

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024821.D
 Acq On : 28 May 2025 18:52
 Operator : RC/JU
 Sample : Q2130-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3MS

Quant Time: May 29 02:20:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	102433	20.000	ng	0.00
21) Naphthalene-d8	10.410	136	421427	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	279740	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	646661	20.000	ng	0.01
76) Chrysene-d12	21.504	240	831473	20.000	ng	0.01
86) Perylene-d12	24.786	264	969535	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	755387	126.130	ng	0.00
7) Phenol-d6	6.852	99	886974	116.043	ng	0.00
23) Nitrobenzene-d5	8.793	82	609437	73.068	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	801951	169.102	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	1627433	76.219	ng	0.00
79) Terphenyl-d14	19.798	244	3884402	80.106	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	88595	31.503	ng	# 69
3) Pyridine	3.623	79	204074	32.726	ng	98
4) n-Nitrosodimethylamine	3.523	42	111484	40.496	ng	93
6) Aniline	6.987	93	297922	30.189	ng	99
8) 2-Chlorophenol	7.228	128	310013	45.599	ng	95
9) Benzaldehyde	6.805	77	138932	28.079	ng	95
10) Phenol	6.875	94	309223	39.196	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	251479	38.794	ng	98
12) 1,3-Dichlorobenzene	7.540	146	315684	40.359	ng	98
13) 1,4-Dichlorobenzene	7.681	146	324638	41.265	ng	99
14) 1,2-Dichlorobenzene	7.993	146	312974	40.827	ng	99
15) Benzyl Alcohol	7.899	79	261412	45.005	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.164	45	287487	37.032	ng	98
17) 2-Methylphenol	8.105	107	247302	43.706	ng	99
18) Hexachloroethane	8.711	117	113790	37.745	ng	95
19) n-Nitroso-di-n-propyla...	8.446	70	202839	38.363	ng	97
20) 3+4-Methylphenols	8.434	107	332285	43.172	ng	99
22) Acetophenone	8.463	105	443376	42.118	ng	100
24) Nitrobenzene	8.840	77	299682	40.829	ng	94
25) Isophorone	9.358	82	583932	40.360	ng	97
26) 2-Nitrophenol	9.540	139	169801	47.210	ng	96
27) 2,4-Dimethylphenol	9.616	122	297420	46.902	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	348373	40.303	ng	99
29) 2,4-Dichlorophenol	10.093	162	297026	48.336	ng	95
30) 1,2,4-Trichlorobenzene	10.281	180	304930	44.034	ng	97
31) Naphthalene	10.463	128	939908	43.039	ng	99
32) Benzoic acid	9.787	122	176738m	41.274	ng	
33) 4-Chloroaniline	10.593	127	178169	20.218	ng	98
34) Hexachlorobutadiene	10.746	225	191069	42.593	ng	98
35) Caprolactam	11.381	113	97833	44.003	ng	98
36) 4-Chloro-3-methylphenol	11.728	107	357740	47.738	ng	99
37) 2-Methylnaphthalene	12.075	142	620551	43.884	ng	99
38) 1-Methylnaphthalene	12.299	142	664869	43.943	ng	99
40) 1,2,4,5-Tetrachloroben...	12.452	216	359991	44.316	ng	100
41) Hexachlorocyclopentadiene	12.422	237	311961	63.333	ng	96
43) 2,4,6-Trichlorophenol	12.699	196	263717	50.121	ng	98

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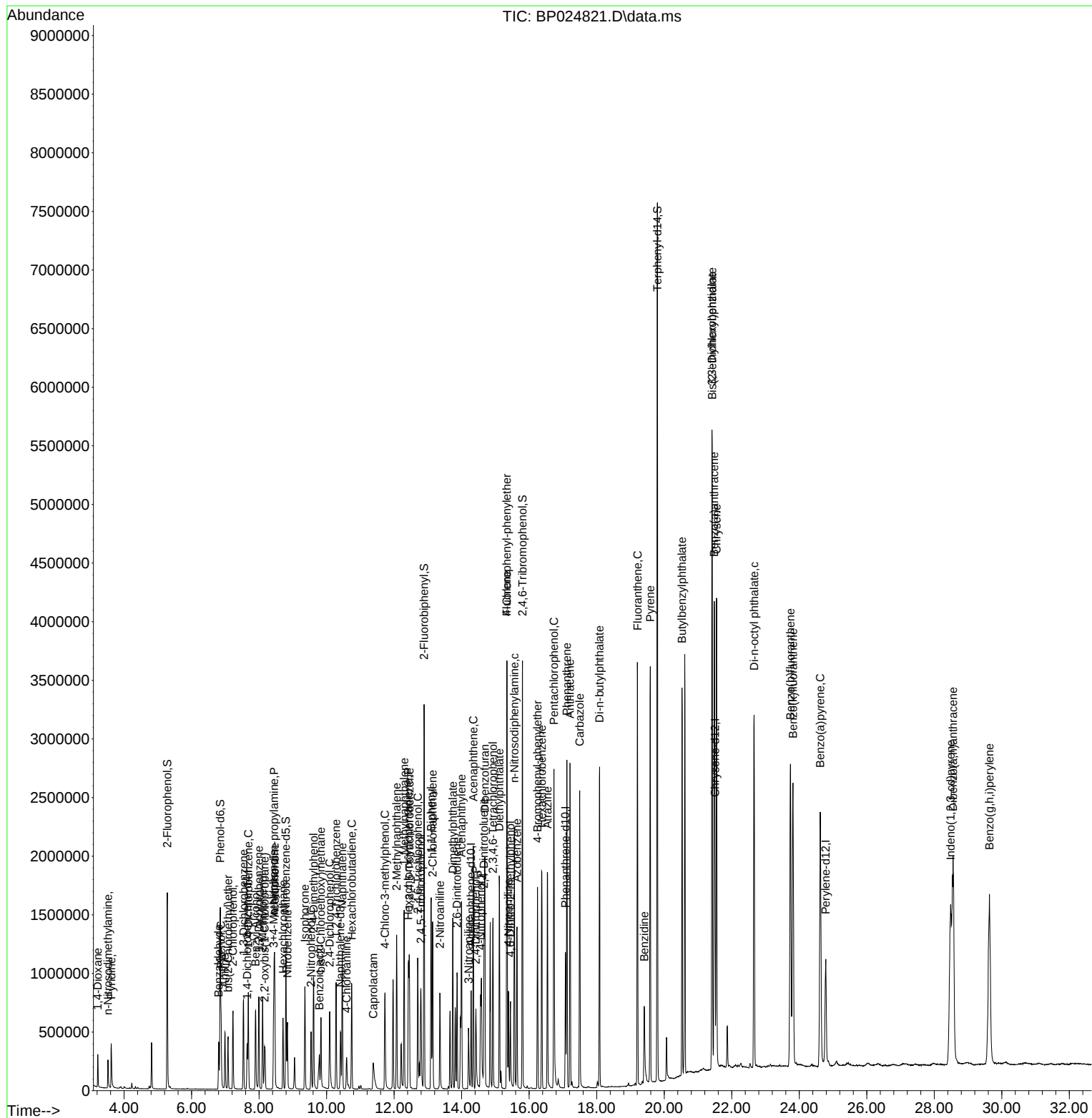
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	297119	50.731	ng	96
46) 1,1'-Biphenyl	13.099	154	912222	44.120	ng	99
47) 2-Chloronaphthalene	13.140	162	699649	44.380	ng	99
48) 2-Nitroaniline	13.357	65	219729	47.078	ng	95
49) Acenaphthylene	13.993	152	1183692	44.867	ng	99
50) Dimethylphthalate	13.740	163	1004705	47.121	ng	100
51) 2,6-Dinitrotoluene	13.863	165	222068	49.315	ng	97
52) Acenaphthene	14.346	154	683171	45.044	ng	99
53) 3-Nitroaniline	14.204	138	156808	34.104	ng	96
54) 2,4-Dinitrophenol	14.422	184	212318	75.190	ng	97
55) Dibenzofuran	14.687	168	1131618	46.777	ng	98
56) 4-Nitrophenol	14.563	139	345966	86.546	ng	96
57) 2,4-Dinitrotoluene	14.663	165	343889	54.169	ng	94
58) Fluorene	15.340	166	955854	48.457	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	288841	53.163	ng	96
60) Diethylphthalate	15.116	149	1064779	49.409	ng	99
61) 4-Chlorophenyl-phenyle...	15.340	204	476025	48.390	ng	99
62) 4-Nitroaniline	15.387	138	243677m	54.886	ng	
63) Azobenzene	15.640	77	816587	44.294	ng	94
65) 4,6-Dinitro-2-methylph...	15.445	198	170960	40.929	ng	97
66) n-Nitrosodiphenylamine	15.563	169	869442	43.772	ng	99
67) 4-Bromophenyl-phenylether	16.245	248	345921	45.397	ng	98
68) Hexachlorobenzene	16.375	284	463287	47.848	ng	95
69) Atrazine	16.545	200	364414	50.062	ng	99
70) Pentachlorophenol	16.734	266	621780	114.398	ng	99
71) Phenanthrene	17.116	178	1624906	45.201	ng	100
72) Anthracene	17.210	178	1689606	46.715	ng	100
73) Carbazole	17.498	167	1651165	50.439	ng	100
74) Di-n-butylphthalate	18.087	149	2108014	50.070	ng	99
75) Fluoranthene	19.210	202	2165687	51.537	ng	98
77) Benzidine	19.410	184	575195m	25.399	ng	
78) Pyrene	19.586	202	2261891	45.401	ng	100
80) Butylbenzylphthalate	20.528	149	1132985	51.134	ng	93
81) Benzo(a)anthracene	21.480	228	2400450	45.977	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	804445	41.484	ng	99
83) Chrysene	21.551	228	2260271	45.669	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	1687893	51.829	ng	98
85) Di-n-octyl phthalate	22.663	149	2816394	52.884	ng	99
87) Indeno(1,2,3-cd)pyrene	28.486	276	3383382	47.800	ng	# 89
88) Benzo(b)fluoranthene	23.739	252	2580790	46.505	ng	99
89) Benzo(k)fluoranthene	23.816	252	2605845	45.570	ng	99
90) Benzo(a)pyrene	24.621	252	2458752	46.132	ng	99
91) Dibenzo(a,h)anthracene	28.557	278	2767794	48.066	ng	98
92) Benzo(g,h,i)perylene	29.633	276	2695955	47.080	ng	98

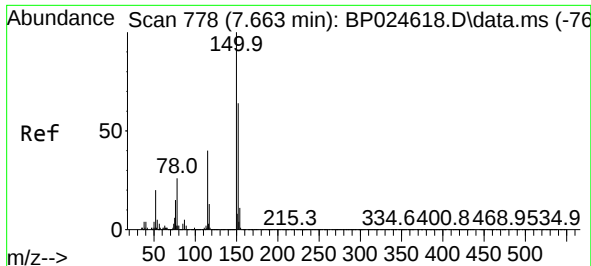
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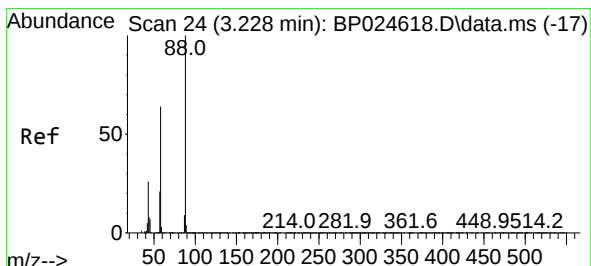
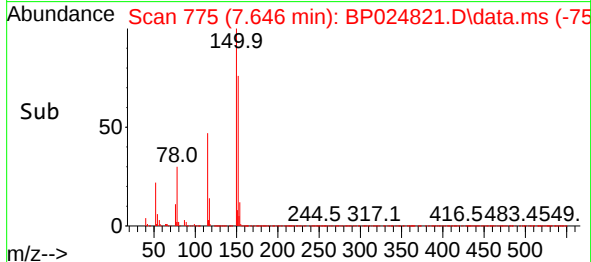
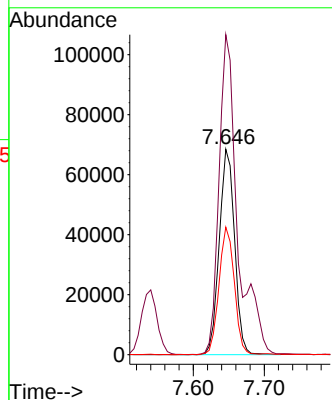
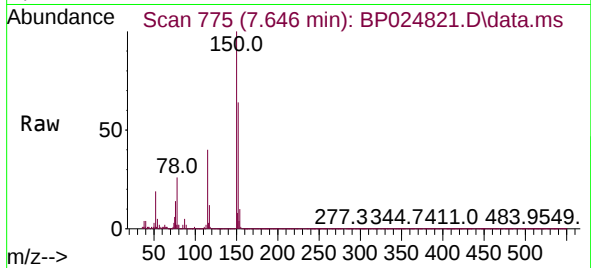




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024821.D
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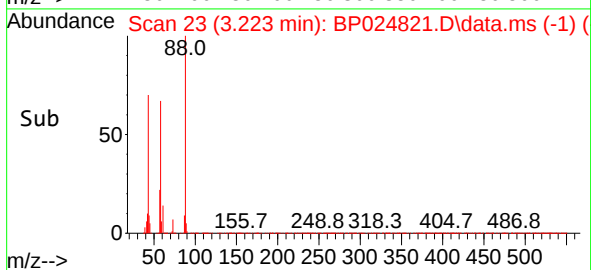
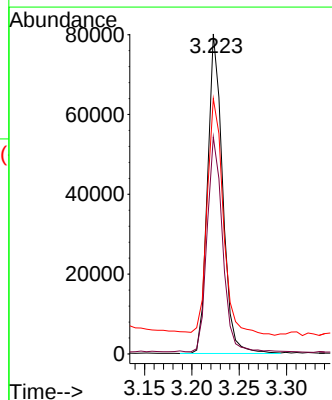
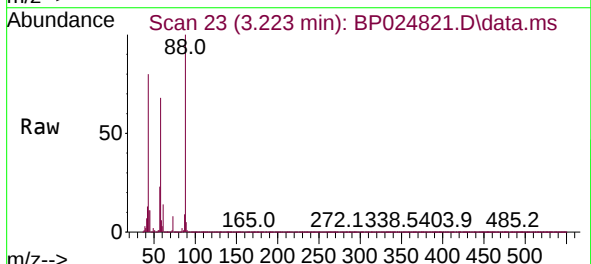
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ClientSampleId :
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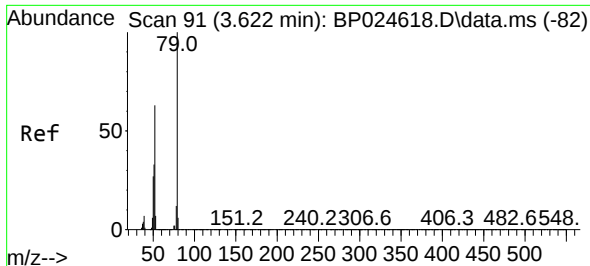
Tgt Ion:152 Resp: 102433
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 62.1 50.1 75.1



#2
1,4-Dioxane
Concen: 31.503 ng
RT: 3.223 min Scan# 23
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 88 Resp: 88595
Ion Ratio Lower Upper
88 100
58 70.0 54.0 81.0
43 78.9 21.4 32.0#

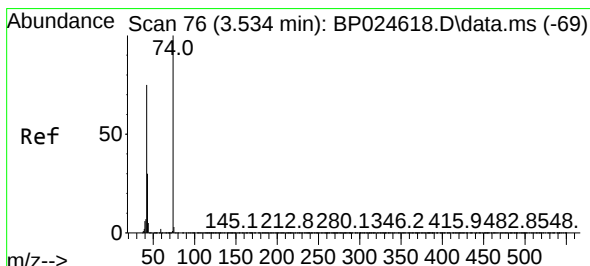
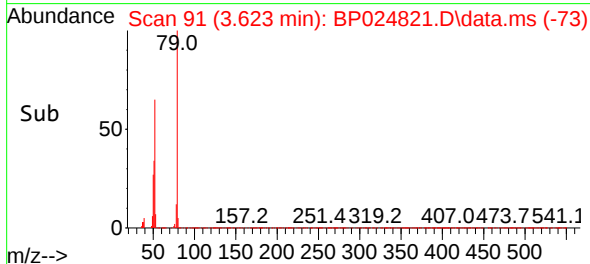
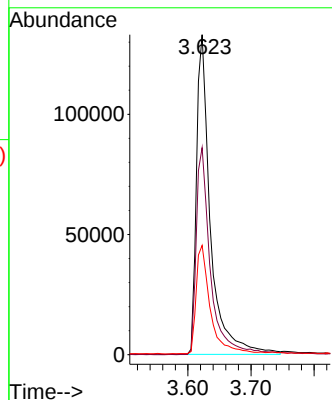
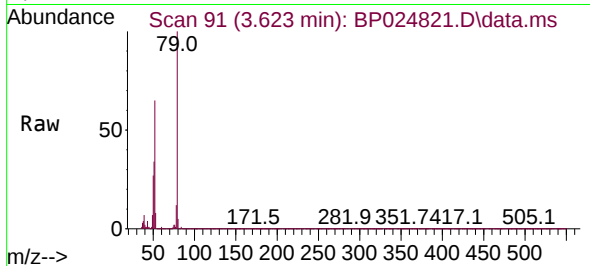




#3
Pyridine
Concen: 32.726 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

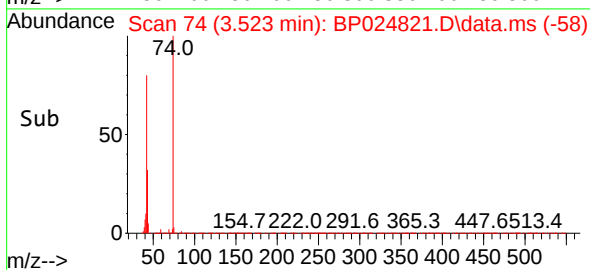
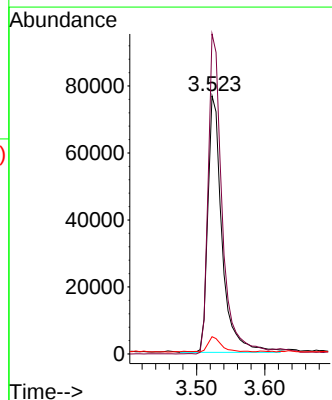
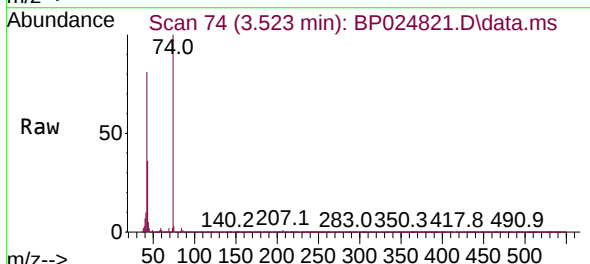
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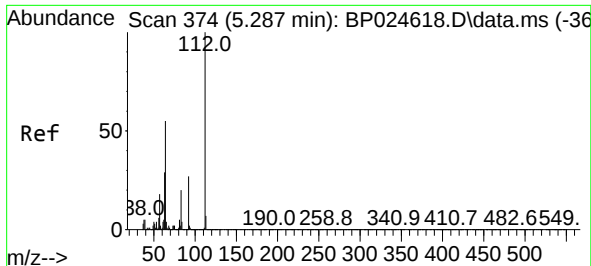
Tgt Ion: 79 Resp: 204074
Ion Ratio Lower Upper
79 100
52 64.7 50.2 75.2
51 34.2 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 40.496 ng
RT: 3.523 min Scan# 74
Delta R.T. -0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 42 Resp: 111484
Ion Ratio Lower Upper
42 100
74 124.0 106.2 159.2
44 6.7 5.4 8.2

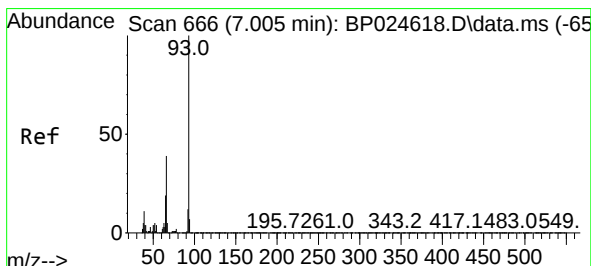
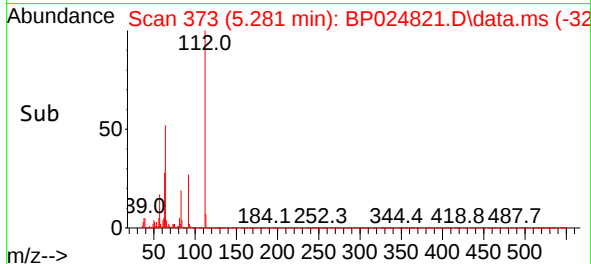
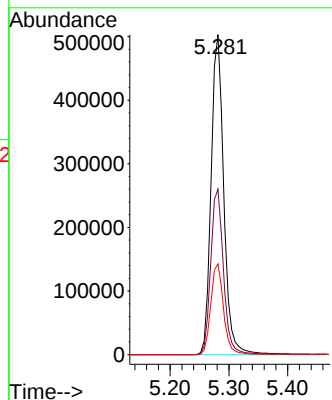
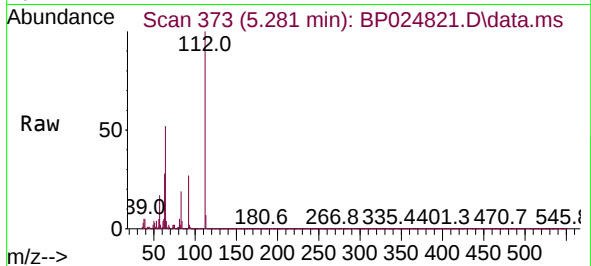




