

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025805.D
 Acq On : 19 Sep 2025 19:14
 Operator : CG/JU
 Sample : Q3133-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-222MS

Quant Time: Sep 19 23:28:57 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	7.749	152	194539	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	763463	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	482031	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	929197	20.000	ng	-0.01
76) Chrysene-d12	21.624	240	917235	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1063473	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1083666	89.882	ng	0.00
7) Phenol-d6	6.960	99	1461535	91.201	ng	0.01
23) Nitrobenzene-d5	8.890	82	890503	51.451	ng	-0.01
42) 2,4,6-Tribromophenol	15.889	330	520039	86.495	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	1832172	50.610	ng	-0.01
79) Terphenyl-d14	19.907	244	2589965	50.797	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	201294	39.780	ng	98
3) Pyridine	3.702	79	546286	39.206	ng	98
4) n-Nitrosodimethylamine	3.608	42	291546	44.343	ng	95
6) Aniline	7.090	93	526979	23.955	ng	99
8) 2-Chlorophenol	7.331	128	645455	48.800	ng	99
9) Benzaldehyde	6.902	77	389742	40.576	ng	99
10) Phenol	6.984	94	826246	48.897	ng	97
11) bis(2-Chloroethyl)ether	7.178	93	616545	45.414	ng	97
12) 1,3-Dichlorobenzene	7.637	146	680726	45.221	ng	98
13) 1,4-Dichlorobenzene	7.784	146	695642	45.366	ng	98
14) 1,2-Dichlorobenzene	8.096	146	674829	45.301	ng	99
15) Benzyl Alcohol	7.990	79	598041	45.162	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.260	45	965574	43.491	ng	98
17) 2-Methylphenol	8.213	107	542531	47.621	ng	98
18) Hexachloroethane	8.813	117	263036	44.909	ng	97
19) n-Nitroso-di-n-propyla...	8.543	70	479337	42.885	ng	99
20) 3+4-Methylphenols	8.537	107	720298	45.145	ng	94
22) Acetophenone	8.560	105	1036439	50.799	ng	99
24) Nitrobenzene	8.937	77	727505	46.855	ng	99
25) Isophorone	9.460	82	1343054	44.148	ng	100
26) 2-Nitrophenol	9.637	139	345085	50.058	ng	95
27) 2,4-Dimethylphenol	9.713	122	594453	49.154	ng	97
28) bis(2-Chloroethoxy)met...	9.925	93	802943	45.661	ng	97
29) 2,4-Dichlorophenol	10.195	162	609167	50.519	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	634818	46.714	ng	100
31) Naphthalene	10.560	128	1893993	46.008	ng	99
32) Benzoic acid	9.913	122	509470	56.661	ng	97
33) 4-Chloroaniline	10.678	127	347601	20.258	ng	99
34) Hexachlorobutadiene	10.843	225	405867	46.395	ng	99
35) Caprolactam	11.478	113	198965	42.805	ng	97
36) 4-Chloro-3-methylphenol	11.837	107	666634	46.371	ng	99
37) 2-Methylnaphthalene	12.172	142	1223000	46.255	ng	99
38) 1-Methylnaphthalene	12.395	142	1254102	44.479	ng	99
40) 1,2,4,5-Tetrachloroben...	12.542	216	799897	54.762	ng	99
41) Hexachlorocyclopentadiene	12.525	237	363482	45.690	ng	97
43) 2,4,6-Trichlorophenol	12.795	196	483611	50.363	ng	99

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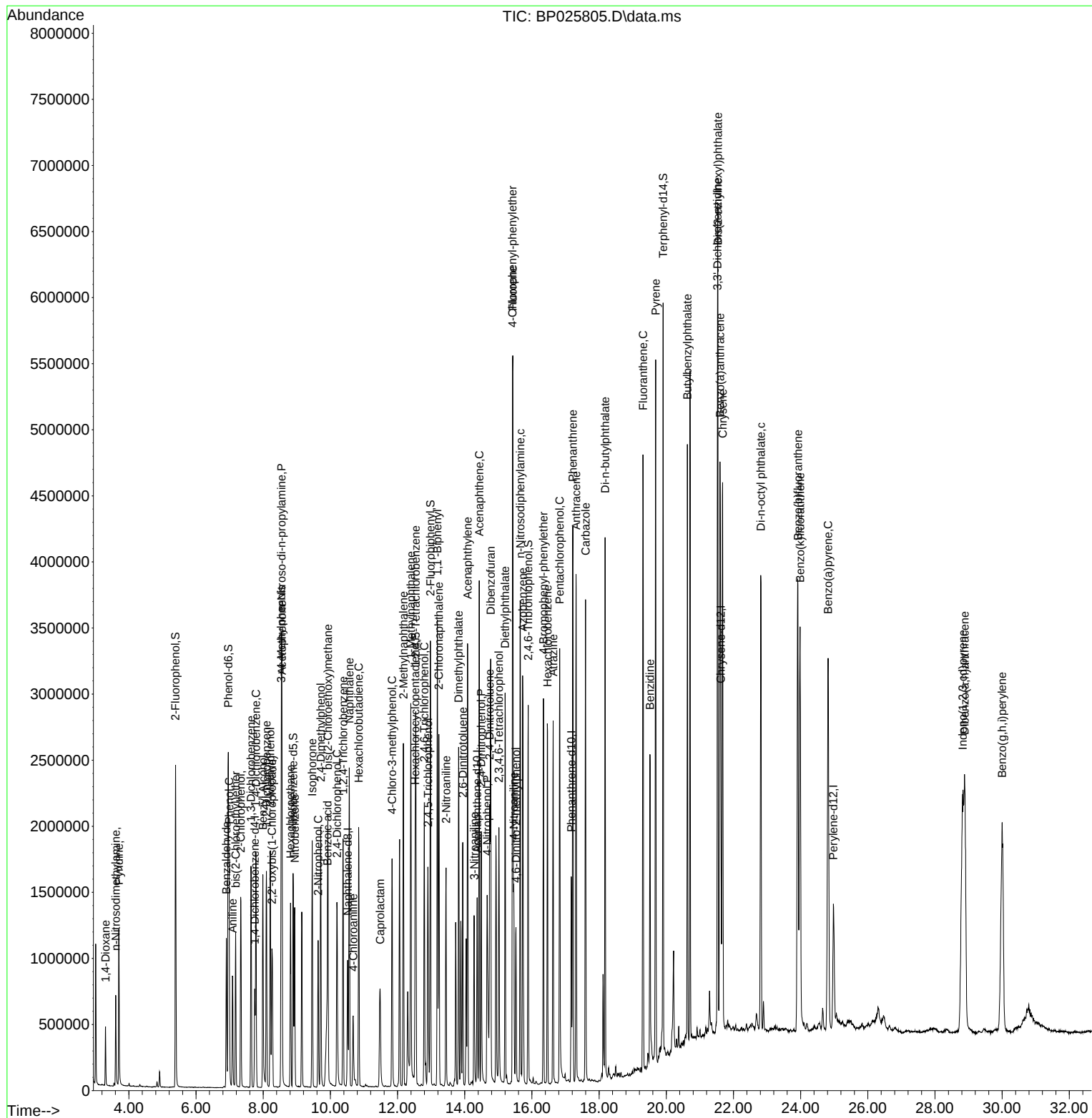
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44) 2,4,5-Trichlorophenol	12.907	196	533428	49.914	ng	97
46) 1,1'-Biphenyl	13.184	154	1883091	53.223	ng	99
47) 2-Chloronaphthalene	13.231	162	1334360	47.897	ng	100
48) 2-Nitroaniline	13.442	65	447442	48.181	ng	96
49) Acenaphthylene	14.084	152	2206911	47.810	ng	100
50) Dimethylphthalate	13.819	163	1648211	44.787	ng	100
51) 2,6-Dinitrotoluene	13.942	165	368055	47.205	ng	98
52) Acenaphthene	14.431	154	1223687	45.969	ng	100
53) 3-Nitroaniline	14.284	138	341269	41.623	ng	97
54) 2,4-Dinitrophenol	14.489	184	435618	85.573	ng	99
55) Dibenzofuran	14.772	168	1971415	45.439	ng	100
56) 4-Nitrophenol	14.672	139	531497	75.539	ng	95
57) 2,4-Dinitrotoluene	14.742	165	518718	46.747	ng	97
58) Fluorene	15.431	166	1559516	45.204	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	438923	45.593	ng	98
60) Diethylphthalate	15.201	149	1672751	44.810	ng	100
61) 4-Chlorophenyl-phenyle...	15.425	204	789589	45.413	ng	96
62) 4-Nitroaniline	15.460	138	387221	46.099	ng	99
63) Azobenzene	15.725	77	1788796	49.558	ng	99
65) 4,6-Dinitro-2-methylph...	15.525	198	296883	48.043	ng	95
66) n-Nitrosodiphenylamine	15.654	169	1400663	49.257	ng	99
67) 4-Bromophenyl-phenylether	16.342	248	497652	48.751	ng	98
68) Hexachlorobenzene	16.466	284	553401	48.613	ng	93
69) Atrazine	16.630	200	511623	47.070	ng	98
70) Pentachlorophenol	16.825	266	660135	87.863	ng	100
71) Phenanthrene	17.219	178	2592038	49.176	ng	100
72) Anthracene	17.313	178	2573700	48.124	ng	99
73) Carbazole	17.595	167	2379857	47.864	ng	100
74) Di-n-butylphthalate	18.177	149	2846787	46.656	ng	99
75) Fluoranthene	19.307	202	3296354	52.145	ng	99
77) Benzidine	19.513	184	1593132	60.297	ng	100
78) Pyrene	19.683	202	3341850	54.603	ng	99
80) Butylbenzylphthalate	20.630	149	1365150	50.872	ng	100
81) Benzo(a)anthracene	21.601	228	3185736	50.732	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	996363	45.888	ng	99
83) Chrysene	21.677	228	2990977	49.966	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1863931	47.476	ng	100
85) Di-n-octyl phthalate	22.812	149	3388228	48.516	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	4013404	51.894	ng	# 77
88) Benzo(b)fluoranthene	23.918	252	3377775	51.939	ng	99
89) Benzo(k)fluoranthene	23.983	252	3229002	48.657	ng	99
90) Benzo(a)pyrene	24.818	252	3250689	51.041	ng	99
91) Dibenzo(a,h)anthracene	28.883	278	3165143	50.012	ng	99
92) Benzo(g,h,i)perylene	30.000	276	3264469	52.450	ng	99

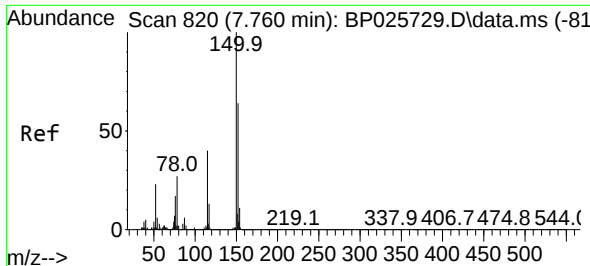
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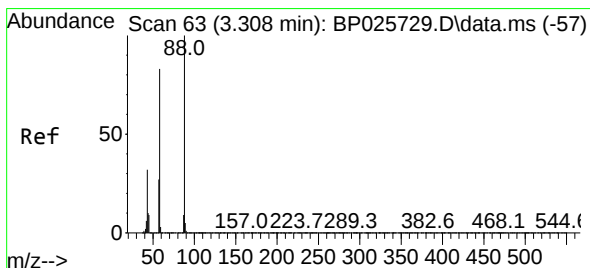
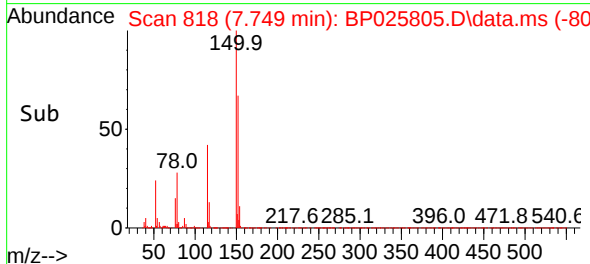
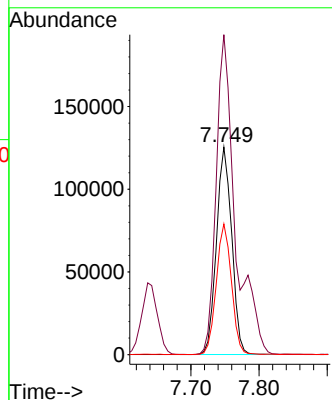
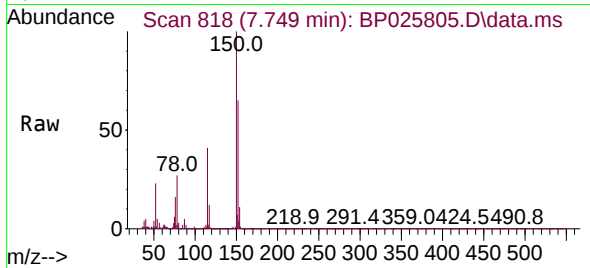




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025805.D
 Acq: 19 Sep 2025 19:14

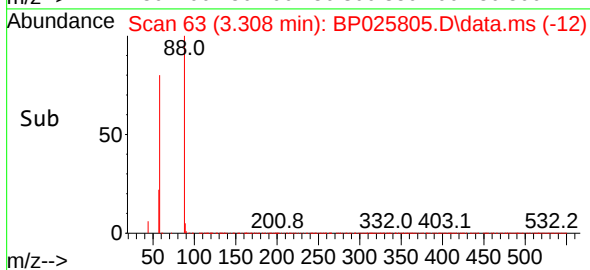
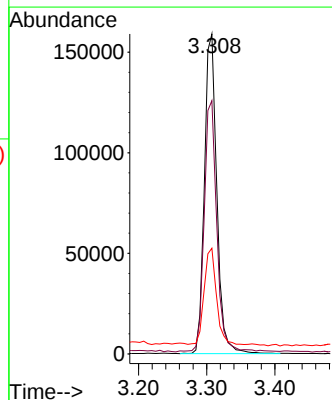
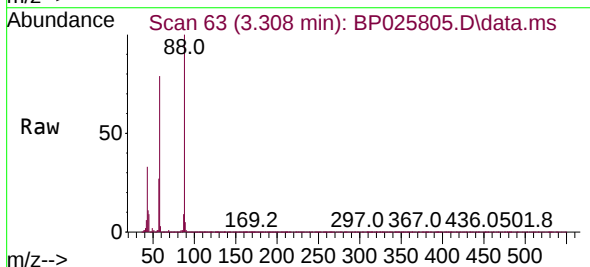
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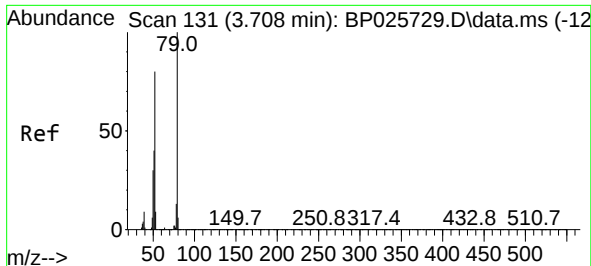
Tgt Ion:152 Resp: 194539
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.3 186.5
 115 63.0 50.3 75.5



#2
 1,4-Dioxane
 Concen: 39.780 ng
 RT: 3.308 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: BP025805.D
 Acq: 19 Sep 2025 19:14

Tgt Ion: 88 Resp: 201294
 Ion Ratio Lower Upper
 88 100
 58 80.3 65.5 98.3
 43 29.7 25.2 37.8

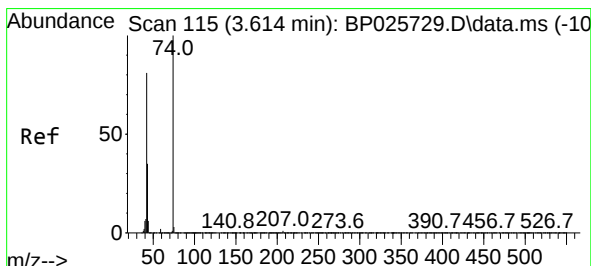
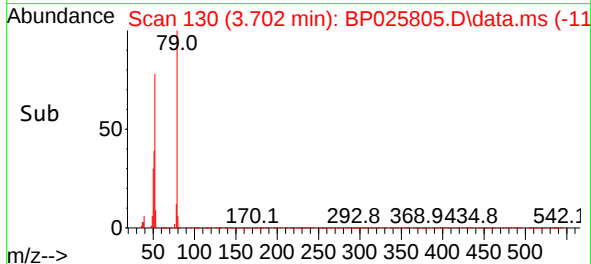
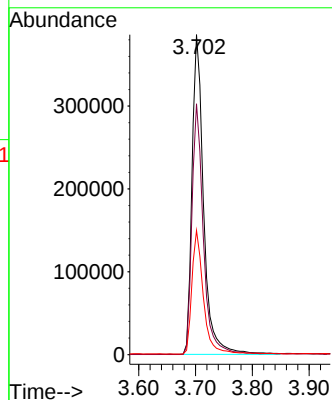
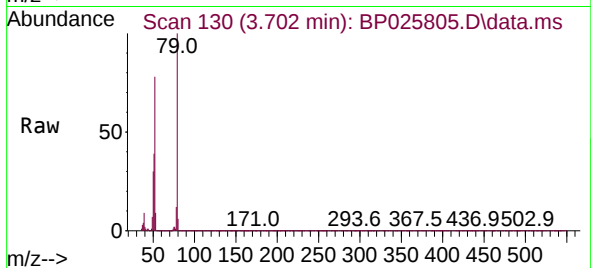




#3
Pyridine
Concen: 39.206 ng
RT: 3.702 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

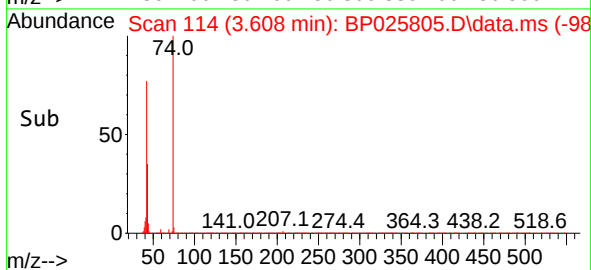
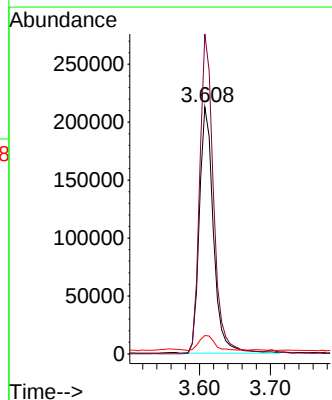
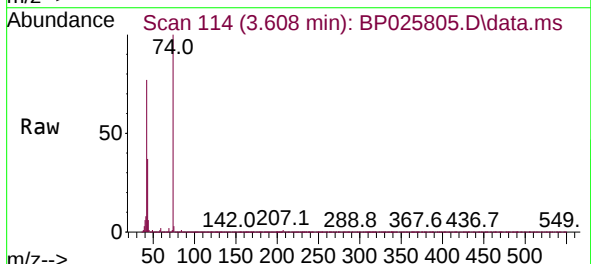
Instrument :
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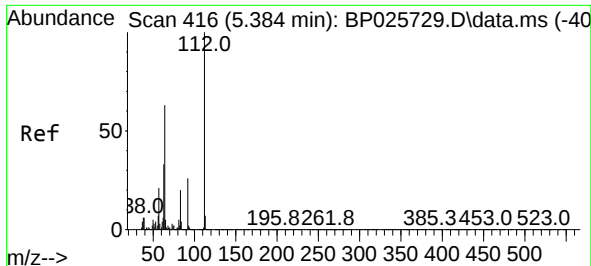
Tgt Ion: 79 Resp: 546286
Ion Ratio Lower Upper
79 100
52 78.4 63.7 95.5
51 38.8 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 44.343 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion: 42 Resp: 291546
Ion Ratio Lower Upper
42 100
74 129.6 99.2 148.8
44 7.4 6.4 9.6

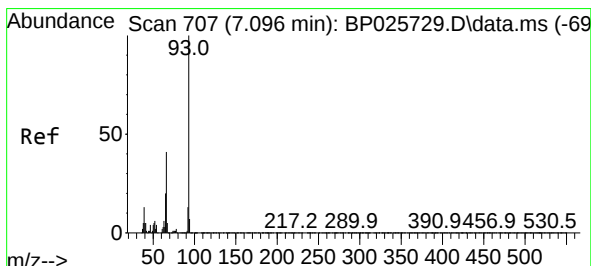
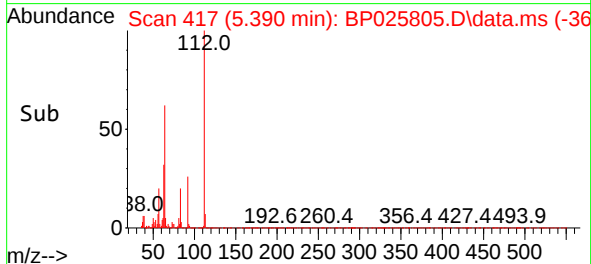
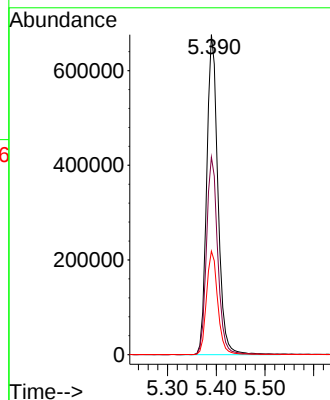
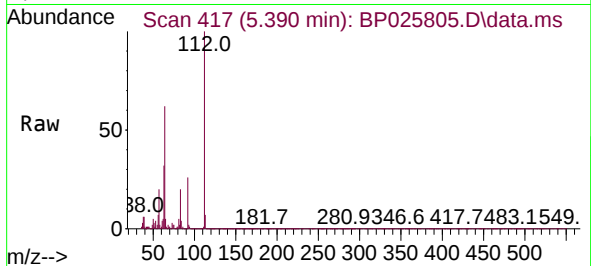




#5
2-Fluorophenol
Concen: 89.882 ng
RT: 5.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

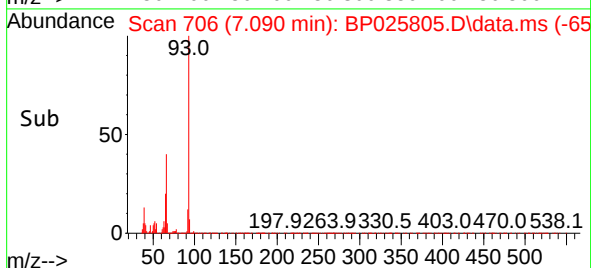
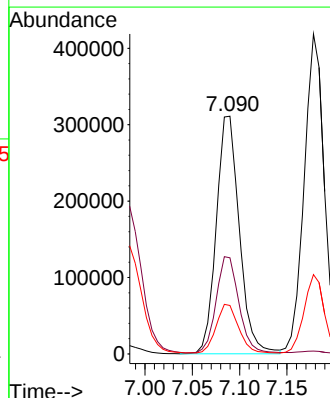
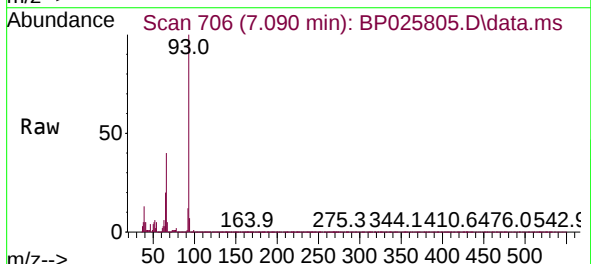
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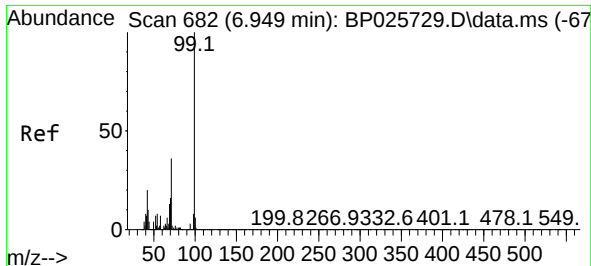
Tgt Ion:112 Resp: 1083666
Ion Ratio Lower Upper
112 100
64 61.7 50.2 75.4
63 32.3 26.7 40.1



#6
Aniline
Concen: 23.955 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion: 93 Resp: 526979
Ion Ratio Lower Upper
93 100
66 40.4 32.6 49.0
65 20.4 16.2 24.2

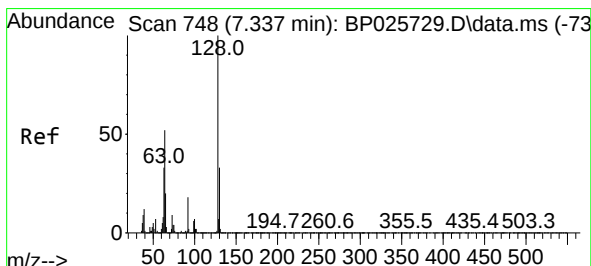
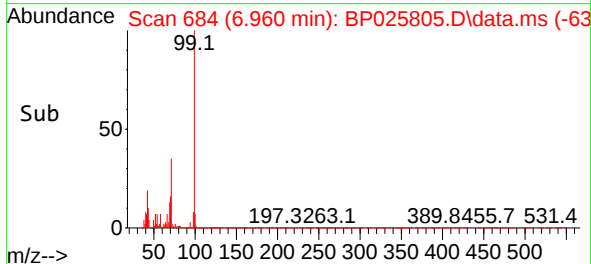
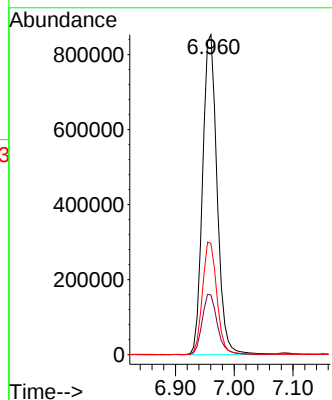
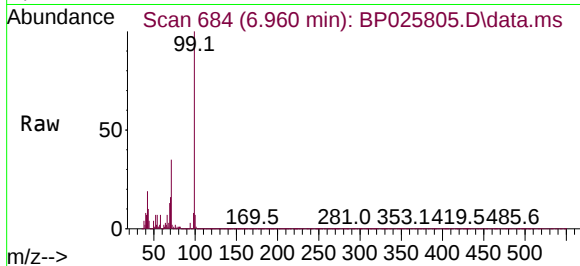




#7
Phenol-d6
Concen: 91.201 ng
RT: 6.960 min Scan# 681
Delta R.T. 0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

