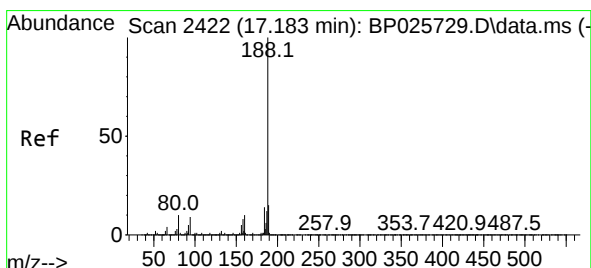
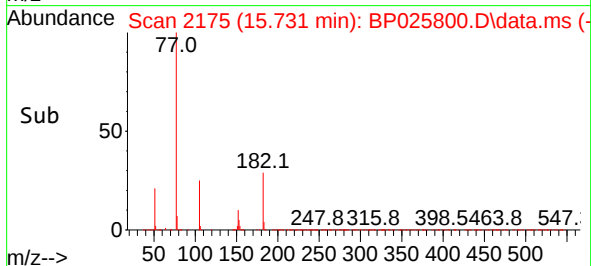
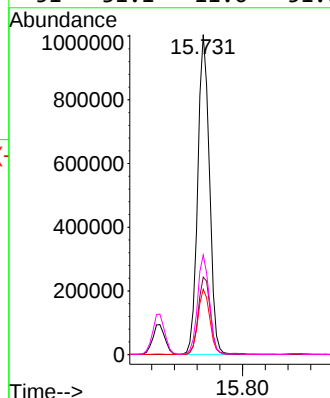
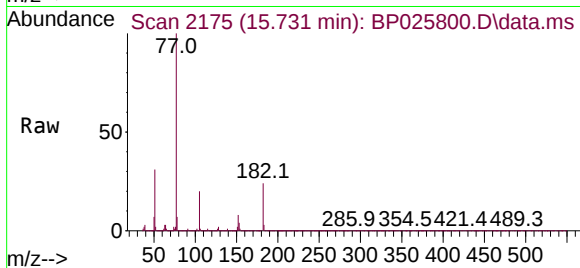
Ion Ratio Lower Upper

77 100

182 24.2 5.2 45.2

105 20.4 1.1 41.1

51 31.1 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.178 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

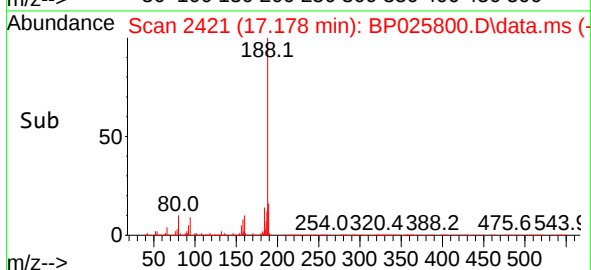
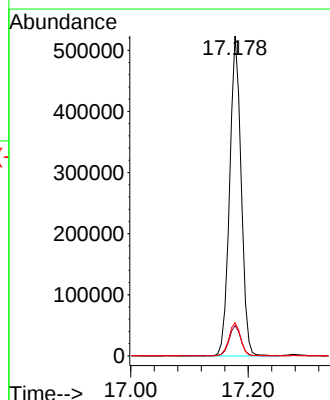
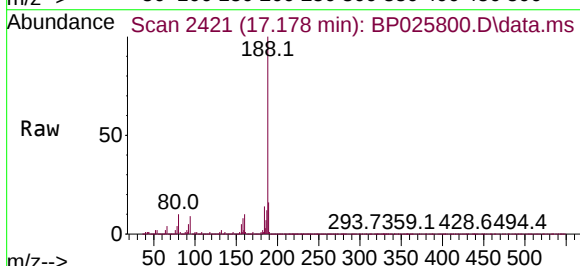
Tgt Ion:188 Resp: 711392

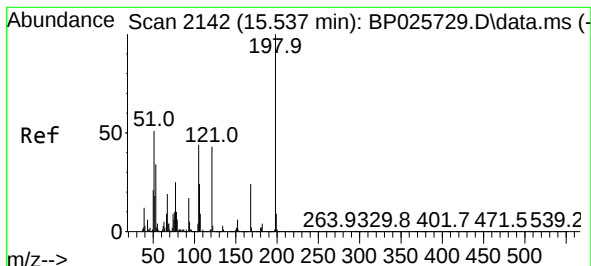
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.0

80 10.4 7.7 11.5

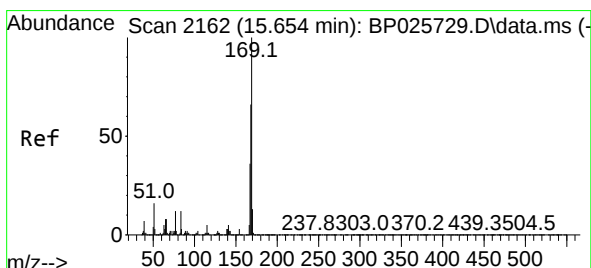
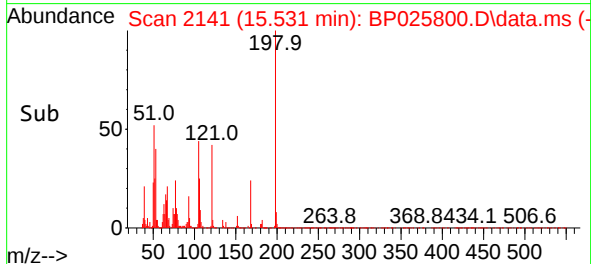
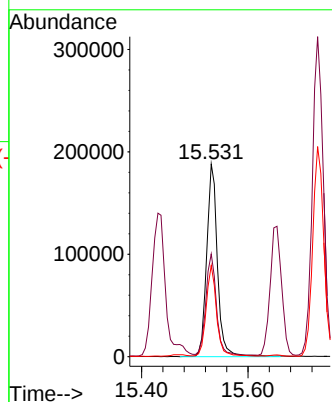
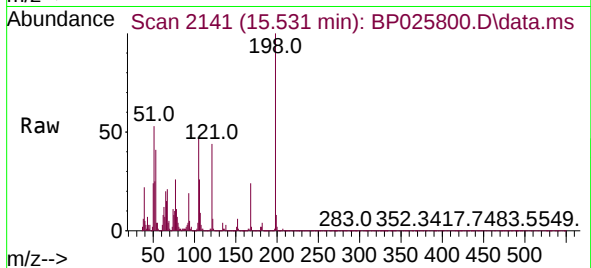




#65
4,6-Dinitro-2-methylphenol
Concen: 55.575 ng
RT: 15.531 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

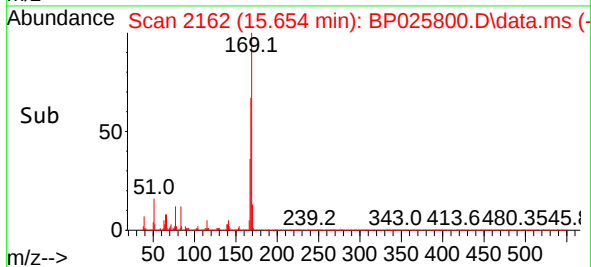
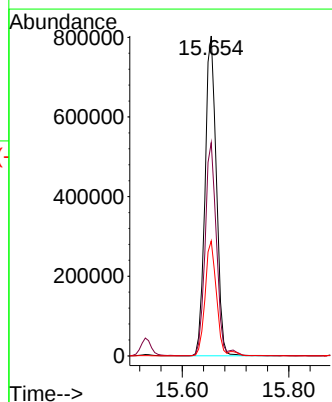
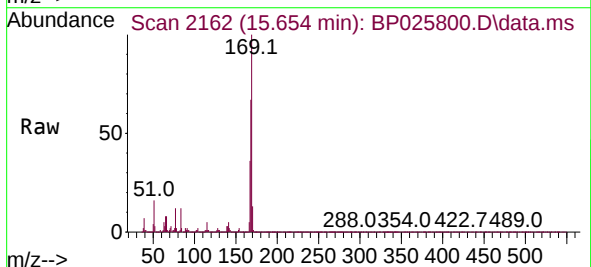
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