#5
2-Fluorophenol
Concen: 126.130 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

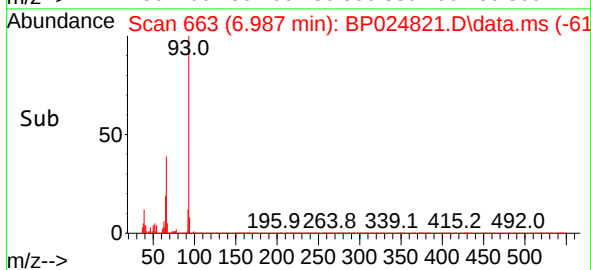
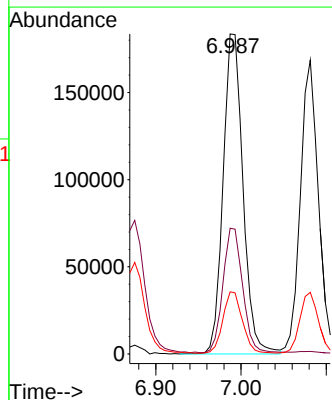
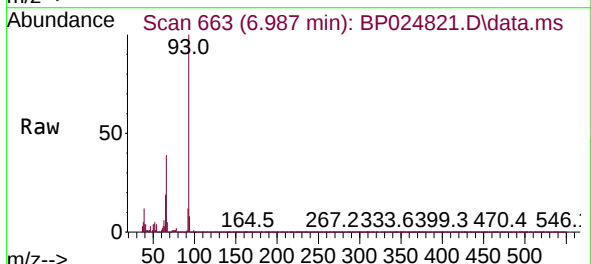
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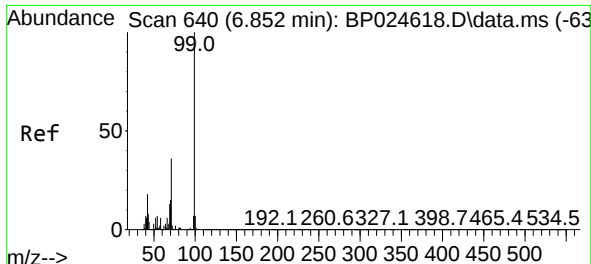
Tgt Ion:112 Resp: 755387
Ion Ratio Lower Upper
112 100
64 51.7 44.1 66.1
63 28.4 23.5 35.3



#6
Aniline
Concen: 30.189 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 93 Resp: 297922
Ion Ratio Lower Upper
93 100
66 39.3 31.0 46.6
65 19.4 15.5 23.3

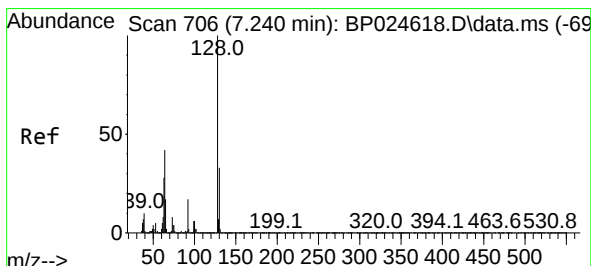
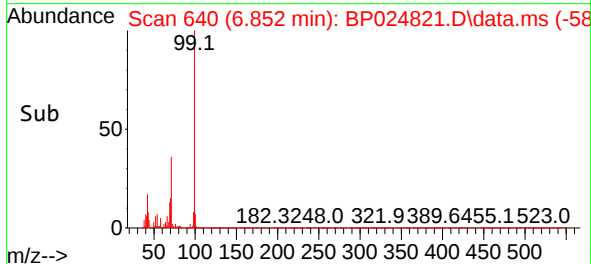
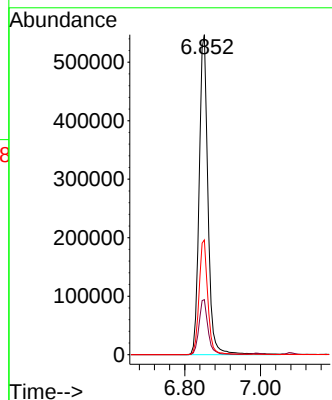
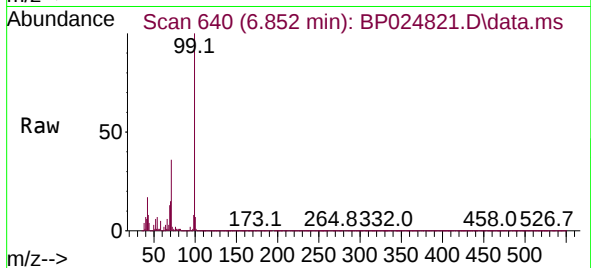




#7
Phenol-d6
Concen: 116.043 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024821.D
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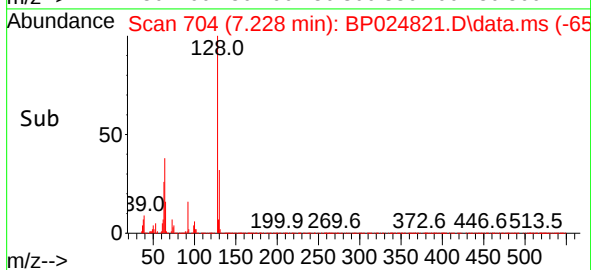
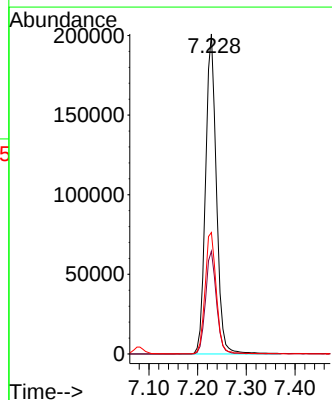
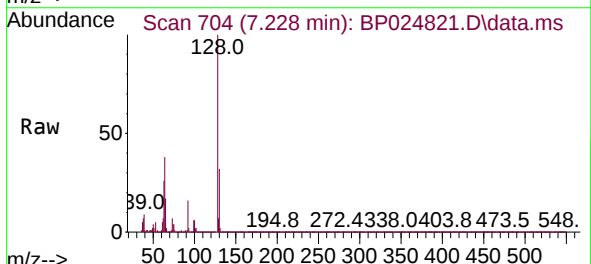
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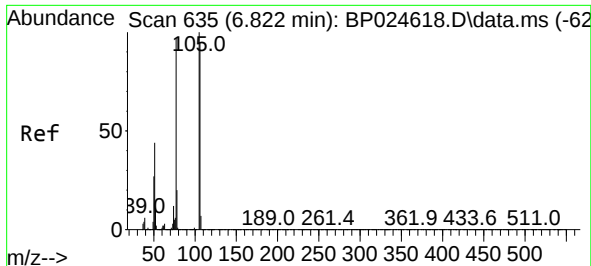
Tgt Ion: 99 Resp: 886974
Ion Ratio Lower Upper
99 100
42 17.2 14.4 21.6
71 35.9 29.2 43.8



#8
2-Chlorophenol
Concen: 45.599 ng
RT: 7.228 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 128 Resp: 310013
Ion Ratio Lower Upper
128 100
130 32.1 13.0 53.0
64 37.9 22.3 62.3

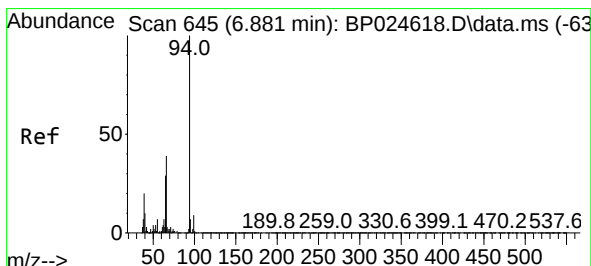
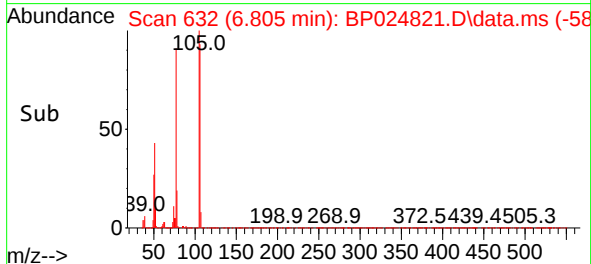
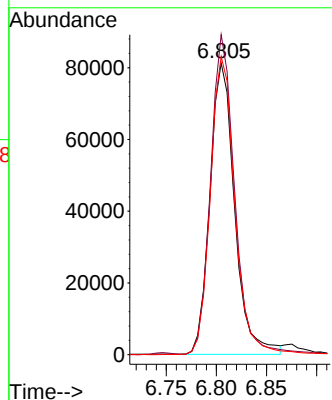
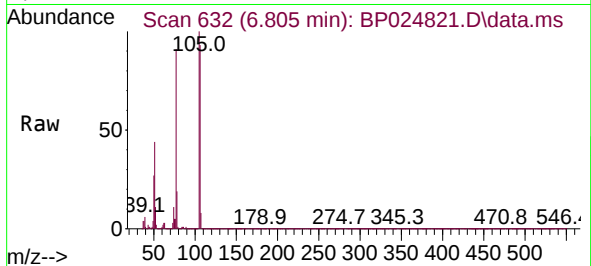




#9
Benzaldehyde
Concen: 28.079 ng
RT: 6.805 min Scan# 61
Delta R.T. 0.000 min
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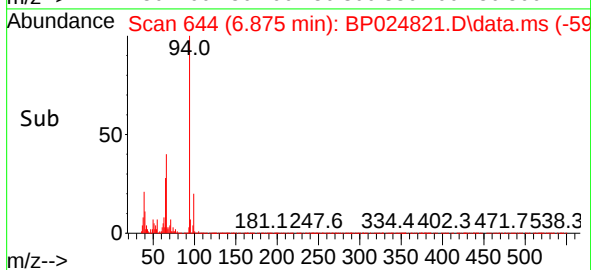
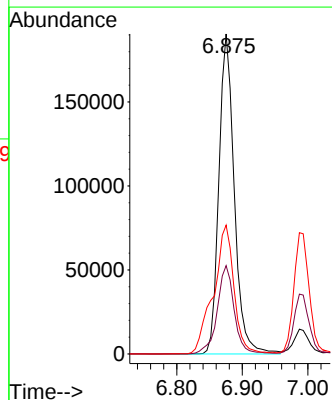
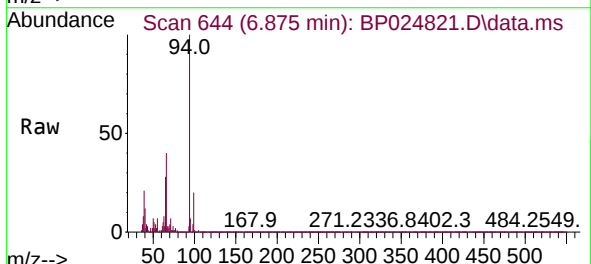
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Tgt Ion: 77 Resp: 138932
Ion Ratio Lower Upper
77 100
105 109.7 83.3 123.3
106 102.2 78.0 118.0



#10
Phenol
Concen: 39.196 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 309223
Ion Ratio Lower Upper
94 100
65 27.6 8.7 48.7
66 40.2 19.4 59.4

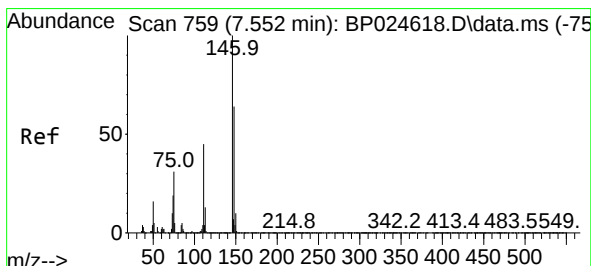
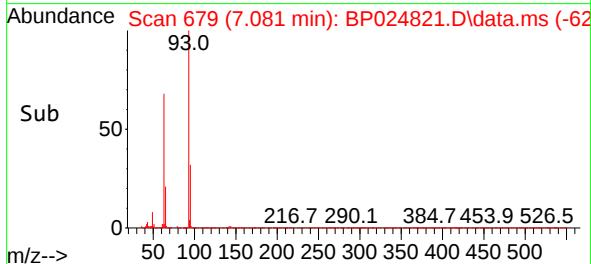
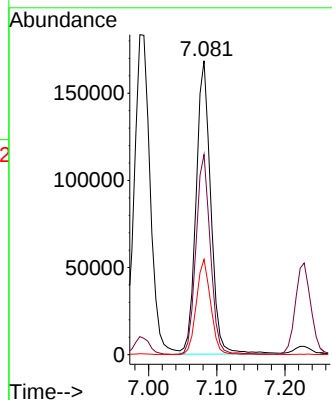
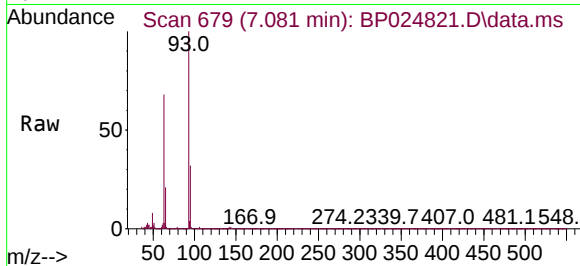




#11
bis(2-Chloroethyl)ether
Concen: 38.794 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

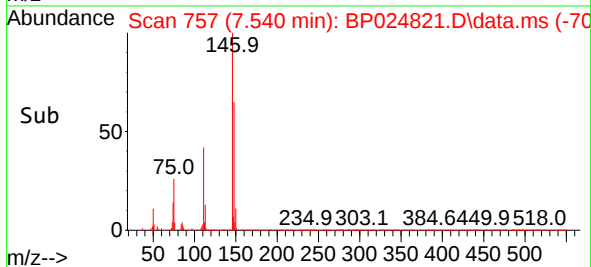
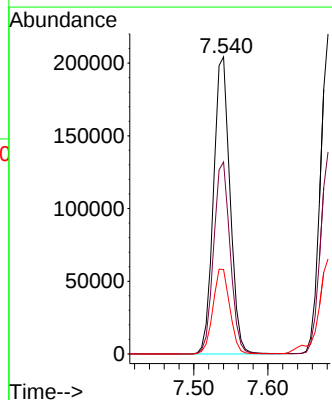
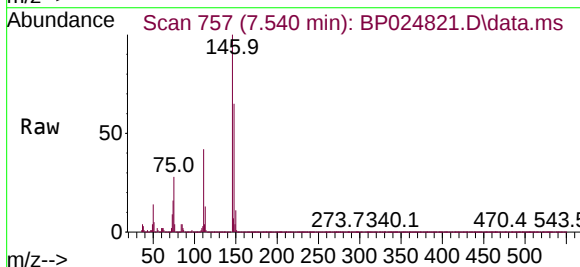
Instrument :
BNA_P
ClientSampleId :
TP-3MS

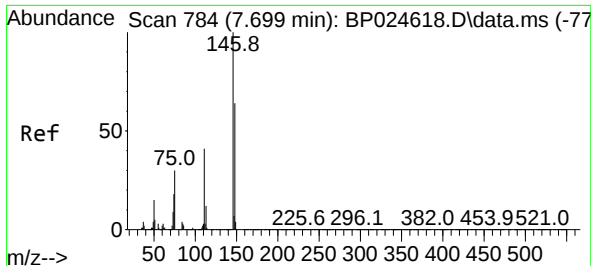
Tgt Ion: 93 Resp: 251479
Ion Ratio Lower Upper
93 100
63 68.1 50.6 90.6
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.359 ng
RT: 7.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 146 Resp: 315684
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 28.4 25.2 37.8

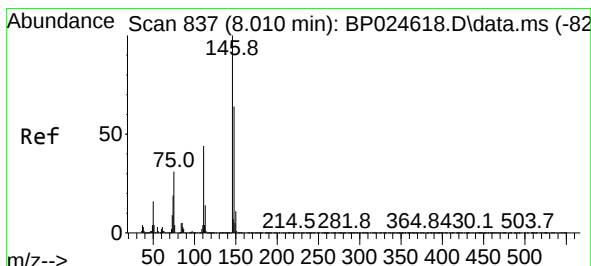
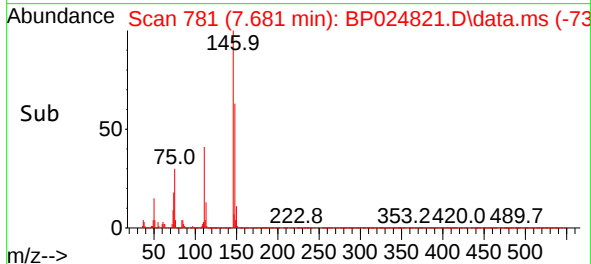
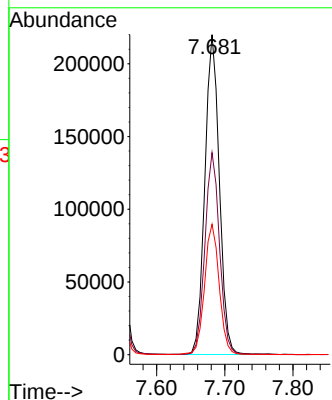
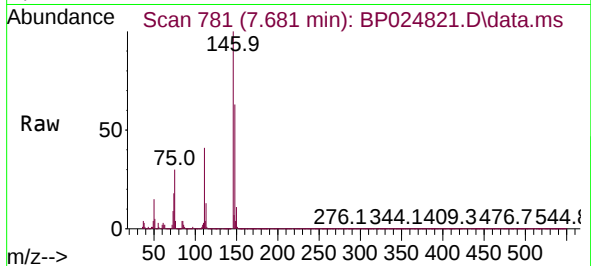




#13
1,4-Dichlorobenzene
Concen: 41.265 ng
RT: 7.681 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

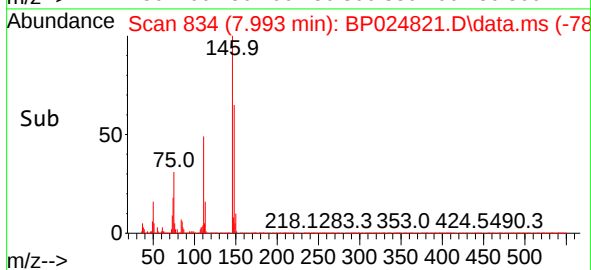
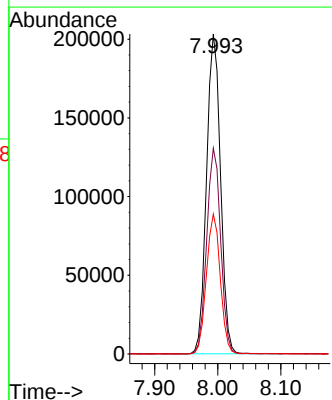
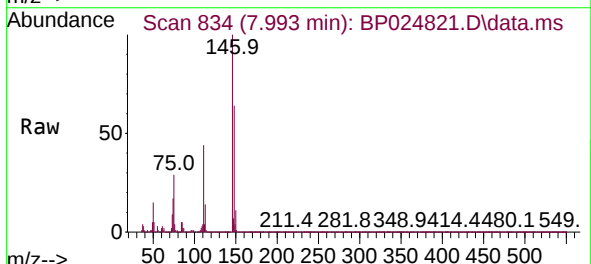
Instrument :
BNA_P
ClientSampleId :
TP-3MS

Tgt Ion:146 Resp: 324638
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 40.8 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 40.827 ng
RT: 7.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:146 Resp: 312974
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 43.7 35.2 52.8