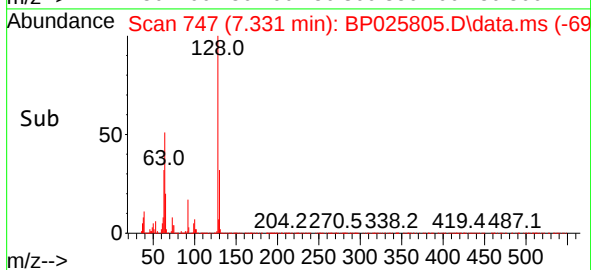
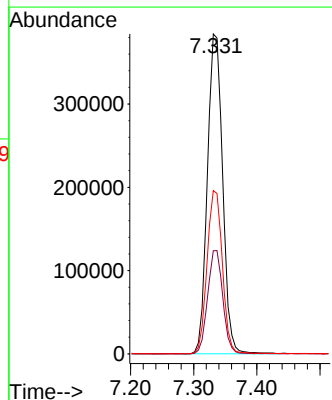
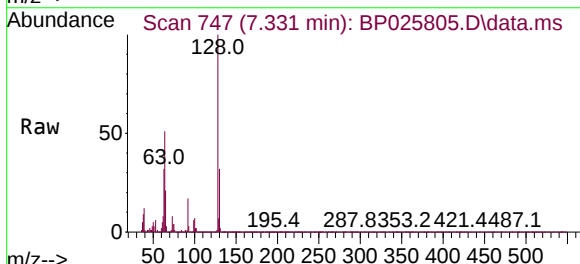
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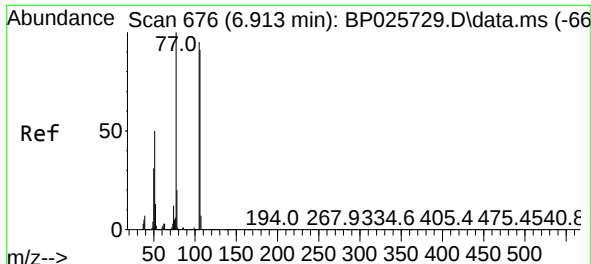
Tgt Ion: 99 Resp: 1461535
Ion Ratio Lower Upper
99 100
42 18.6 15.6 23.4
71 34.8 28.6 43.0



#8
2-Chlorophenol
Concen: 48.800 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:128 Resp: 645455
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 51.0 31.6 71.6

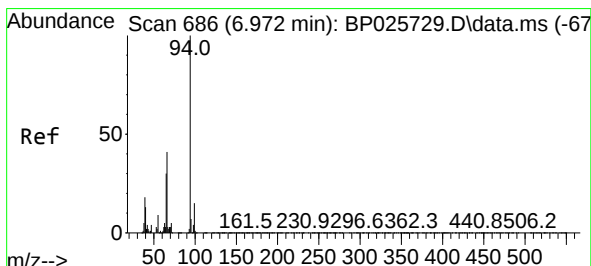
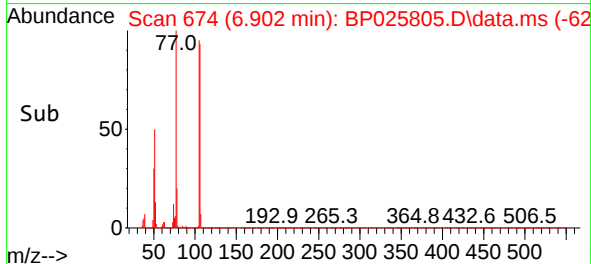
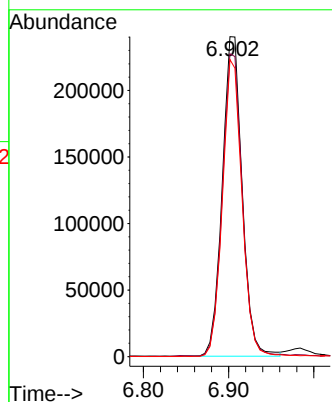
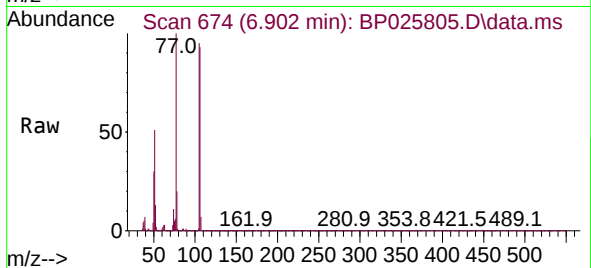




#9
Benzaldehyde
Concen: 40.576 ng
RT: 6.902 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

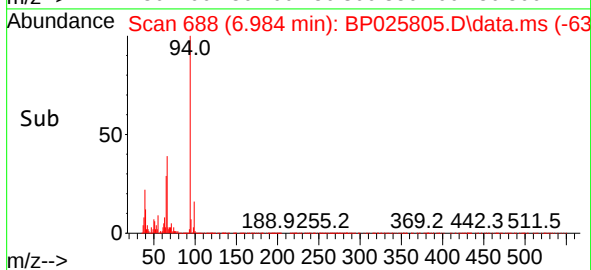
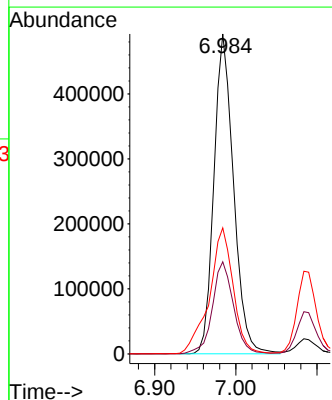
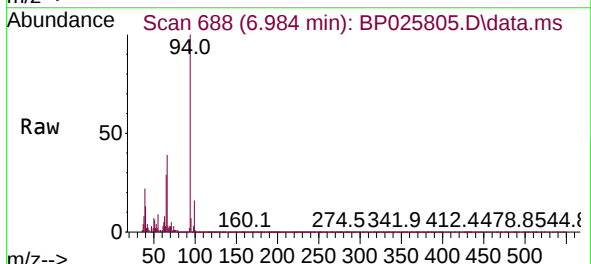
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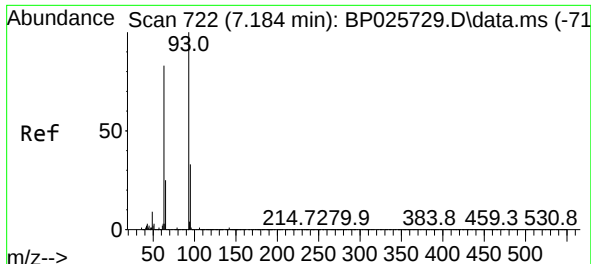
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Ion Ratio Lower Upper
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105 94.6 75.2 115.2
106 92.8 71.3 111.3



#10
Phenol
Concen: 48.897 ng
RT: 6.984 min Scan# 688
Delta R.T. 0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion: 94 Resp: 826246
Ion Ratio Lower Upper
94 100
65 28.8 10.2 50.2
66 39.4 21.4 61.4

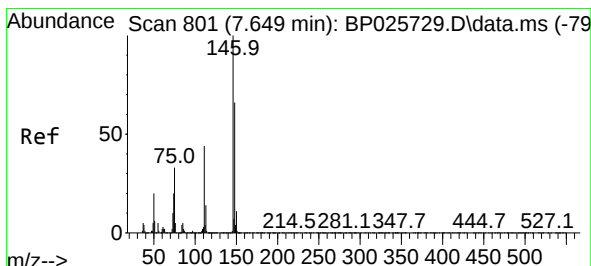
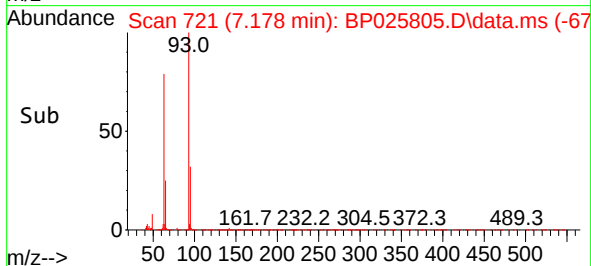
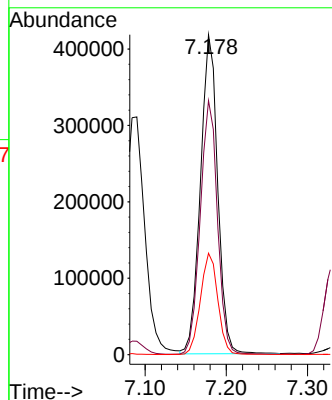
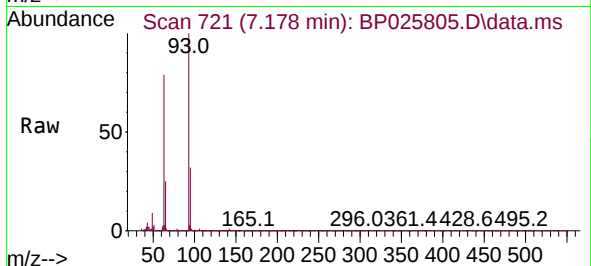




#11
bis(2-Chloroethyl)ether
Concen: 45.414 ng
RT: 7.178 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

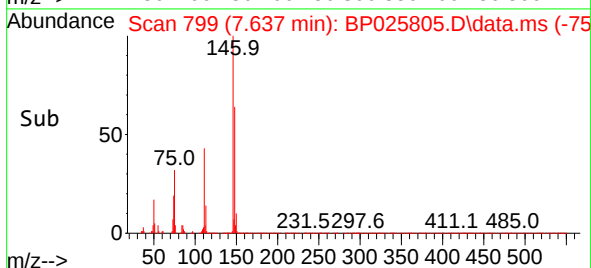
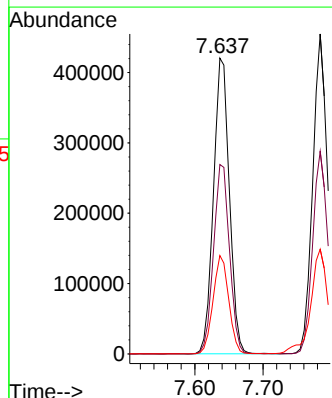
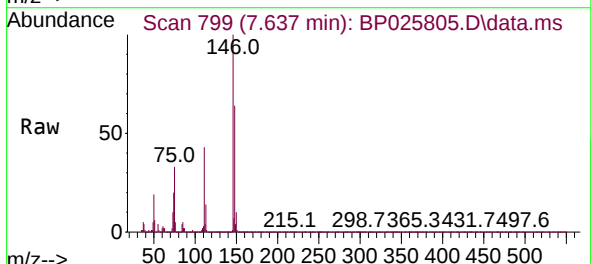
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

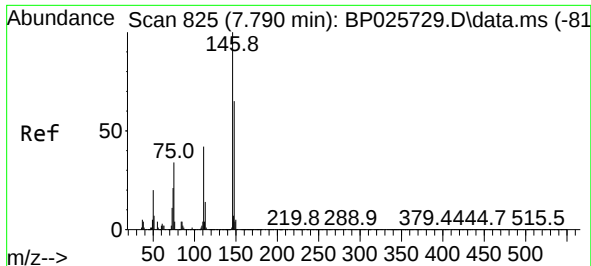
Tgt Ion: 93 Resp: 616545
Ion Ratio Lower Upper
93 100
63 79.4 62.6 102.6
95 31.7 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 45.221 ng
RT: 7.637 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:146 Resp: 680726
Ion Ratio Lower Upper
146 100
148 64.0 52.7 79.1
75 33.2 26.4 39.6

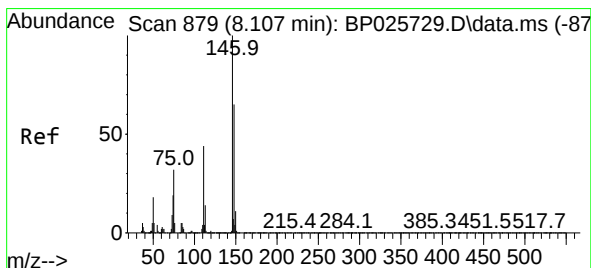
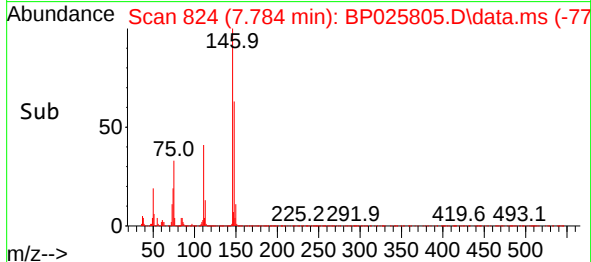
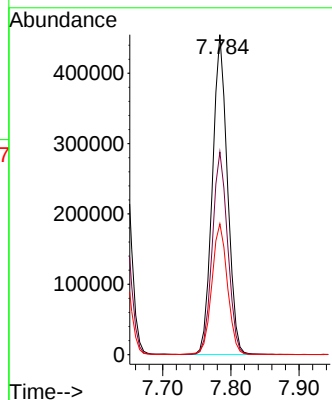
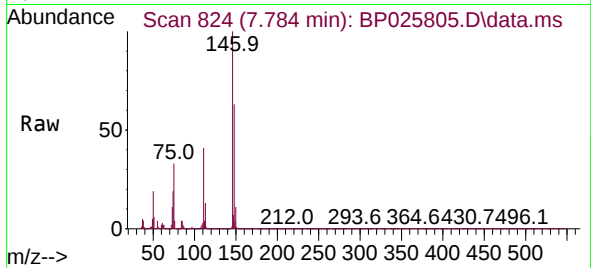




#13
 1,4-Dichlorobenzene
 Concen: 45.366 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025805.D
 Acq: 19 Sep 2025 19:14

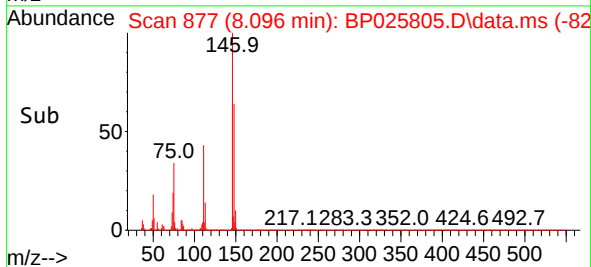
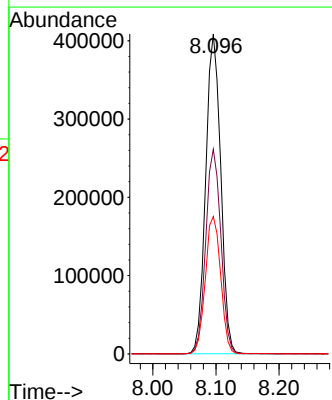
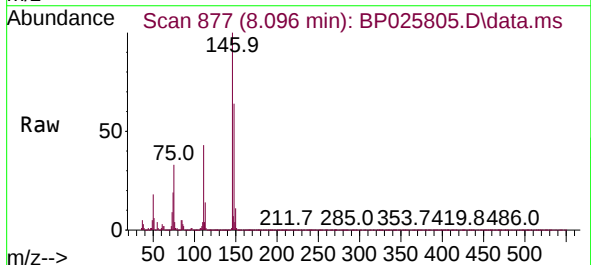
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-222MS

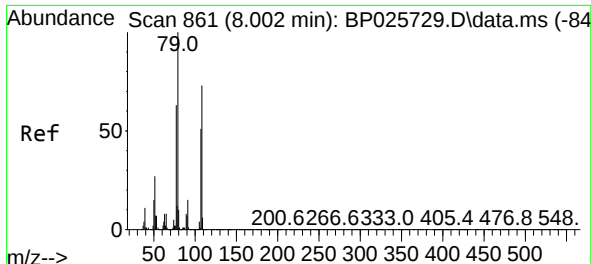
Tgt Ion:146 Resp: 695642
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.0 78.0
 111 40.9 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 45.301 ng
 RT: 8.096 min Scan# 877
 Delta R.T. -0.012 min
 Lab File: BP025805.D
 Acq: 19 Sep 2025 19:14

Tgt Ion:146 Resp: 674829
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.7 77.5
 111 42.9 35.5 53.3

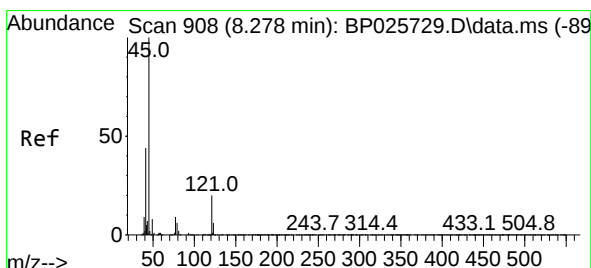
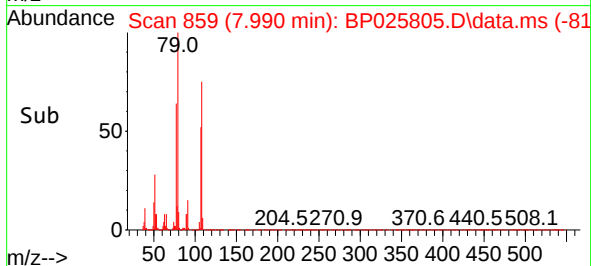
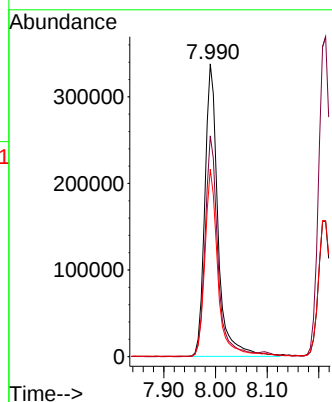
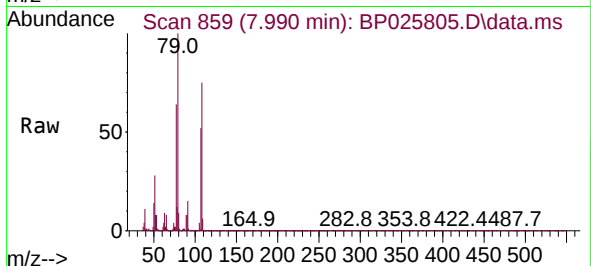




#15
Benzyl Alcohol
Concen: 45.162 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

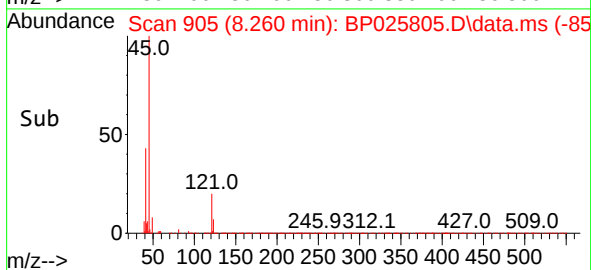
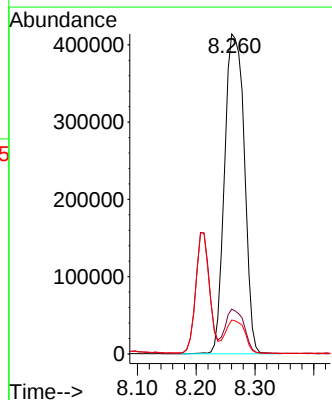
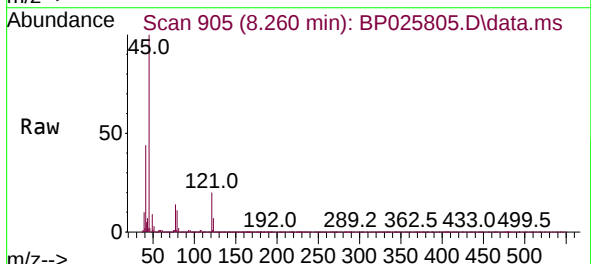
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

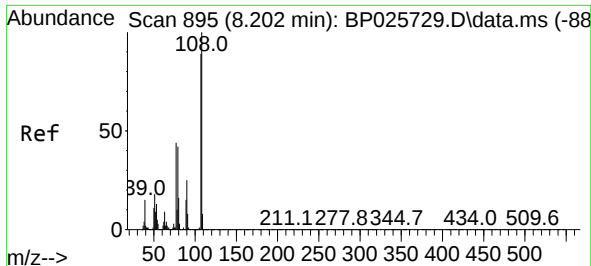
Tgt Ion: 79 Resp: 598041
Ion Ratio Lower Upper
79 100
108 75.4 58.7 88.1
77 64.0 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.491 ng
RT: 8.260 min Scan# 905
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion: 45 Resp: 965574
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.1
79 10.6 0.0 30.0

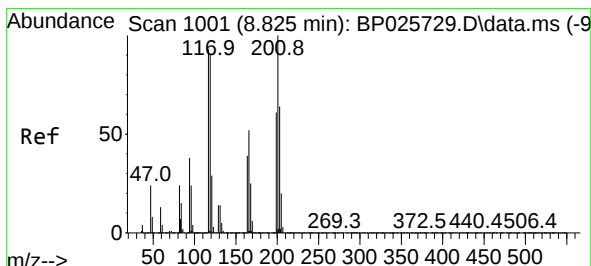
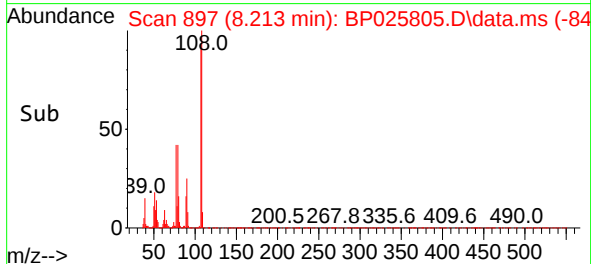
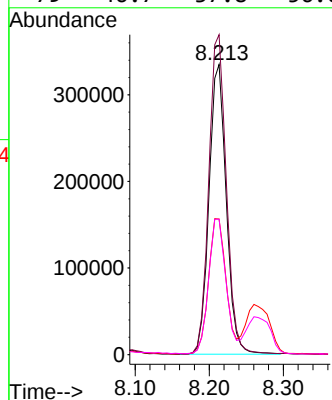
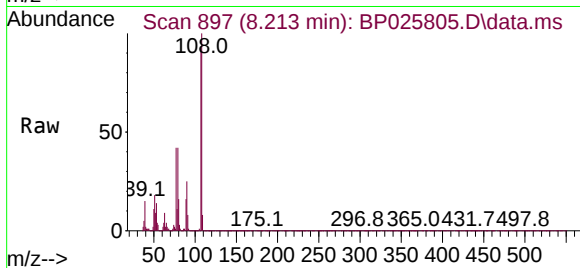




#17
2-Methylphenol
Concen: 47.621 ng
RT: 8.213 min Scan# 895
Delta R.T. 0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

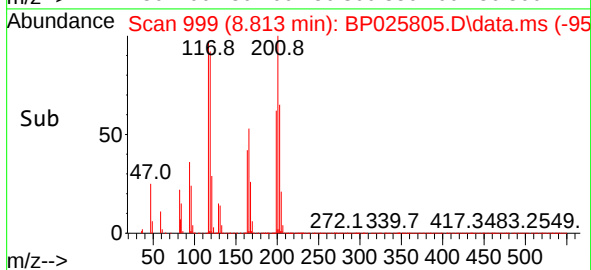
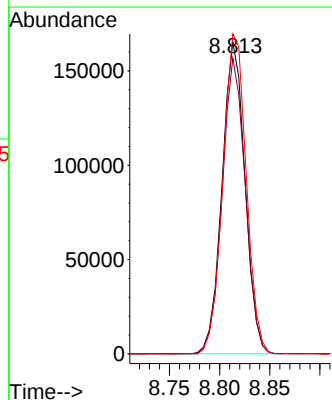
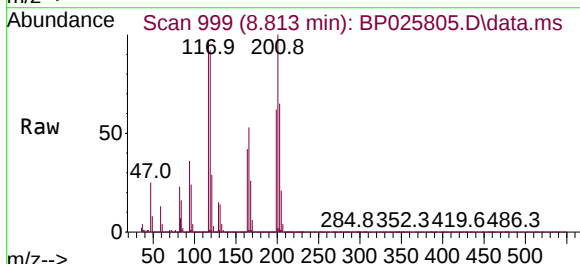
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

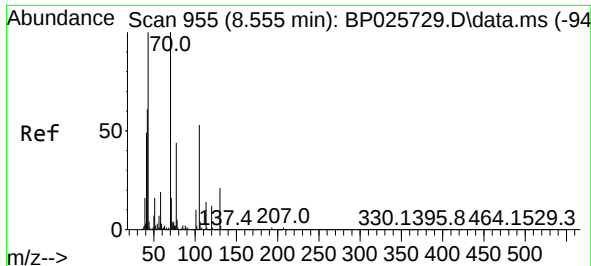
Tgt Ion:	107	Resp:	542531
Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.6	134.4
77	46.7	39.3	58.9
79	46.7	37.8	56.6



#18
Hexachloroethane
Concen: 44.909 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:	117	Resp:	263036
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.1	115.7
201	102.8	85.6	128.4

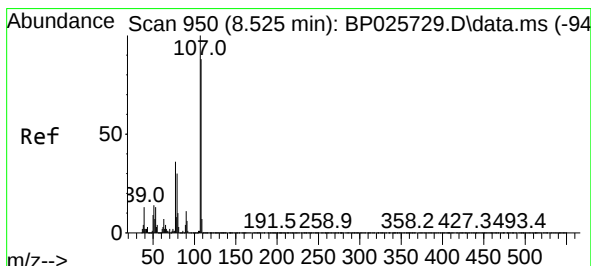
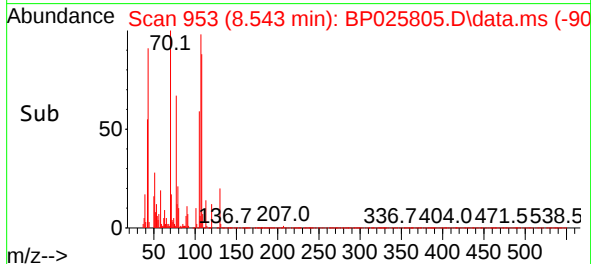
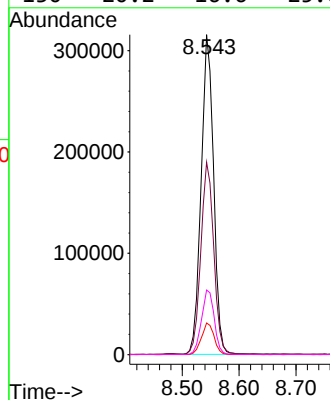
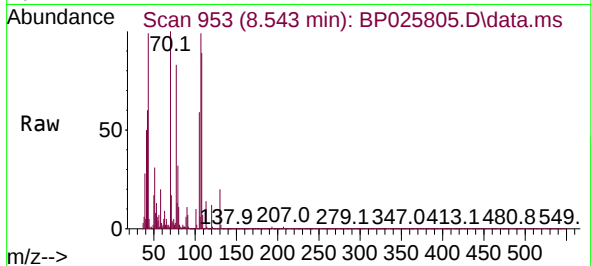