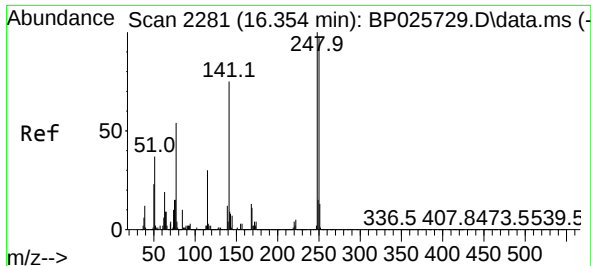
Tgt Ion:198 Resp: 262925
Ion Ratio Lower Upper
198 100
51 53.3 33.4 73.4
105 47.4 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 54.211 ng
RT: 15.654 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:169 Resp: 1180186
Ion Ratio Lower Upper
169 100
168 66.6 52.6 78.8
167 35.9 28.5 42.7

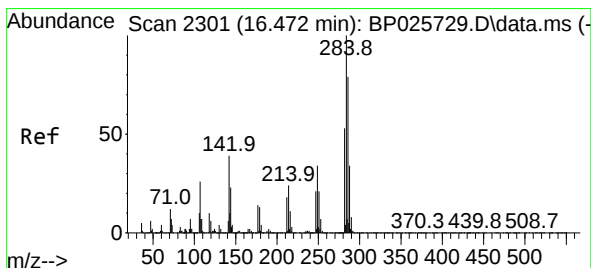
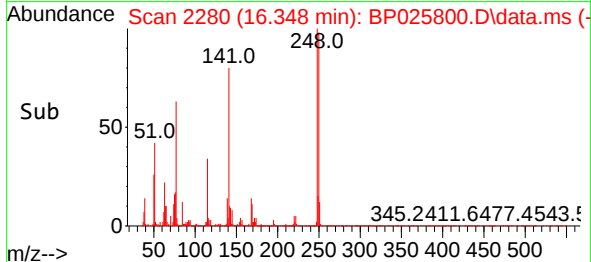
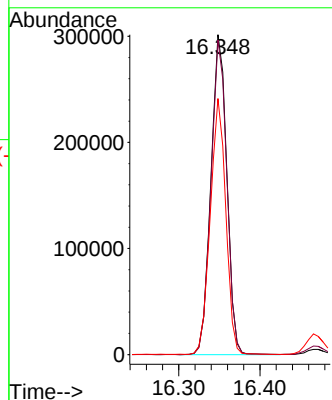
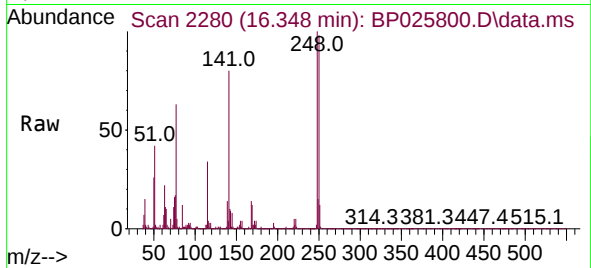




#67
4-Bromophenyl-phenylether
Concen: 52.617 ng
RT: 16.348 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

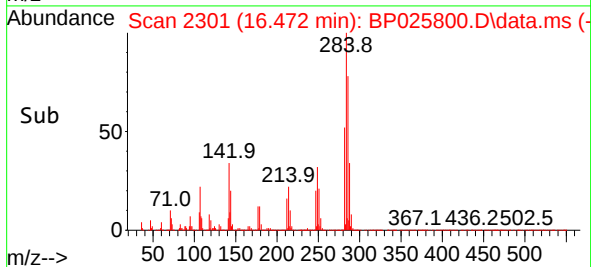
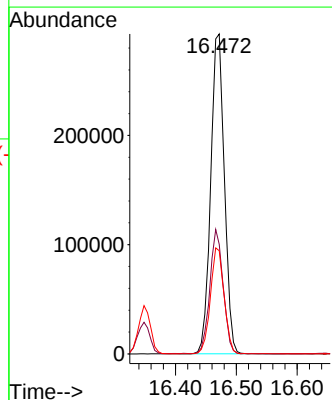
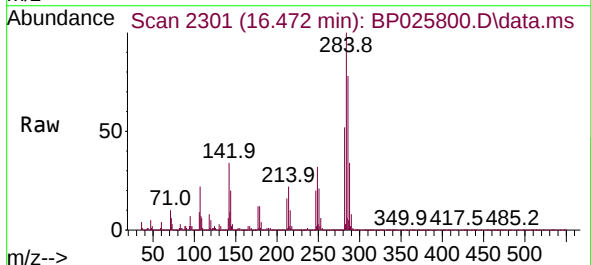
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

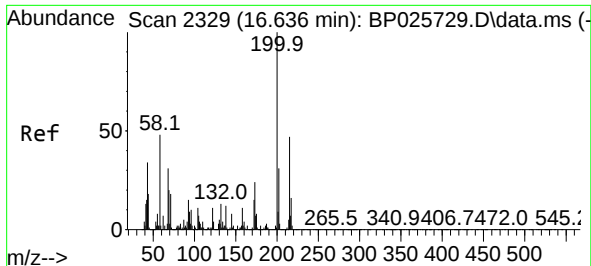
Tgt Ion:248 Resp: 411211
Ion Ratio Lower Upper
248 100
250 98.3 77.5 116.3
141 80.1 60.2 90.4



#68
Hexachlorobenzene
Concen: 52.443 ng
RT: 16.472 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:284 Resp: 457061
Ion Ratio Lower Upper
284 100
142 34.2 31.3 46.9
249 32.2 27.3 40.9

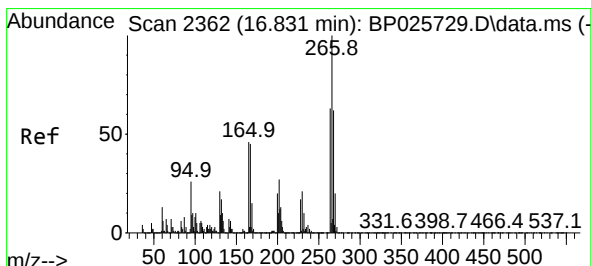
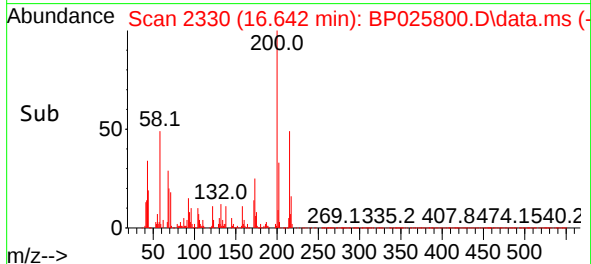
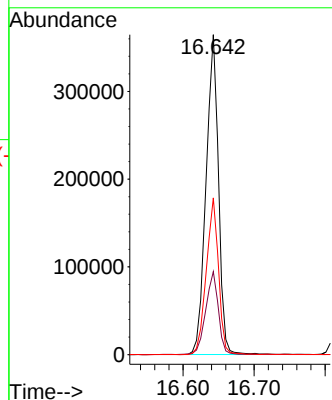
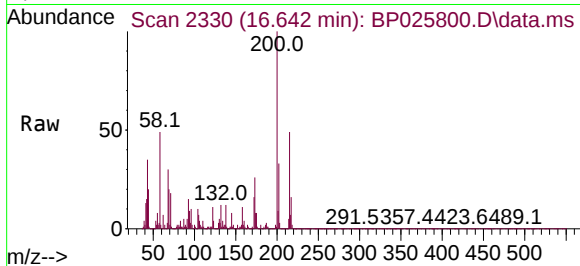




#69
 Atrazine
 Concen: 53.184 ng
 RT: 16.642 min Scan# 2330
 Delta R.T. 0.006 min
 Lab File: BP025800.D
 Acq: 19 Sep 2025 15:47