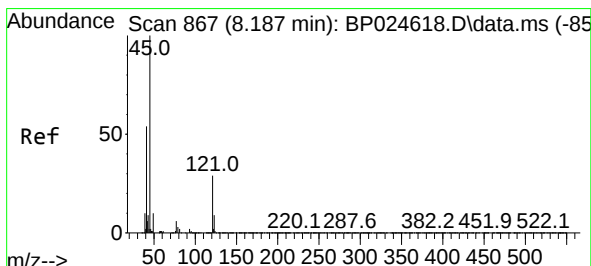
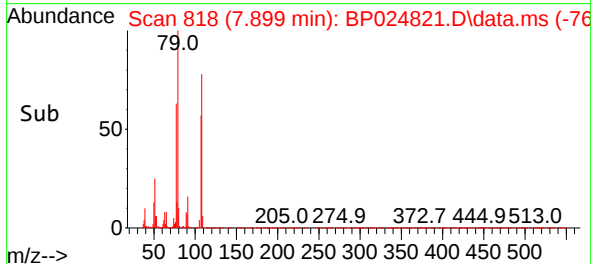
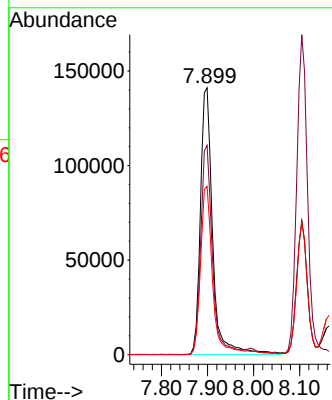
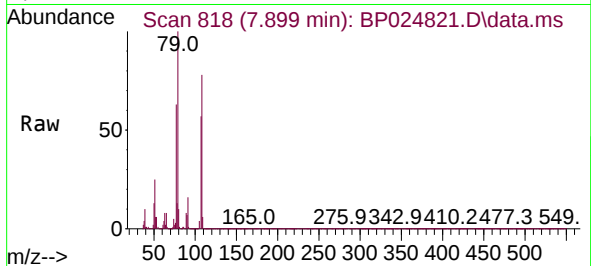




#15
Benzyl Alcohol
Concen: 45.005 ng
RT: 7.899 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

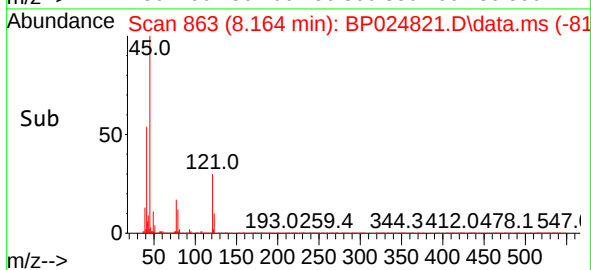
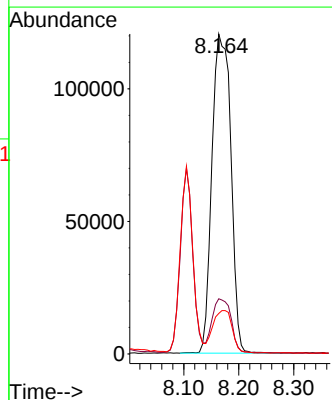
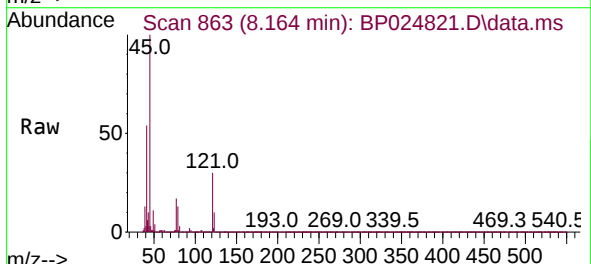
Instrument :
BNA_P
ClientSampleId :
TP-3MS

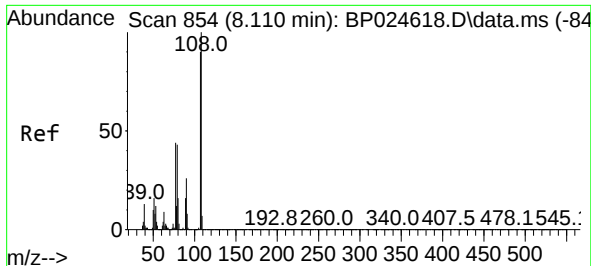
Tgt Ion: 79 Resp: 261412
Ion Ratio Lower Upper
79 100
108 78.5 60.8 91.2
77 63.1 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.032 ng
RT: 8.164 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 45 Resp: 287487
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.7
79 12.6 0.0 34.0

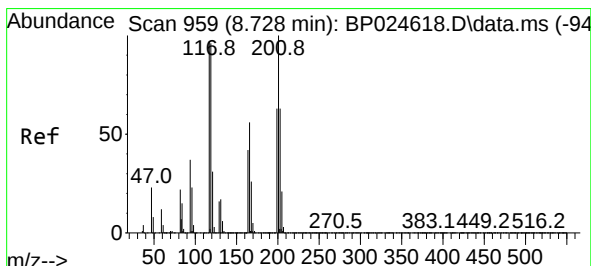
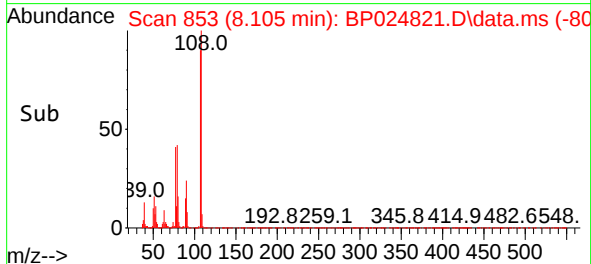
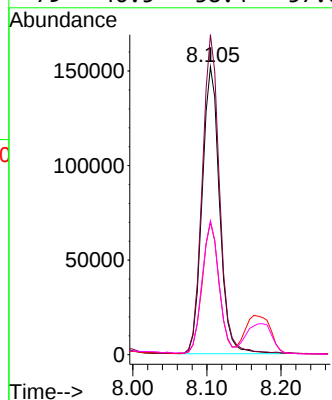
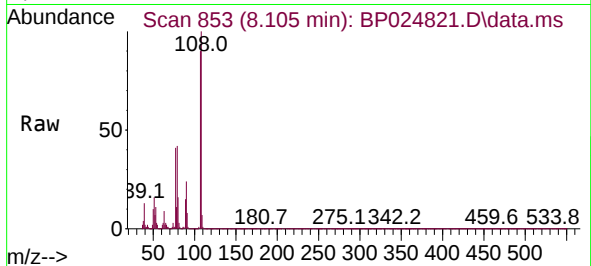




#17
2-Methylphenol
Concen: 43.706 ng
RT: 8.105 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

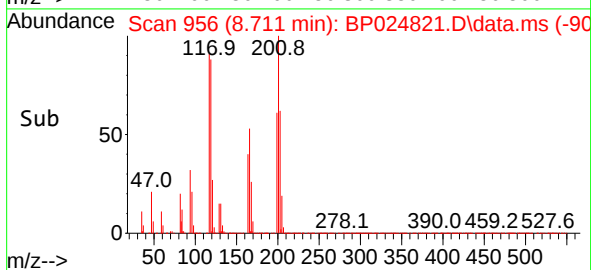
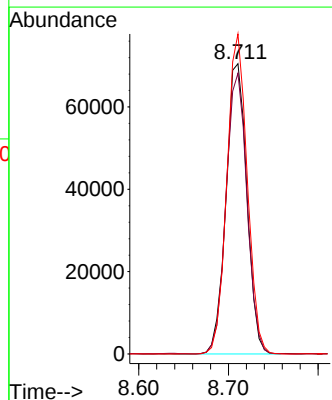
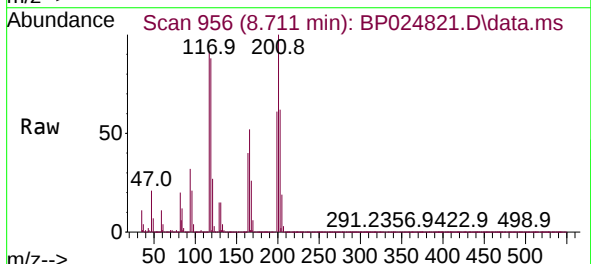
Instrument :
BNA_P
ClientSampleId :
TP-3MS

Tgt Ion:	107	Resp:	247302
Ion	Ratio	Lower	Upper
107	100		
108	111.2	88.9	133.3
77	46.1	39.0	58.6
79	46.5	38.4	57.6



#18
Hexachloroethane
Concen: 37.745 ng
RT: 8.711 min Scan# 956
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:	117	Resp:	113790
Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.4	119.0
201	110.2	82.7	124.1

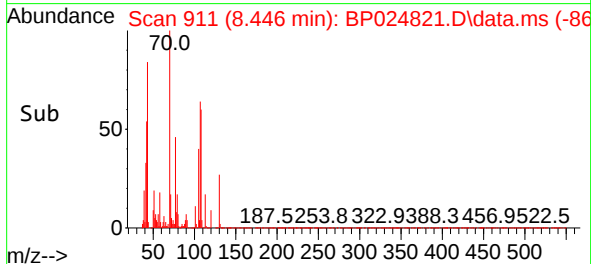
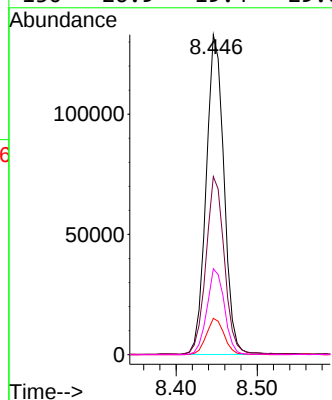
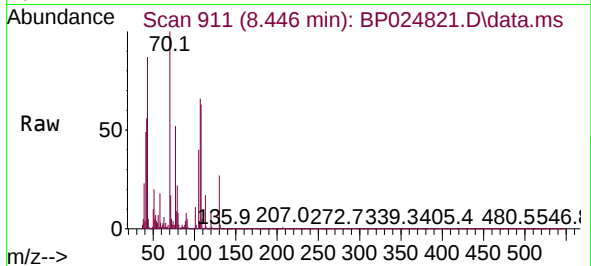




#19
n-Nitroso-di-n-propylamine
Concen: 38.363 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

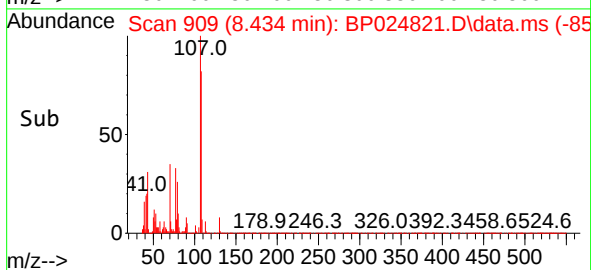
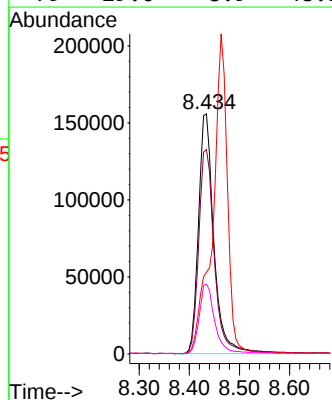
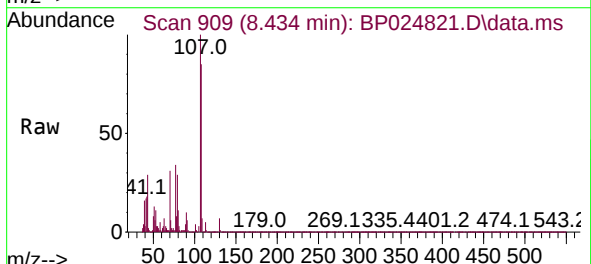
Instrument :
BNA_P
ClientSampleId :
TP-3MS

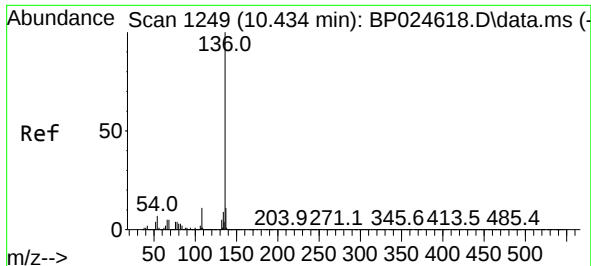
Tgt Ion: 70 Resp: 202839
Ion Ratio Lower Upper
70 100
42 55.6 43.0 64.6
101 11.4 8.7 13.1
130 26.9 19.4 29.0



#20
3+4-Methylphenols
Concen: 43.172 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 107 Resp: 332285
Ion Ratio Lower Upper
107 100
108 85.2 66.7 106.7
77 34.0 13.1 53.1
79 29.0 8.9 48.9

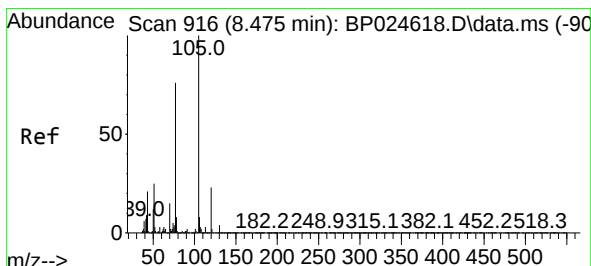
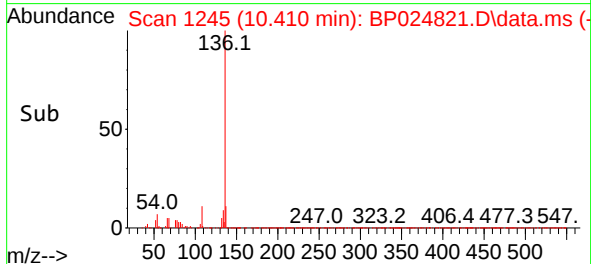
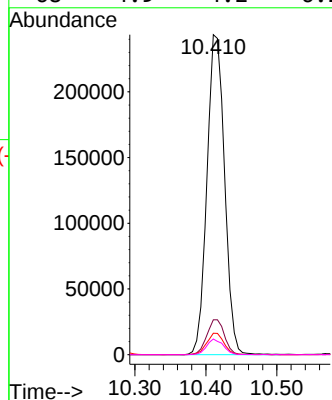
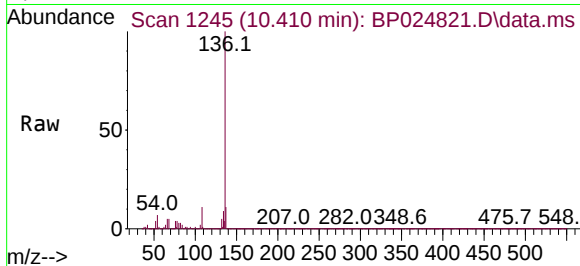




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

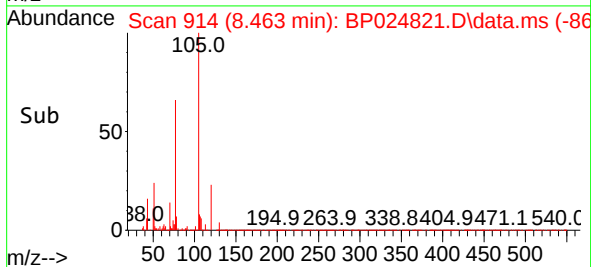
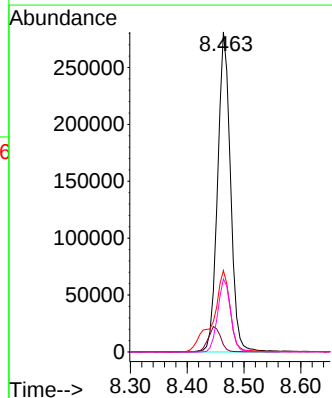
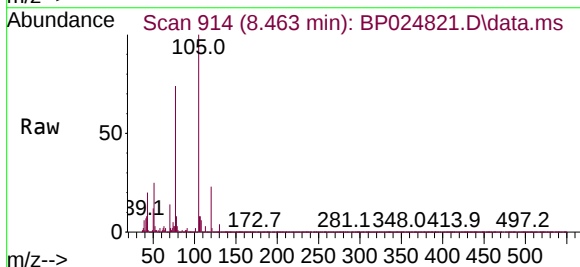
Instrument :
BNA_P
ClientSampleId :
TP-3MS

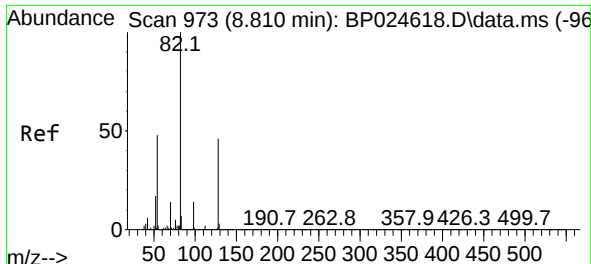
Tgt Ion:	136	Resp:	421427
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.5	8.3
68	4.9	4.2	6.2



#22
Acetophenone
Concen: 42.118 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:	105	Resp:	443376
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.0	3.0
51	25.4	20.4	30.6
120	22.8	18.1	27.1

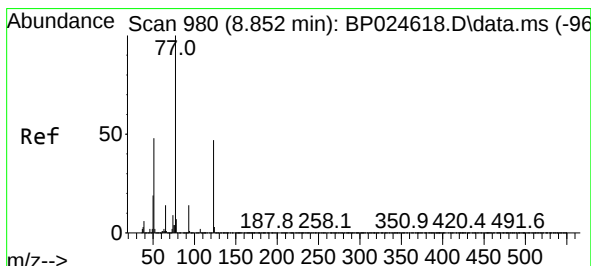
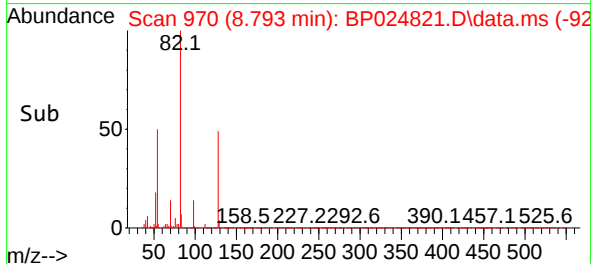
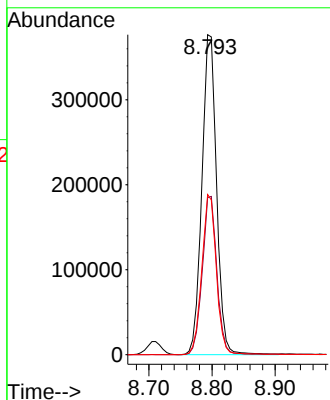
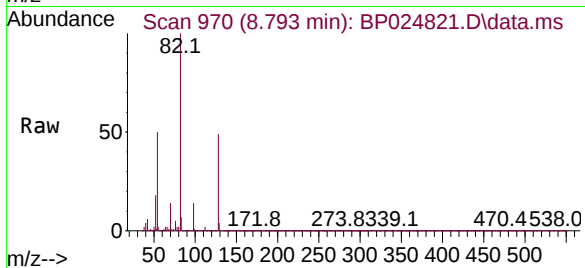




#23
Nitrobenzene-d5
Concen: 73.068 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

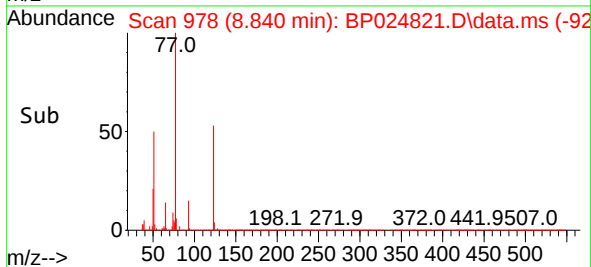
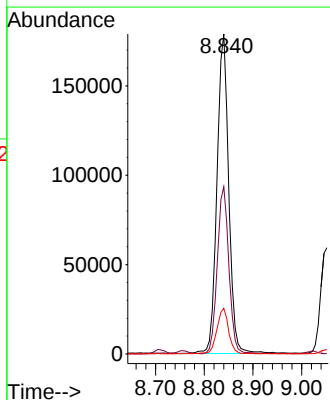
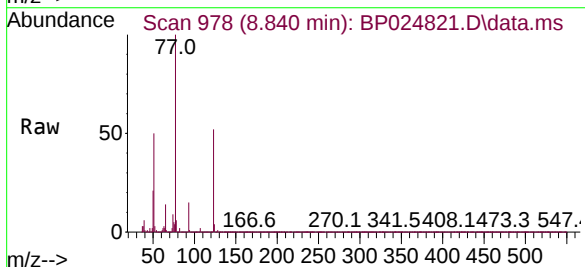
Instrument :
BNA_P
ClientSampleId :
TP-3MS

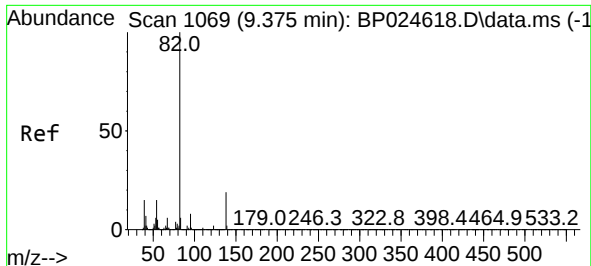
Tgt Ion: 82 Resp: 609437
Ion Ratio Lower Upper
82 100
128 49.1 37.0 55.4
54 50.1 38.7 58.1