#19
n-Nitroso-di-n-propylamine
Concen: 42.885 ng
RT: 8.543 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

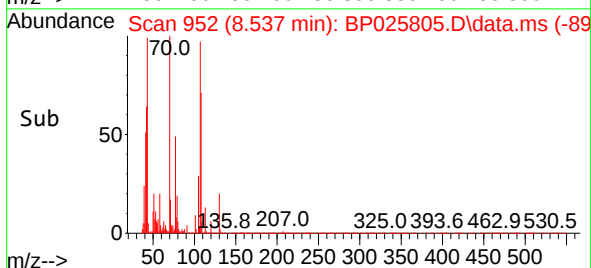
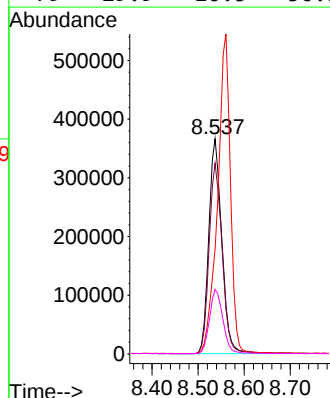
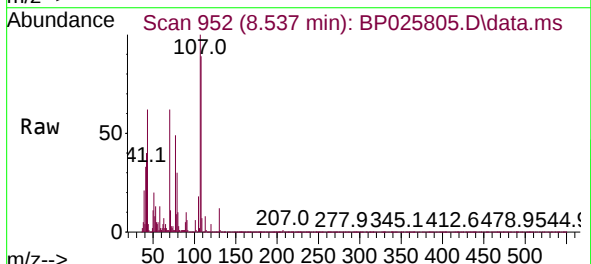
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

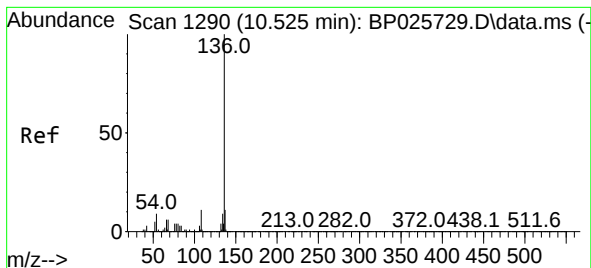
Tgt Ion: 70 Resp: 479337
Ion Ratio Lower Upper
70 100
42 60.1 49.0 73.4
101 9.9 7.9 11.9
130 20.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.145 ng
RT: 8.537 min Scan# 952
Delta R.T. 0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion: 107 Resp: 720298
Ion Ratio Lower Upper
107 100
108 88.6 67.8 107.8
77 48.8 16.1 56.1
79 29.9 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.513 min Scan# 1288

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

Tgt Ion:136 Resp: 763463

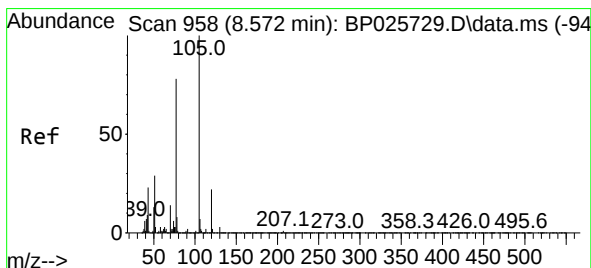
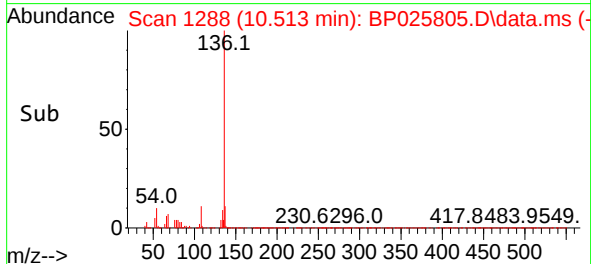
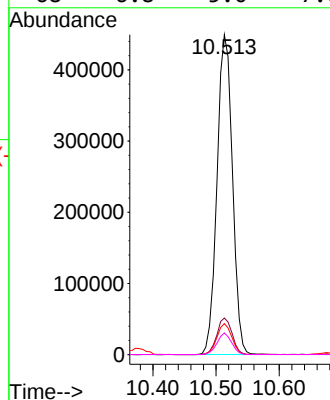
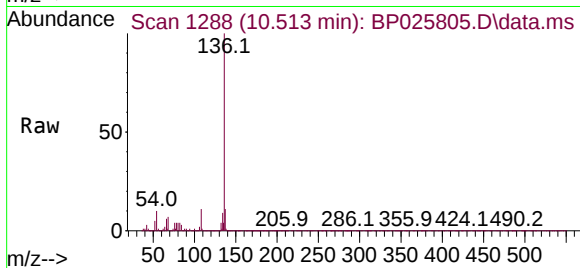
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.7 7.5 11.3

68 6.8 5.0 7.6



#22

Acetophenone

Concen: 50.799 ng

RT: 8.560 min Scan# 956

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Tgt Ion:105 Resp: 1036439

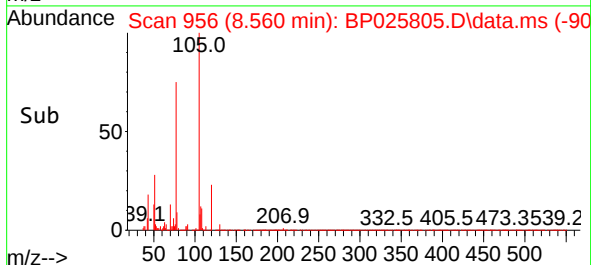
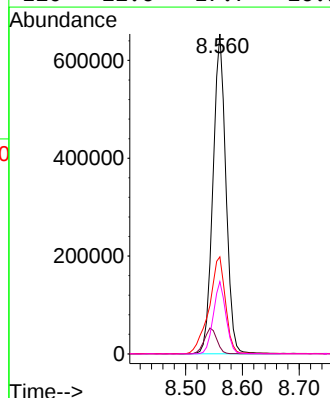
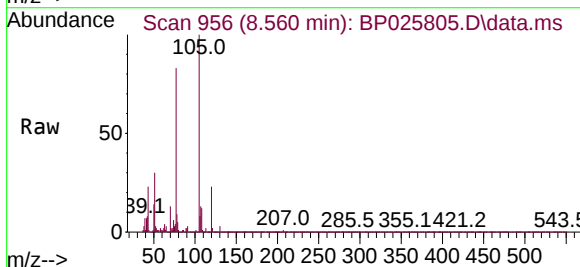
Ion Ratio Lower Upper

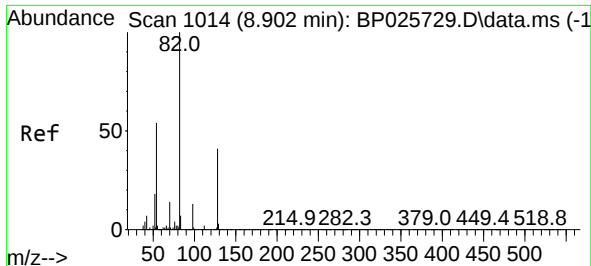
105 100

71 2.2 1.8 2.8

51 30.3 23.5 35.3

120 22.6 17.7 26.5

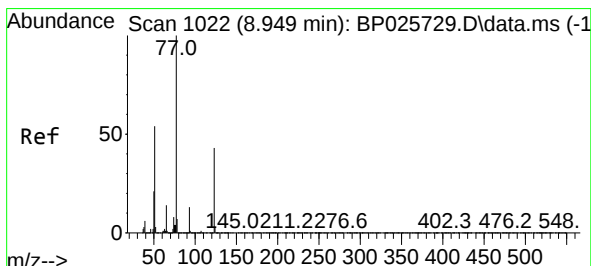
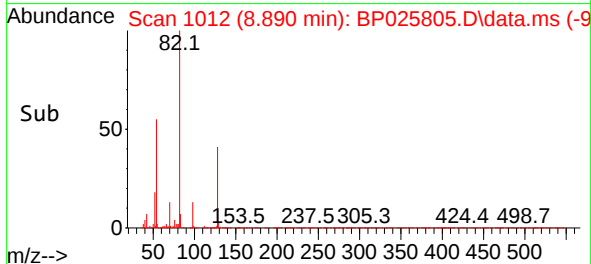
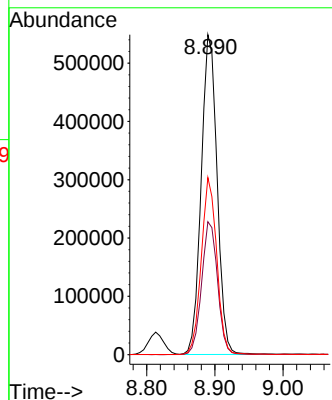
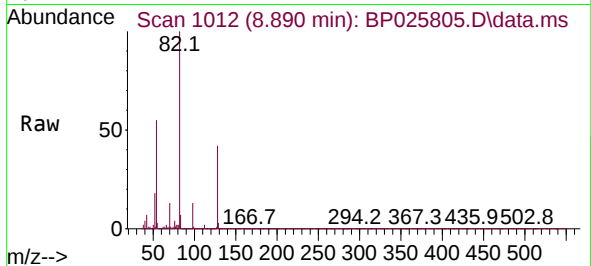




#23
Nitrobenzene-d5
Concen: 51.451 ng
RT: 8.890 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

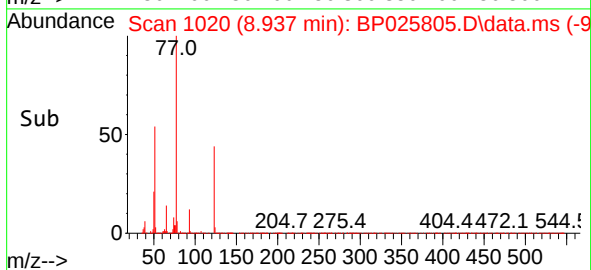
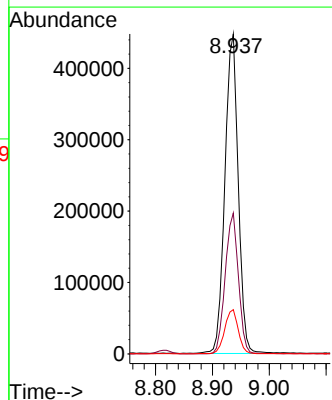
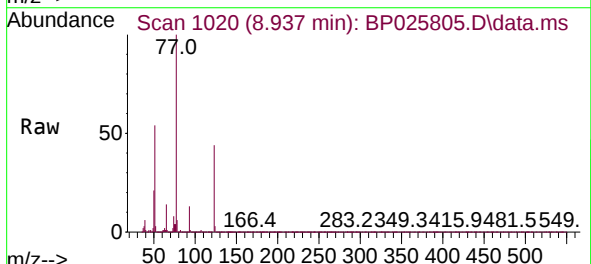
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

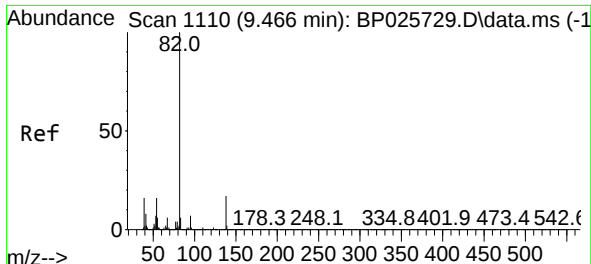
Tgt Ion: 82 Resp: 890503
Ion Ratio Lower Upper
82 100
128 41.5 32.9 49.3
54 55.3 43.4 65.2



#24
Nitrobenzene
Concen: 46.855 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion: 77 Resp: 727505
Ion Ratio Lower Upper
77 100
123 44.0 34.4 51.6
65 13.8 10.8 16.2

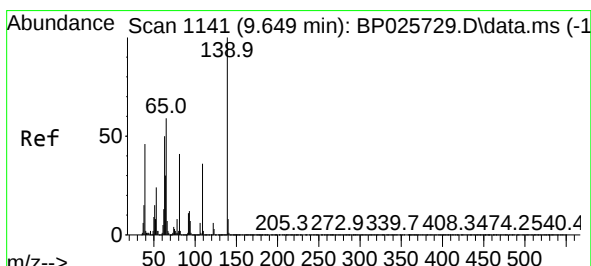
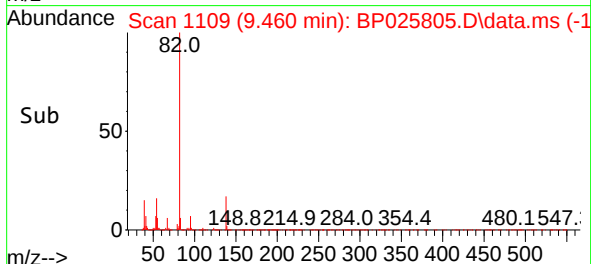
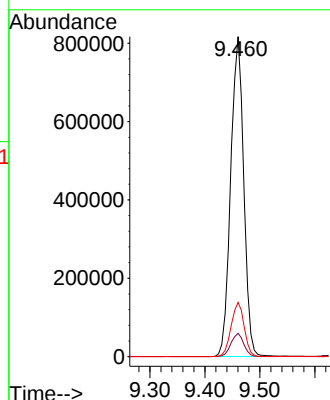
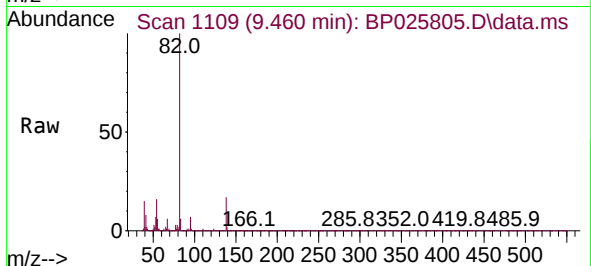




#25
Isophorone
Concen: 44.148 ng
RT: 9.460 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

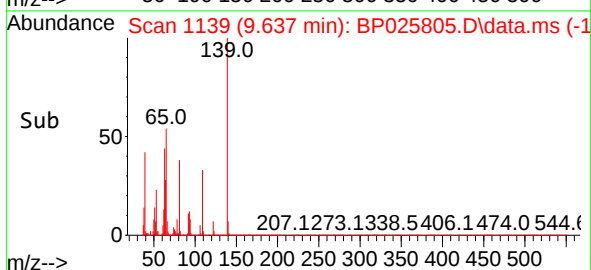
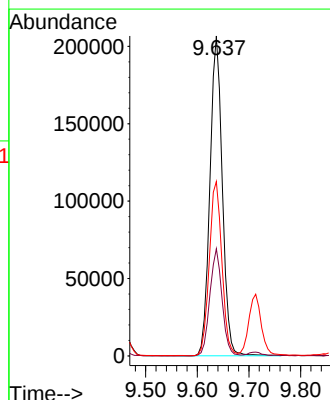
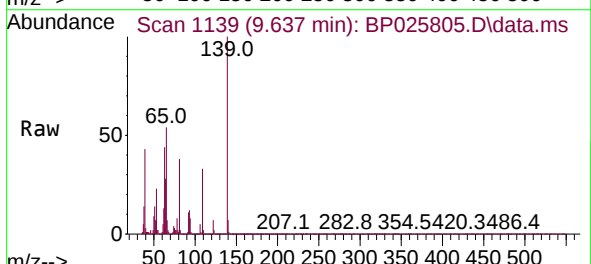
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

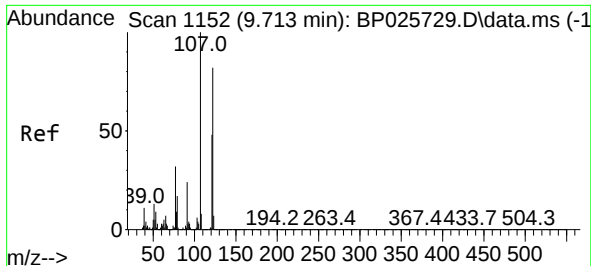
Tgt Ion: 82 Resp: 1343054
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.0 13.5 20.3



#26
2-Nitrophenol
Concen: 50.058 ng
RT: 9.637 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion: 139 Resp: 345085
Ion Ratio Lower Upper
139 100
109 33.5 29.0 43.4
65 54.5 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 49.154 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

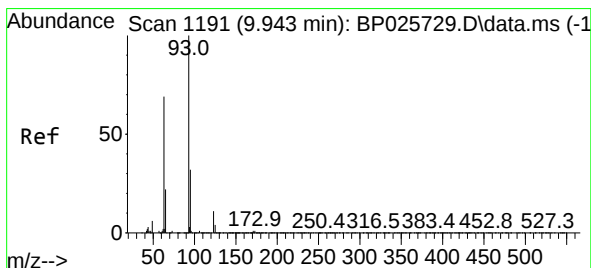
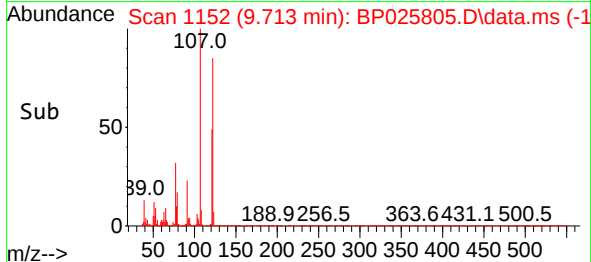
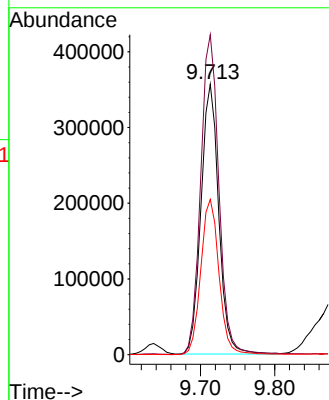
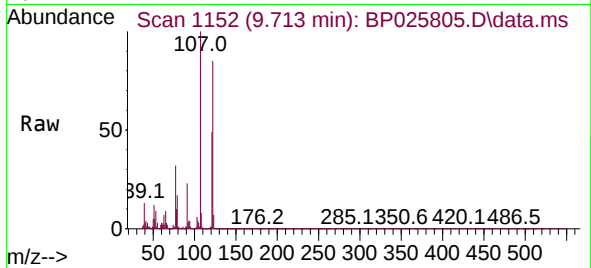
Tgt Ion:122 Resp: 594453

Ion Ratio Lower Upper

122 100

107 118.3 97.9 146.9

121 57.4 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.661 ng

RT: 9.925 min Scan# 1188

Delta R.T. -0.018 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

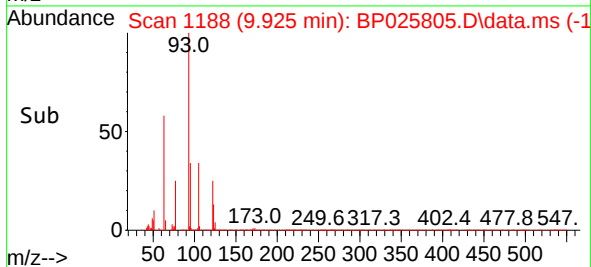
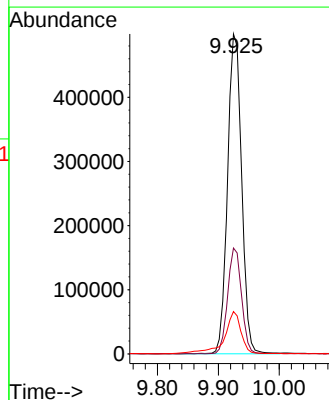
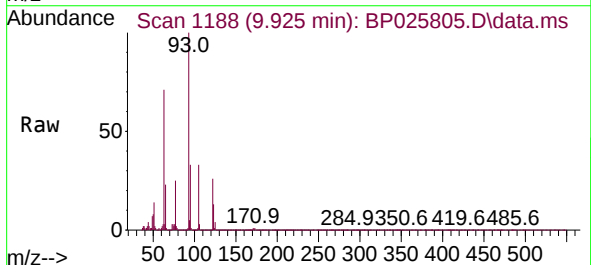
Tgt Ion: 93 Resp: 802943

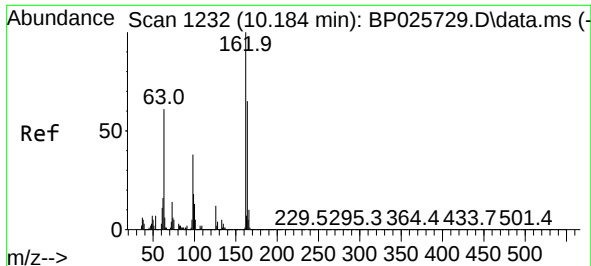
Ion Ratio Lower Upper

93 100

95 33.1 25.6 38.4

123 13.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.519 ng

RT: 10.195 min Scan# 1232

Delta R.T. 0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

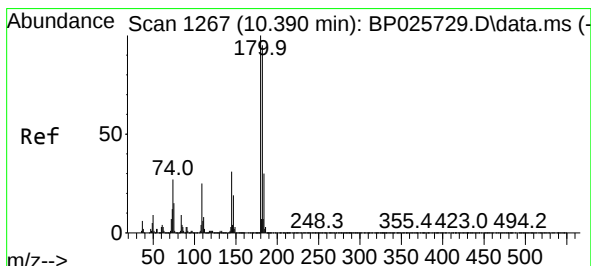
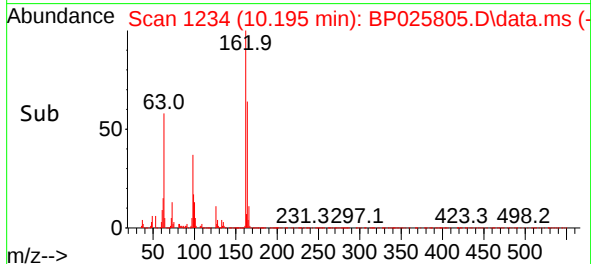
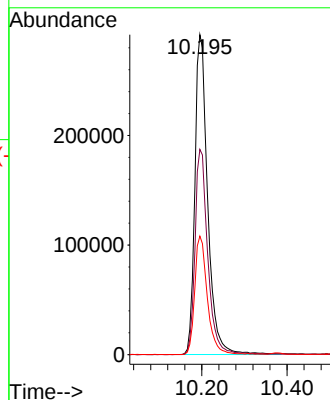
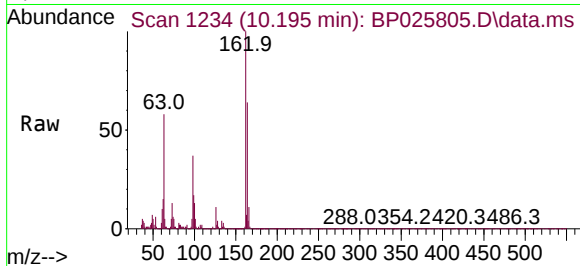
Tgt Ion:162 Resp: 609167

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

98 37.0 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 46.714 ng

RT: 10.378 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

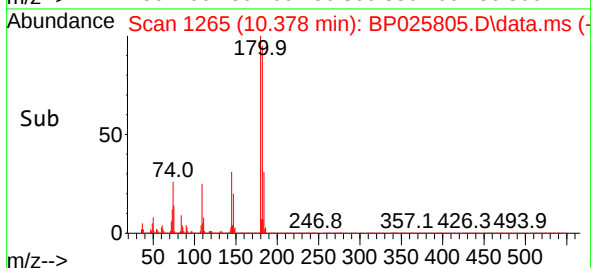
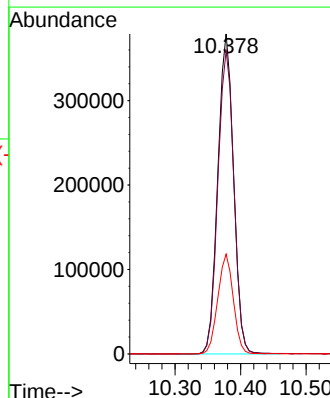
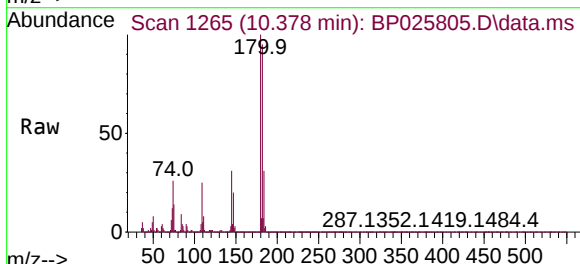
Tgt Ion:180 Resp: 634818

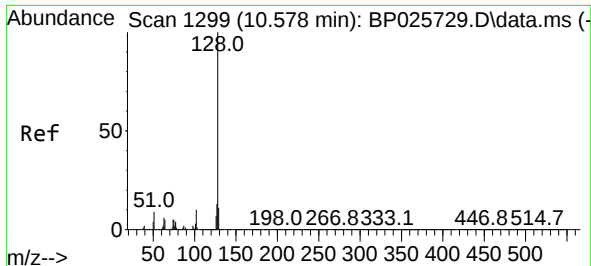
Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

145 31.2 24.7 37.1

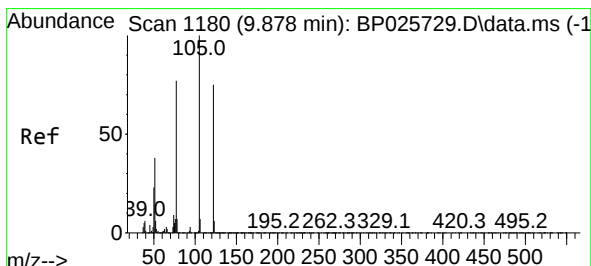
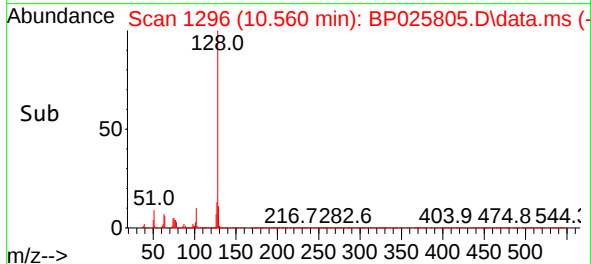
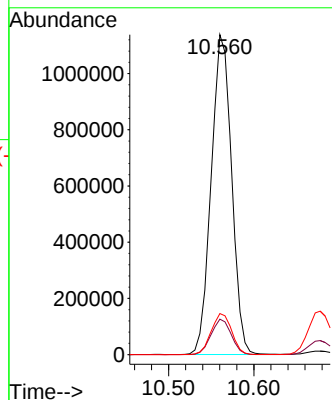
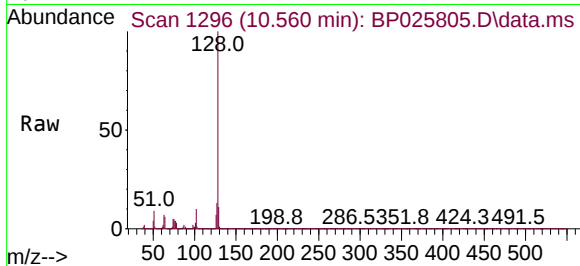