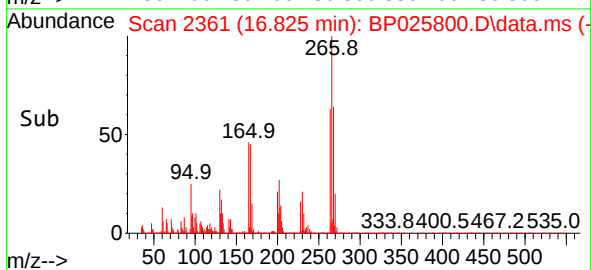
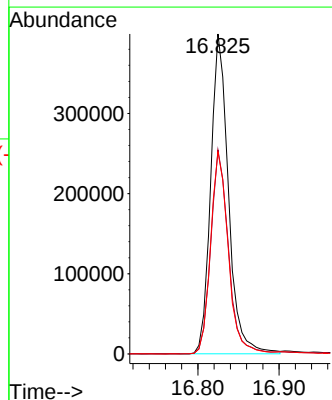
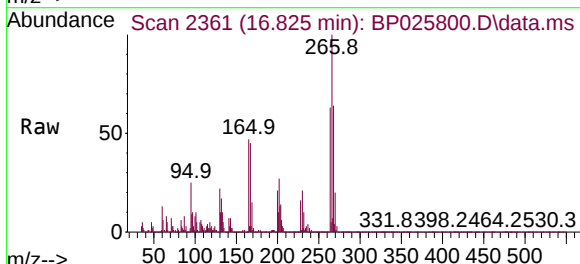
Instrument :
 BNA_P
 ClientSampleId :
 7211986-357MSD

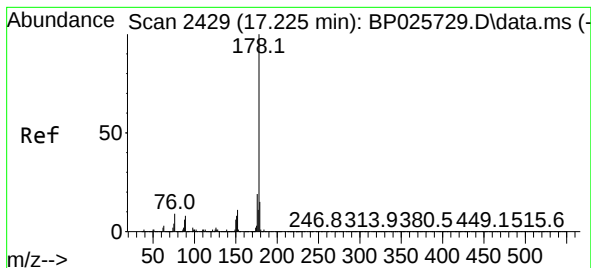
Tgt Ion:200 Resp: 442580
 Ion Ratio Lower Upper
 200 100
 173 25.9 4.2 44.2
 215 49.0 27.3 67.3



#70
 Pentachlorophenol
 Concen: 105.581 ng
 RT: 16.825 min Scan# 2361
 Delta R.T. -0.006 min
 Lab File: BP025800.D
 Acq: 19 Sep 2025 15:47

Tgt Ion:266 Resp: 607313
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.8 74.8
 264 63.2 50.2 75.2





#71

Phenanthrene

Concen: 52.689 ng

RT: 17.225 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

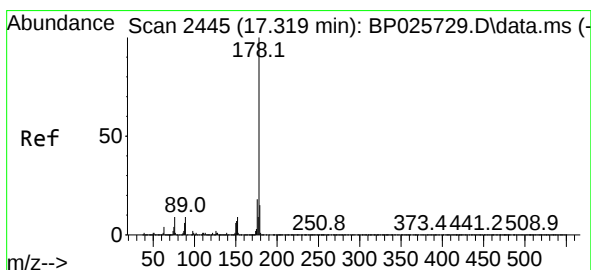
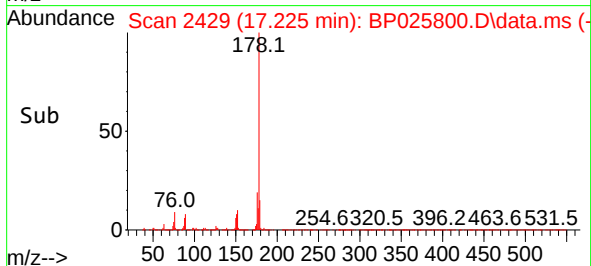
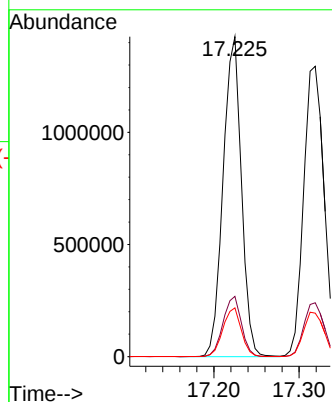
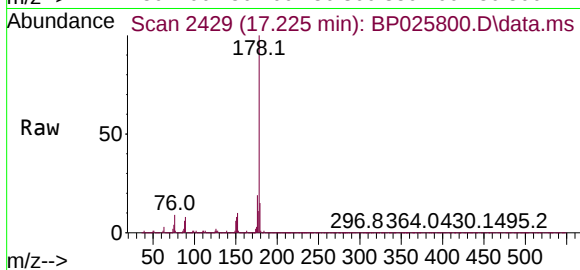
Tgt Ion:178 Resp: 2126212

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 52.682 ng

RT: 17.319 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

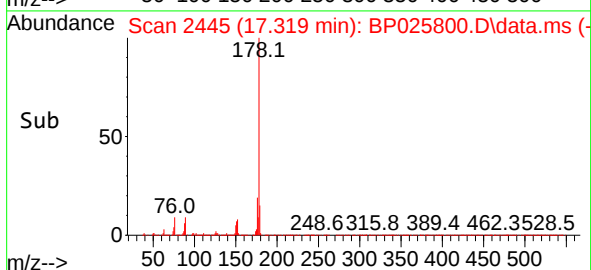
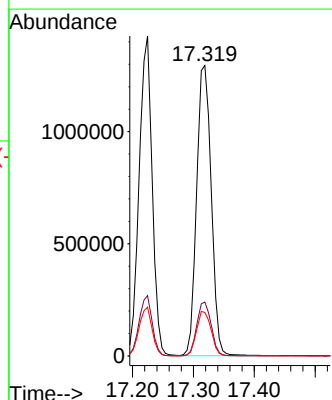
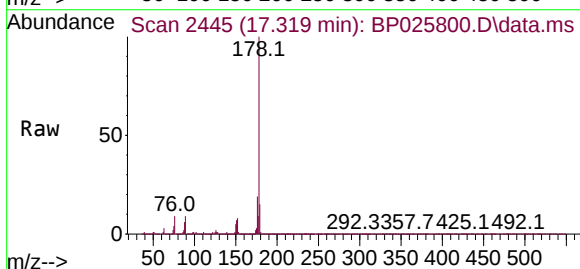
Tgt Ion:178 Resp: 2157053

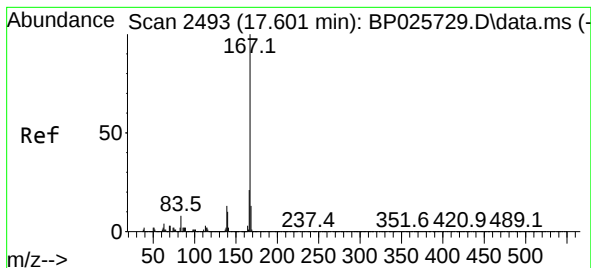
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.0 12.2 18.4





#73

Carbazole

Concen: 53.034 ng

RT: 17.601 min Scan# 2493

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

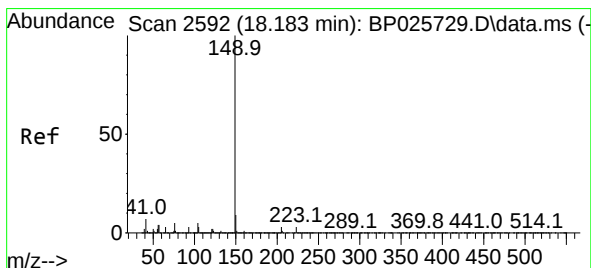
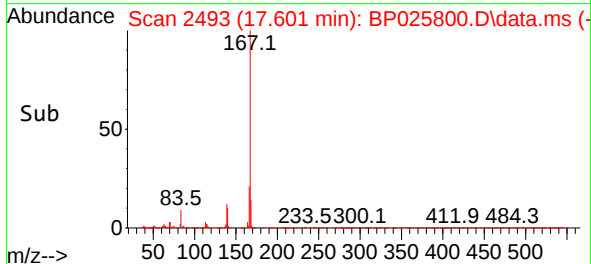
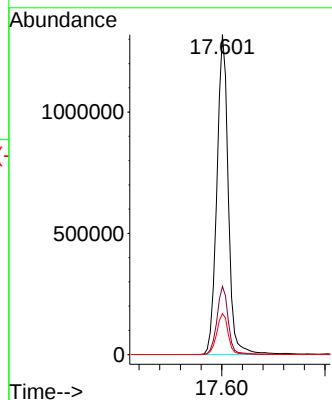
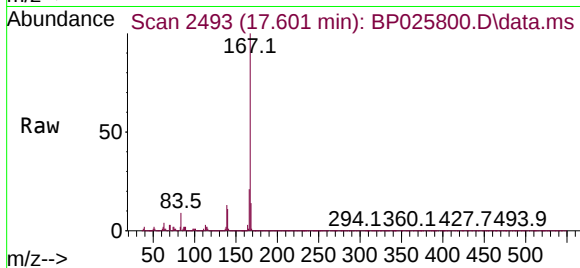
Tgt Ion:167 Resp: 2018789