#24
Nitrobenzene
Concen: 40.829 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 77 Resp: 299682
Ion Ratio Lower Upper
77 100
123 52.2 37.4 56.0
65 14.2 11.3 16.9

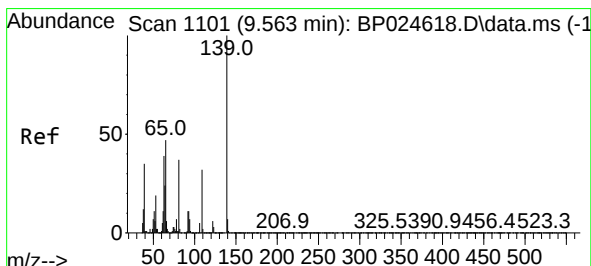
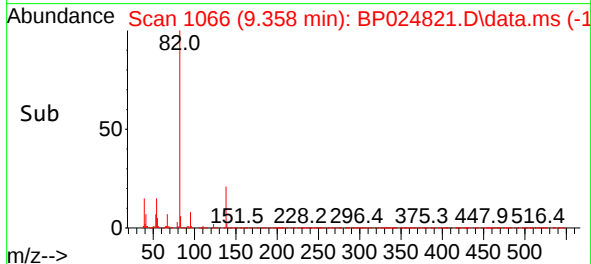
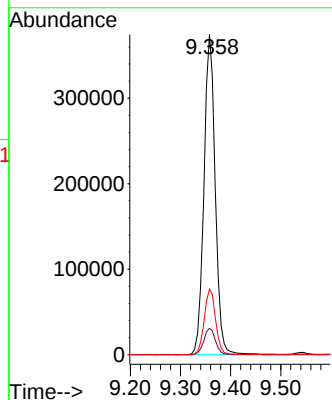
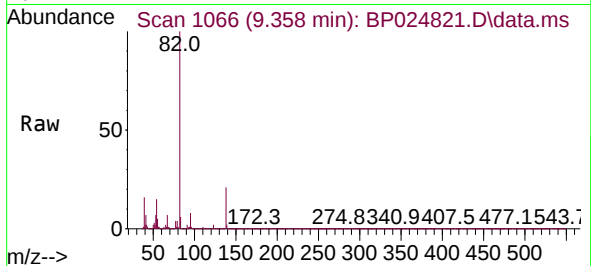




#25
Isophorone
Concen: 40.360 ng
RT: 9.358 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

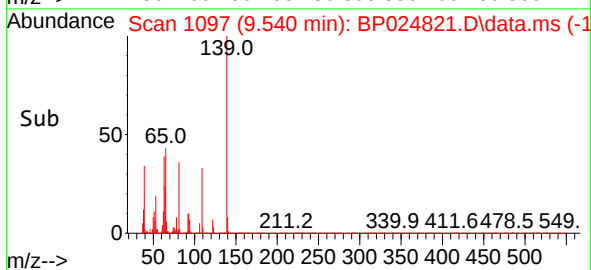
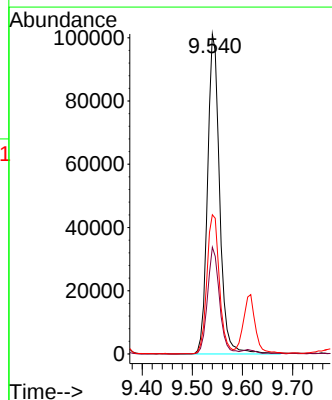
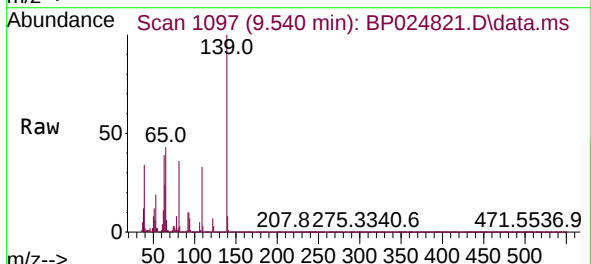
Instrument :
BNA_P
ClientSampleId :
TP-3MS

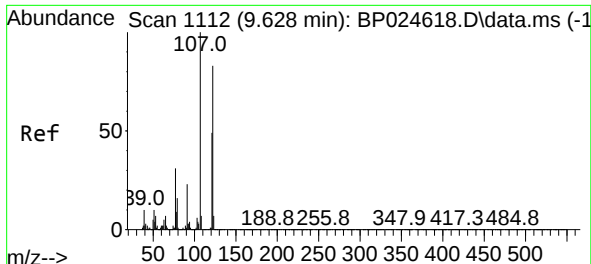
Tgt Ion: 82 Resp: 583932
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 20.5 15.3 22.9



#26
2-Nitrophenol
Concen: 47.210 ng
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 139 Resp: 169801
Ion Ratio Lower Upper
139 100
109 33.4 25.9 38.9
65 43.5 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 46.902 ng

RT: 9.616 min Scan# 1110

Delta R.T. 0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

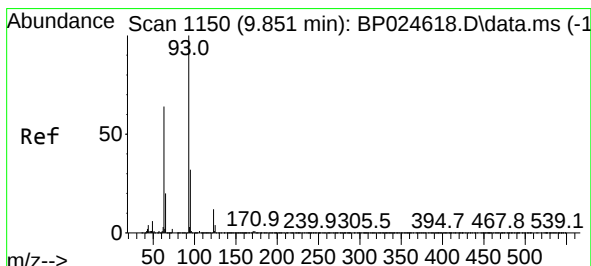
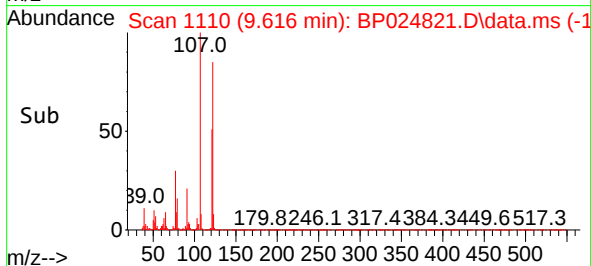
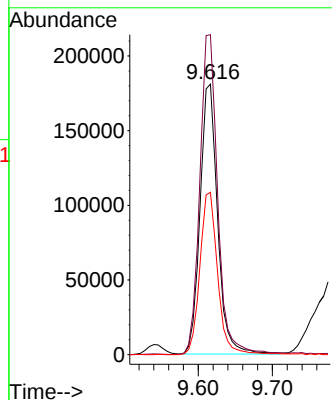
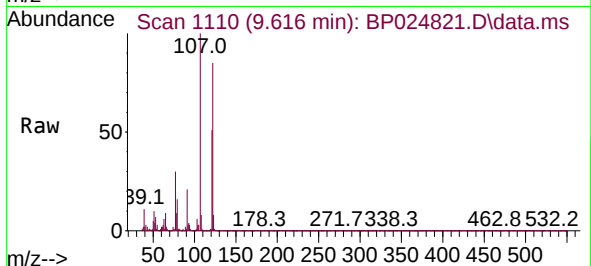
Tgt Ion:122 Resp: 297420

Ion Ratio Lower Upper

122 100

107 118.3 96.2 144.2

121 60.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.303 ng

RT: 9.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

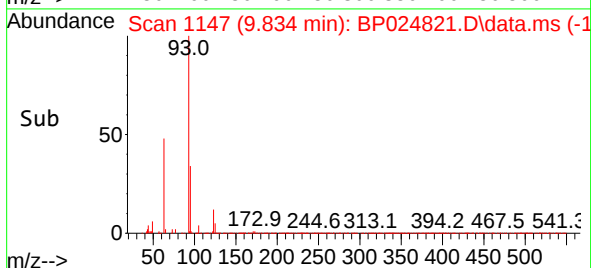
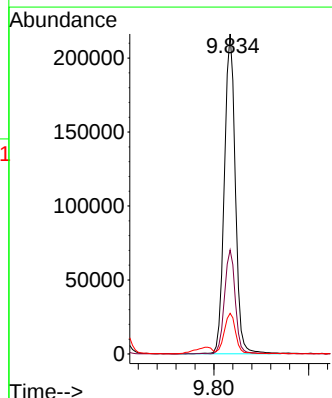
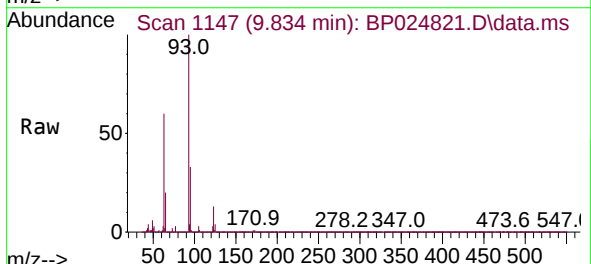
Tgt Ion: 93 Resp: 348373

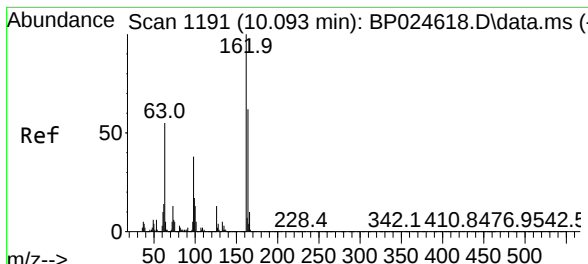
Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

123 12.7 9.7 14.5

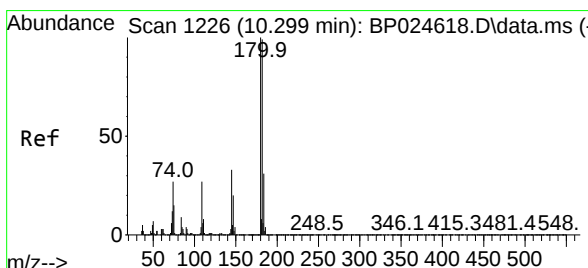
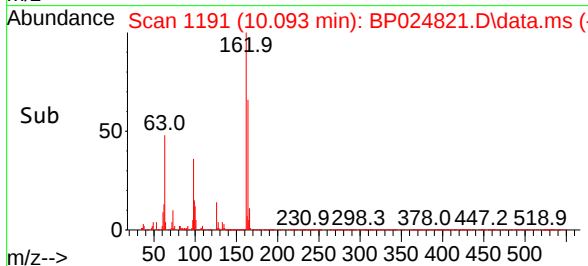
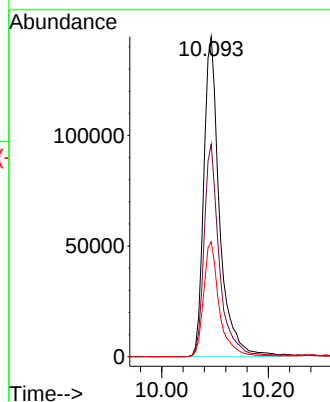
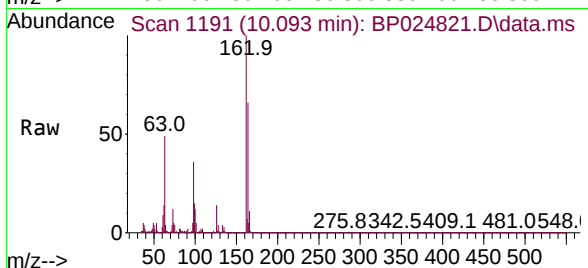




#29
2,4-Dichlorophenol
Concen: 48.336 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

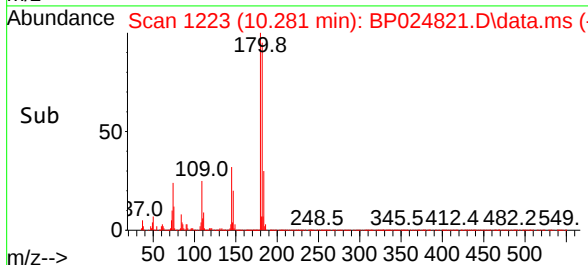
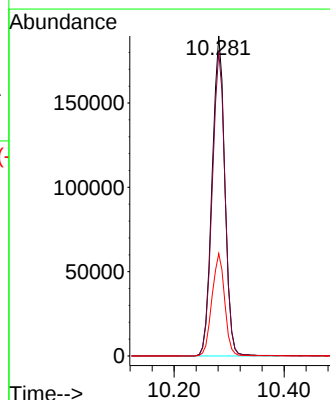
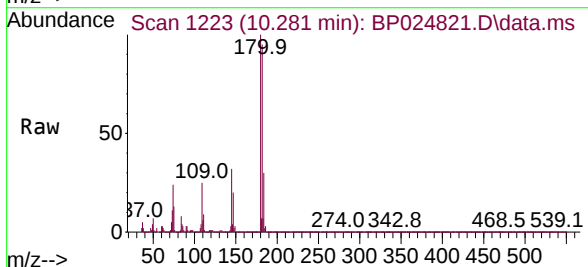
Instrument :
BNA_P
ClientSampleId :
TP-3MS

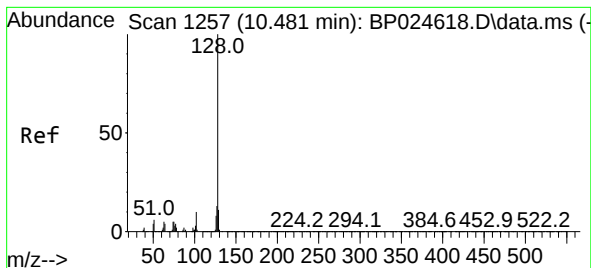
Tgt Ion:162 Resp: 297026
Ion Ratio Lower Upper
162 100
164 66.5 42.3 82.3
98 35.9 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 44.034 ng
RT: 10.281 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:180 Resp: 304930
Ion Ratio Lower Upper
180 100
182 95.1 79.0 118.4
145 32.0 26.6 39.8

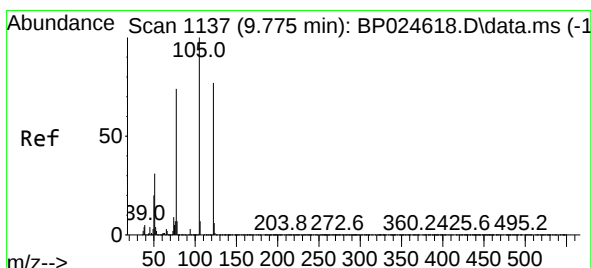
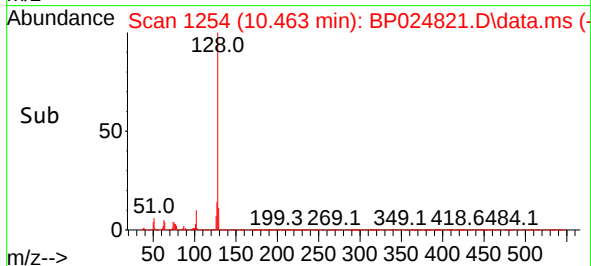
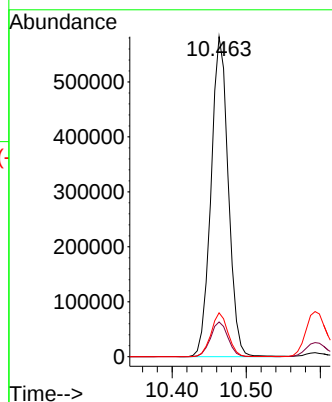
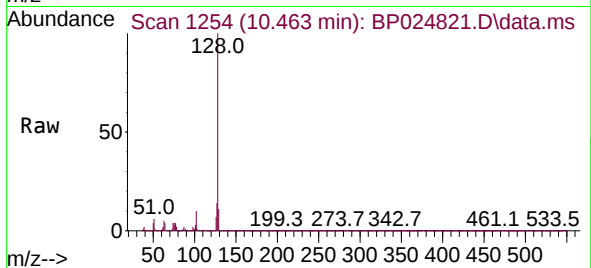




#31
Naphthalene
Concen: 43.039 ng
RT: 10.463 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

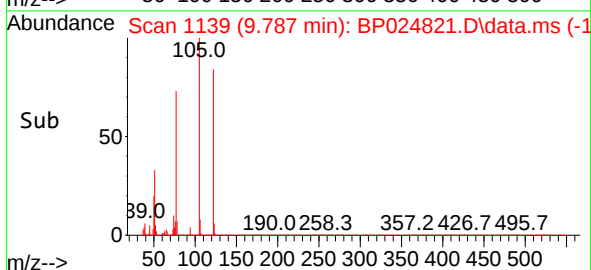
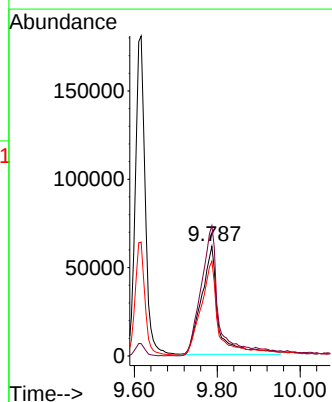
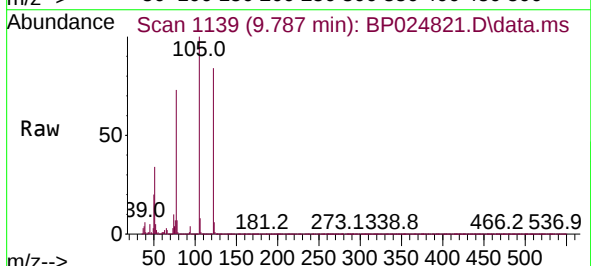
Instrument :
BNA_P
ClientSampleId :
TP-3MS

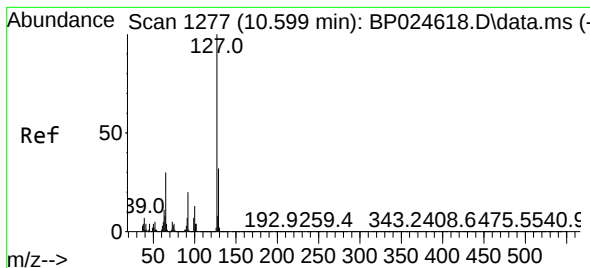
Tgt Ion:128 Resp: 939908
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 41.274 ng m
RT: 9.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:122 Resp: 176738
Ion Ratio Lower Upper
122 100
105 118.8 106.9 146.9
77 86.5 75.1 115.1





#33

4-Chloroaniline

Concen: 20.218 ng

RT: 10.593 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

Tgt Ion:127 Resp: 178169

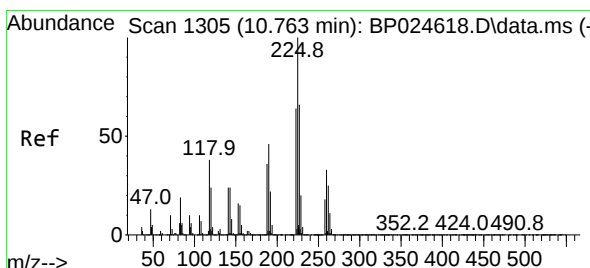
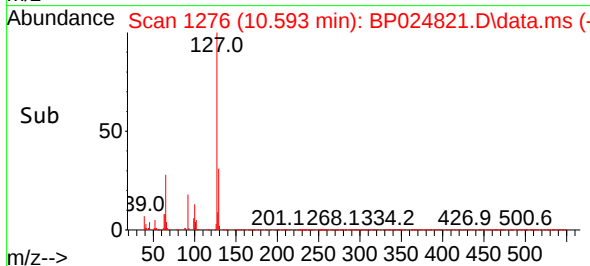
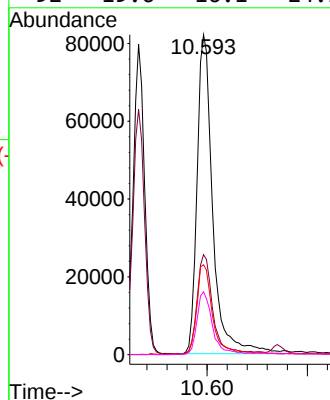
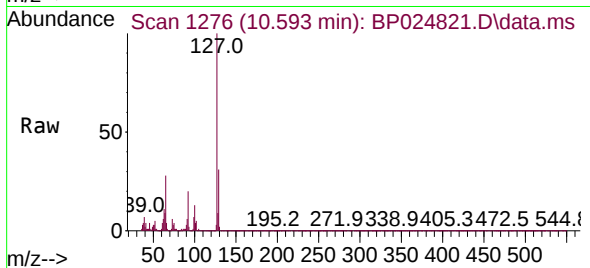
Ion Ratio Lower Upper