#31
Naphthalene
Concen: 46.008 ng
RT: 10.560 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

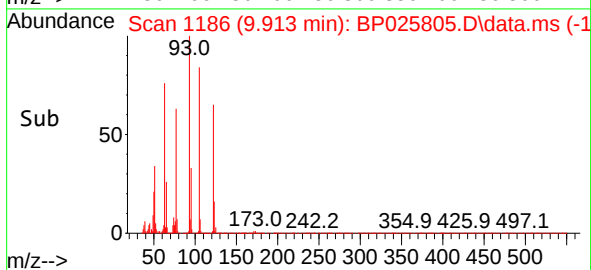
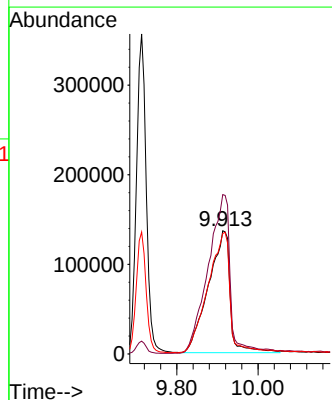
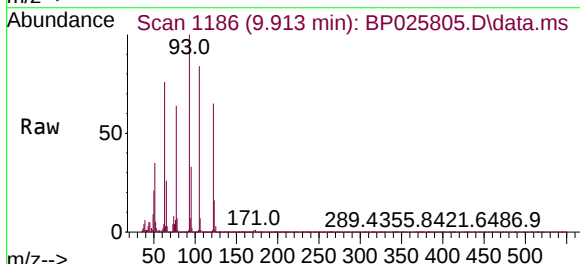
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

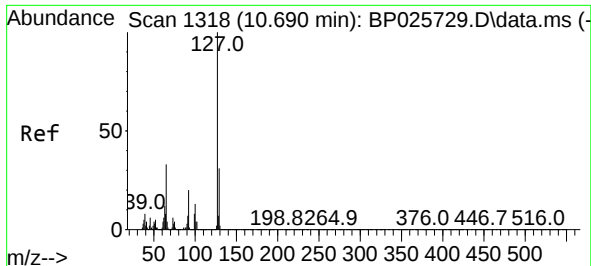
Tgt Ion:128 Resp: 1893993
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 56.661 ng
RT: 9.913 min Scan# 1186
Delta R.T. 0.035 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:122 Resp: 509470
Ion Ratio Lower Upper
122 100
105 129.3 111.5 151.5
77 97.9 81.8 121.8

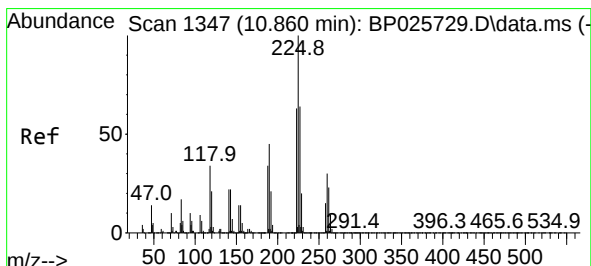
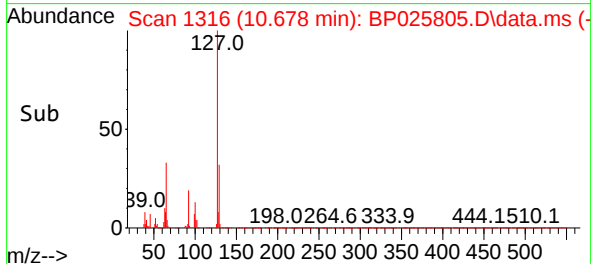
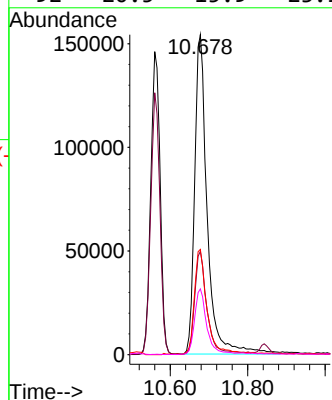
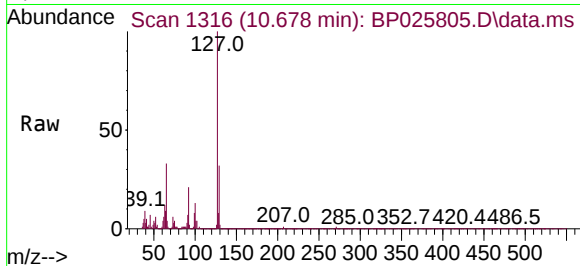




#33
4-Chloroaniline
Concen: 20.258 ng
RT: 10.678 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

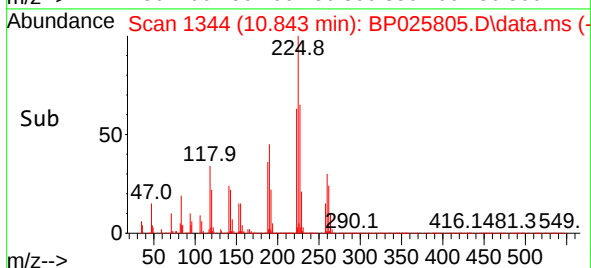
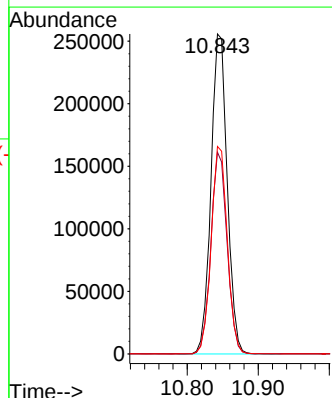
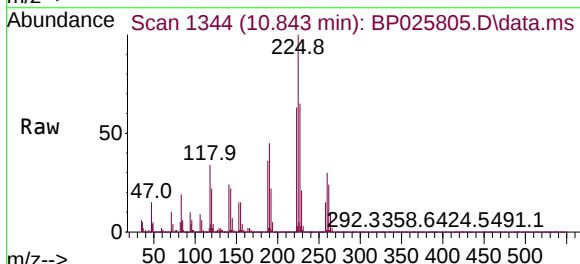
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

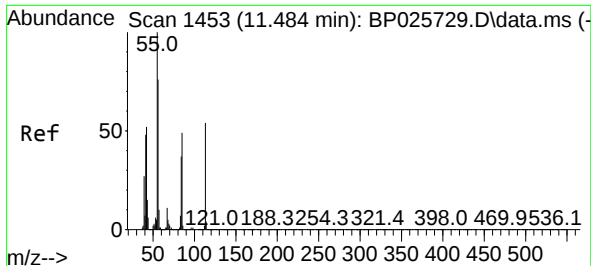
Tgt Ion:	127	Resp:	347601
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.1	37.7
65	32.9	26.4	39.6
92	20.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 46.395 ng
RT: 10.843 min Scan# 1344
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:	225	Resp:	405867
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	64.8	51.2	76.8

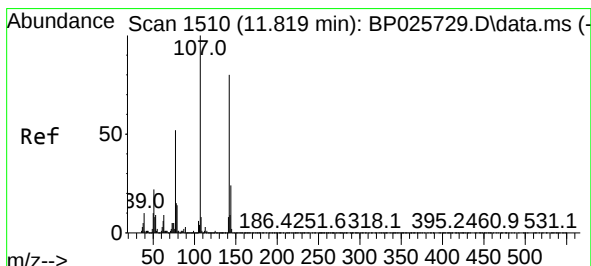
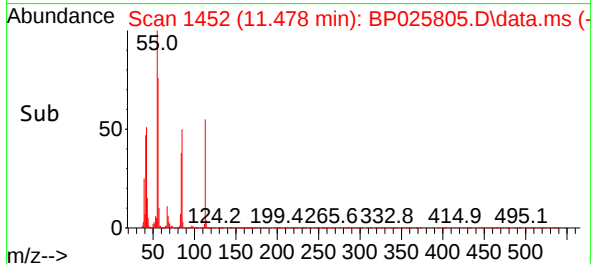
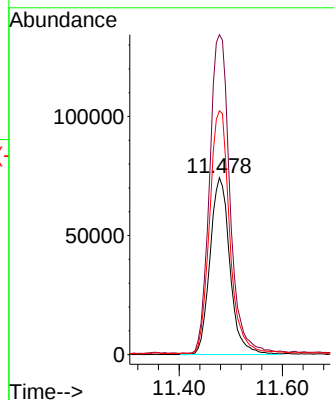
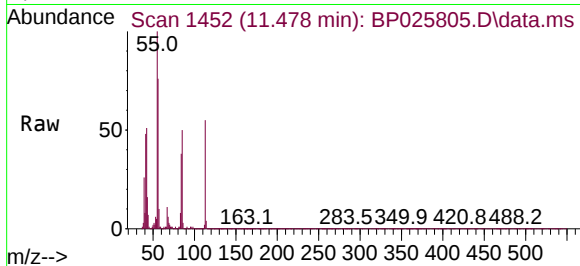




#35
Caprolactam
Concen: 42.805 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

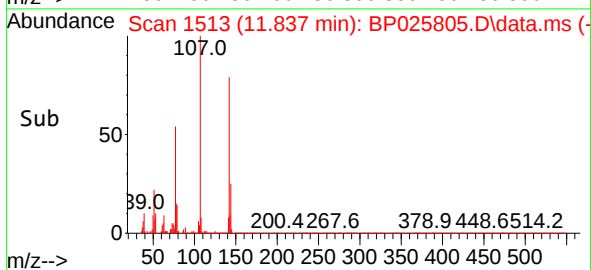
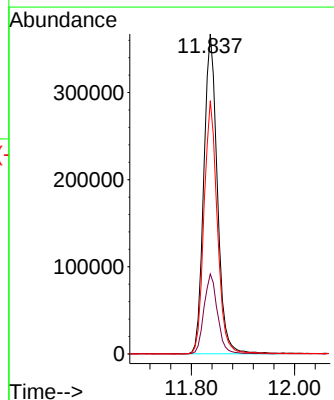
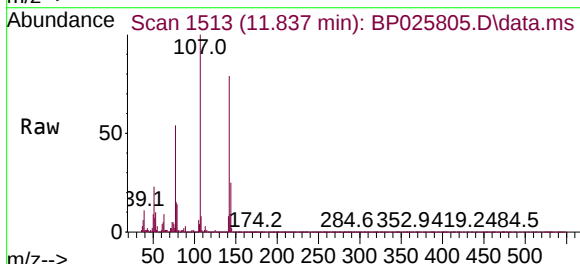
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

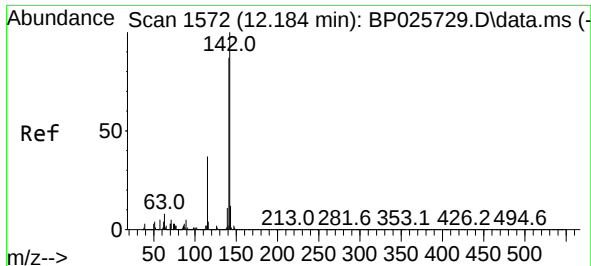
Tgt Ion:113 Resp: 198965
Ion Ratio Lower Upper
113 100
55 181.0 165.5 205.5
56 137.8 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 46.371 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:107 Resp: 666634
Ion Ratio Lower Upper
107 100
144 25.0 19.4 29.2
142 79.1 63.8 95.6

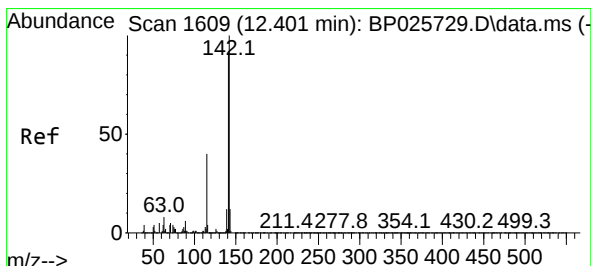
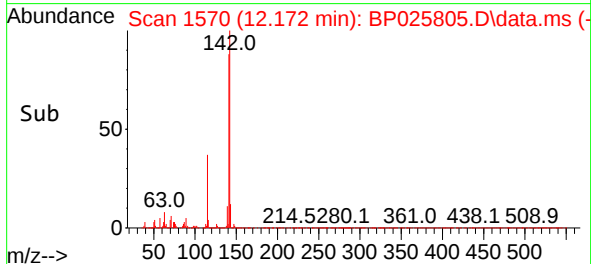
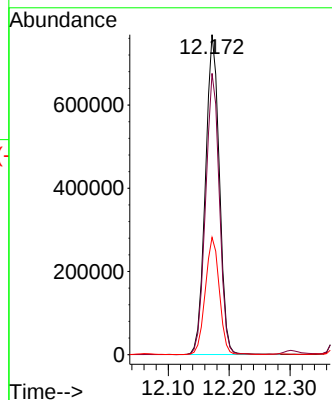
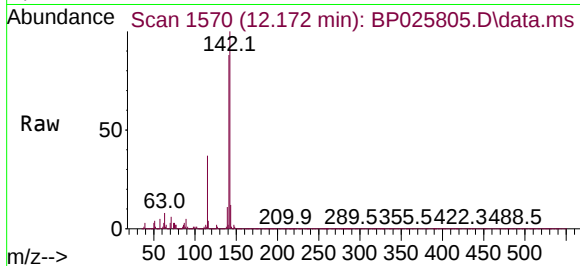




#37
2-Methylnaphthalene
Concen: 46.255 ng
RT: 12.172 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

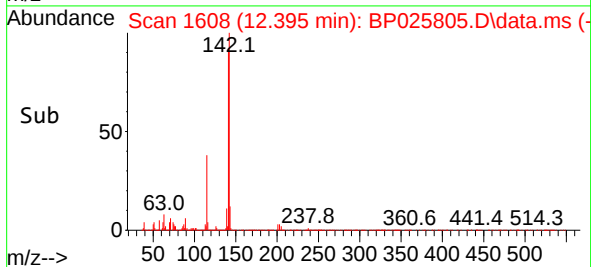
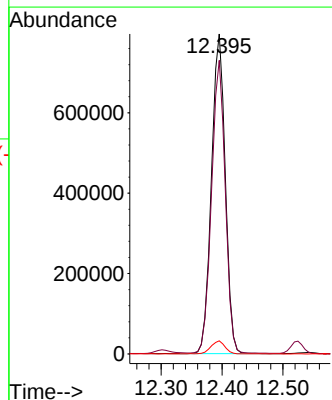
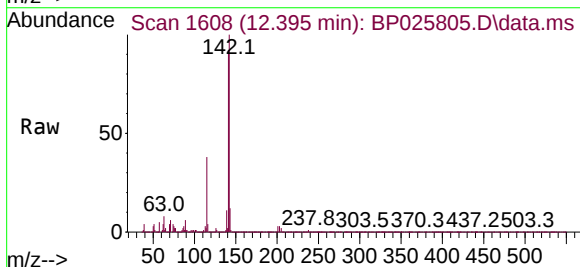
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

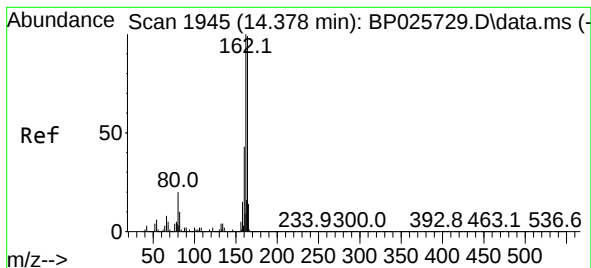
Tgt Ion:142 Resp: 1223000
Ion Ratio Lower Upper
142 100
141 87.9 69.6 104.4
115 36.6 30.0 45.0



#38
1-Methylnaphthalene
Concen: 44.479 ng
RT: 12.395 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:142 Resp: 1254102
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1
116 4.1 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

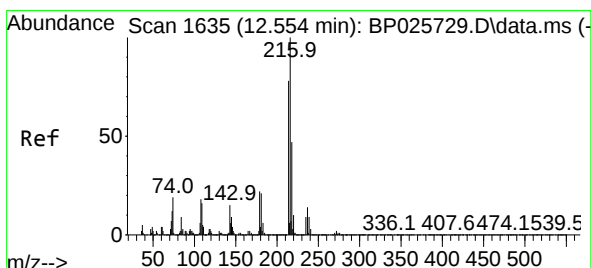
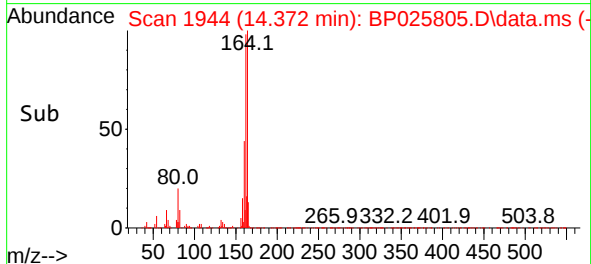
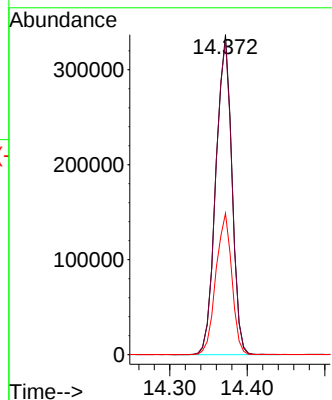
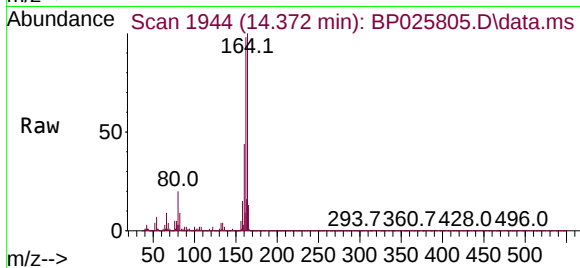
Tgt Ion:164 Resp: 482031

Ion Ratio Lower Upper

164 100

162 98.3 80.6 120.8

160 44.1 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.762 ng

RT: 12.542 min Scan# 1633

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Tgt Ion:216 Resp: 799897

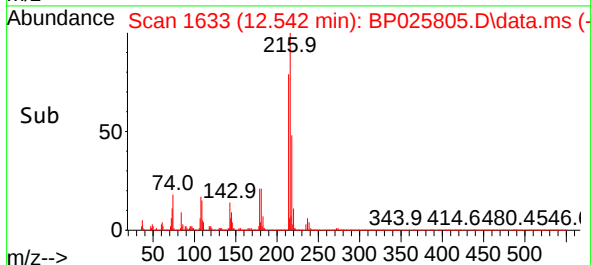
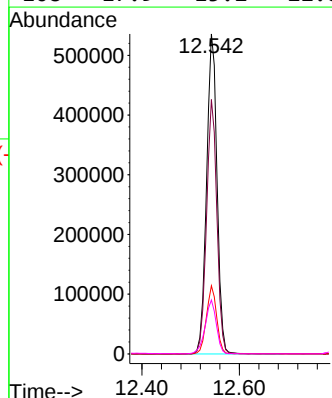
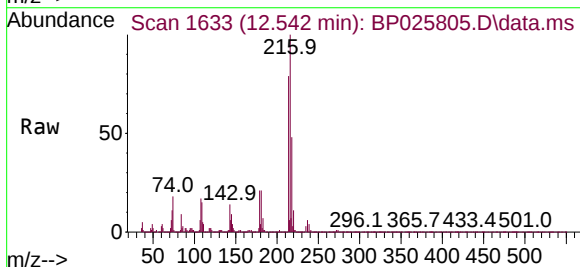
Ion Ratio Lower Upper

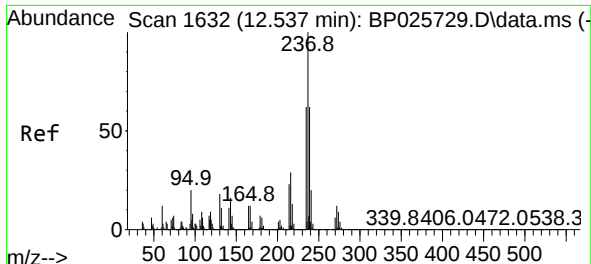
216 100

214 78.5 62.4 93.6

179 20.9 17.0 25.6

108 17.9 15.2 22.8

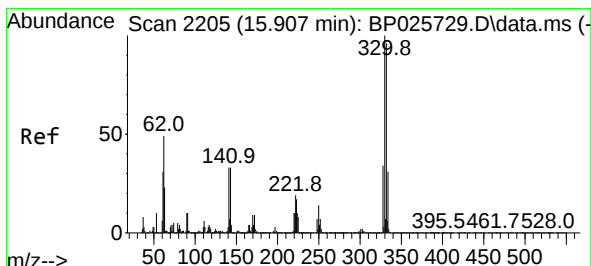
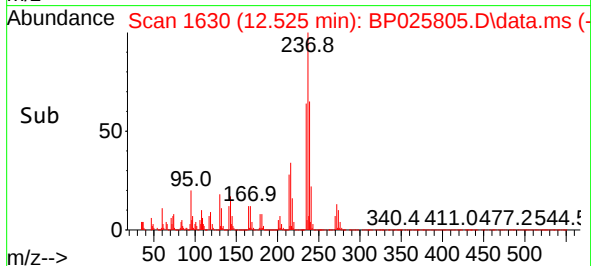
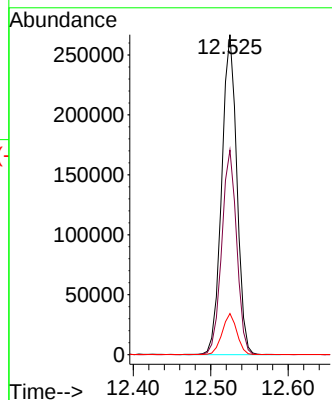
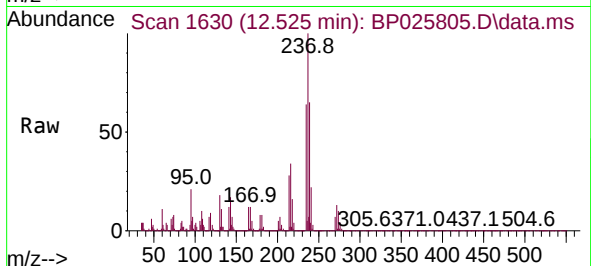




#41
Hexachlorocyclopentadiene
Concen: 45.690 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

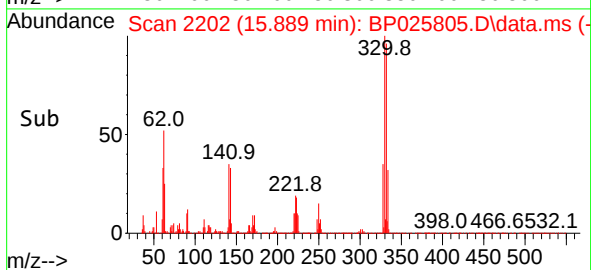
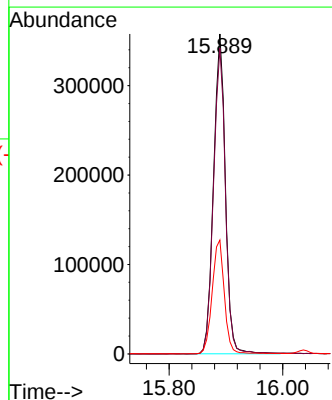
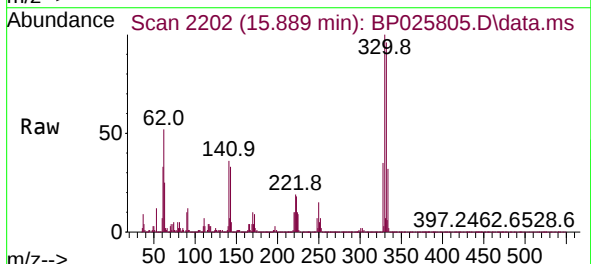
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

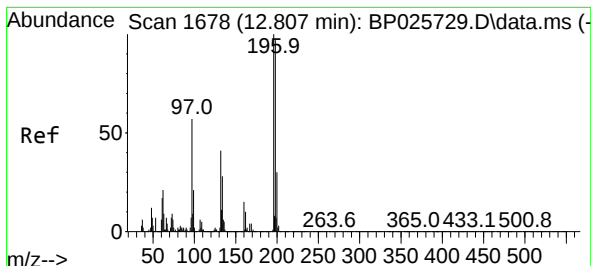
Tgt Ion:237 Resp: 363482
Ion Ratio Lower Upper
237 100
235 63.9 41.9 81.9
272 12.8 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 86.495 ng
RT: 15.889 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:330 Resp: 520039
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 36.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 50.363 ng

RT: 12.795 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

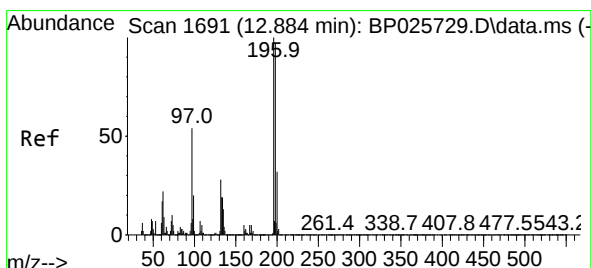
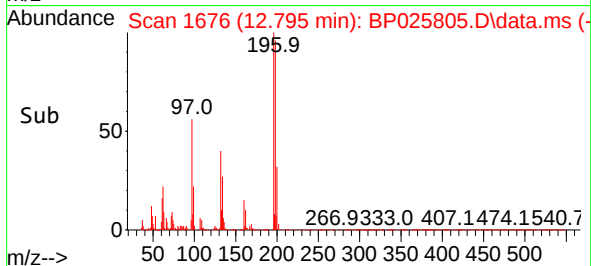
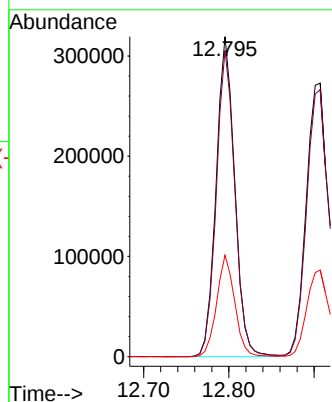
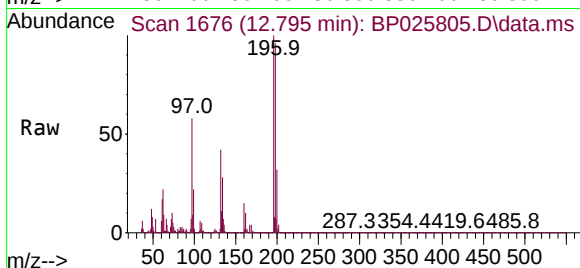
Tgt Ion:196 Resp: 483611