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 12.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 54.140 ng

RT: 18.183 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

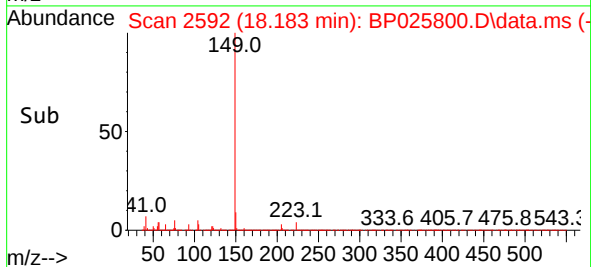
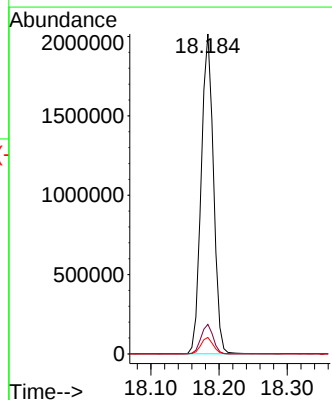
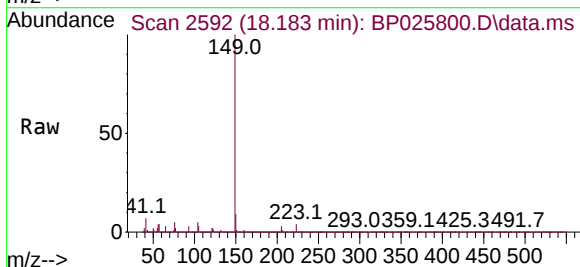
Tgt Ion:149 Resp: 2529100

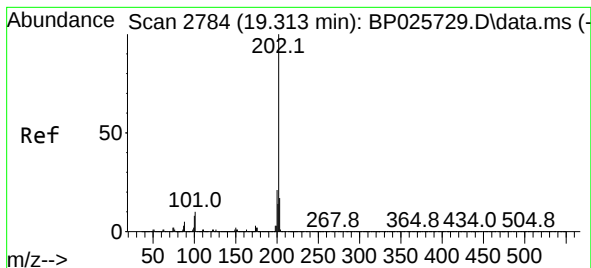
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 51.699 ng

RT: 19.313 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

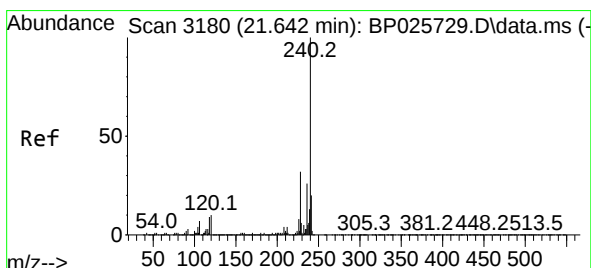
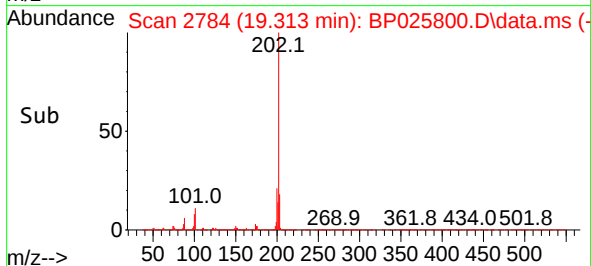
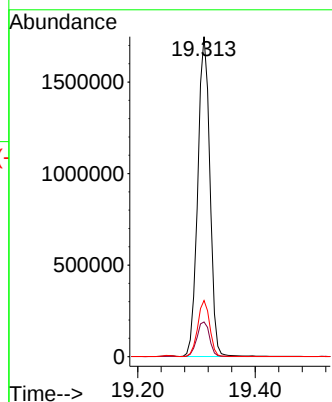
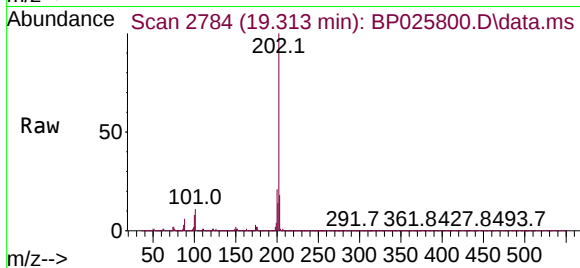
Tgt Ion:202 Resp: 2502089

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.4

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

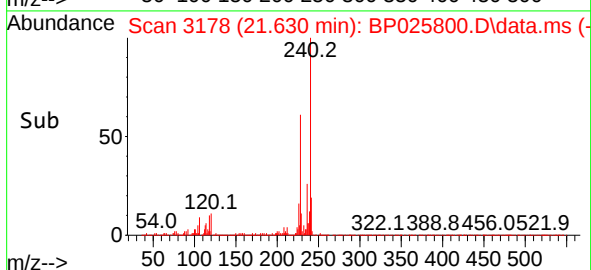
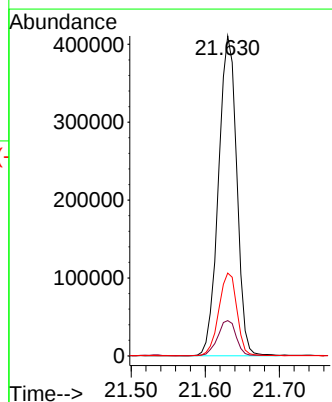
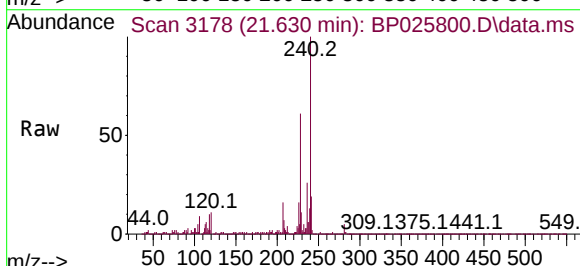
Tgt Ion:240 Resp: 704316

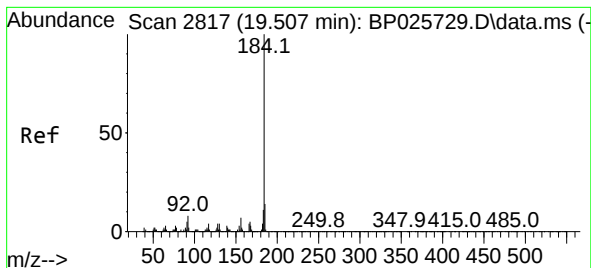
Ion Ratio Lower Upper

240 100

120 11.0 8.0 12.0

236 25.9 20.7 31.1





#77

Benzidine

Concen: 10.439 ng

RT: 19.519 min Scan# 2819

Delta R.T. 0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

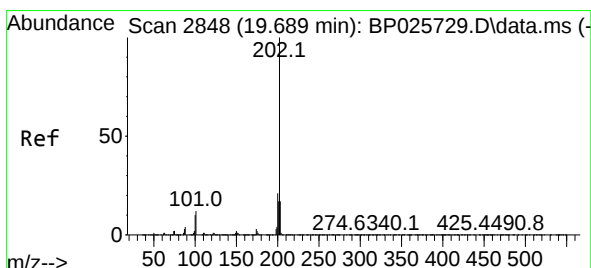
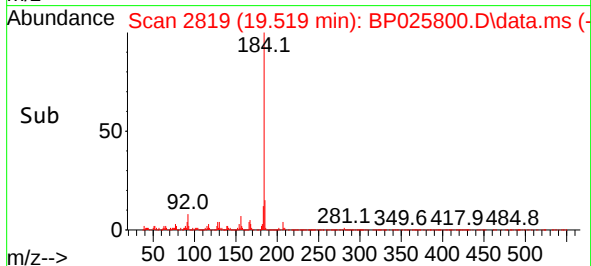
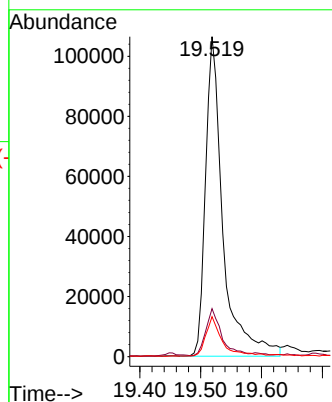
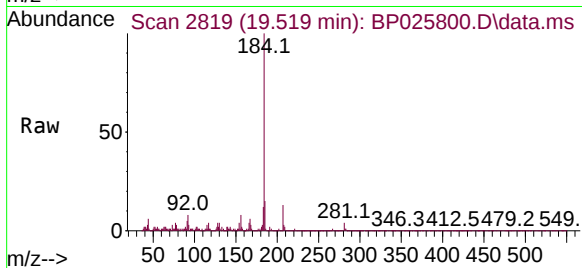
Tgt Ion:184 Resp: 211782