127 100

129 31.2 25.8 38.6

65 28.1 23.9 35.9

92 19.6 16.1 24.1



#34

Hexachlorobutadiene

Concen: 42.593 ng

RT: 10.746 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

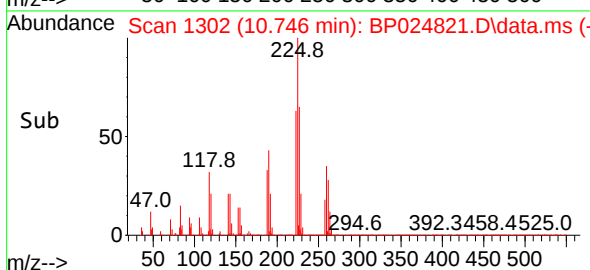
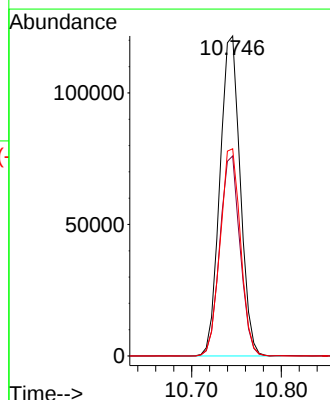
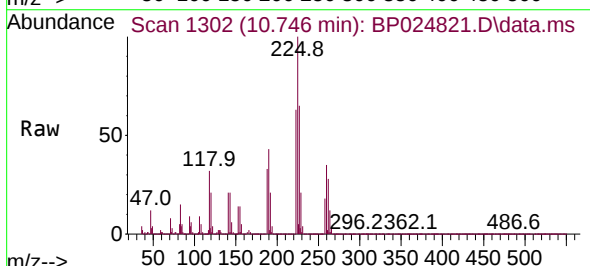
Tgt Ion:225 Resp: 191069

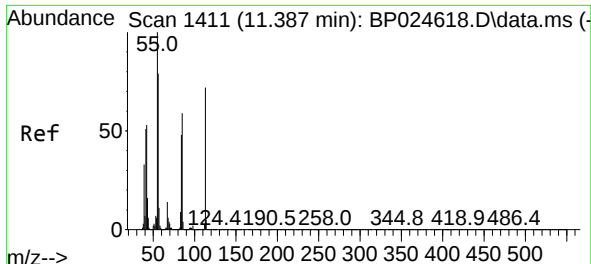
Ion Ratio Lower Upper

225 100

223 62.5 51.0 76.6

227 64.7 53.1 79.7

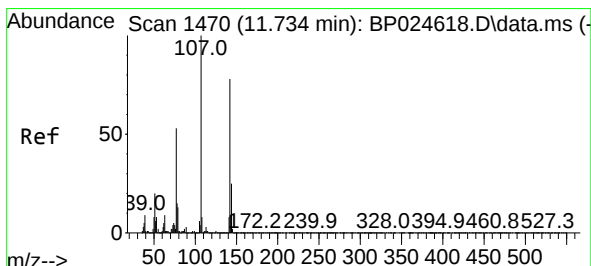
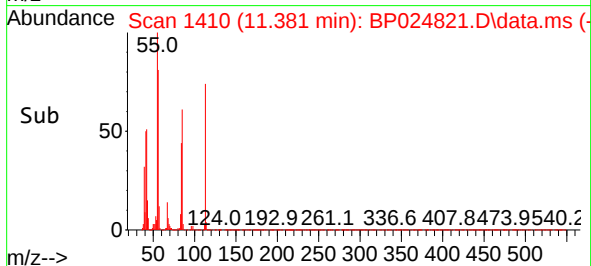
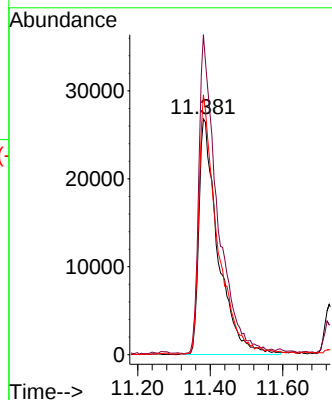
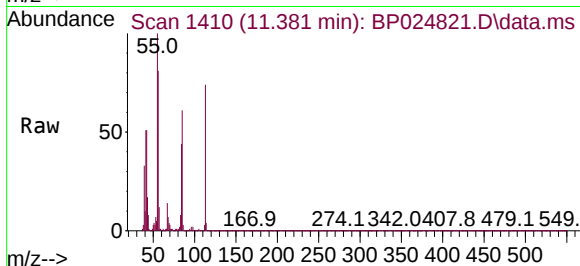




#35
Caprolactam
Concen: 44.003 ng
RT: 11.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

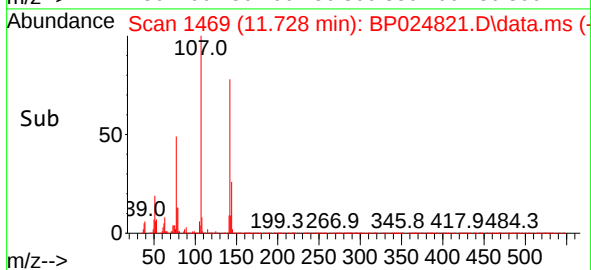
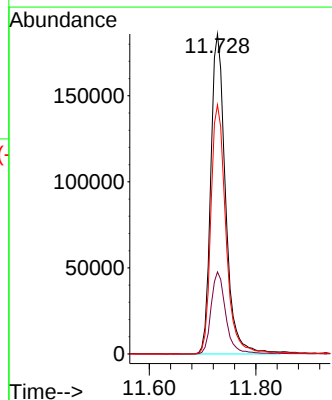
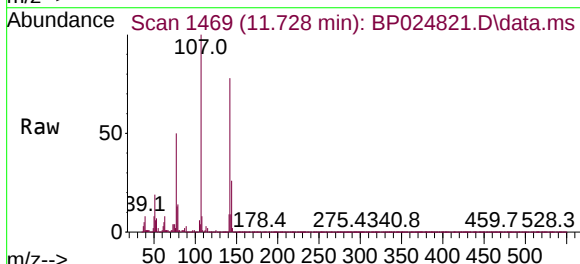
Instrument :
BNA_P
ClientSampleId :
TP-3MS

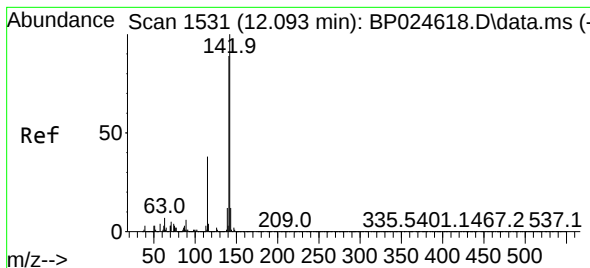
Tgt Ion:113 Resp: 97833
Ion Ratio Lower Upper
113 100
55 135.7 119.0 159.0
56 110.1 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 47.738 ng
RT: 11.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:107 Resp: 357740
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 77.9 62.1 93.1

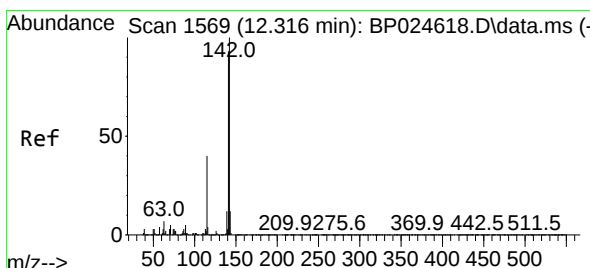
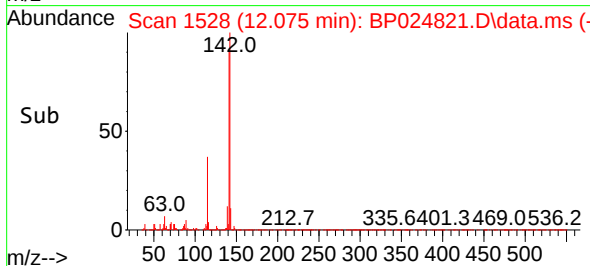
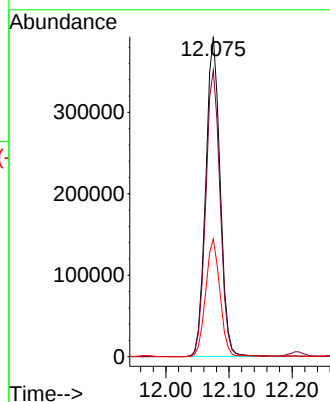
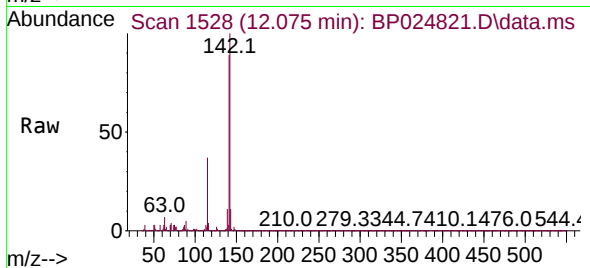




#37
2-Methylnaphthalene
Concen: 43.884 ng
RT: 12.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

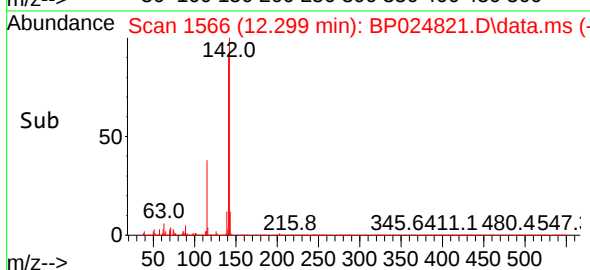
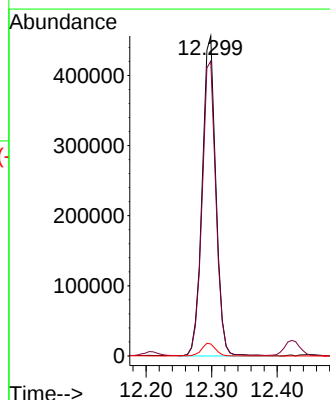
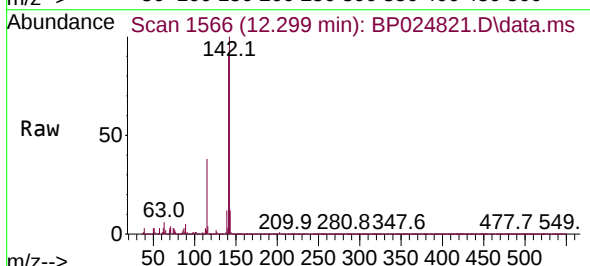
Instrument :
BNA_P
ClientSampleId :
TP-3MS

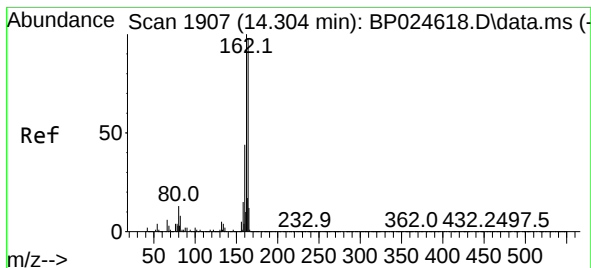
Tgt Ion:142 Resp: 620551
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8
115 36.7 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.943 ng
RT: 12.299 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:142 Resp: 664869
Ion Ratio Lower Upper
142 100
141 92.1 74.7 112.1
116 3.8 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

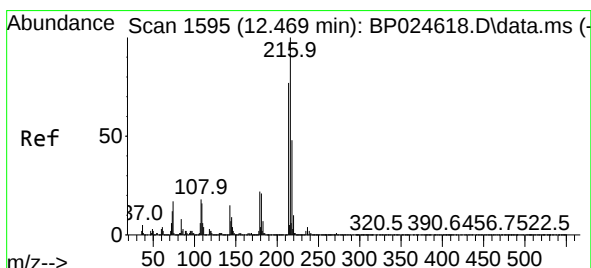
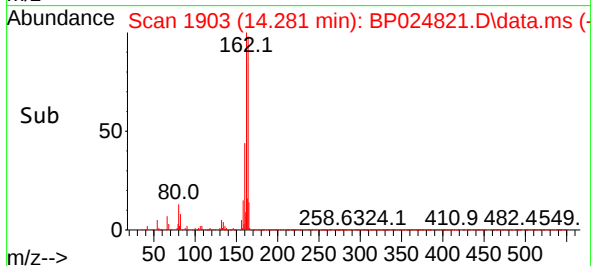
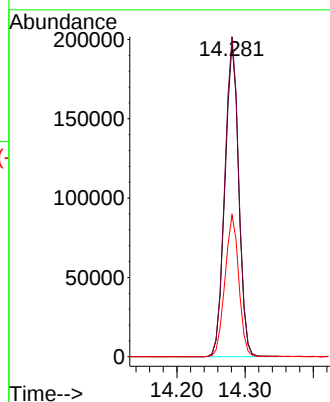
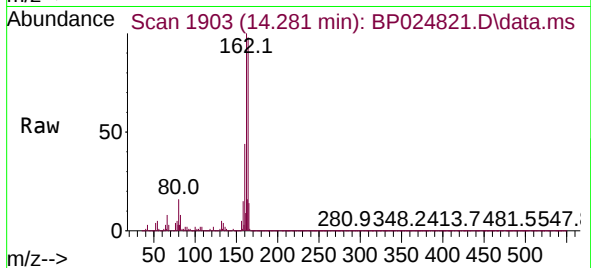
Tgt Ion:164 Resp: 279740

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.316 ng

RT: 12.452 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Tgt Ion:216 Resp: 359991

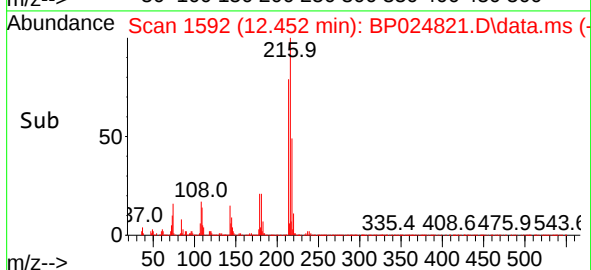
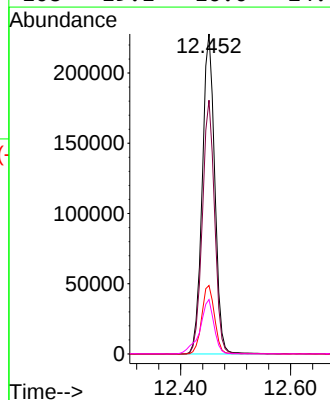
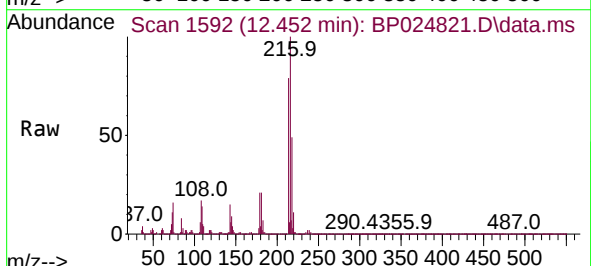
Ion Ratio Lower Upper

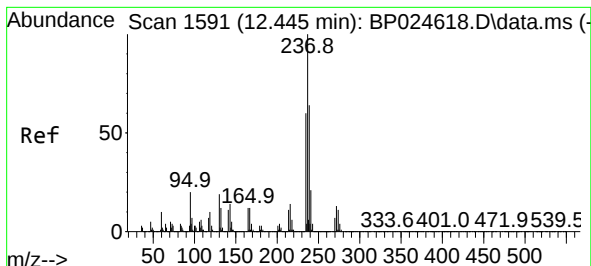
216 100

214 78.0 62.3 93.5

179 21.9 17.7 26.5

108 19.1 16.0 24.0

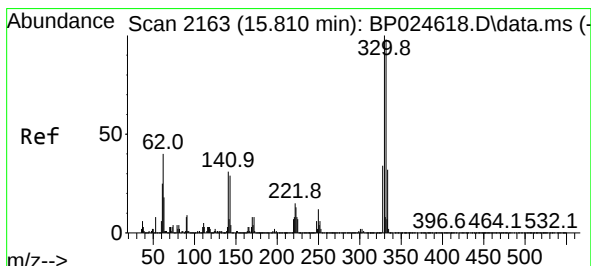
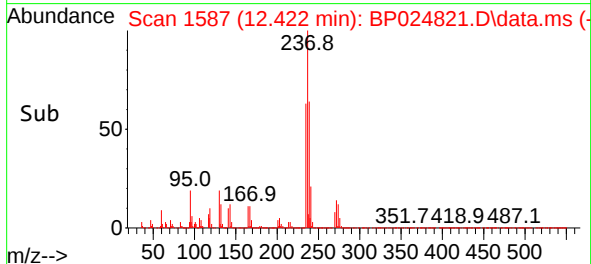
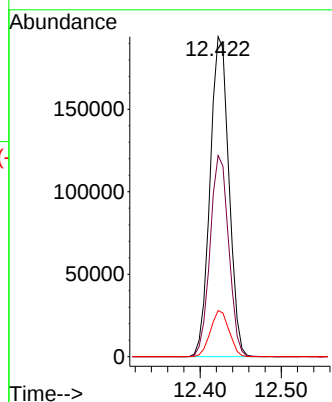
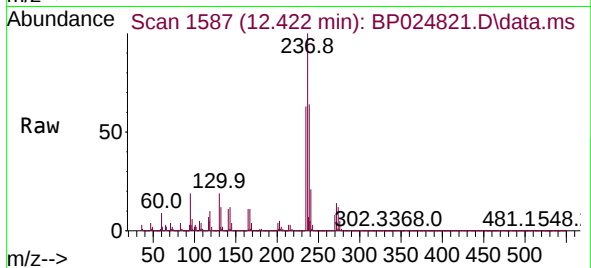




#41
Hexachlorocyclopentadiene
Concen: 63.333 ng
RT: 12.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

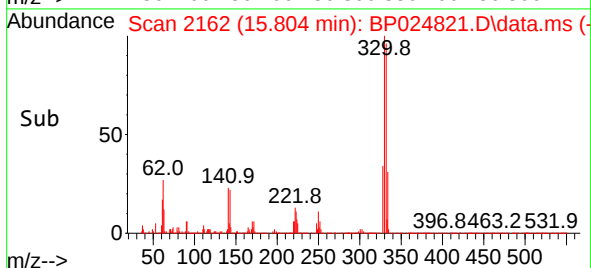
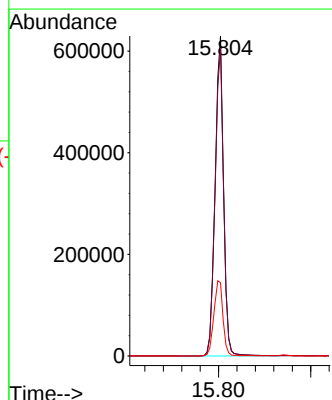
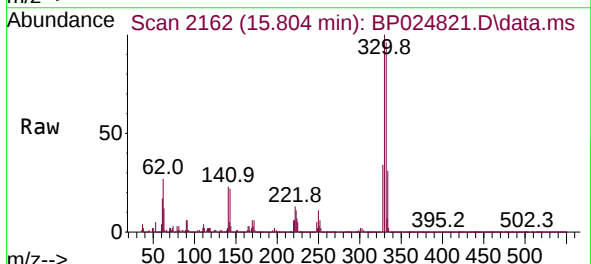
Instrument :
BNA_P
ClientSampleId :
TP-3MS

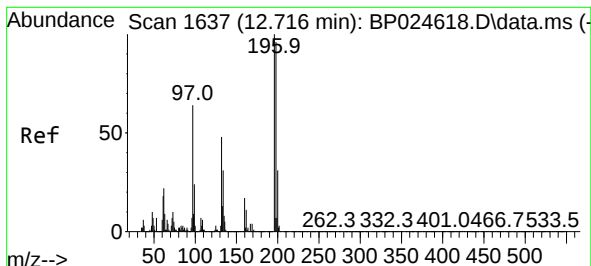
Tgt Ion:237 Resp: 311961
Ion Ratio Lower Upper
237 100
235 62.8 39.9 79.9
272 14.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 169.102 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.018 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:330 Resp: 801951
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 25.3 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 50.121 ng

RT: 12.699 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

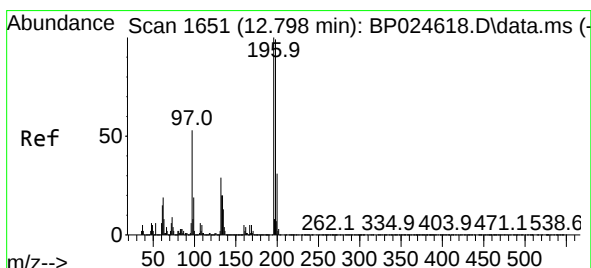
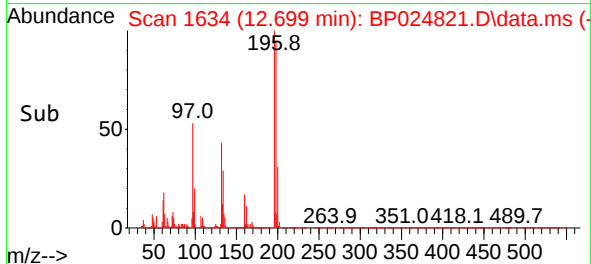
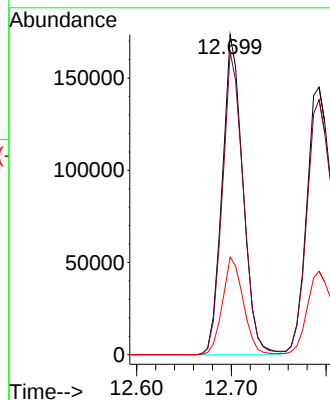
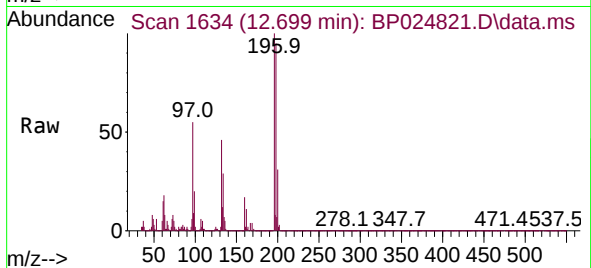
Tgt Ion:196 Resp: 263717