Ion Ratio Lower Upper

196 100

198 95.8 77.2 115.8

200 31.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 49.914 ng

RT: 12.907 min Scan# 1695

Delta R.T. 0.023 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Tgt Ion:196 Resp: 533428

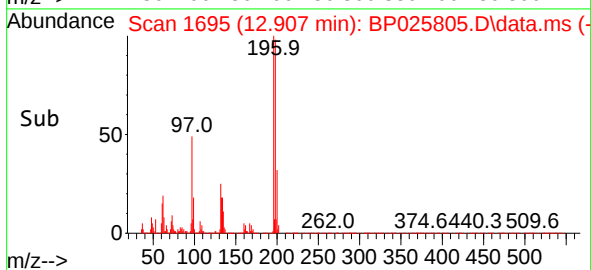
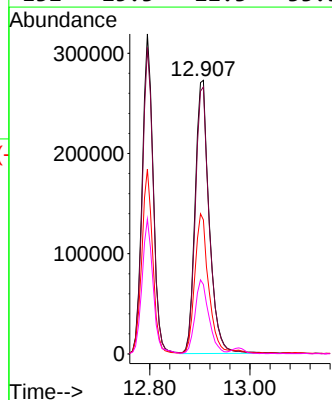
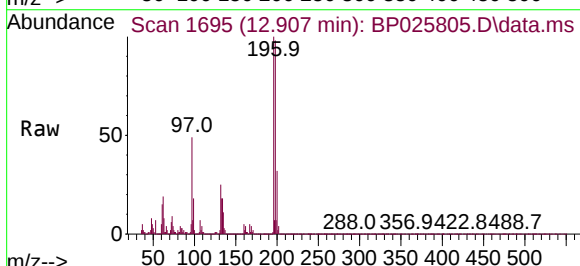
Ion Ratio Lower Upper

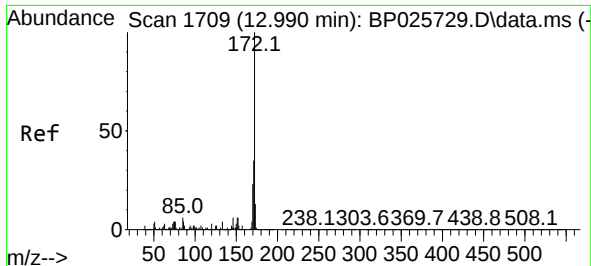
196 100

198 97.6 77.8 116.8

97 49.0 43.3 64.9

132 25.3 22.3 33.5

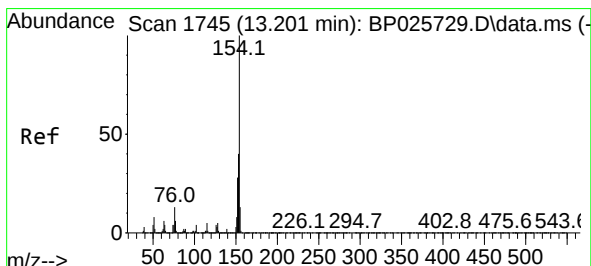
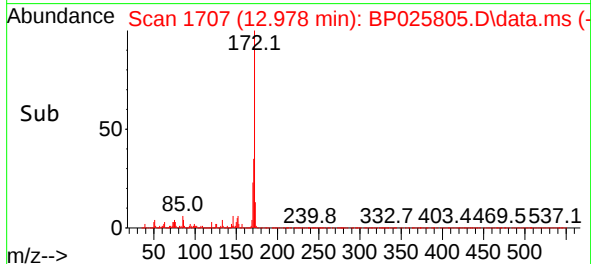
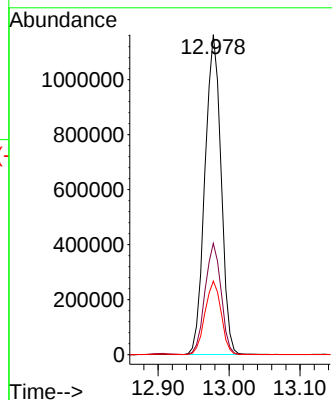
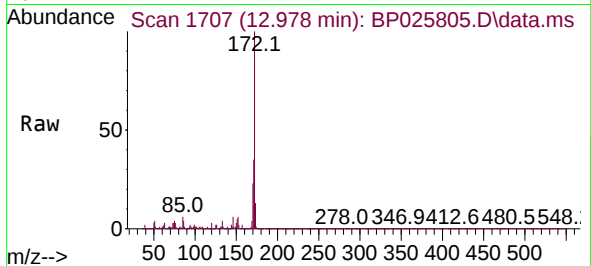




#45
2-Fluorobiphenyl
Concen: 50.610 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

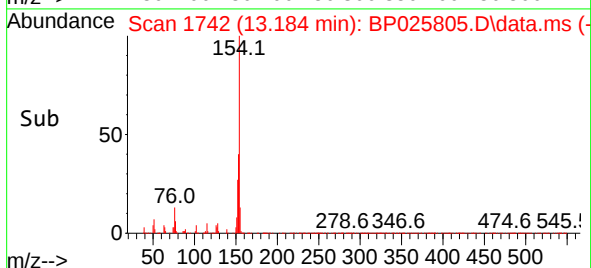
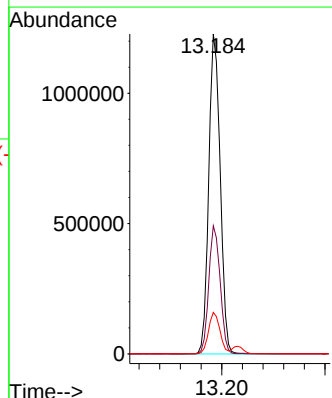
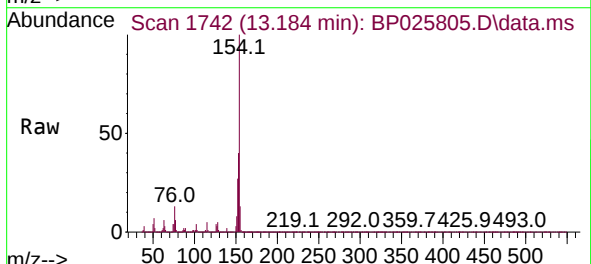
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

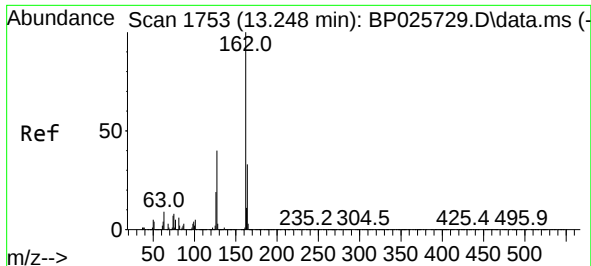
Tgt Ion:172 Resp: 1832172
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 53.223 ng
RT: 13.184 min Scan# 1742
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:154 Resp: 1883091
Ion Ratio Lower Upper
154 100
153 40.0 19.7 59.7
76 13.0 0.0 33.3

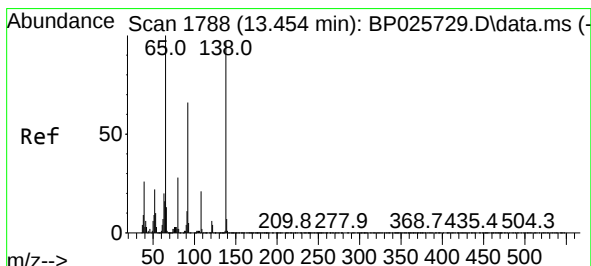
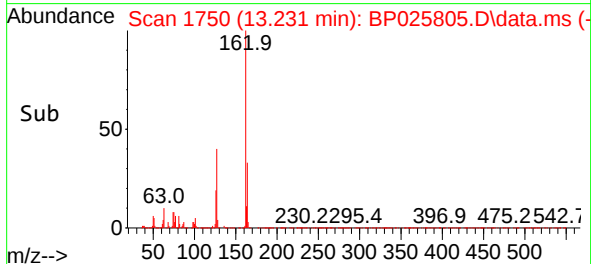
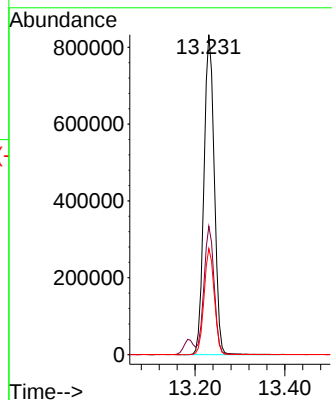
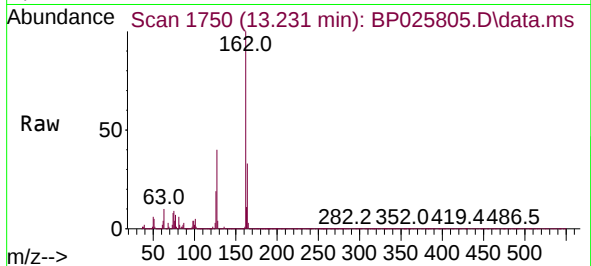




#47
2-Chloronaphthalene
Concen: 47.897 ng
RT: 13.231 min Scan# 1750
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

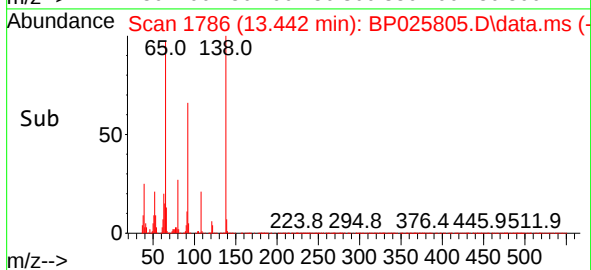
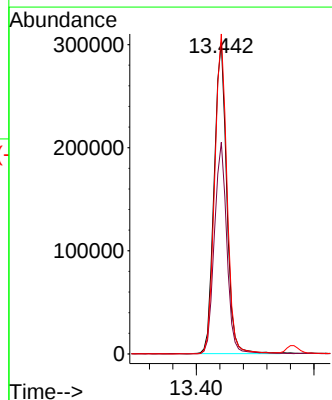
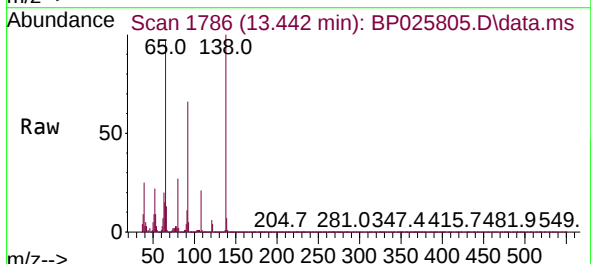
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

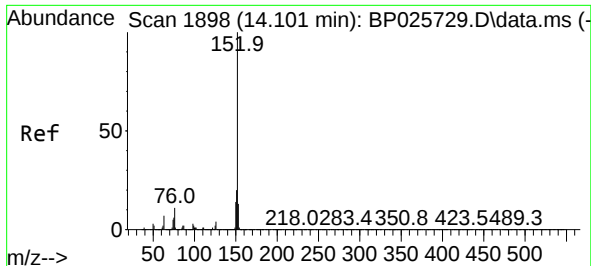
Tgt Ion:162 Resp: 1334360
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.4
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 48.181 ng
RT: 13.442 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion: 65 Resp: 447442
Ion Ratio Lower Upper
65 100
92 68.0 53.1 79.7
138 102.8 77.8 116.8

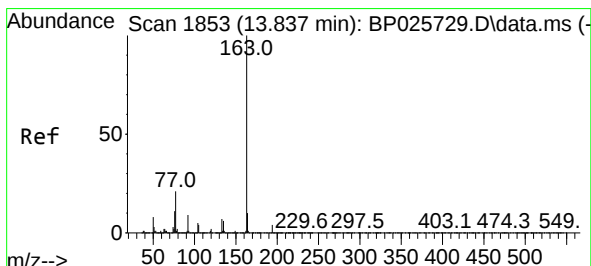
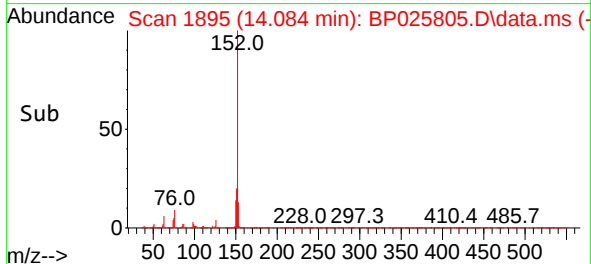
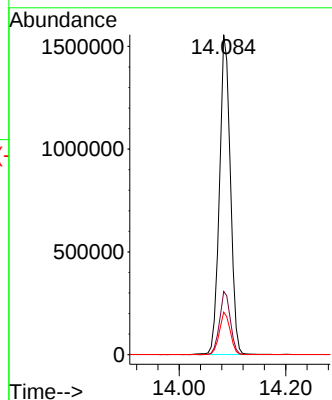
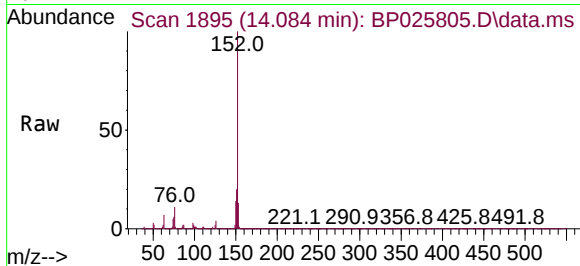




#49
Acenaphthylene
Concen: 47.810 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

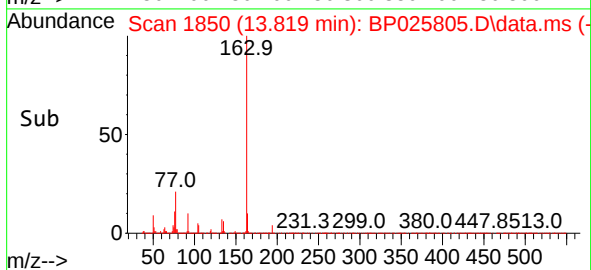
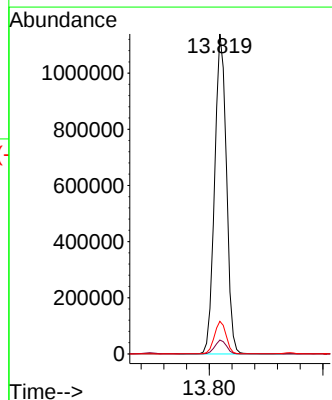
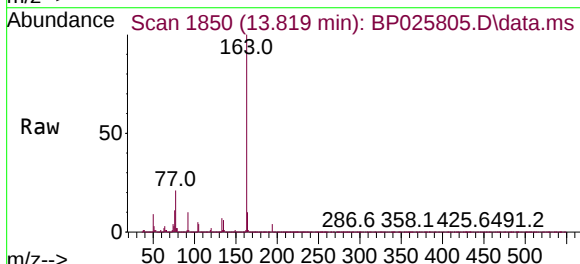
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

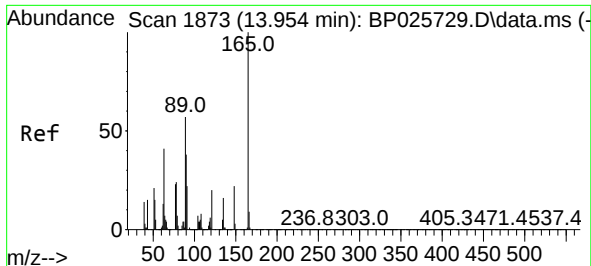
Tgt Ion:152 Resp: 2206911
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 44.787 ng
RT: 13.819 min Scan# 1850
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:163 Resp: 1648211
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2

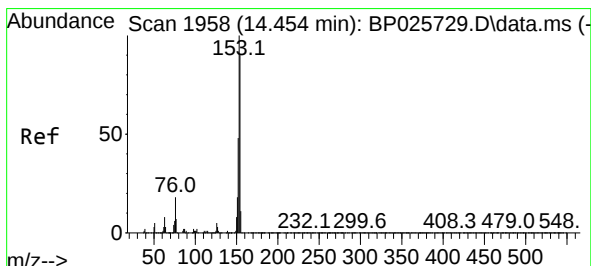
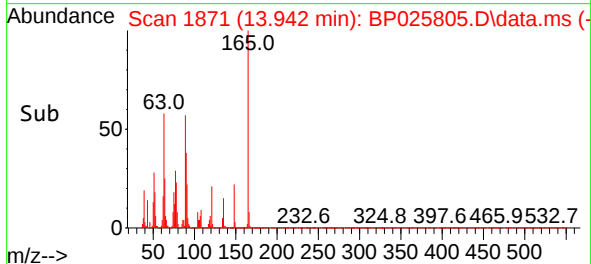
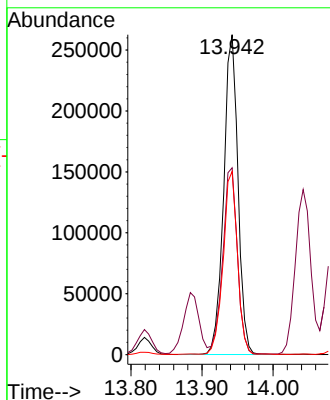
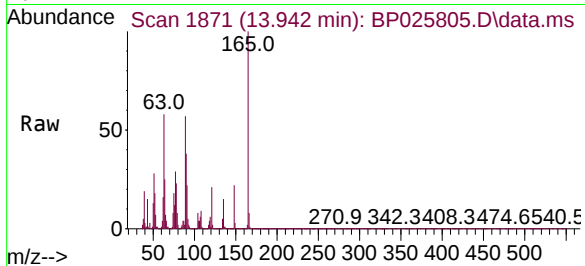




#51
2,6-Dinitrotoluene
Concen: 47.205 ng
RT: 13.942 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

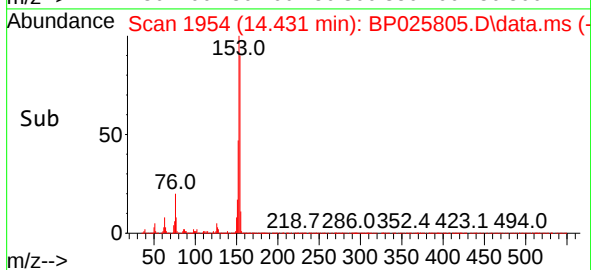
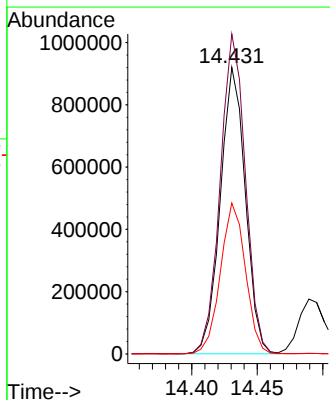
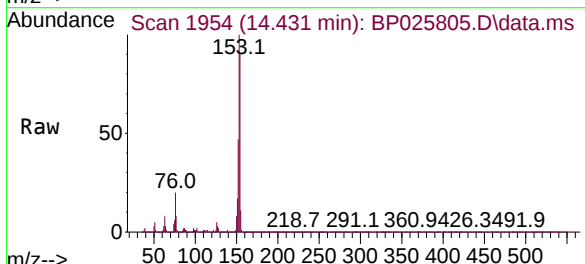
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

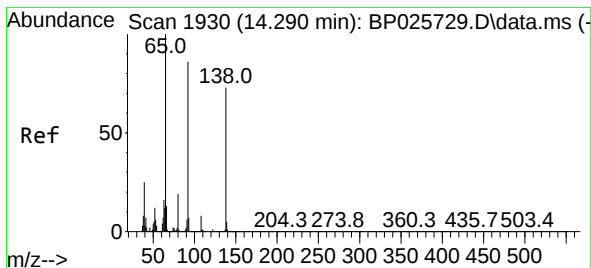
Tgt Ion:165 Resp: 368055
Ion Ratio Lower Upper
165 100
63 58.4 48.1 72.1
89 57.2 45.4 68.0



#52
Acenaphthene
Concen: 45.969 ng
RT: 14.431 min Scan# 1954
Delta R.T. -0.024 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:154 Resp: 1223687
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 52.6 42.5 63.7

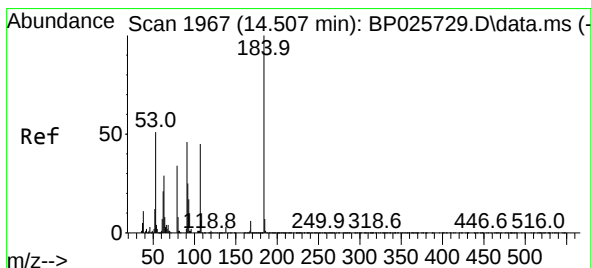
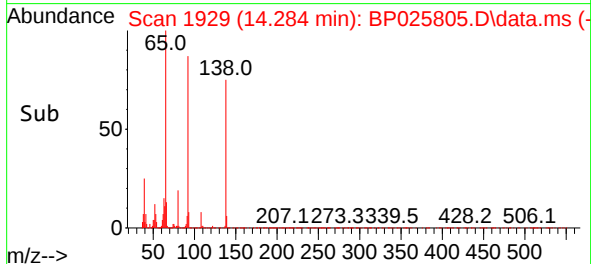
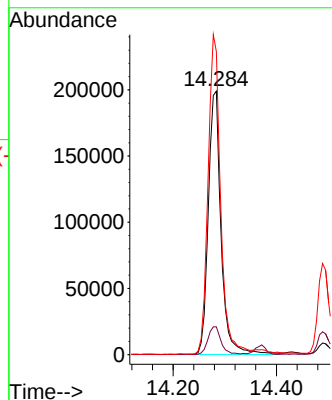
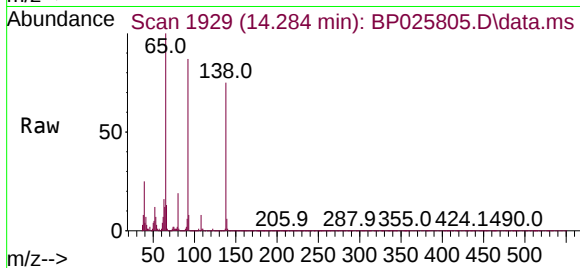




#53
3-Nitroaniline
Concen: 41.623 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

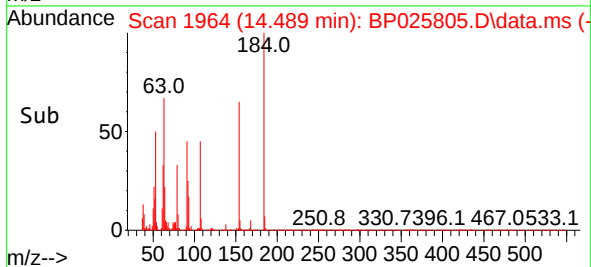
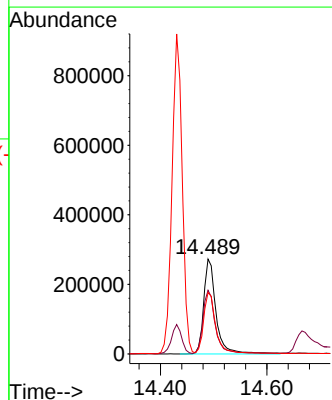
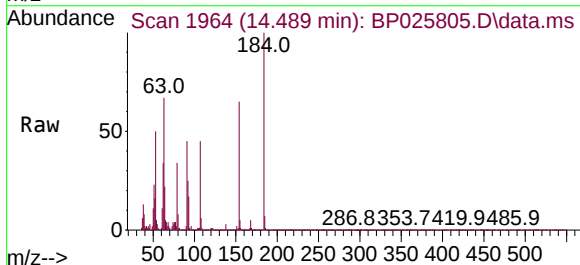
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

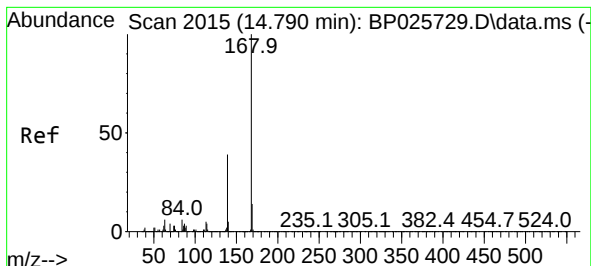
Tgt Ion:138 Resp: 341269
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 115.0 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 85.573 ng
RT: 14.489 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:184 Resp: 435618
Ion Ratio Lower Upper
184 100
63 67.1 52.5 78.7
154 64.7 51.5 77.3

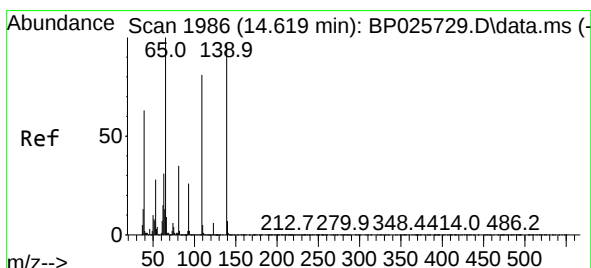
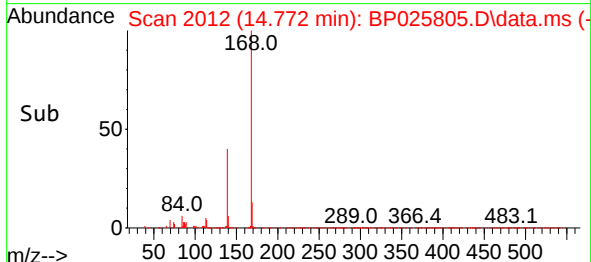
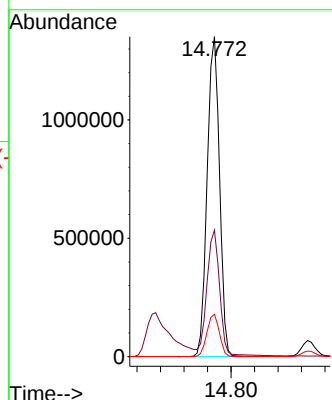
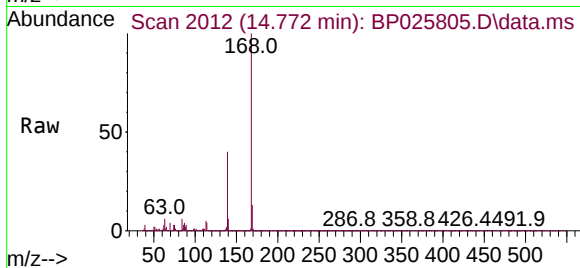




#55
Dibenzofuran
Concen: 45.439 ng
RT: 14.772 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