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

183 12.5 9.2 13.8



#78

Pyrene

Concen: 55.138 ng

RT: 19.689 min Scan# 2848

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

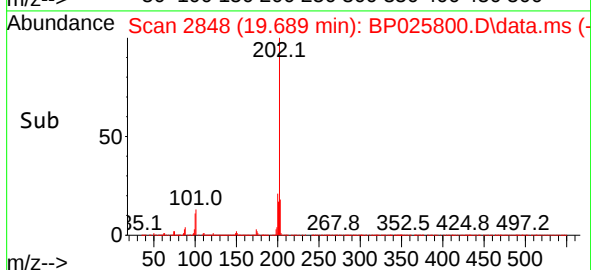
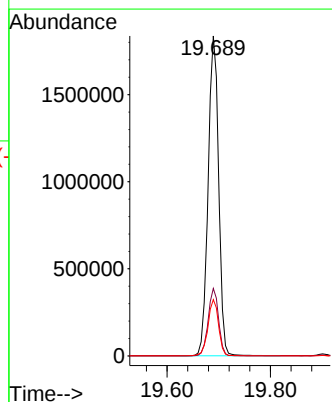
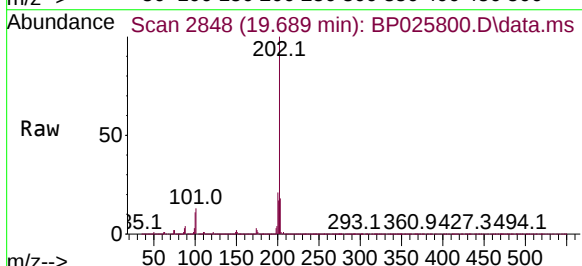
Tgt Ion:202 Resp: 2591222

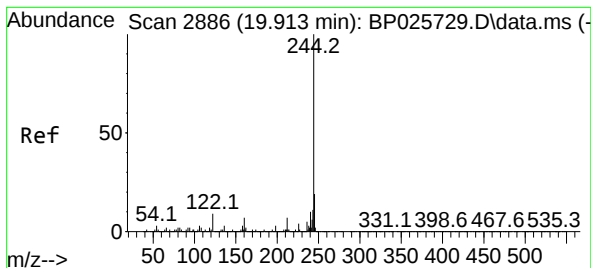
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 89.410 ng

RT: 19.901 min Scan# 2886

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

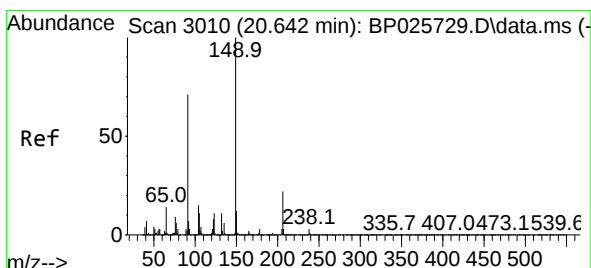
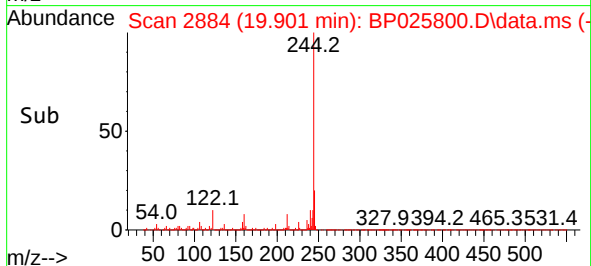
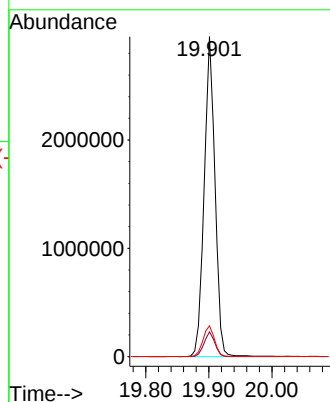
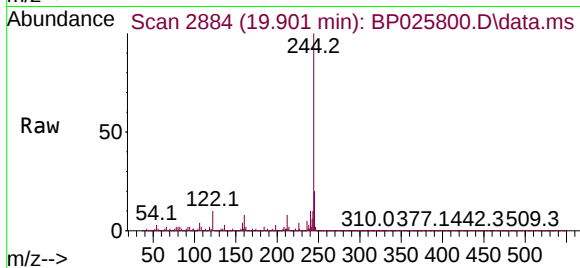
Tgt Ion:244 Resp: 3500448

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 9.6 7.1 10.7



#80

Butylbenzylphthalate

Concen: 57.054 ng

RT: 20.630 min Scan# 3008

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

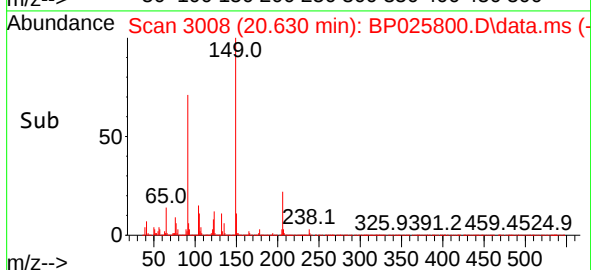
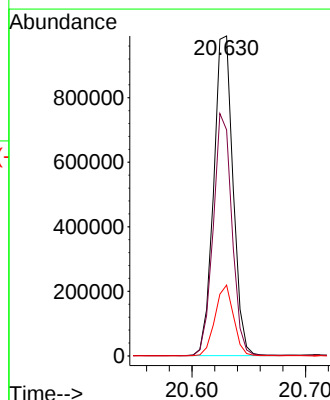
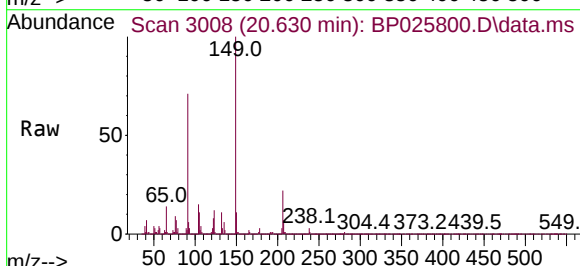
Tgt Ion:149 Resp: 1175638