Ion Ratio Lower Upper

196 100

198 94.7 76.9 115.3

200 30.5 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 50.731 ng

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Tgt Ion:196 Resp: 297119

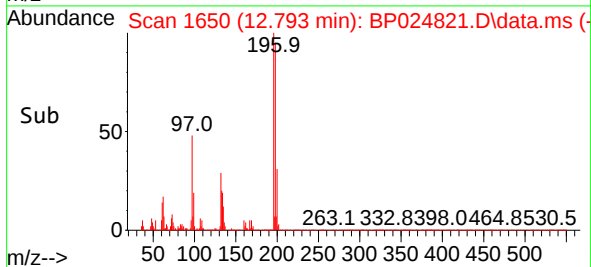
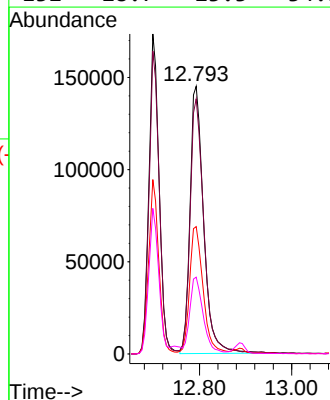
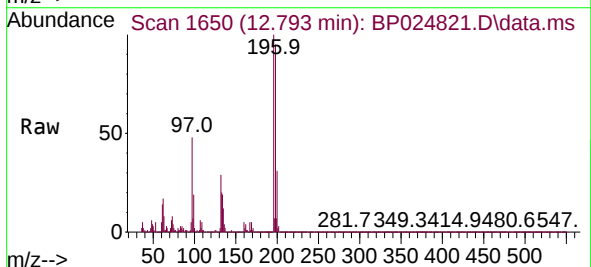
Ion Ratio Lower Upper

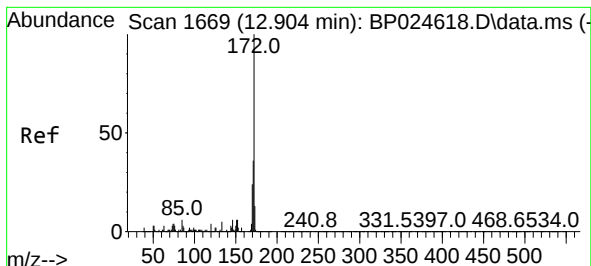
196 100

198 95.2 79.2 118.8

97 47.6 42.3 63.5

132 28.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.219 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

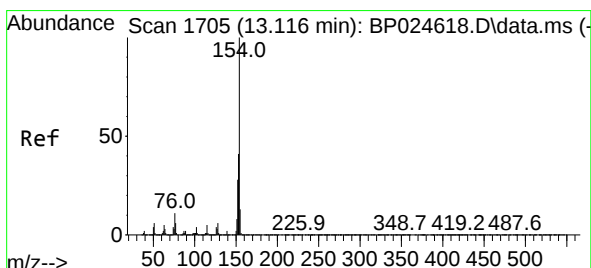
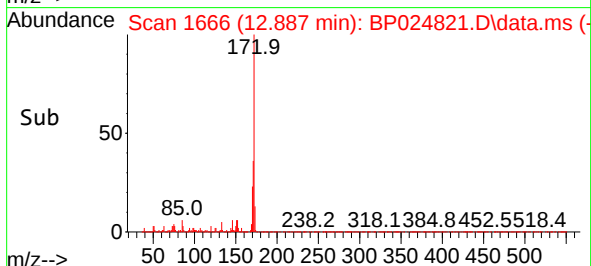
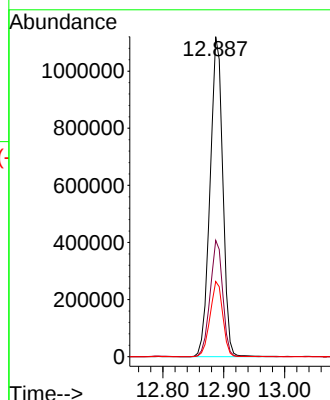
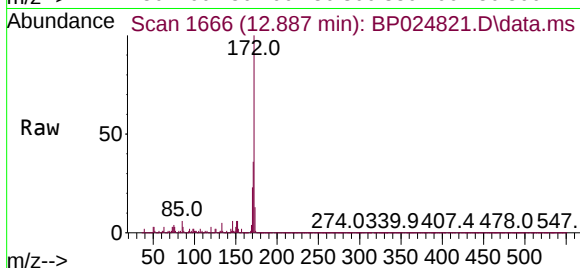
Tgt Ion:172 Resp: 1627433

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.120 ng

RT: 13.099 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

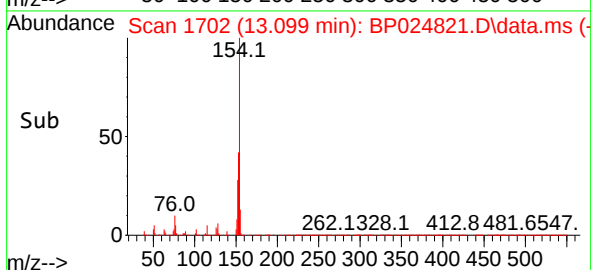
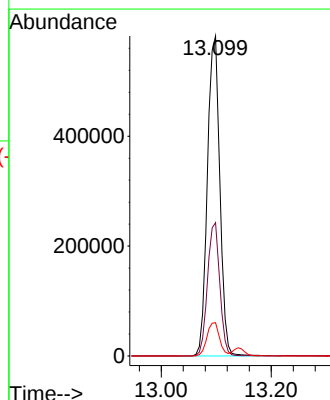
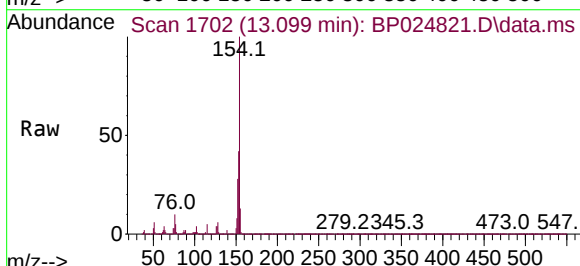
Tgt Ion:154 Resp: 912222

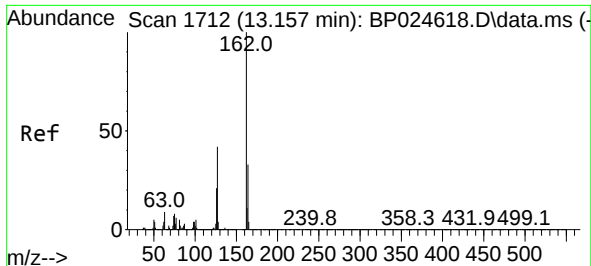
Ion Ratio Lower Upper

154 100

153 41.6 21.0 61.0

76 10.4 0.0 31.5

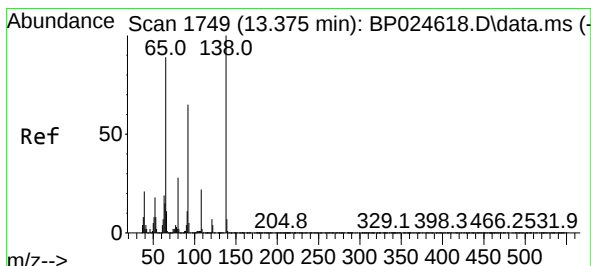
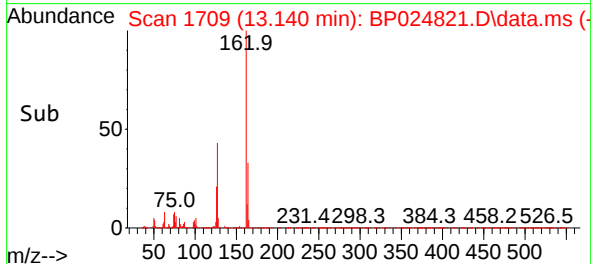
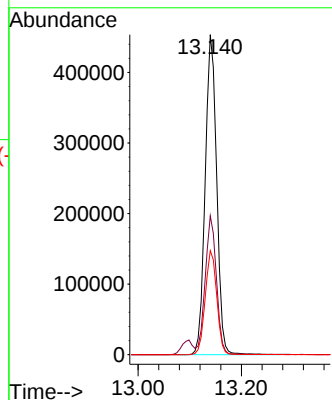
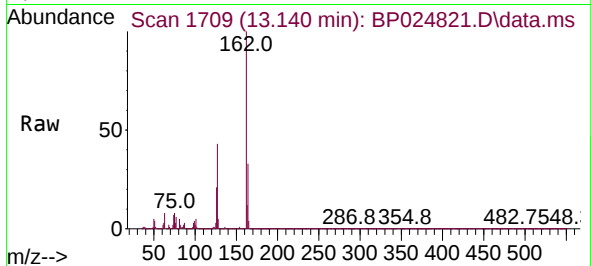




#47
2-Chloronaphthalene
Concen: 44.380 ng
RT: 13.140 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

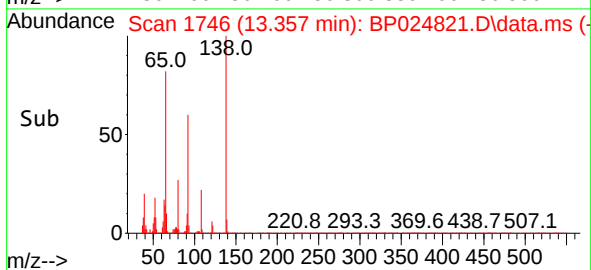
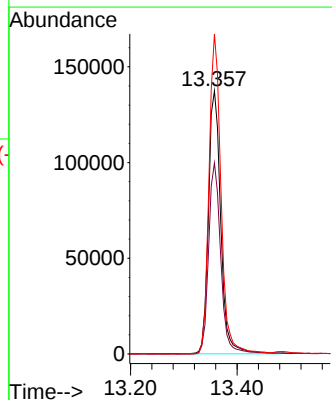
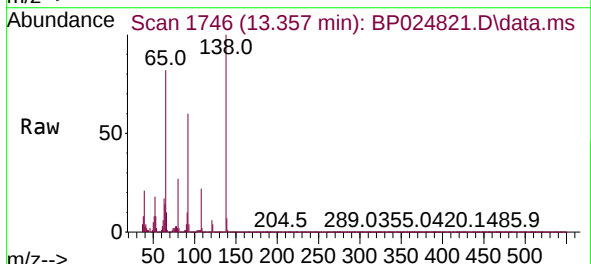
Instrument :
BNA_P
ClientSampleId :
TP-3MS

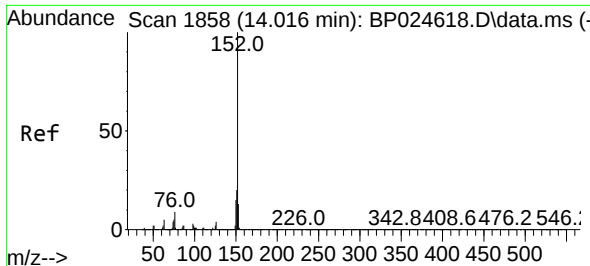
Tgt Ion:162 Resp: 699649
Ion Ratio Lower Upper
162 100
127 43.4 33.8 50.6
164 32.5 26.0 39.0



#48
2-Nitroaniline
Concen: 47.078 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 65 Resp: 219729
Ion Ratio Lower Upper
65 100
92 72.5 58.7 88.1
138 121.5 90.2 135.2

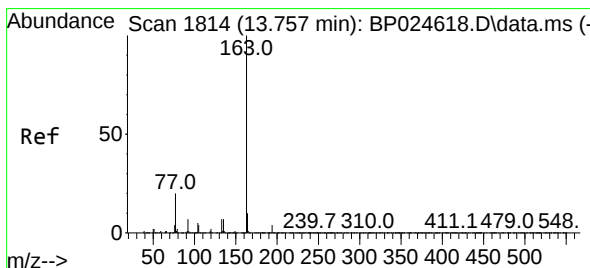
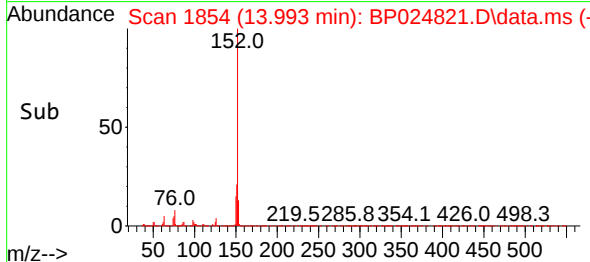
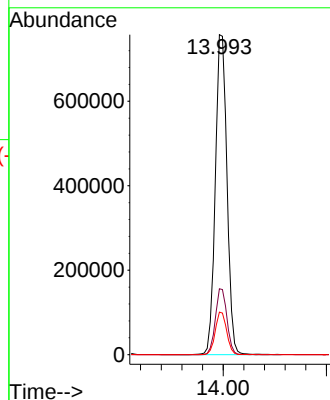
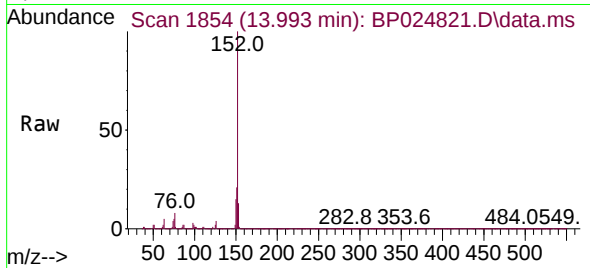




#49
Acenaphthylene
Concen: 44.867 ng
RT: 13.993 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

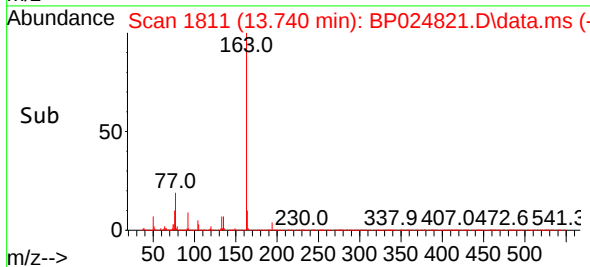
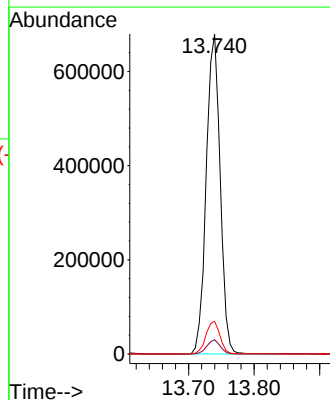
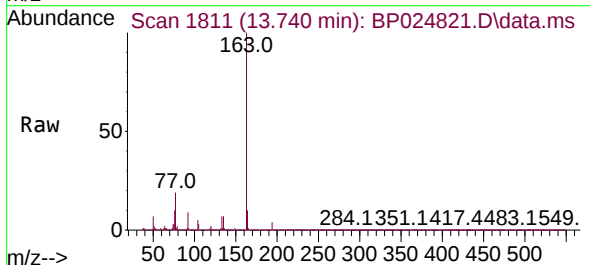
Instrument :
BNA_P
ClientSampleId :
TP-3MS

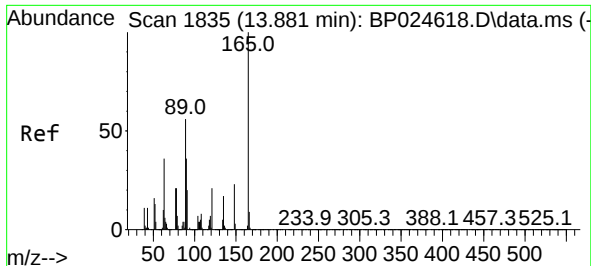
Tgt Ion:152 Resp: 1183692
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.3 10.2 15.4



#50
Dimethylphthalate
Concen: 47.121 ng
RT: 13.740 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:163 Resp: 1004705
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.2 8.1 12.1

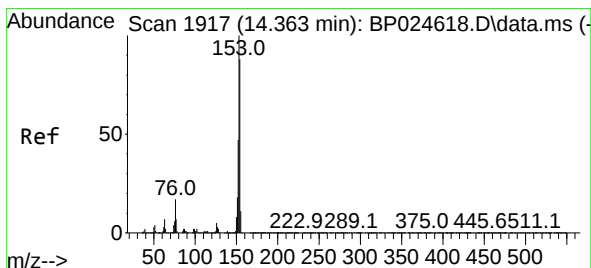
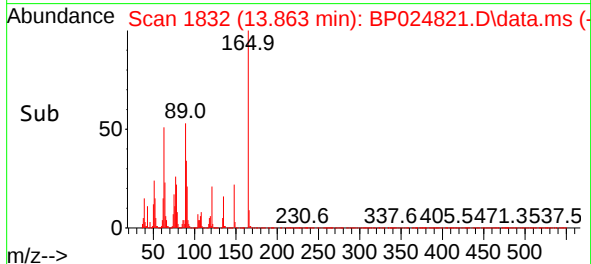
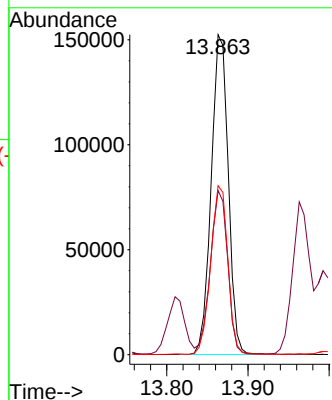
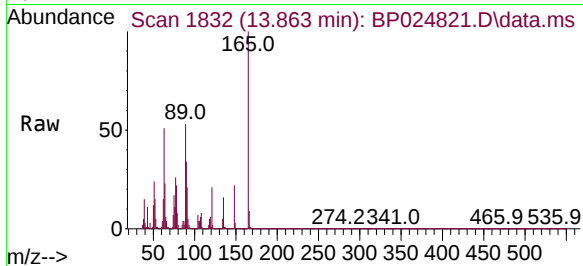




#51
2,6-Dinitrotoluene
Concen: 49.315 ng
RT: 13.863 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

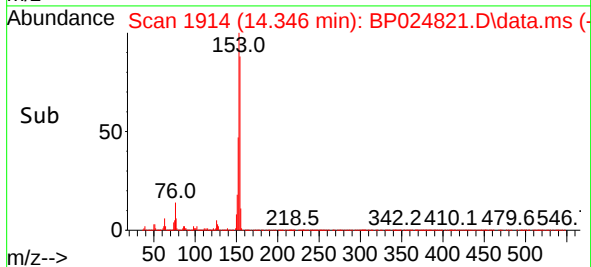
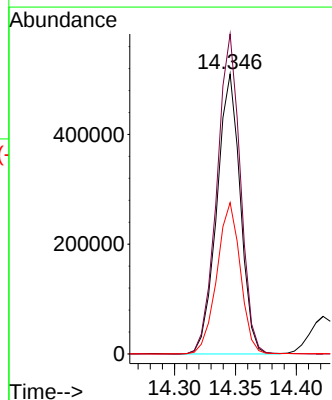
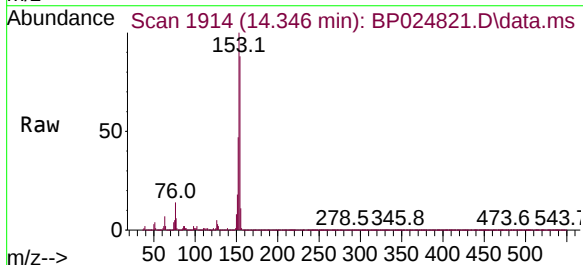
Instrument :
BNA_P
ClientSampleId :
TP-3MS

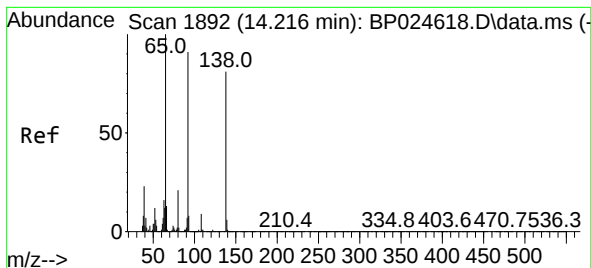
Tgt Ion:165 Resp: 222068
Ion Ratio Lower Upper
165 100
63 51.2 42.4 63.6
89 52.8 44.8 67.2