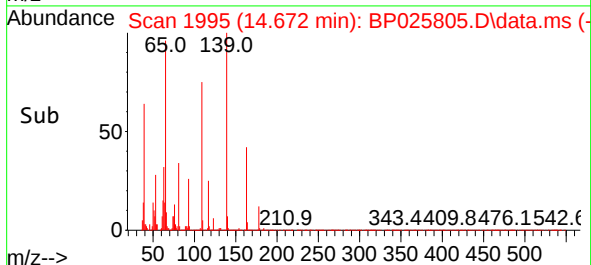
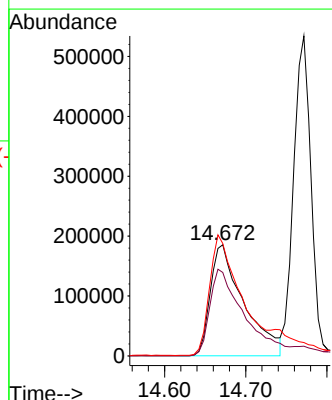
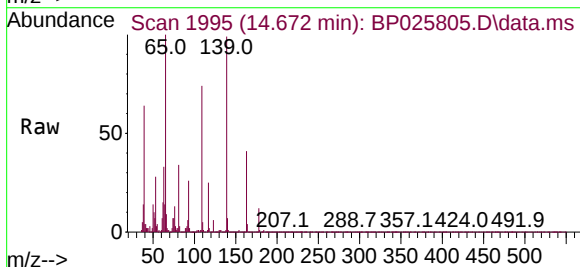
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

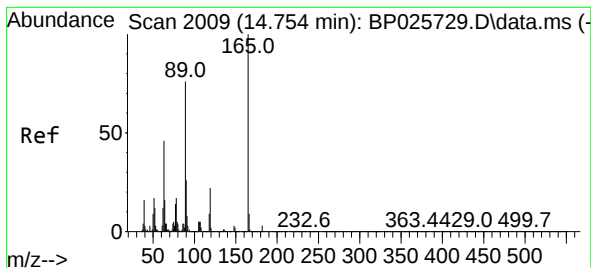
Tgt Ion:168 Resp: 1971415
Ion Ratio Lower Upper
168 100
139 39.5 31.7 47.5
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 75.539 ng
RT: 14.672 min Scan# 1995
Delta R.T. 0.053 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:139 Resp: 531497
Ion Ratio Lower Upper
139 100
109 75.1 62.9 102.9
65 101.2 83.4 123.4

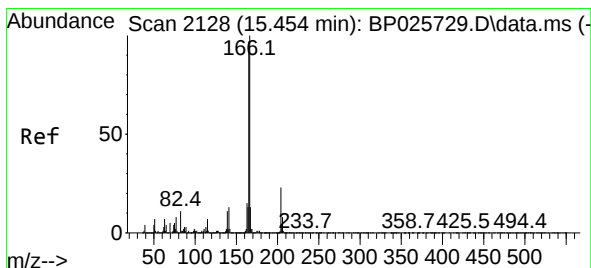
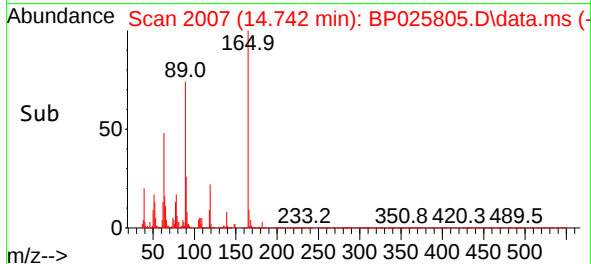
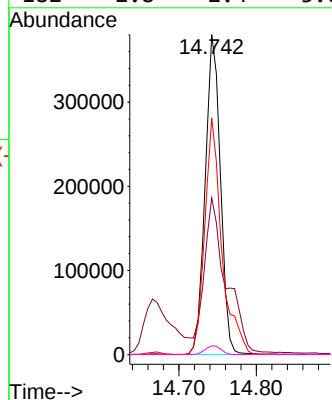
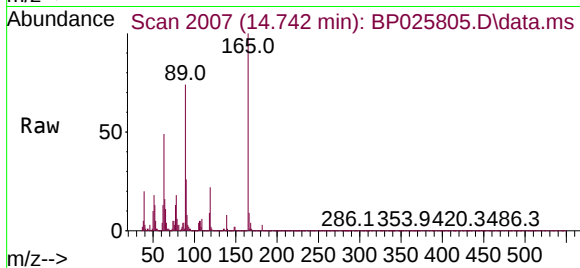




#57
2,4-Dinitrotoluene
Concen: 46.747 ng
RT: 14.742 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

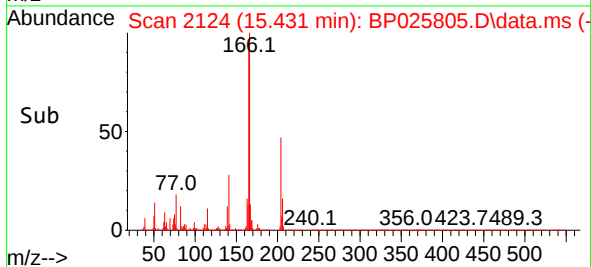
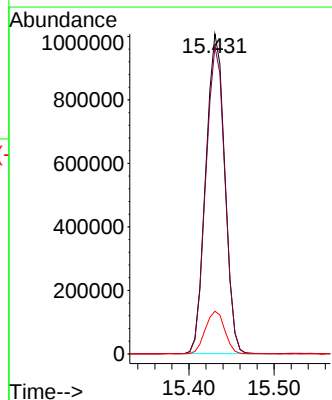
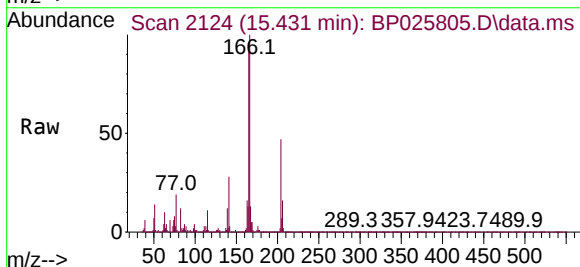
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

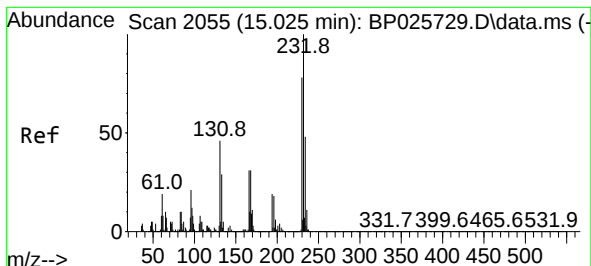
Tgt Ion:165 Resp: 518718
Ion Ratio Lower Upper
165 100
63 49.0 37.7 56.5
89 73.9 61.0 91.6
182 2.8 2.4 3.6



#58
Fluorene
Concen: 45.204 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.024 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:166 Resp: 1559516
Ion Ratio Lower Upper
166 100
165 96.1 77.7 116.5
167 13.3 10.6 16.0

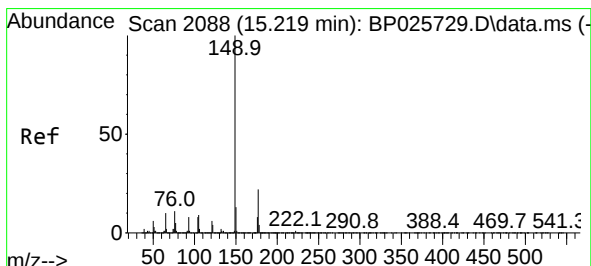
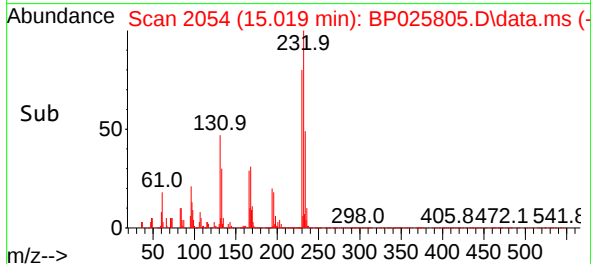
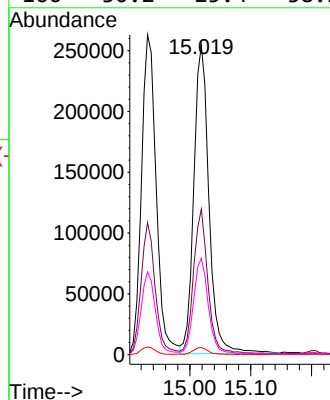
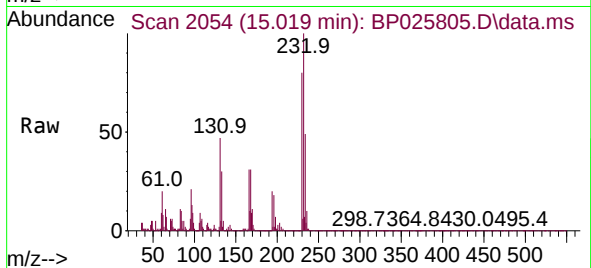




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.593 ng
RT: 15.019 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

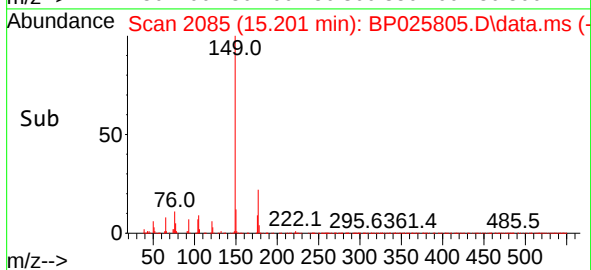
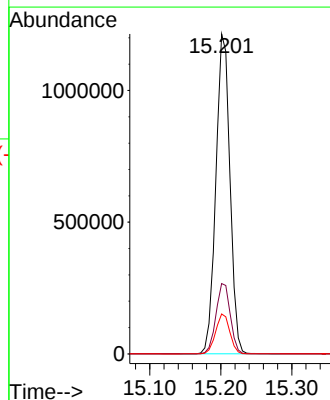
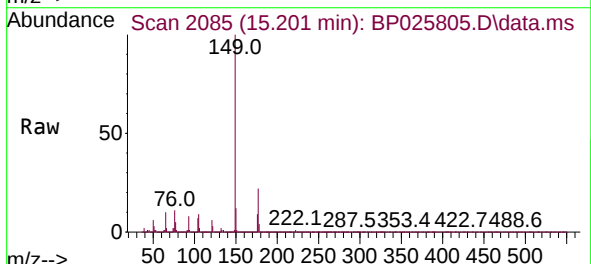
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

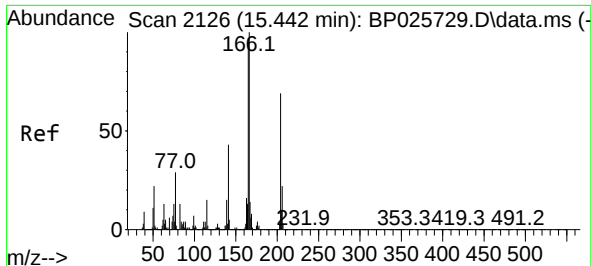
Tgt Ion:232 Resp: 438923
Ion Ratio Lower Upper
232 100
131 44.6 36.7 55.1
130 2.3 2.0 3.0
166 30.2 25.4 38.2



#60
Diethylphthalate
Concen: 44.810 ng
RT: 15.201 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:149 Resp: 1672751
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.5 10.0 15.0

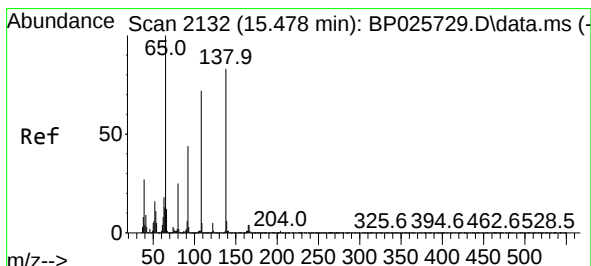
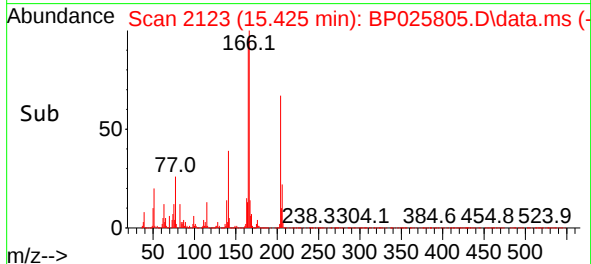
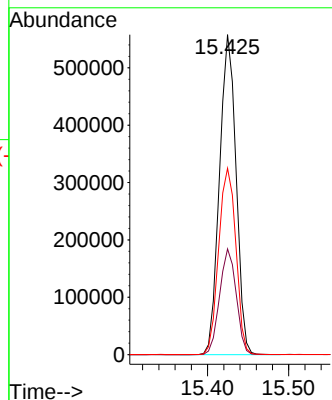
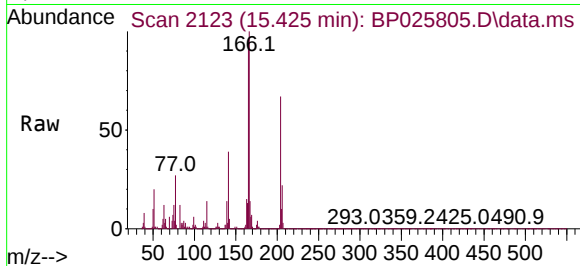




#61
4-Chlorophenyl-phenylether
Concen: 45.413 ng
RT: 15.425 min Scan# 2126
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

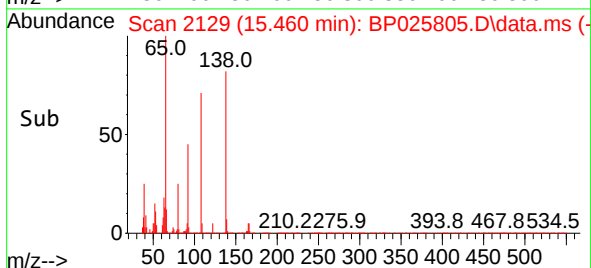
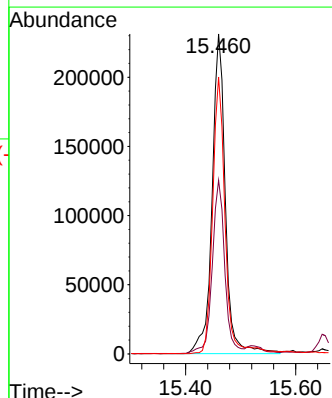
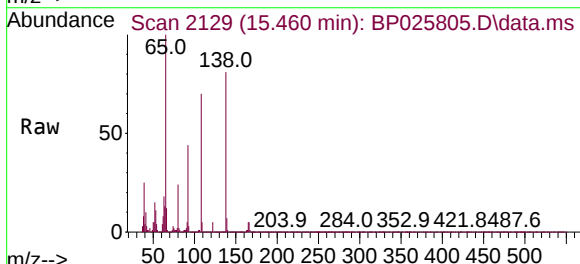
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

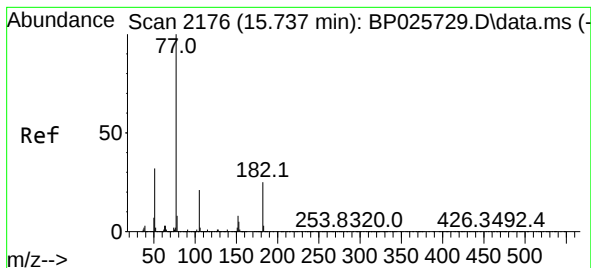
Tgt Ion:204 Resp: 789589
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 58.2 49.7 74.5



#62
4-Nitroaniline
Concen: 46.099 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:138 Resp: 387221
Ion Ratio Lower Upper
138 100
92 54.3 33.3 73.3
108 86.5 66.7 106.7





#63

Azobenzene

Concen: 49.558 ng

RT: 15.725 min Scan# 2176

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

Tgt Ion: 77 Resp: 1788796

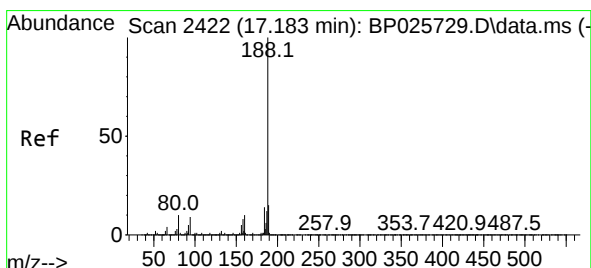
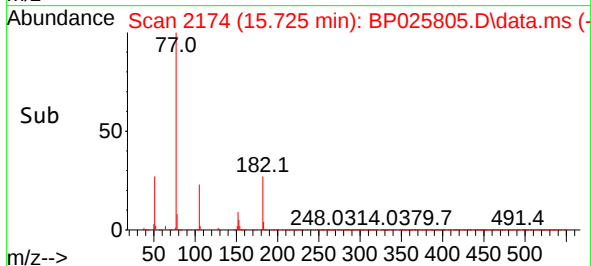
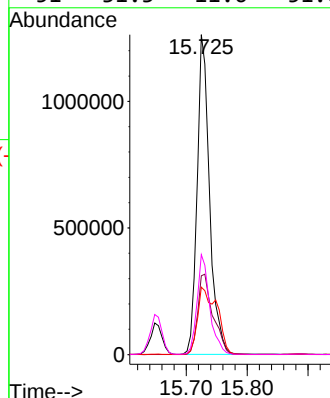
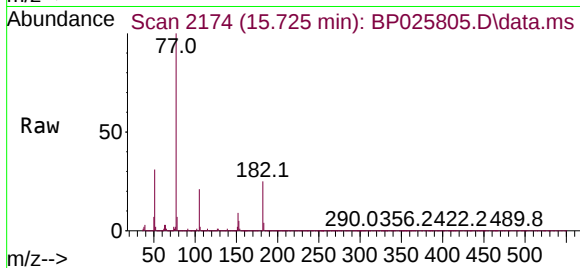
Ion Ratio Lower Upper

77 100

182 24.6 5.2 45.2

105 21.1 1.1 41.1

51 31.3 11.6 51.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.172 min Scan# 2420

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

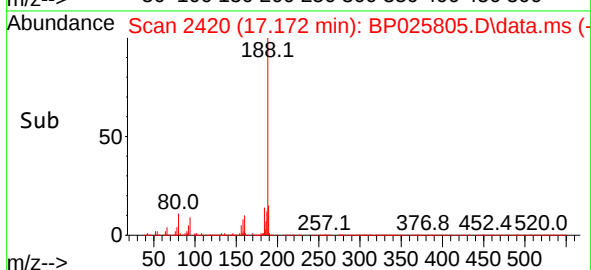
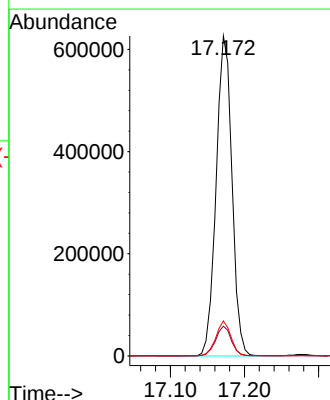
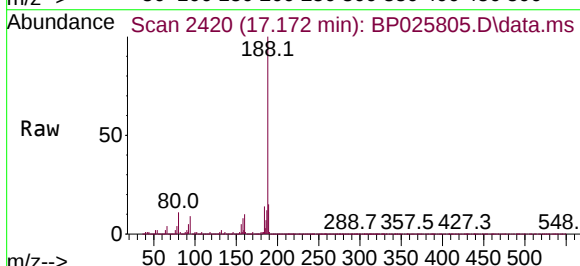
Tgt Ion:188 Resp: 929197

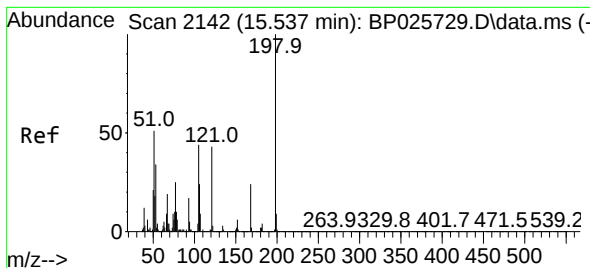
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

80 10.9 7.7 11.5

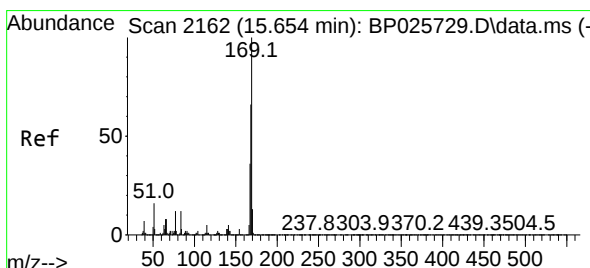
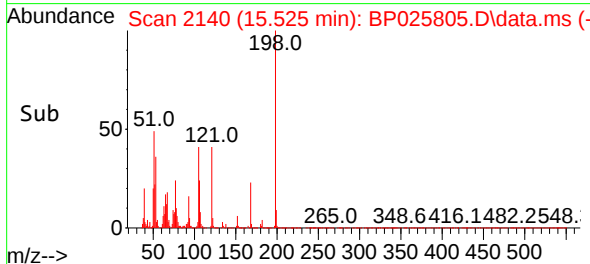
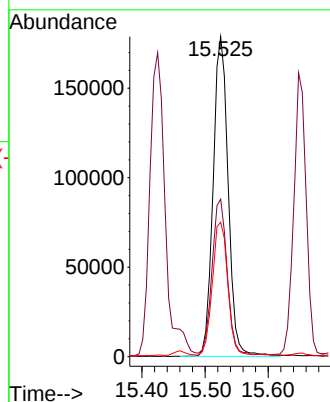
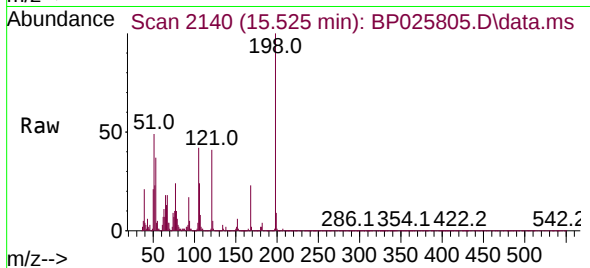




#65
4,6-Dinitro-2-methylphenol
Concen: 48.043 ng
RT: 15.525 min Scan# 2140
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

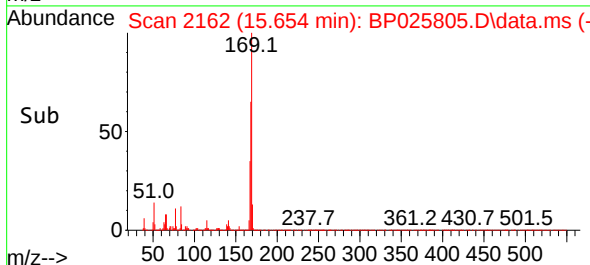
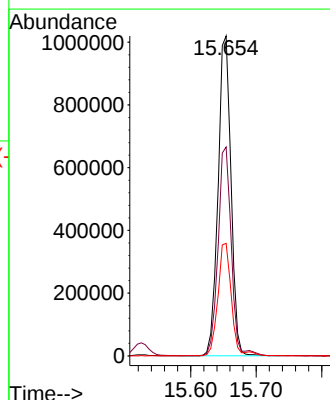
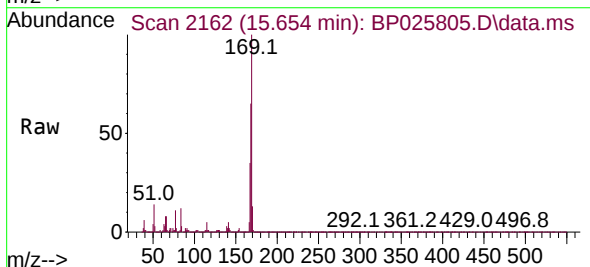
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

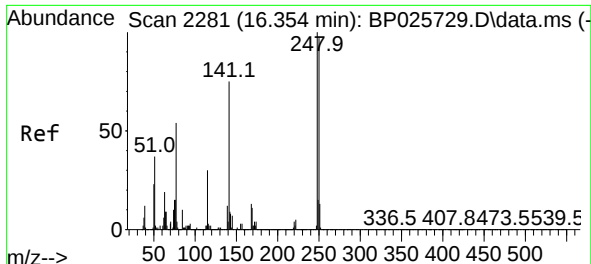
Tgt Ion:198 Resp: 296883
Ion Ratio Lower Upper
198 100
51 49.2 33.4 73.4
105 42.0 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 49.257 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:169 Resp: 1400663
Ion Ratio Lower Upper
169 100
168 65.3 52.6 78.8
167 35.2 28.5 42.7

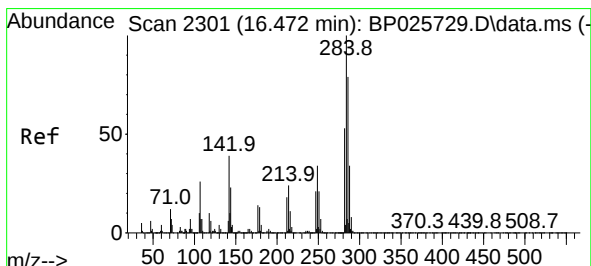
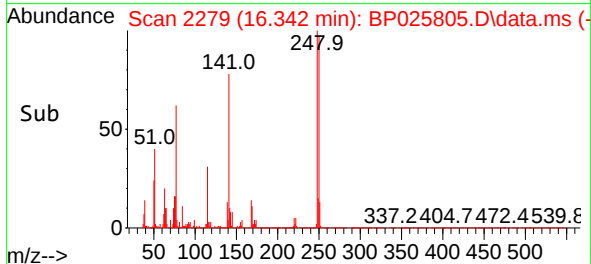
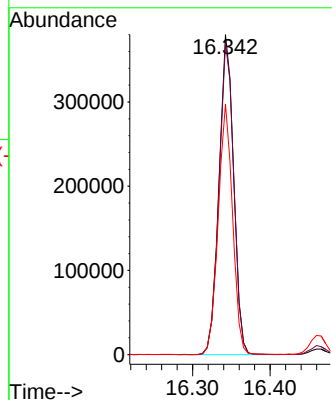
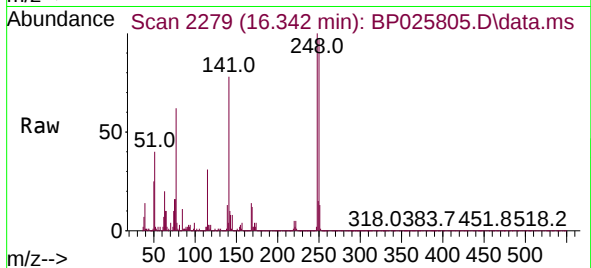




#67
4-Bromophenyl-phenylether
Concen: 48.751 ng
RT: 16.342 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