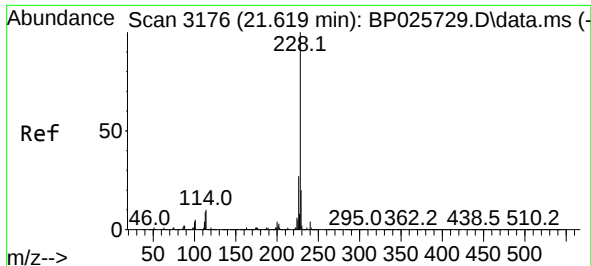
Ion Ratio Lower Upper

149 100

91 70.6 56.6 85.0

206 22.1 17.4 26.0

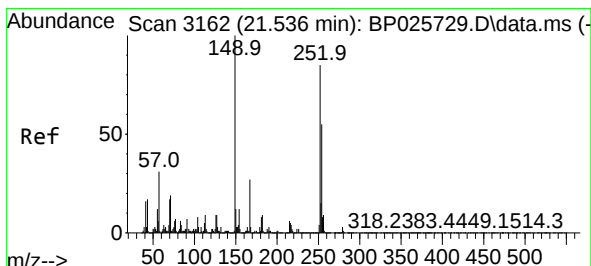
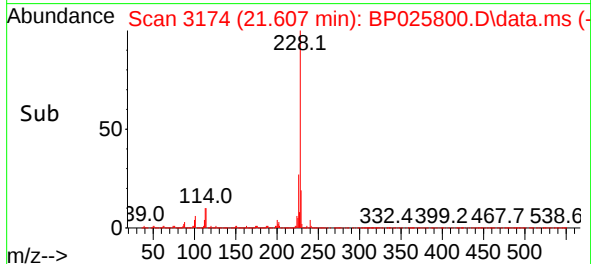
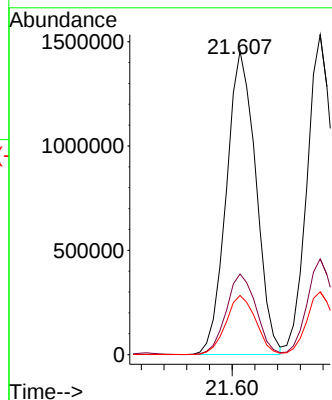
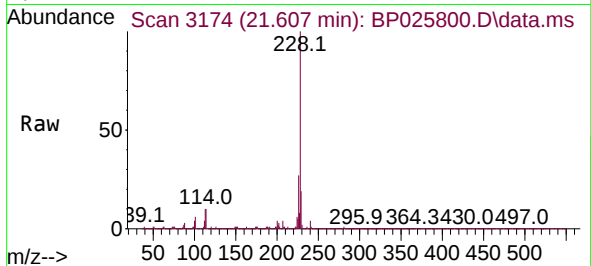




#81
Benzo(a)anthracene
Concen: 54.457 ng
RT: 21.607 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

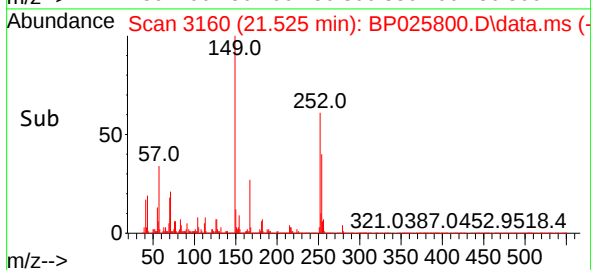
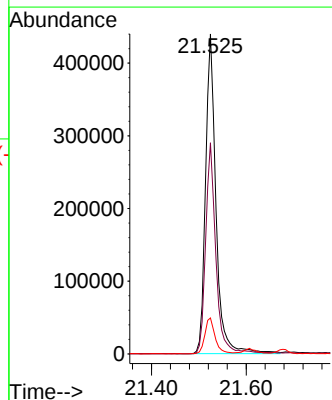
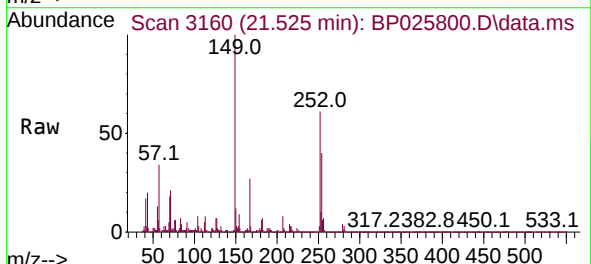
Instrument :
BNA_P
ClientSampleId :
7211986-357MSD

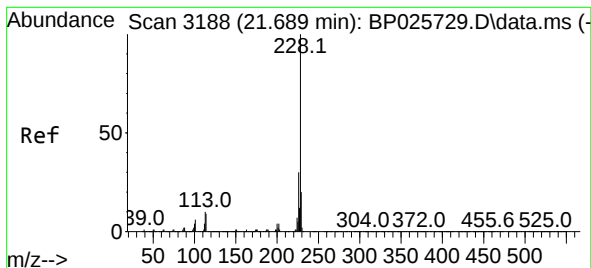
Tgt Ion:228 Resp: 2625833
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 40.461 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025800.D
Acq: 19 Sep 2025 15:47

Tgt Ion:252 Resp: 674590
Ion Ratio Lower Upper
252 100
254 66.0 51.4 77.0
126 11.2 8.3 12.5





#83

Chrysene

Concen: 53.615 ng

RT: 21.677 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

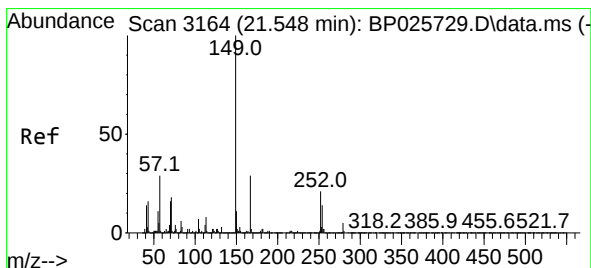
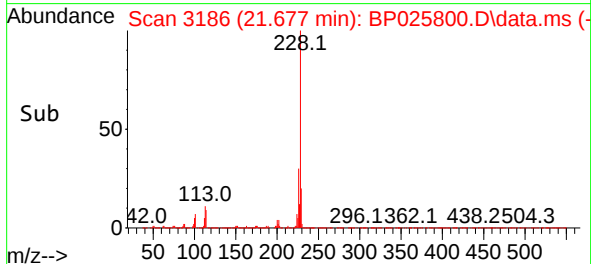
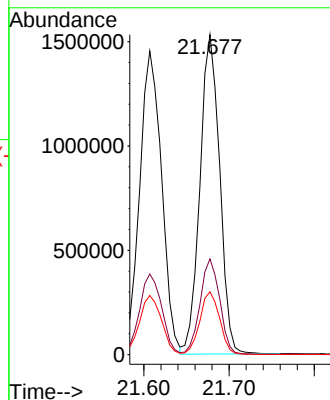
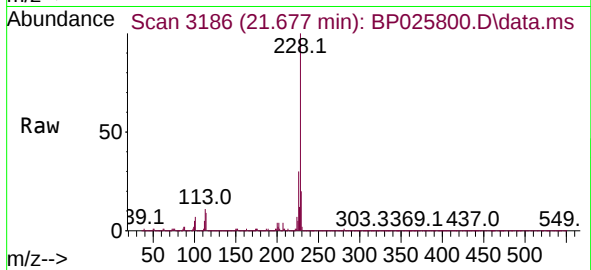
Tgt Ion:228 Resp: 2464407

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.125 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

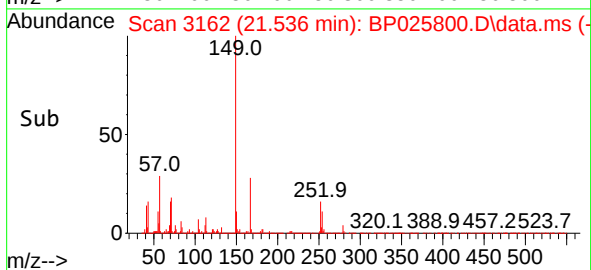
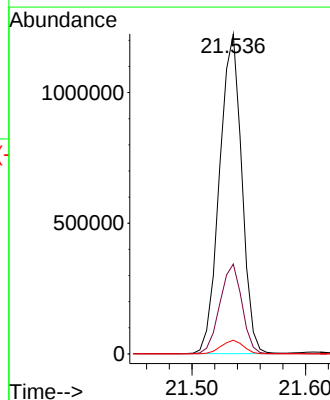
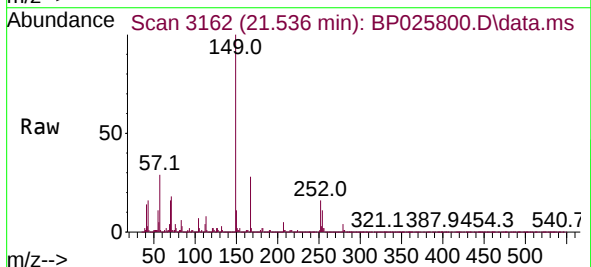
Tgt Ion:149 Resp: 1661865