#52
Acenaphthene
Concen: 45.044 ng
RT: 14.346 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:154 Resp: 683171
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 54.1 42.9 64.3

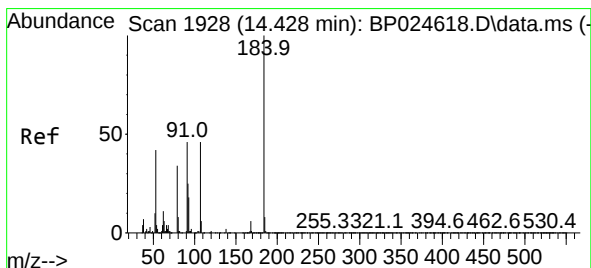
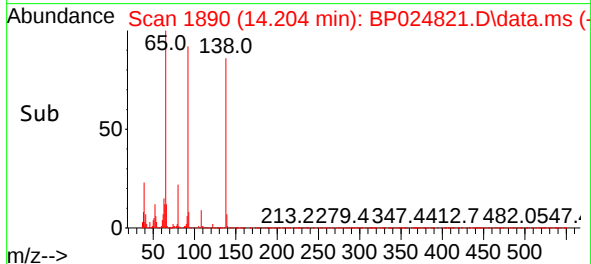
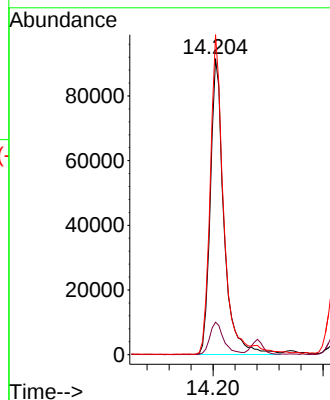
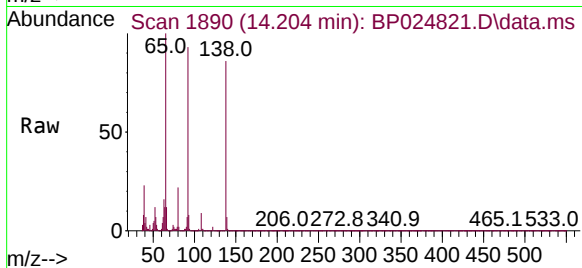




#53
3-Nitroaniline
Concen: 34.104 ng
RT: 14.204 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

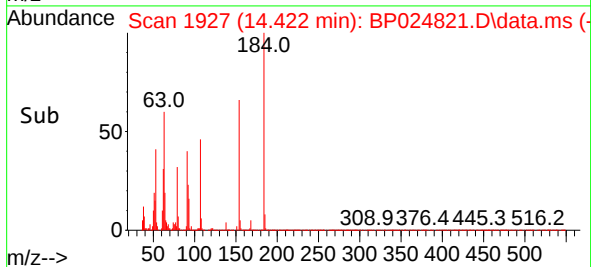
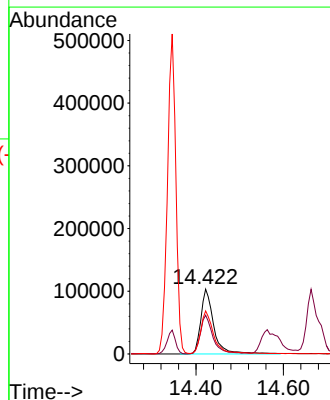
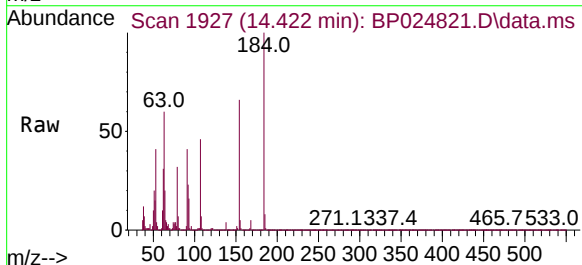
Instrument :
BNA_P
ClientSampleId :
TP-3MS

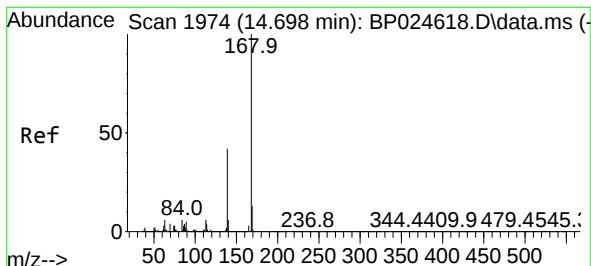
Tgt Ion:138 Resp: 156808
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 108.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 75.190 ng
RT: 14.422 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:184 Resp: 212318
Ion Ratio Lower Upper
184 100
63 59.8 51.3 76.9
154 66.4 53.5 80.3

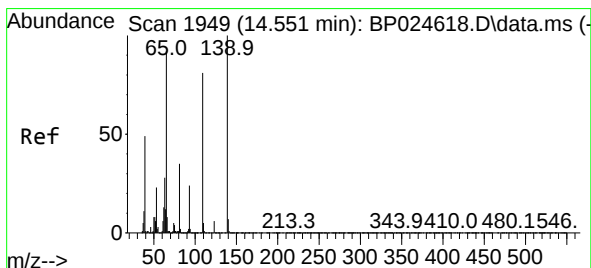
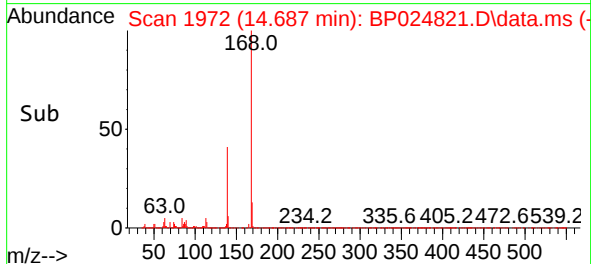
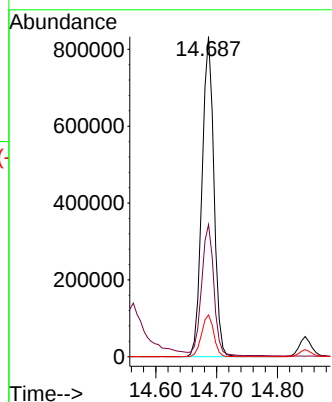
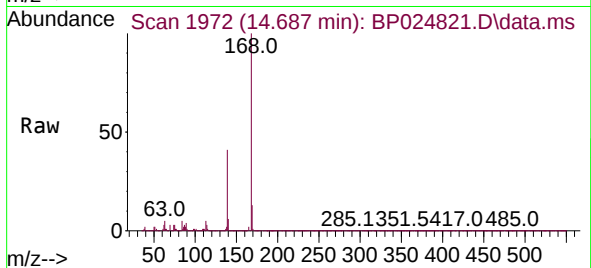




#55
Dibenzofuran
Concen: 46.777 ng
RT: 14.687 min Scan# 1972
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

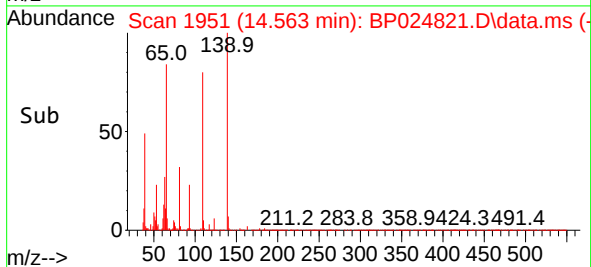
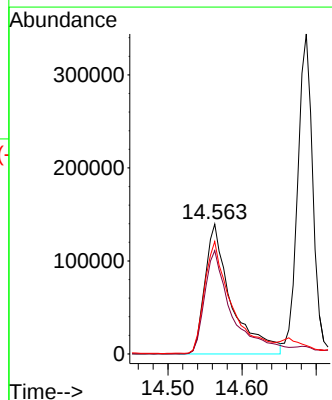
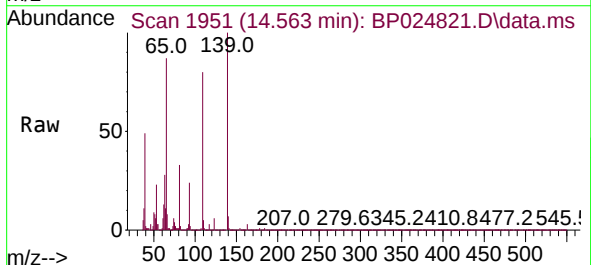
Instrument :
BNA_P
ClientSampleId :
TP-3MS

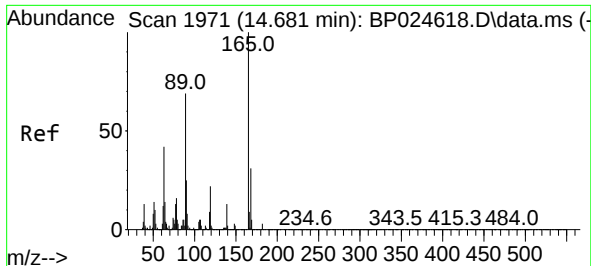
Tgt Ion:168 Resp: 1131618
Ion Ratio Lower Upper
168 100
139 41.3 34.2 51.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 86.546 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:139 Resp: 345966
Ion Ratio Lower Upper
139 100
109 79.6 61.4 101.4
65 86.6 72.2 112.2

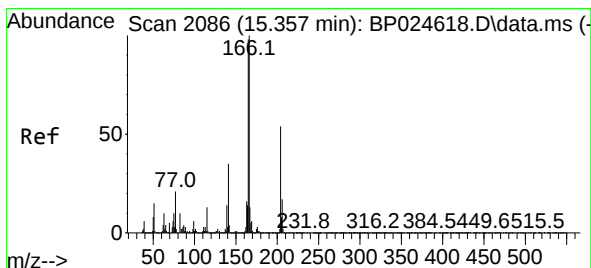
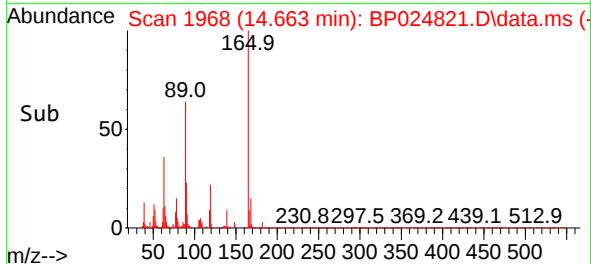
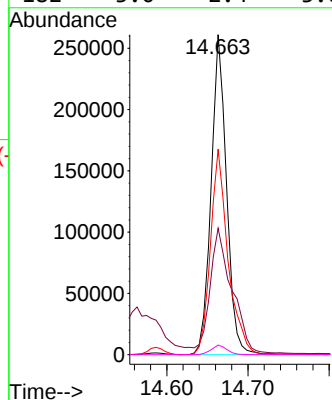
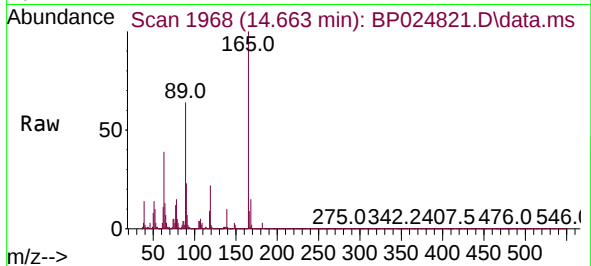




#57
2,4-Dinitrotoluene
Concen: 54.169 ng
RT: 14.663 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

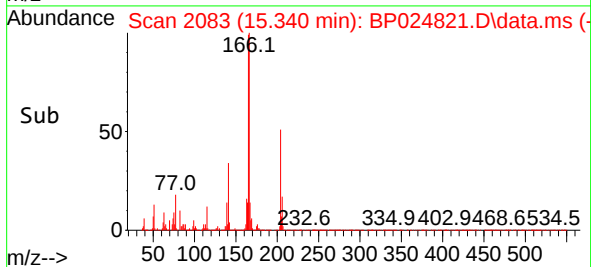
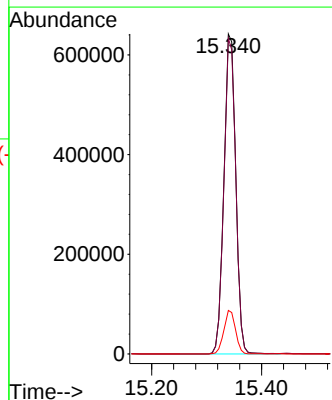
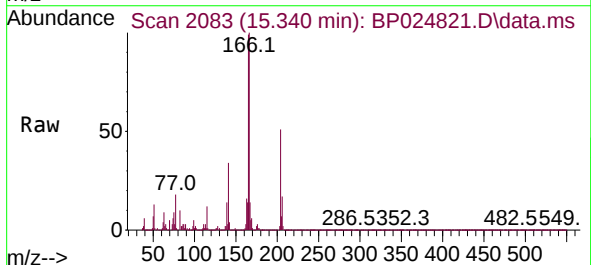
Instrument :
BNA_P
ClientSampleId :
TP-3MS

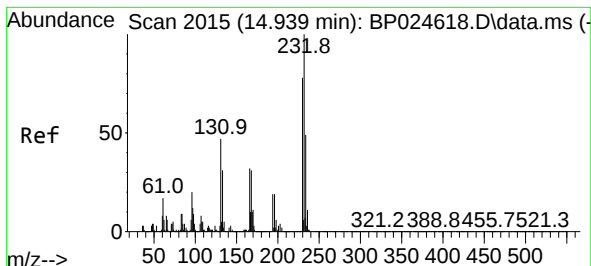
Tgt	Ion:165	Resp:	343889
Ion	Ratio	Lower	Upper
165	100		
63	39.5	33.8	50.6
89	64.2	55.6	83.4
182	3.0	2.4	3.6



#58
Fluorene
Concen: 48.457 ng
RT: 15.340 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:166	Resp:	955854	
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	13.6	10.7	16.1

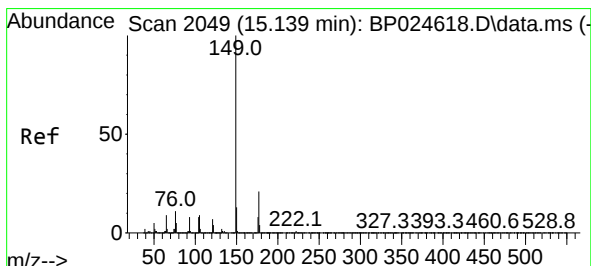
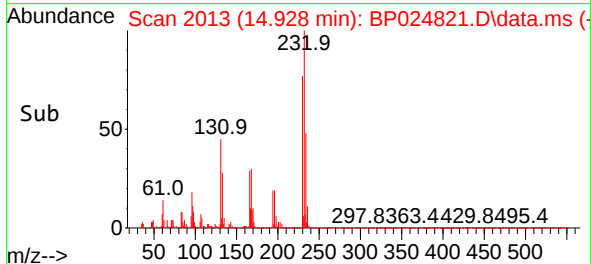
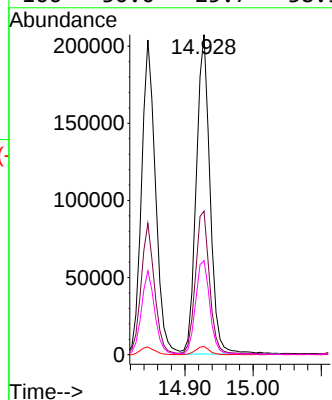
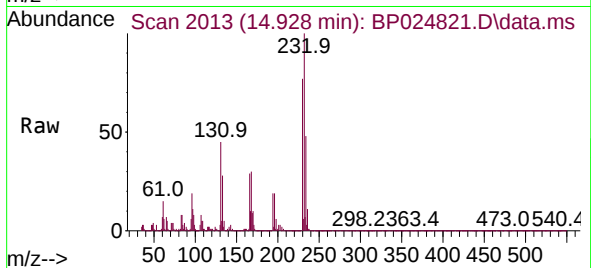




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.163 ng
RT: 14.928 min Scan# 2013
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

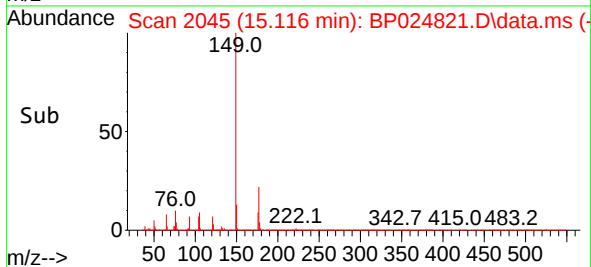
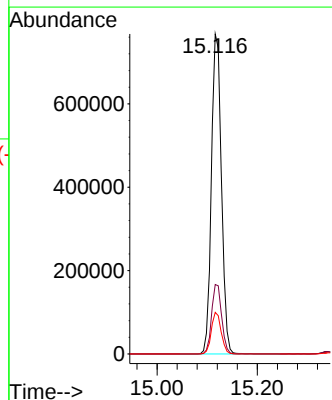
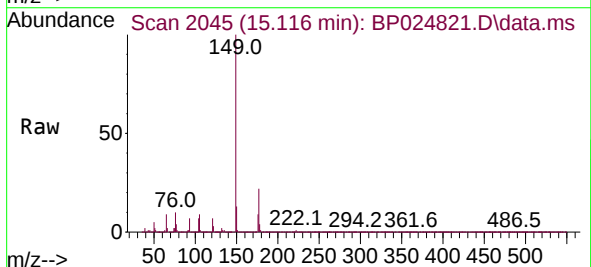
Instrument :
BNA_P
ClientSampleId :
TP-3MS

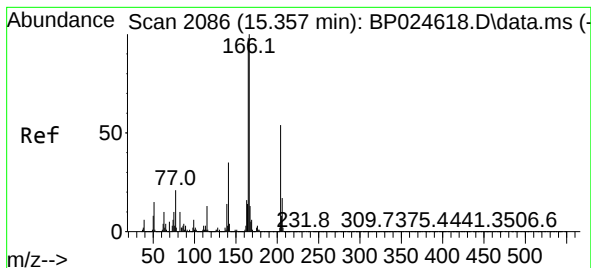
Tgt Ion:232 Resp: 288841
Ion Ratio Lower Upper
232 100
131 45.9 39.5 59.3
130 2.6 2.2 3.4
166 30.0 25.7 38.5



#60
Diethylphthalate
Concen: 49.409 ng
RT: 15.116 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:149 Resp: 1064779
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 13.0 10.2 15.2

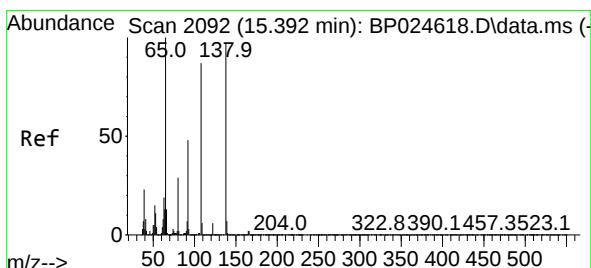
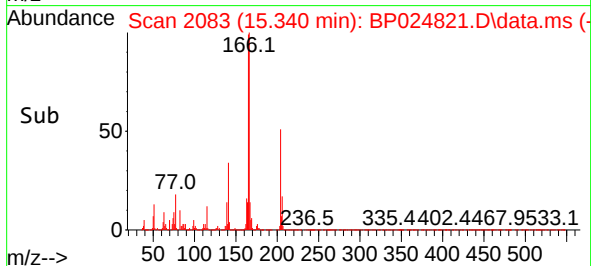
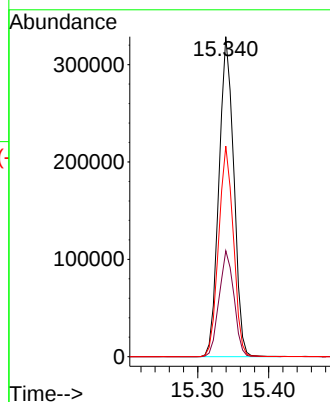
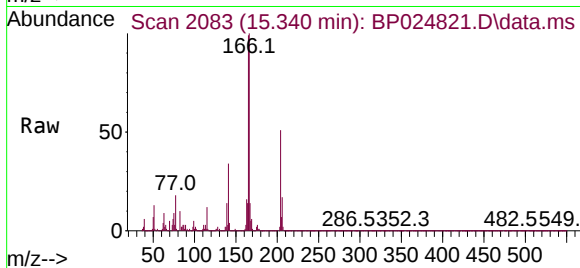




#61
4-Chlorophenyl-phenylether
Concen: 48.390 ng
RT: 15.340 min Scan# 2086
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