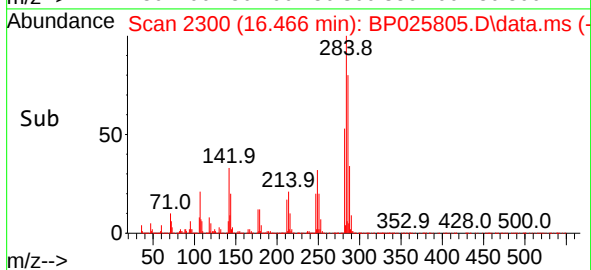
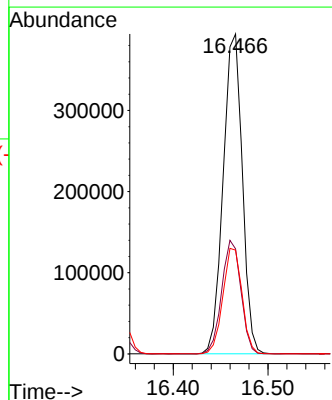
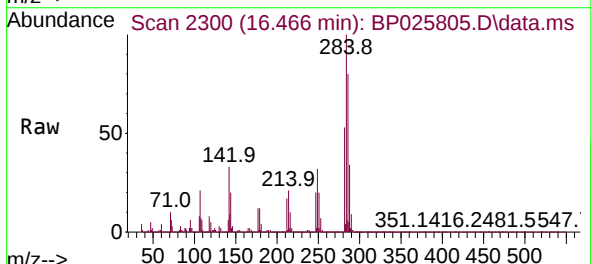
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

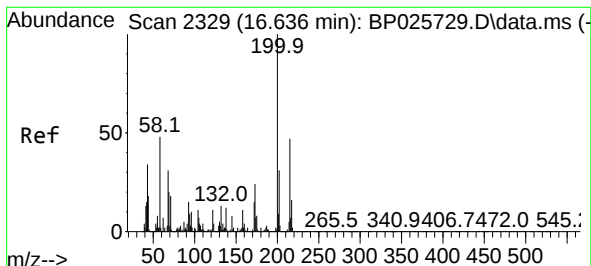
Tgt Ion:248 Resp: 497652
Ion Ratio Lower Upper
248 100
250 97.3 77.5 116.3
141 78.3 60.2 90.4



#68
Hexachlorobenzene
Concen: 48.613 ng
RT: 16.466 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:284 Resp: 553401
Ion Ratio Lower Upper
284 100
142 32.8 31.3 46.9
249 32.4 27.3 40.9





#69

Atrazine

Concen: 47.070 ng

RT: 16.630 min Scan# 2329

Delta R.T. -0.006 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

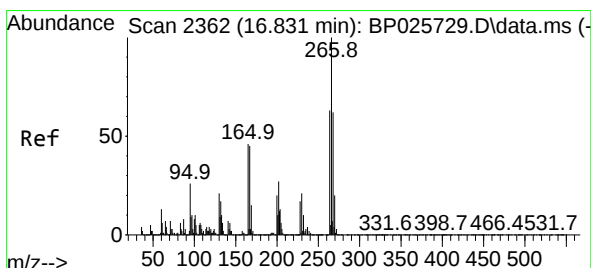
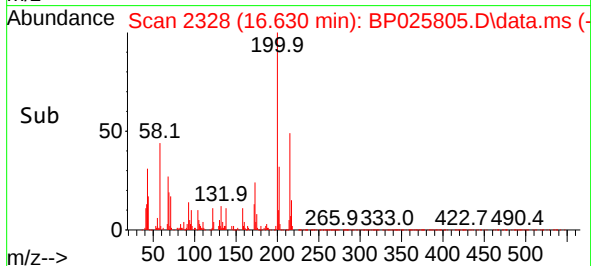
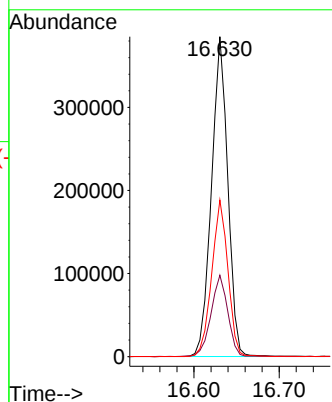
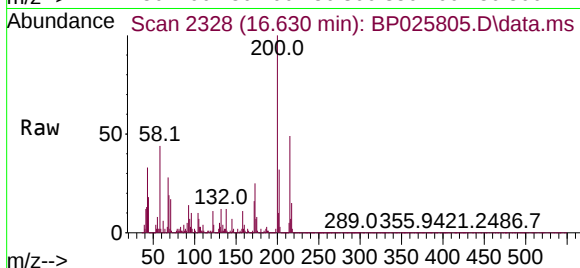
Tgt Ion:200 Resp: 511623

Ion Ratio Lower Upper

200 100

173 25.4 4.2 44.2

215 48.9 27.3 67.3



#70

Pentachlorophenol

Concen: 87.863 ng

RT: 16.825 min Scan# 2361

Delta R.T. -0.006 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

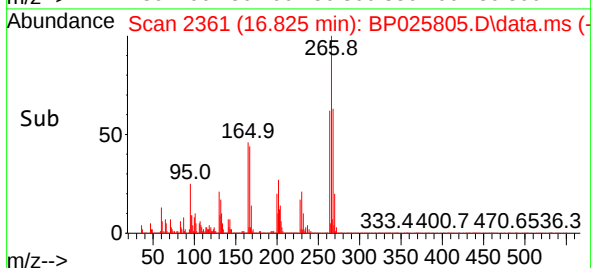
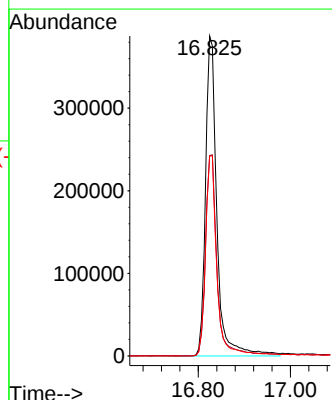
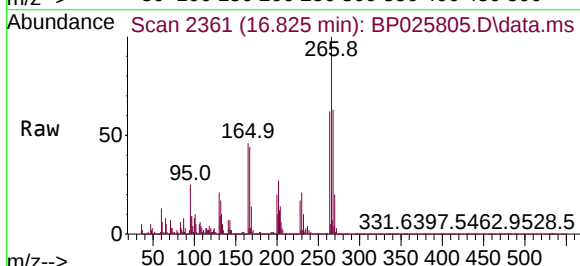
Tgt Ion:266 Resp: 660135

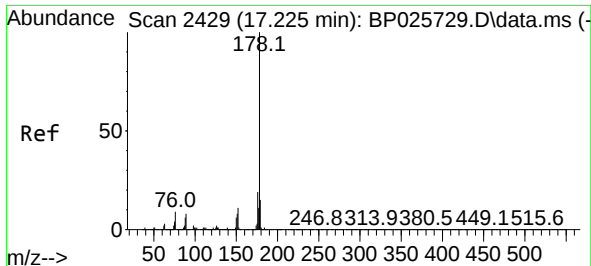
Ion Ratio Lower Upper

266 100

268 62.6 49.8 74.8

264 62.5 50.2 75.2

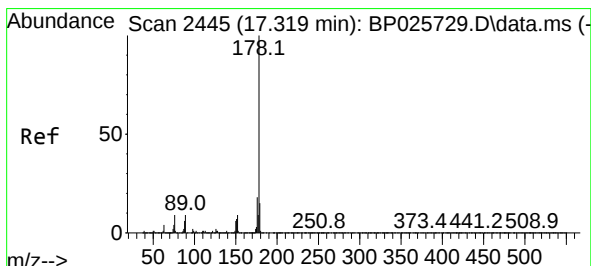
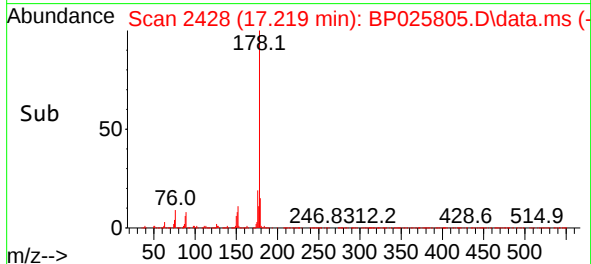
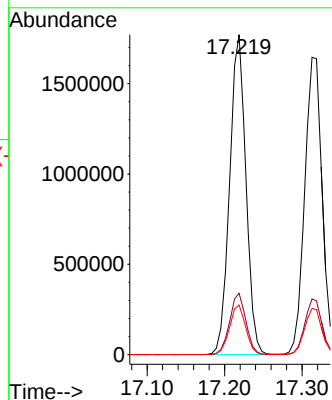
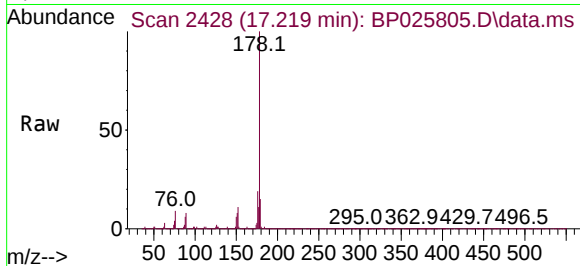




#71
Phenanthrene
Concen: 49.176 ng
RT: 17.219 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

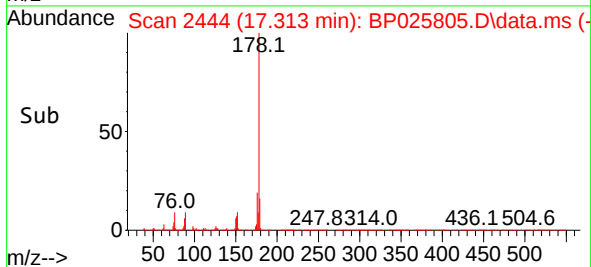
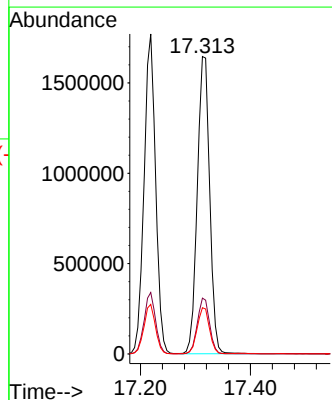
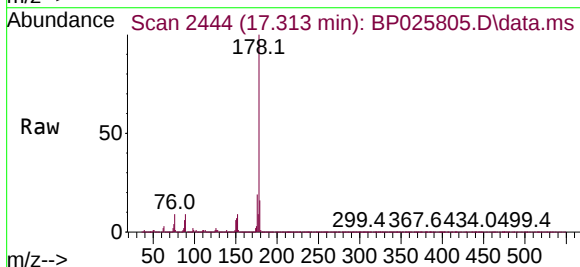
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

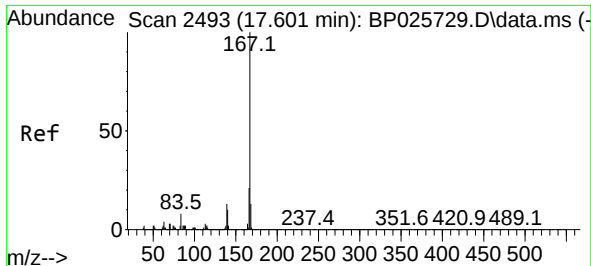
Tgt Ion:178 Resp: 2592038
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 48.124 ng
RT: 17.313 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:178 Resp: 2573700
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.2 18.4

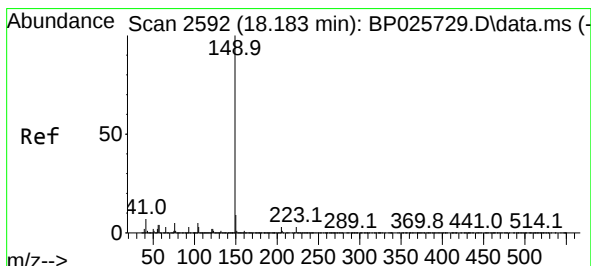
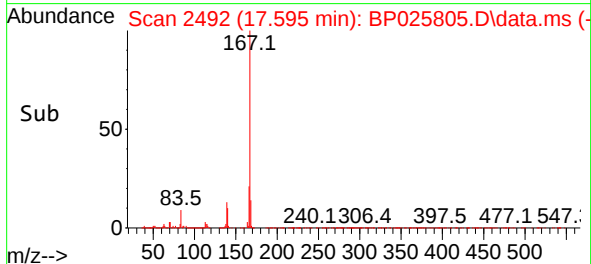
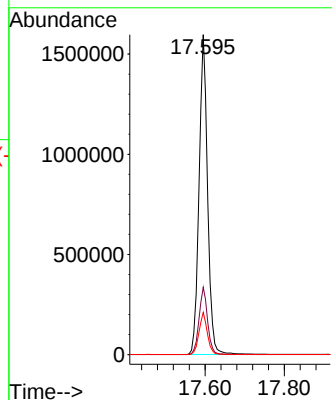
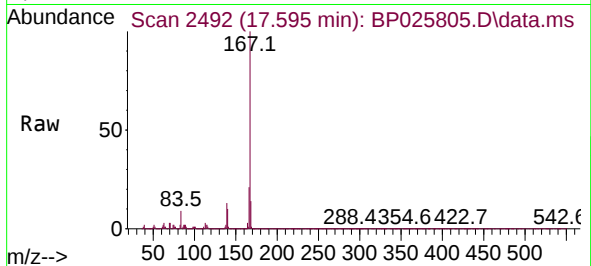




#73
 Carbazole
 Concen: 47.864 ng
 RT: 17.595 min Scan# 2493
 Delta R.T. -0.006 min
 Lab File: BP025805.D
 Acq: 19 Sep 2025 19:14

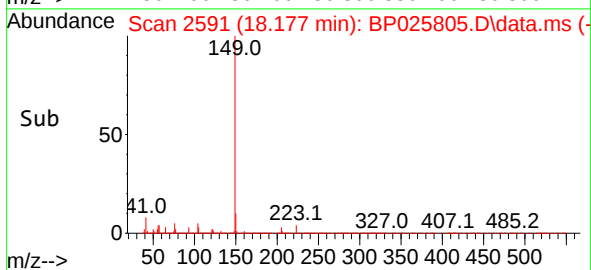
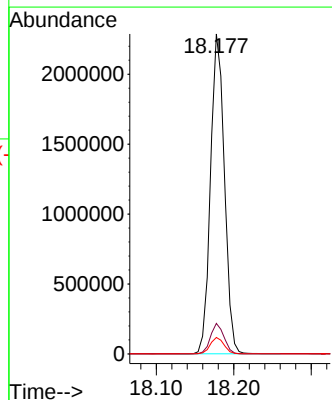
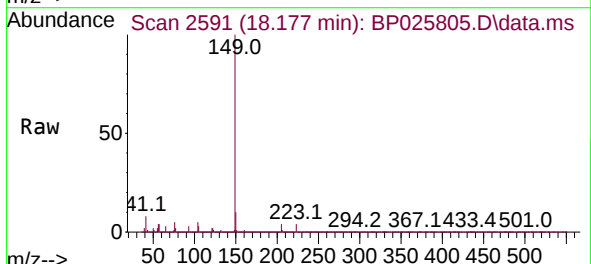
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-222MS

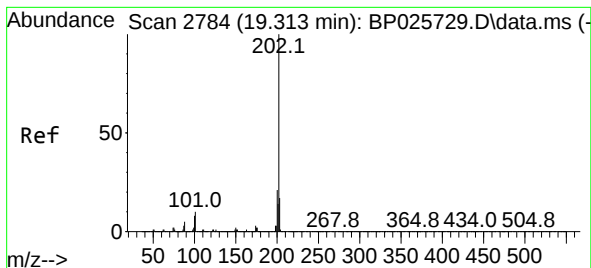
Tgt Ion:167 Resp: 2379857
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.656 ng
 RT: 18.177 min Scan# 2591
 Delta R.T. -0.006 min
 Lab File: BP025805.D
 Acq: 19 Sep 2025 19:14

Tgt Ion:149 Resp: 2846787
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 52.145 ng

RT: 19.307 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

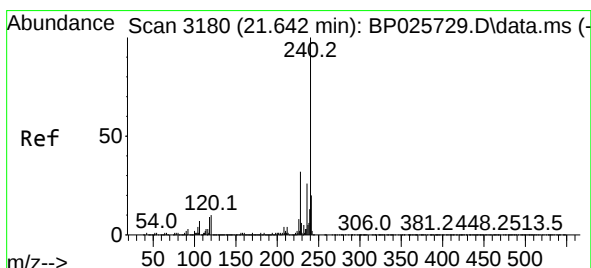
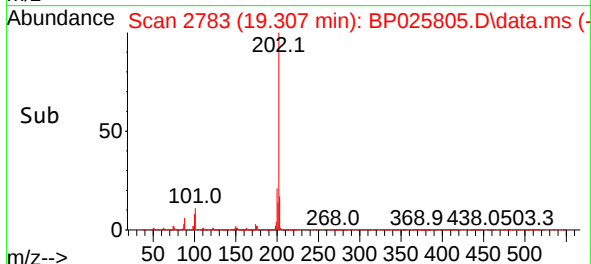
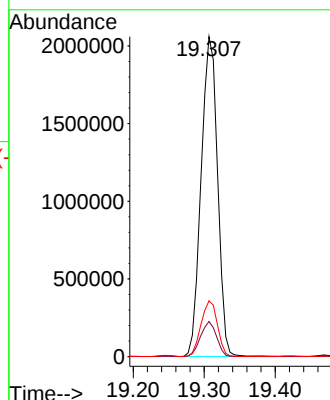
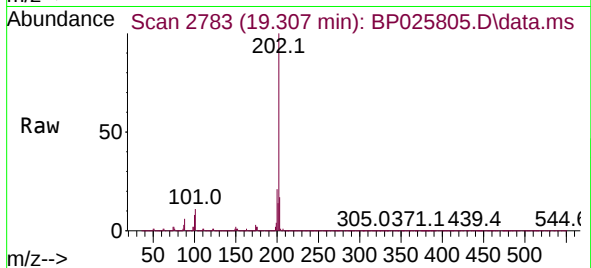
Tgt Ion:202 Resp: 3296354

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.4

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3177

Delta R.T. -0.018 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

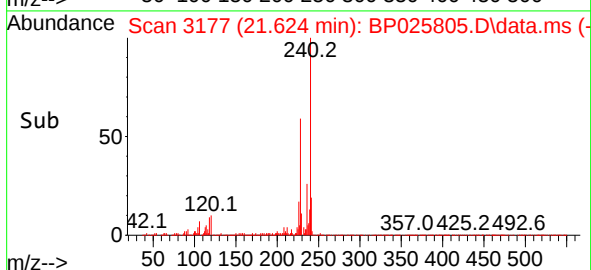
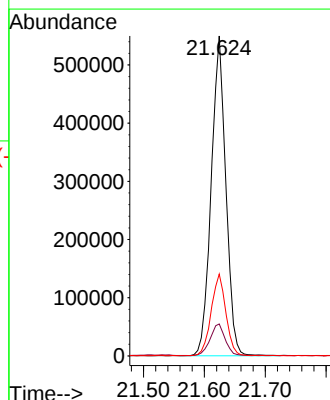
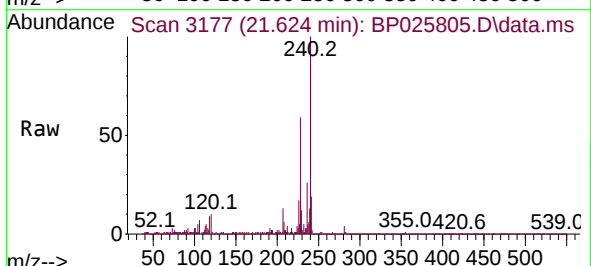
Tgt Ion:240 Resp: 917235

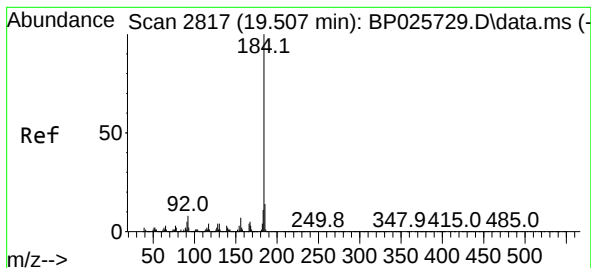
Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

236 25.6 20.7 31.1





#77

Benzidine

Concen: 60.297 ng

RT: 19.513 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

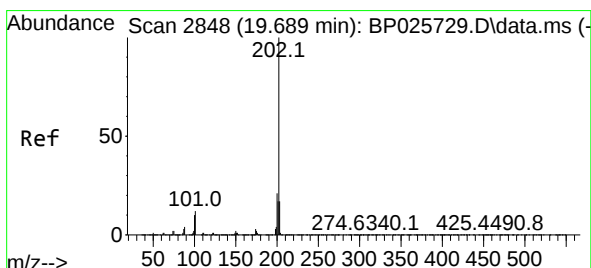
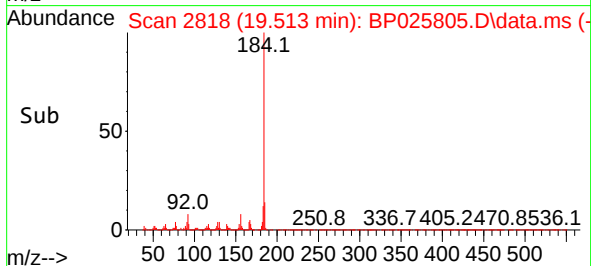
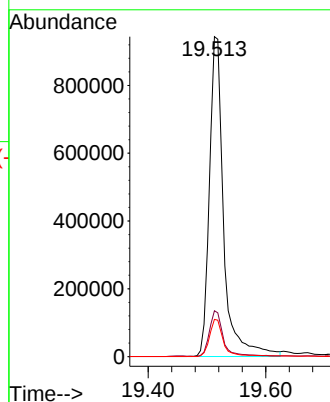
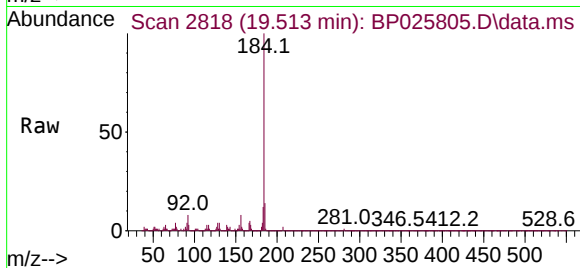
Tgt Ion:184 Resp: 1593132

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.6 9.2 13.8



#78

Pyrene

Concen: 54.603 ng

RT: 19.683 min Scan# 2847

Delta R.T. -0.006 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

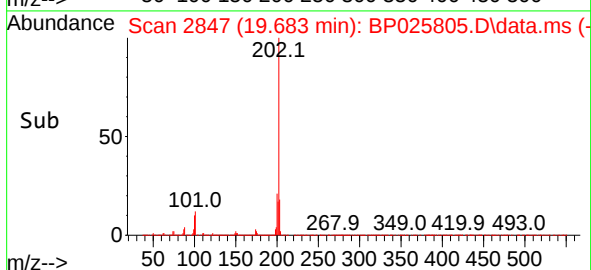
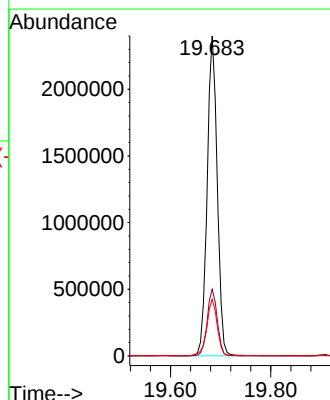
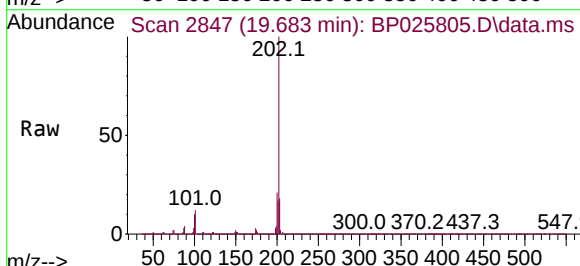
Tgt Ion:202 Resp: 3341850

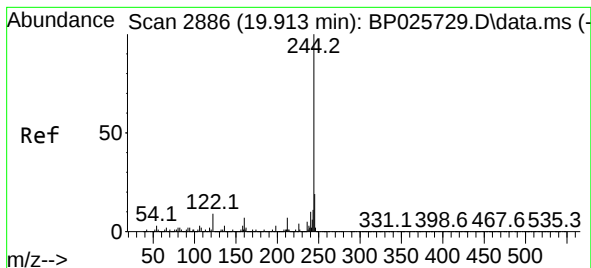
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 50.797 ng

RT: 19.907 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

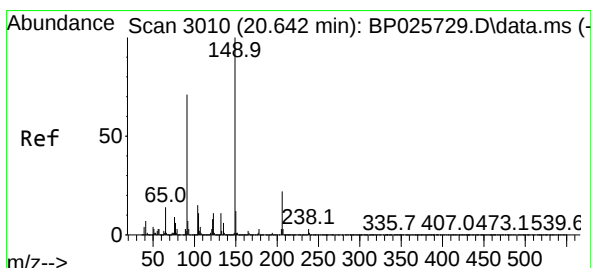
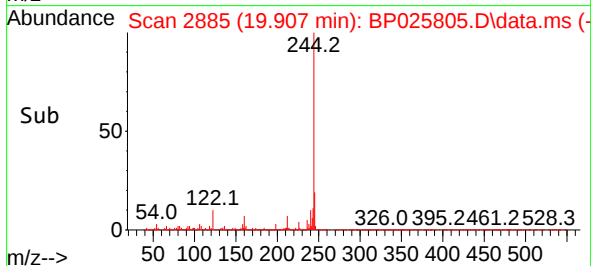
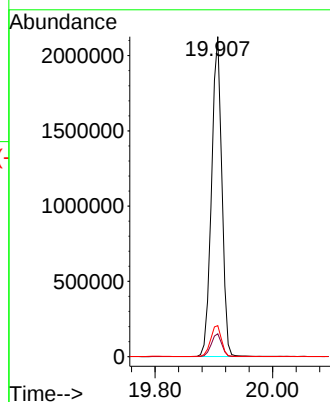
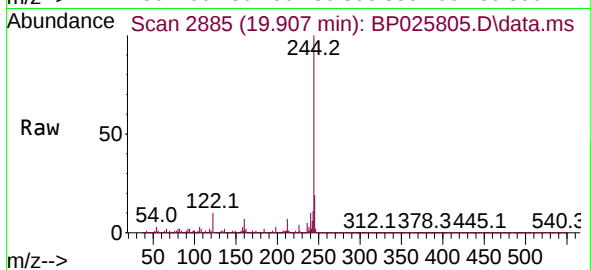
Tgt Ion:244 Resp: 2589965