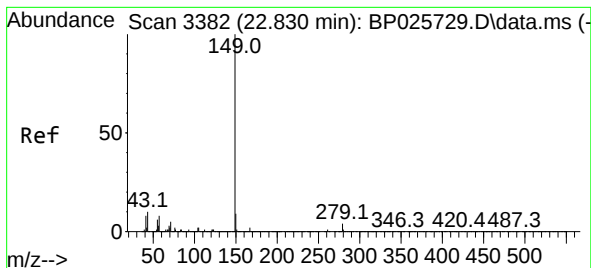
Ion Ratio Lower Upper

149 100

167 28.1 22.9 34.3

279 4.3 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 56.101 ng

RT: 22.813 min Scan# 3382

Delta R.T. -0.018 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

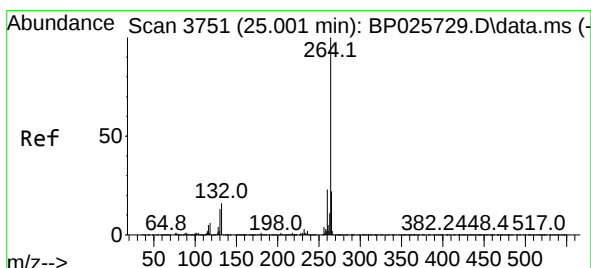
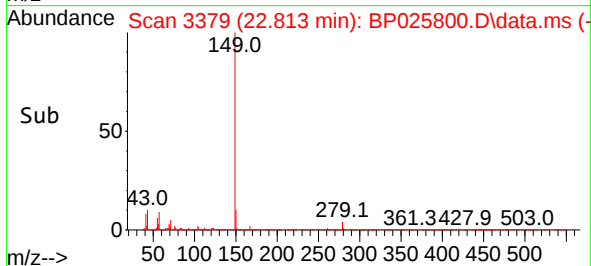
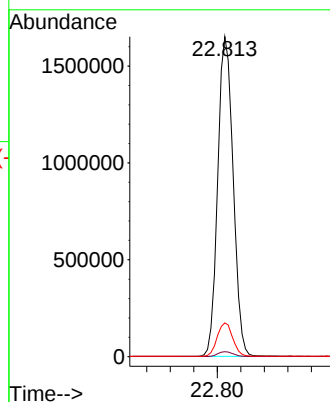
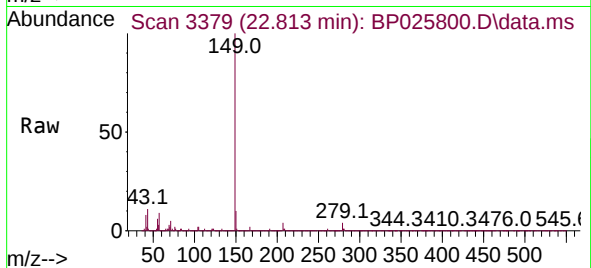
Tgt Ion:149 Resp: 3008454

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.006 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

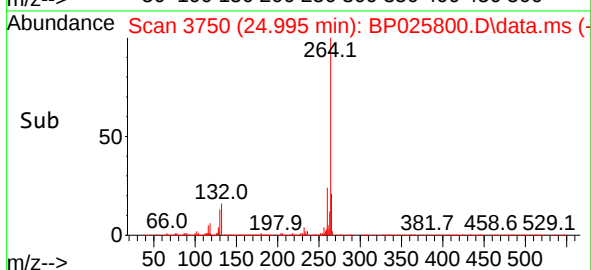
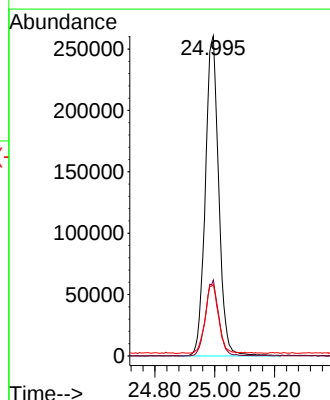
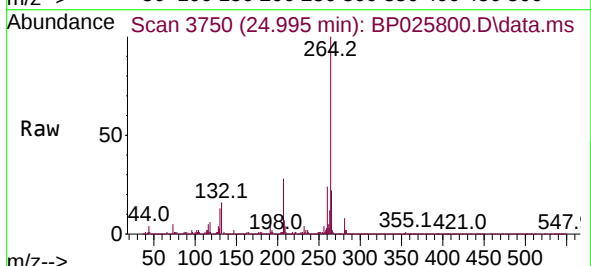
Tgt Ion:264 Resp: 810268

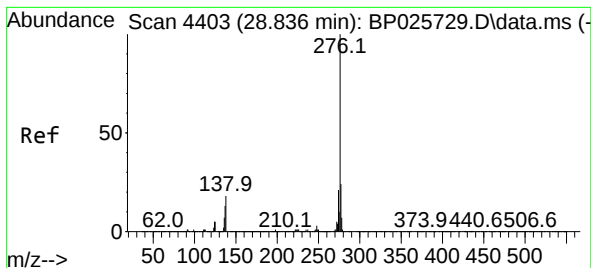
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 22.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.623 ng

RT: 28.836 min Scan# 4403

Delta R.T. 0.000 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

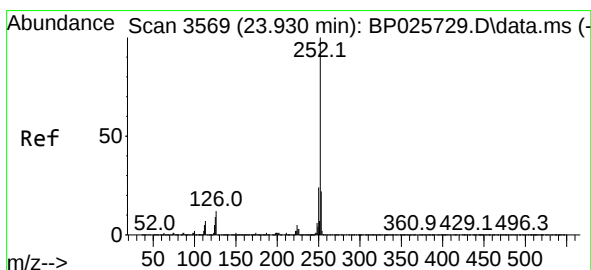
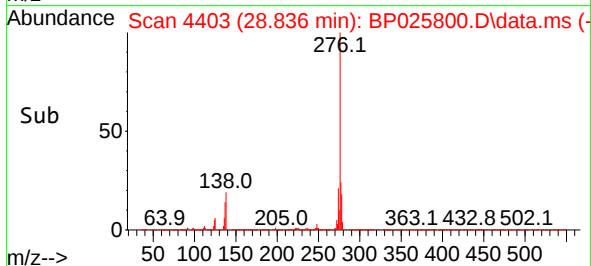
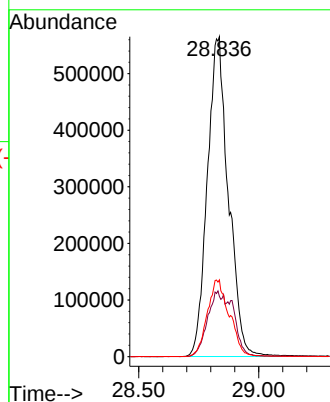
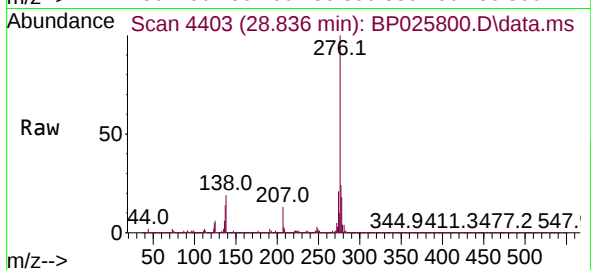
Tgt Ion:276 Resp: 3454306

Ion Ratio Lower Upper

276 100

138 16.8 13.4 20.2

277 25.1 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 54.769 ng

RT: 23.919 min Scan# 3567

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

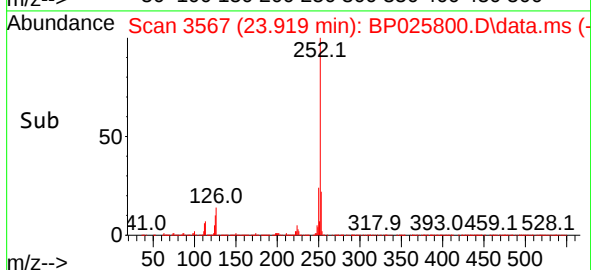
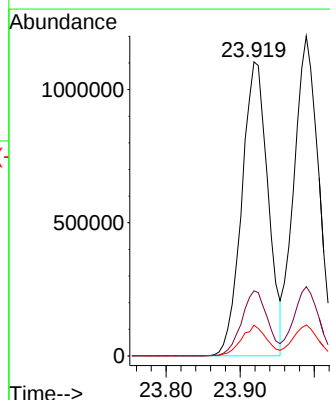
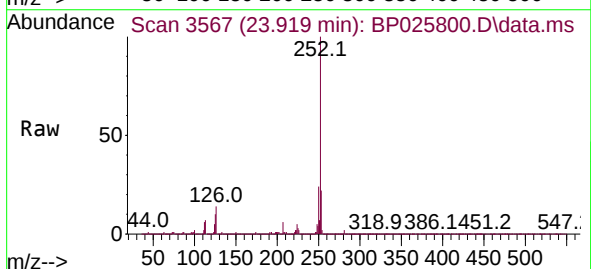
Tgt Ion:252 Resp: 2713795