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.7 7.1 10.7



#80

Butylbenzylphthalate

Concen: 50.872 ng

RT: 20.630 min Scan# 3008

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

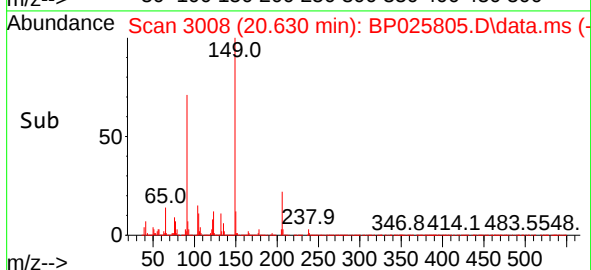
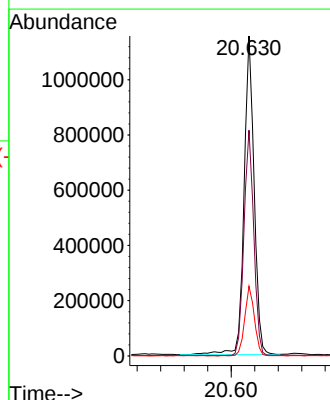
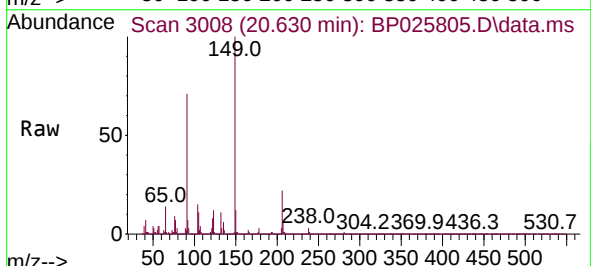
Tgt Ion:149 Resp: 1365150

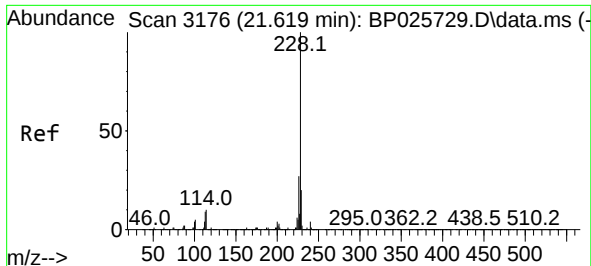
Ion Ratio Lower Upper

149 100

91 70.5 56.6 85.0

206 21.8 17.4 26.0

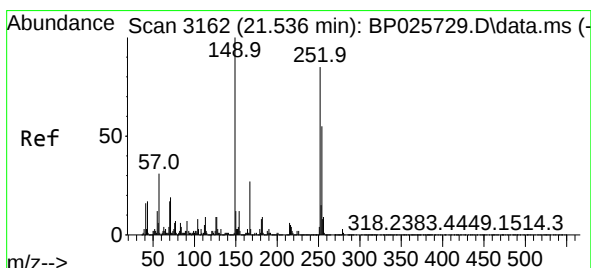
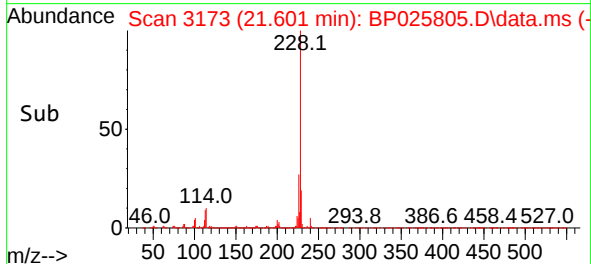
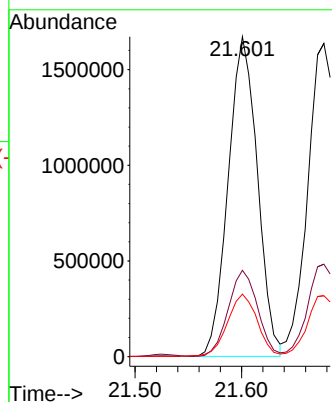
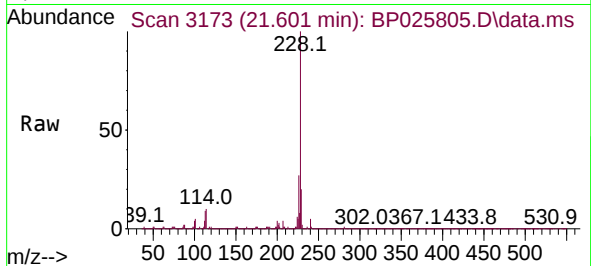




#81
Benzo(a)anthracene
Concen: 50.732 ng
RT: 21.601 min Scan# 3176
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

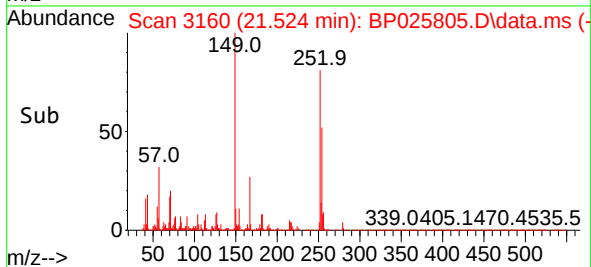
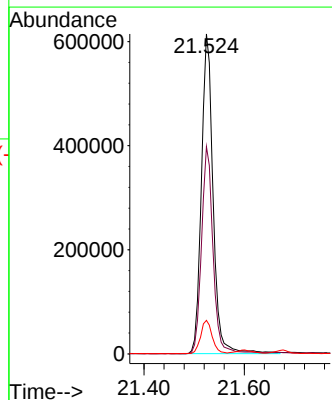
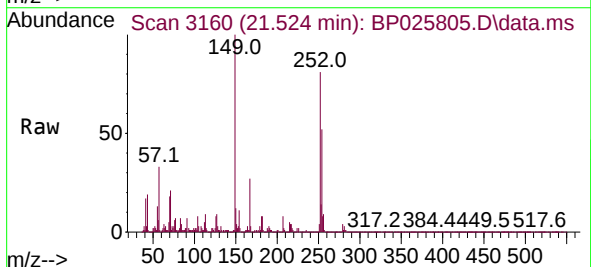
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

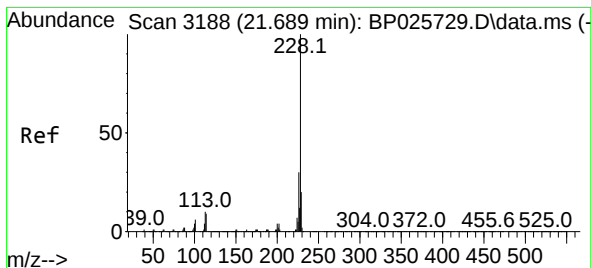
Tgt Ion:228 Resp: 3185736
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 45.888 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:252 Resp: 996363
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.0
126 10.5 8.3 12.5





#83

Chrysene

Concen: 49.966 ng

RT: 21.677 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

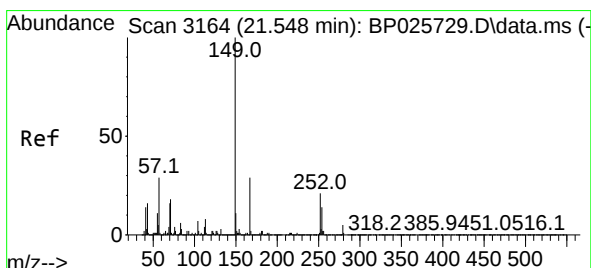
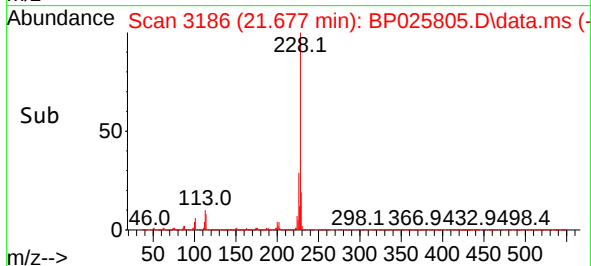
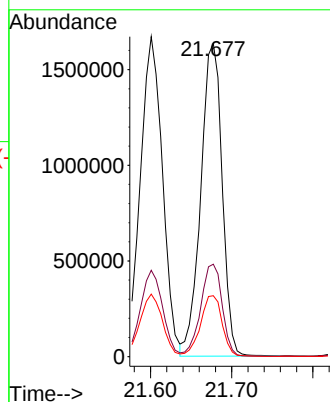
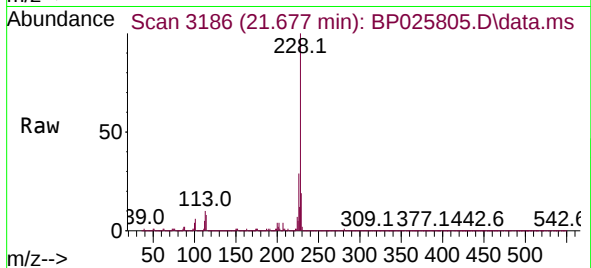
Tgt Ion:228 Resp: 2990977

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.476 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

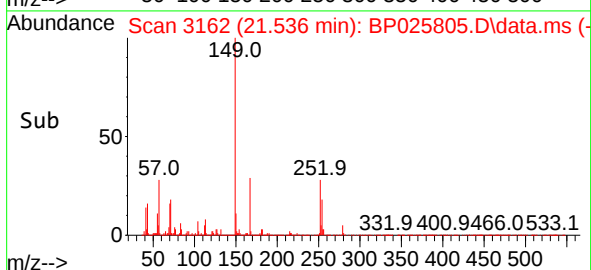
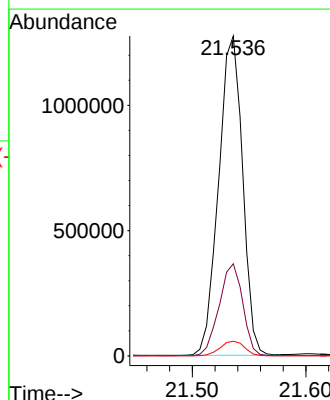
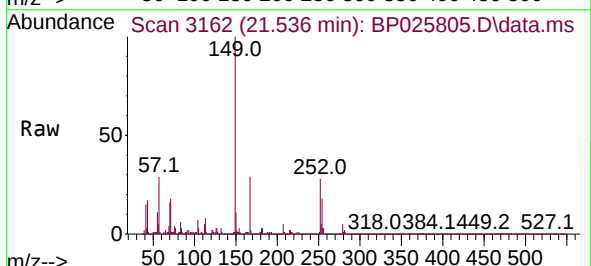
Tgt Ion:149 Resp: 1863931

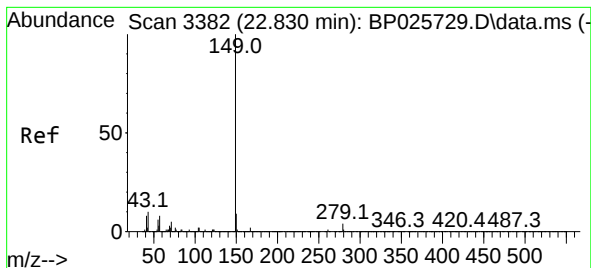
Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

279 4.6 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 48.516 ng

RT: 22.812 min Scan# 3382

Delta R.T. -0.018 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

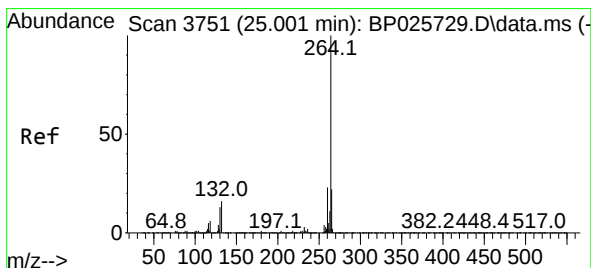
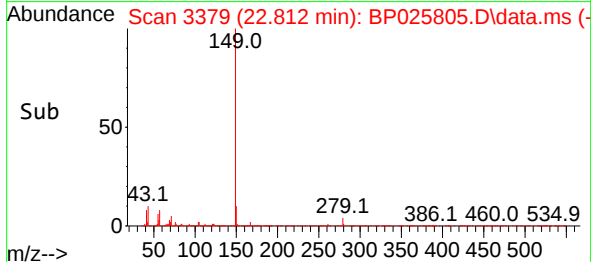
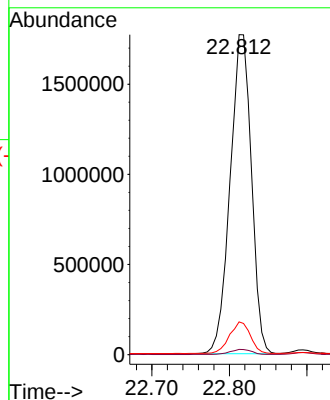
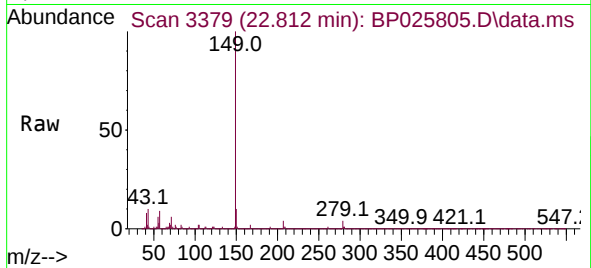
Tgt Ion:149 Resp: 3388228

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 3747

Delta R.T. -0.024 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

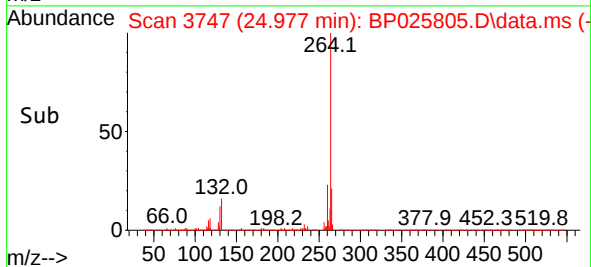
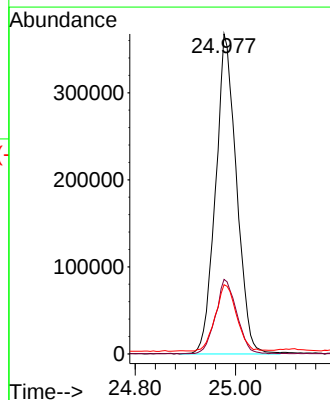
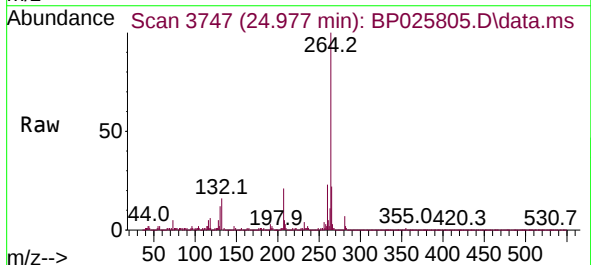
Tgt Ion:264 Resp: 1063473

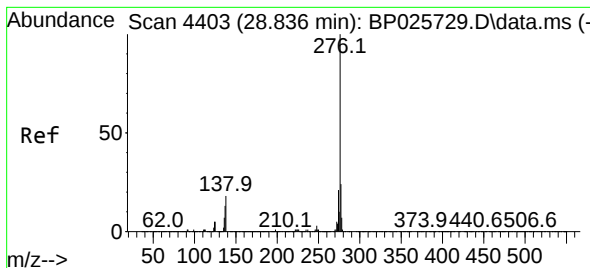
Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.894 ng

RT: 28.824 min Scan# 4403

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

Instrument :

BNA_P

ClientSampleId :

VNJ-222MS

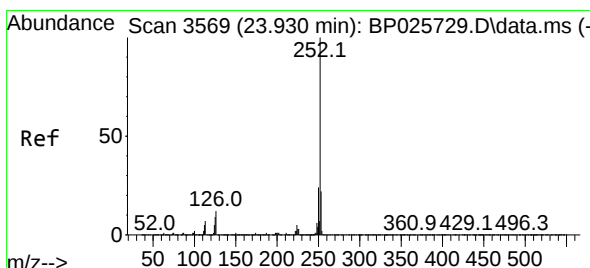
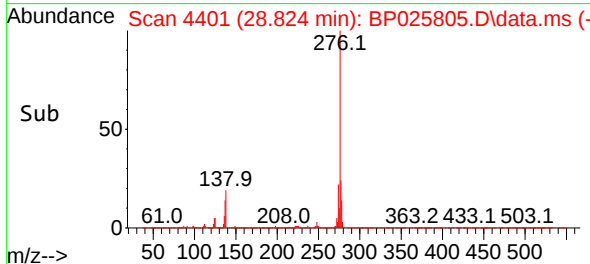
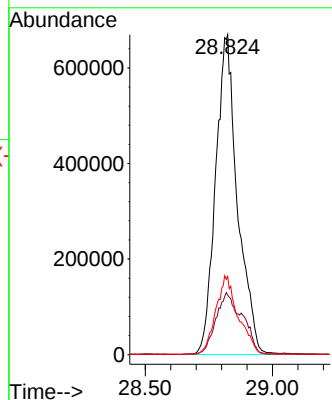
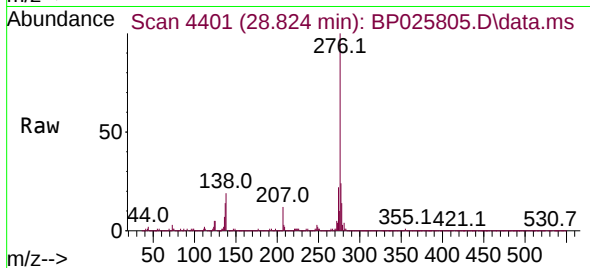
Tgt Ion:276 Resp: 4013404

Ion Ratio Lower Upper

276 100

138 23.0 13.4 20.2#

277 25.1 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 51.939 ng

RT: 23.918 min Scan# 3567

Delta R.T. -0.012 min

Lab File: BP025805.D

Acq: 19 Sep 2025 19:14

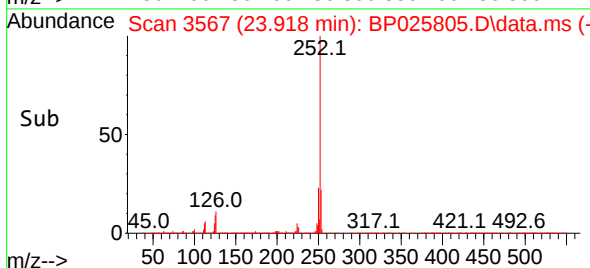
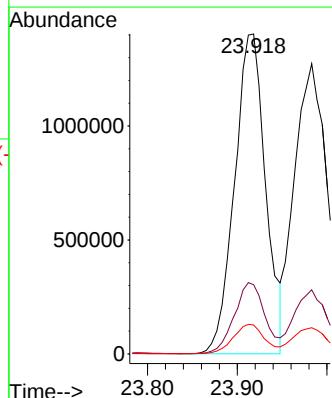
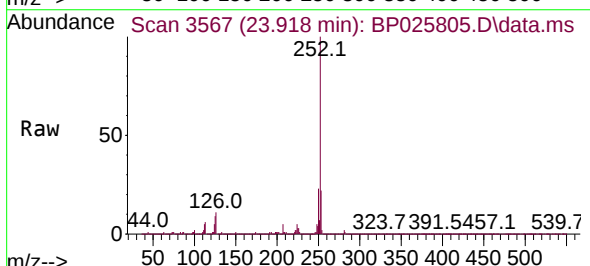
Tgt Ion:252 Resp: 3377775

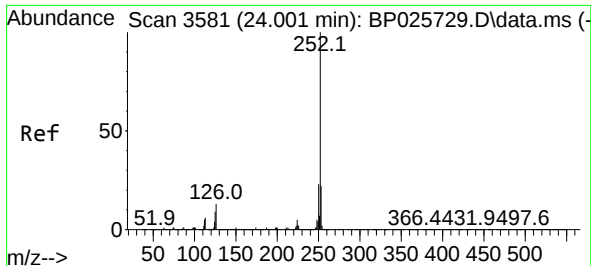
Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 9.0 7.3 10.9

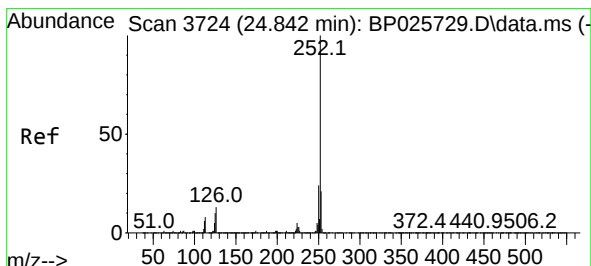
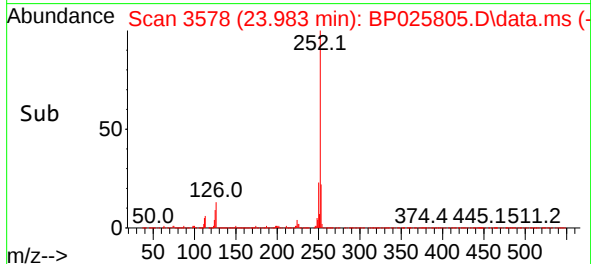
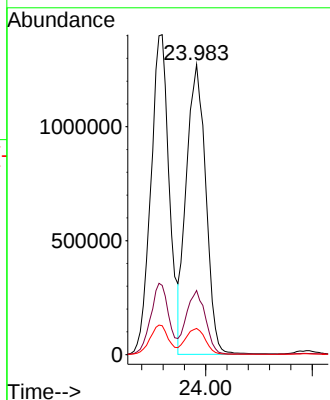
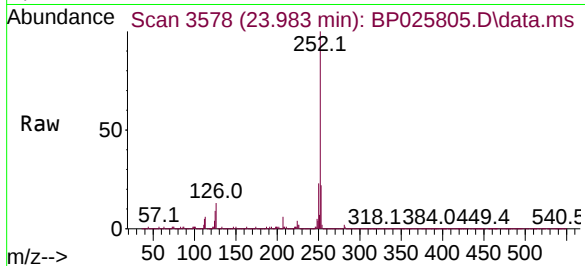




#89
Benzo(k)fluoranthene
Concen: 48.657 ng
RT: 23.983 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

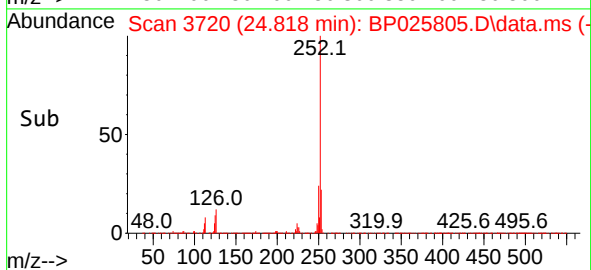
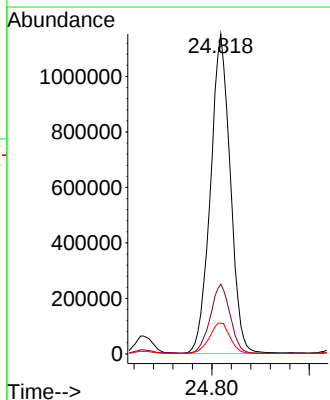
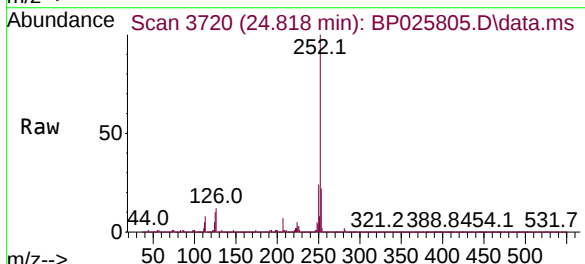
Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

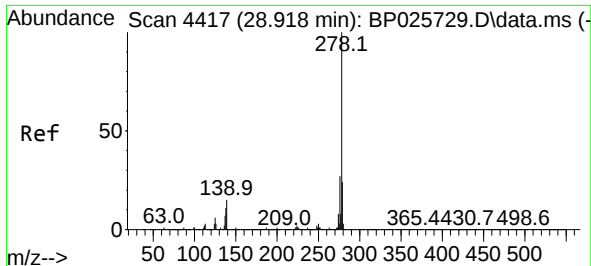
Tgt Ion:252 Resp: 3229002
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 51.041 ng
RT: 24.818 min Scan# 3720
Delta R.T. -0.024 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:252 Resp: 3250689
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.6 8.3 12.5

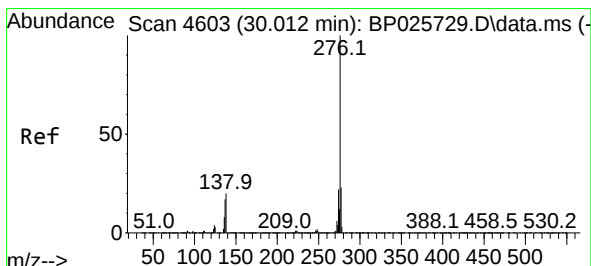
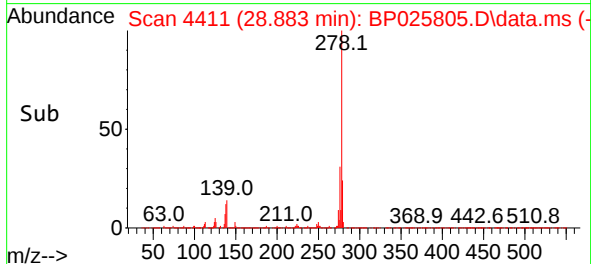
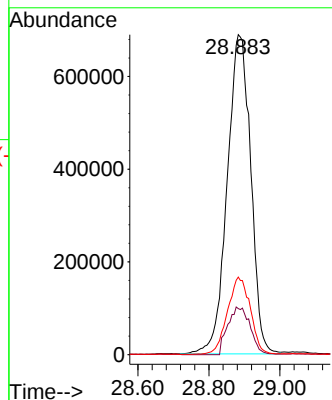
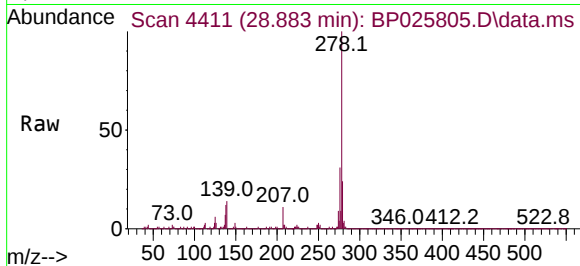




#91
Dibenzo(a,h)anthracene
Concen: 50.012 ng
RT: 28.883 min Scan# 4417
Delta R.T. -0.035 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

Tgt Ion:278 Resp: 3165143
Ion Ratio Lower Upper
278 100
139 14.4 12.1 18.1
279 24.2 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 52.450 ng
RT: 30.000 min Scan# 4601
Delta R.T. -0.012 min
Lab File: BP025805.D
Acq: 19 Sep 2025 19:14

Tgt Ion:276 Resp: 3264469
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 20.8 16.0 24.0