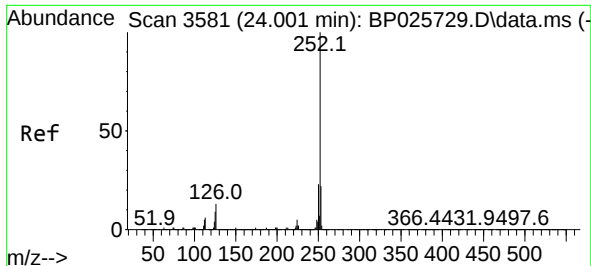
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 10.4 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 55.136 ng

RT: 23.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

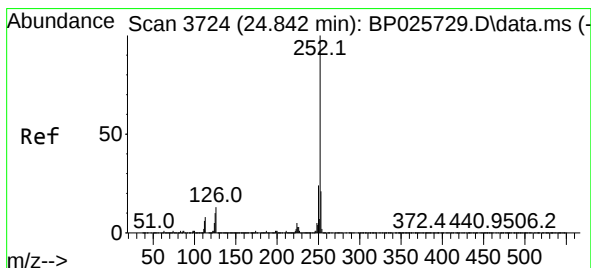
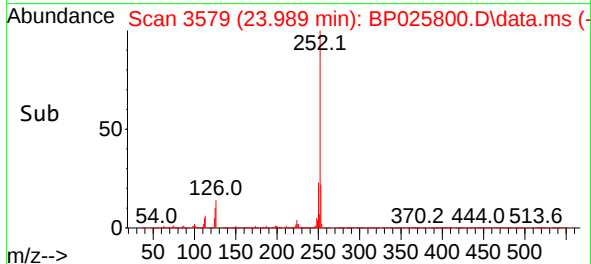
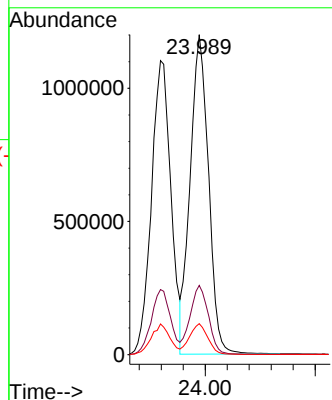
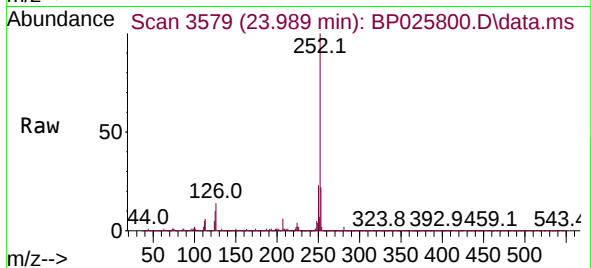
Tgt Ion:252 Resp: 2787791

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.7 7.5 11.3



#90

Benzo(a)pyrene

Concen: 55.173 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.018 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

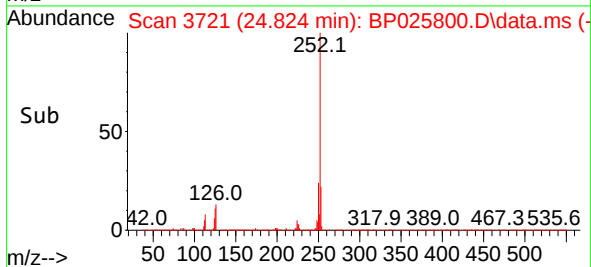
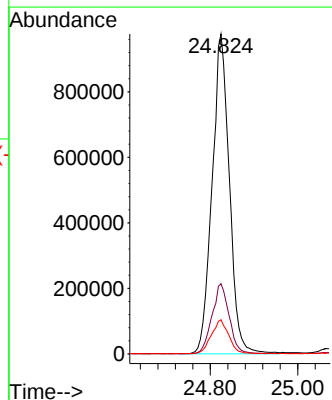
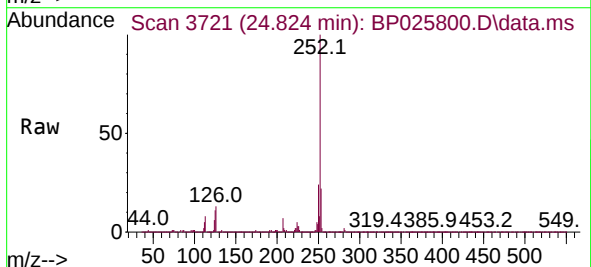
Tgt Ion:252 Resp: 2677194

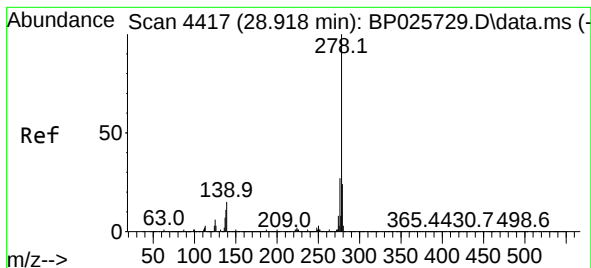
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 58.298 ng

RT: 28.889 min Scan# 4417

Delta R.T. -0.029 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Instrument :

BNA_P

ClientSampleId :

7211986-357MSD

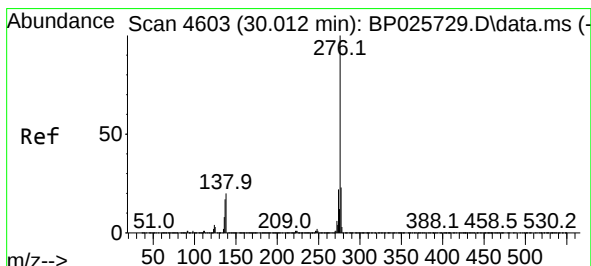
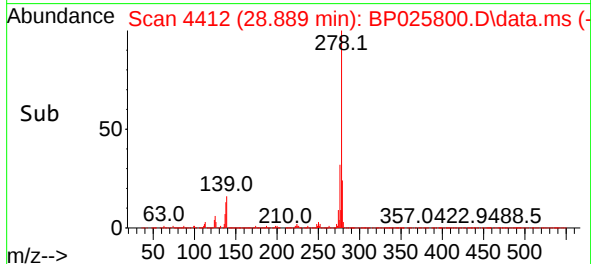
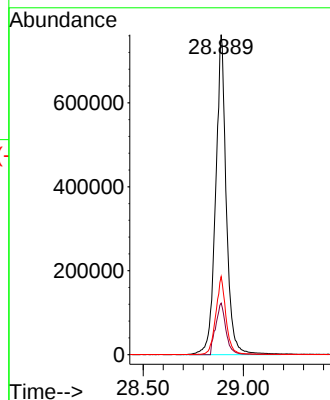
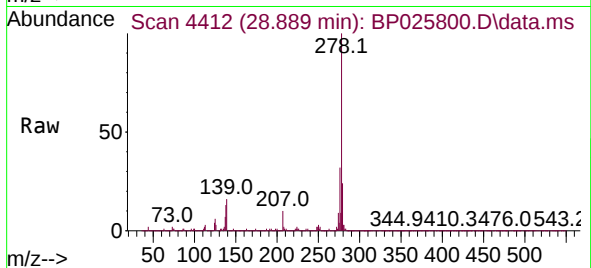
Tgt Ion:278 Resp: 2811099

Ion Ratio Lower Upper

278 100

139 16.1 12.1 18.1

279 24.4 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 59.542 ng

RT: 30.001 min Scan# 4601

Delta R.T. -0.012 min

Lab File: BP025800.D

Acq: 19 Sep 2025 15:47

Tgt Ion:276 Resp: 2823505

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 20.5 16.0 24.0