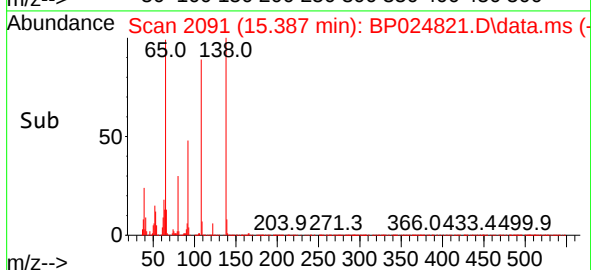
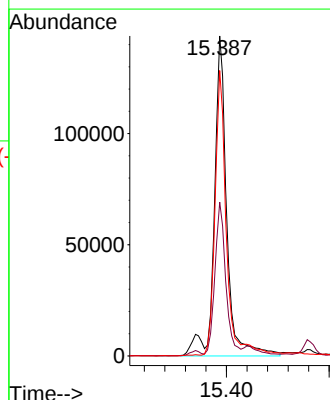
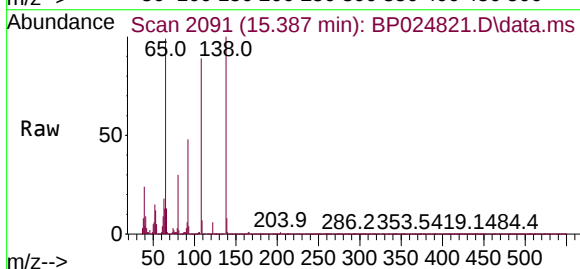
Instrument :
BNA_P
ClientSampleId :
TP-3MS

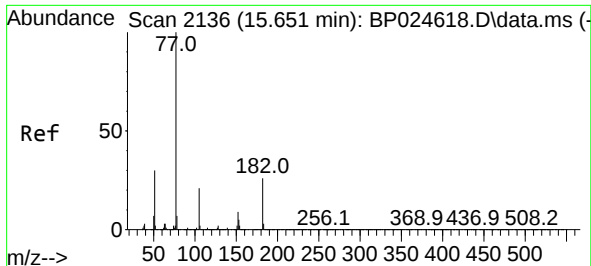
Tgt Ion:204 Resp: 476025
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 65.8 52.9 79.3



#62
4-Nitroaniline
Concen: 54.886 ng m
RT: 15.387 min Scan# 2091
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:138 Resp: 243677
Ion Ratio Lower Upper
138 100
92 48.1 29.2 69.2
108 89.2 69.0 109.0

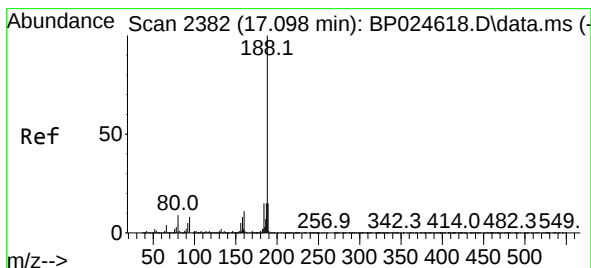
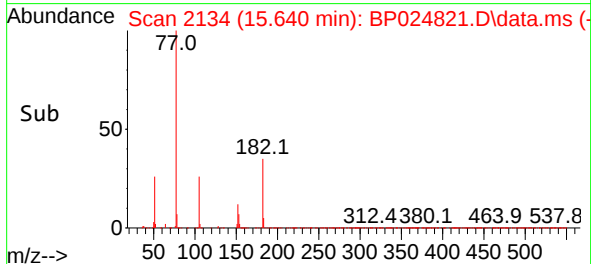
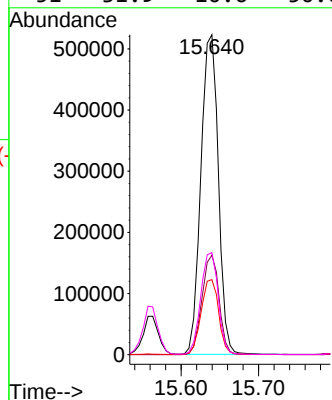
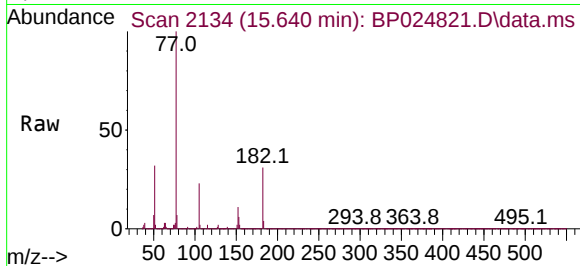




#63
Azobenzene
Concen: 44.294 ng
RT: 15.640 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

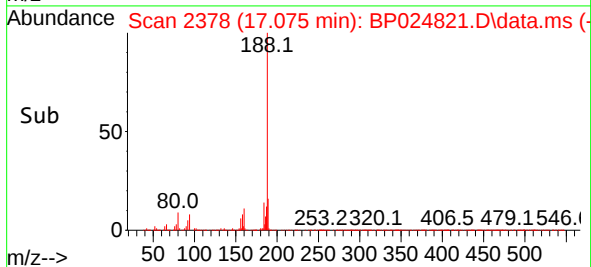
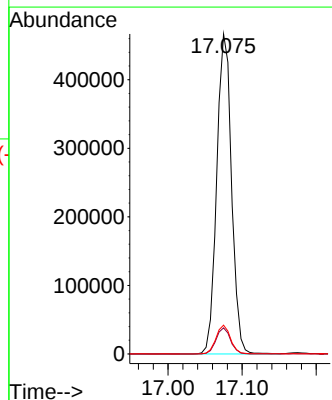
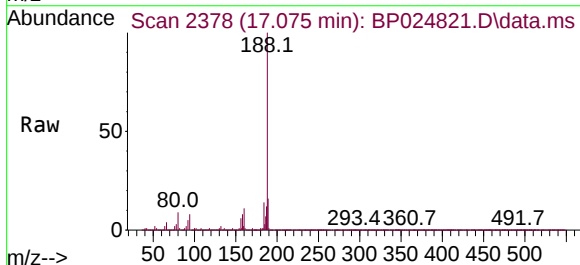
Instrument :
BNA_P
ClientSampleId :
TP-3MS

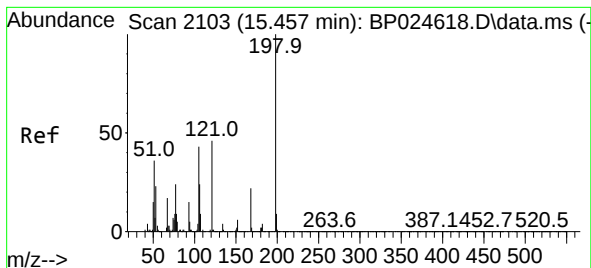
Tgt Ion: 77	Resp: 816587
Ion Ratio	Lower Upper
77 100	
182 31.1	5.7 45.7
105 23.5	1.3 41.3
51 31.9	10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion: 188	Resp: 646661
Ion Ratio	Lower Upper
188 100	
94 8.1	6.5 9.7
80 9.0	7.3 10.9

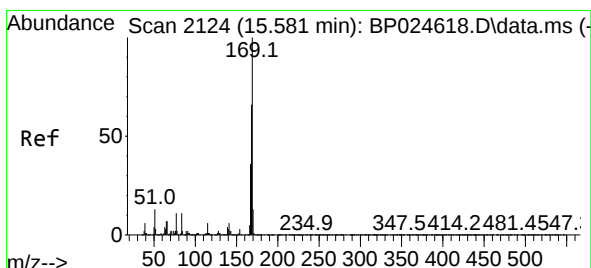
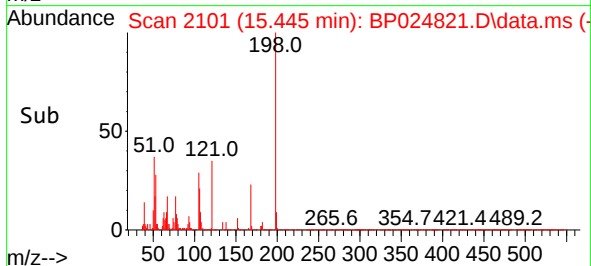
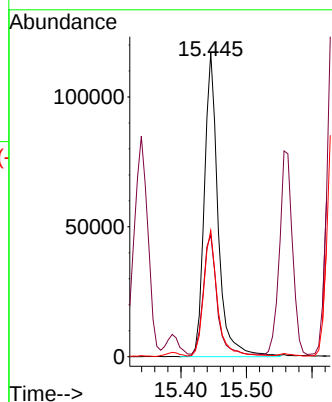
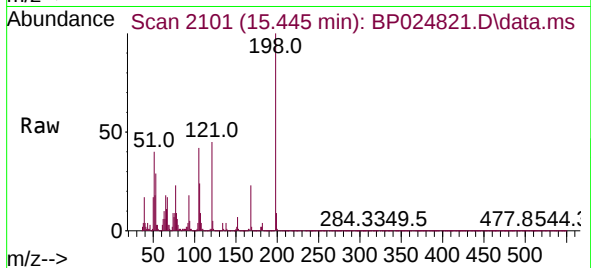




#65
4,6-Dinitro-2-methylphenol
Concen: 40.929 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

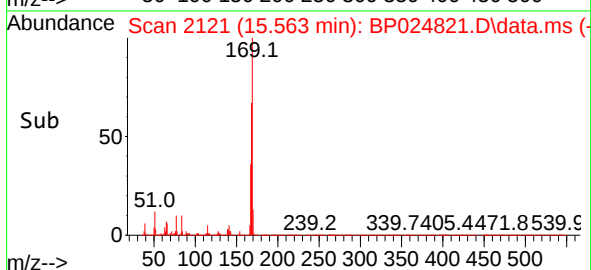
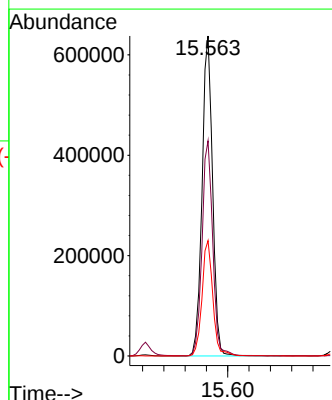
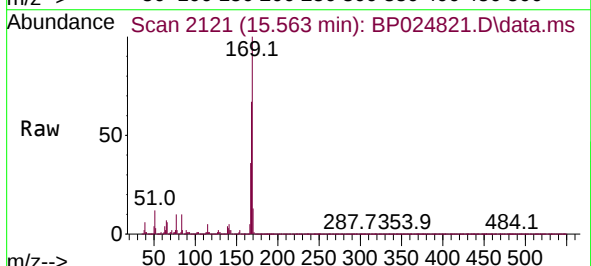
Instrument :
BNA_P
ClientSampleId :
TP-3MS

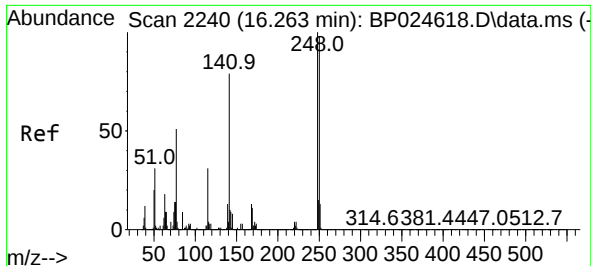
Tgt Ion:198 Resp: 170960
Ion Ratio Lower Upper
198 100
51 40.0 21.1 61.1
105 41.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 43.772 ng
RT: 15.563 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:169 Resp: 869442
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.1 28.6 43.0

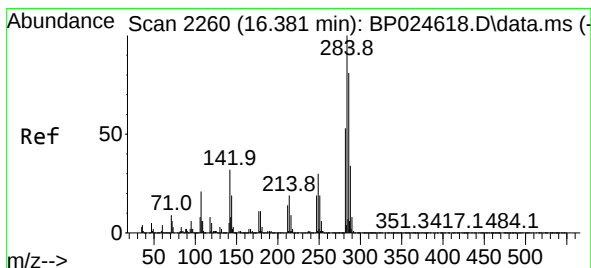
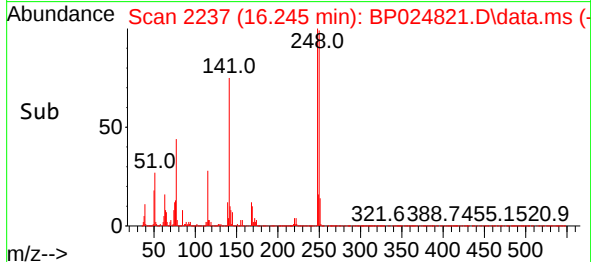
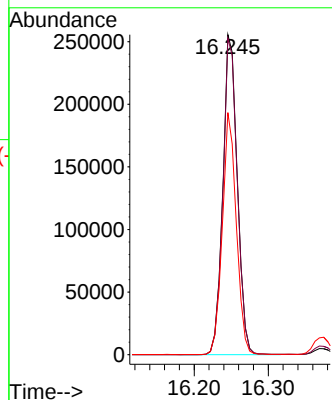
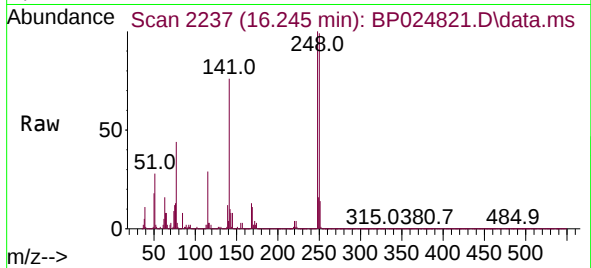




#67
4-Bromophenyl-phenylether
Concen: 45.397 ng
RT: 16.245 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

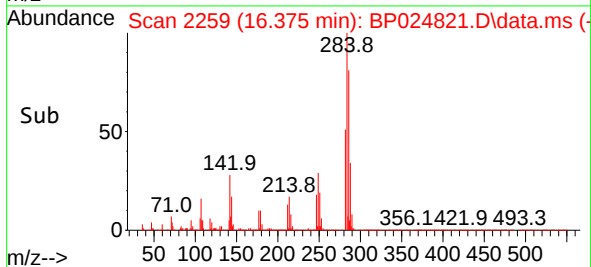
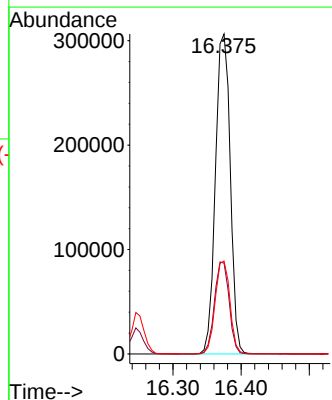
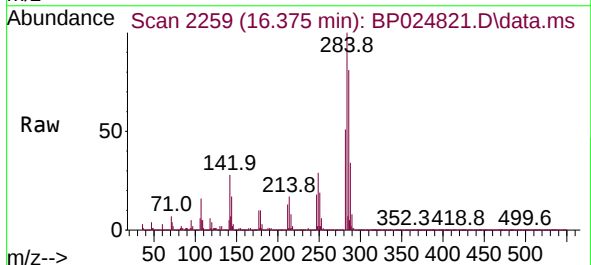
Instrument :
BNA_P
ClientSampleId :
TP-3MS

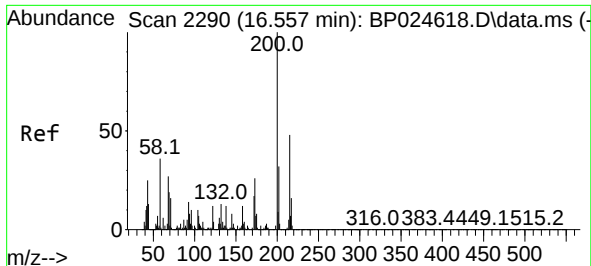
Tgt Ion:248 Resp: 345921
Ion Ratio Lower Upper
248 100
250 98.9 78.2 117.4
141 75.6 63.0 94.6



#68
Hexachlorobenzene
Concen: 47.848 ng
RT: 16.375 min Scan# 2259
Delta R.T. 0.018 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:284 Resp: 463287
Ion Ratio Lower Upper
284 100
142 28.4 25.9 38.9
249 29.0 24.1 36.1

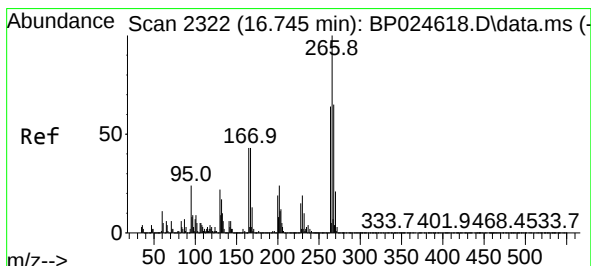
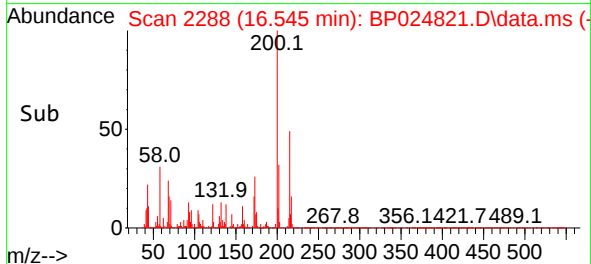
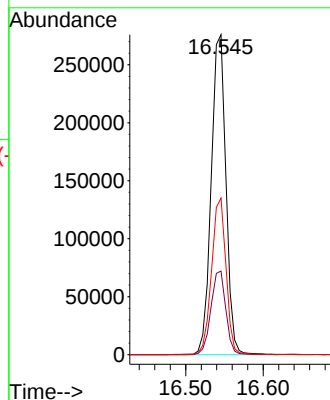
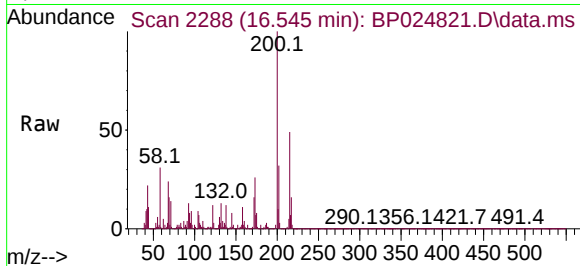




#69
 Atrazine
 Concen: 50.062 ng
 RT: 16.545 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP024821.D
 Acq: 28 May 2025 18:52

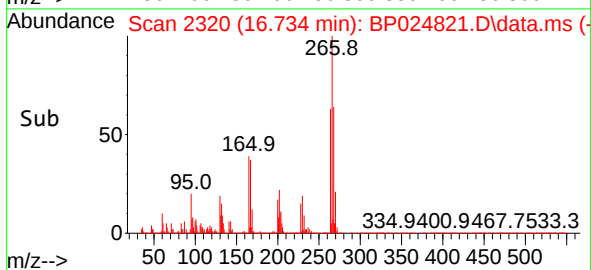
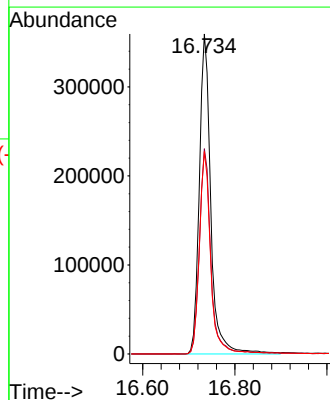
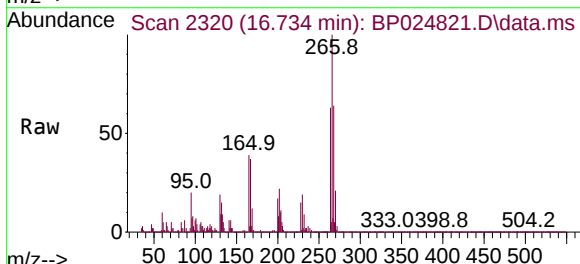
Instrument :
 BNA_P
 ClientSampleId :
 TP-3MS

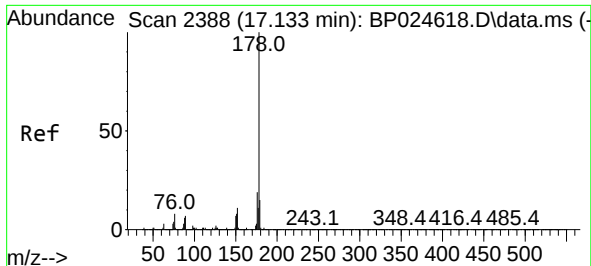
Tgt Ion:200 Resp: 364414
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.9 45.9
 215 49.0 28.3 68.3



#70
 Pentachlorophenol
 Concen: 114.398 ng
 RT: 16.734 min Scan# 2320
 Delta R.T. 0.012 min
 Lab File: BP024821.D
 Acq: 28 May 2025 18:52

Tgt Ion:266 Resp: 621780
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.2 78.4
 264 63.3 51.1 76.7

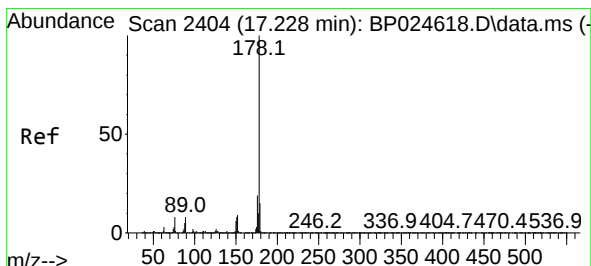
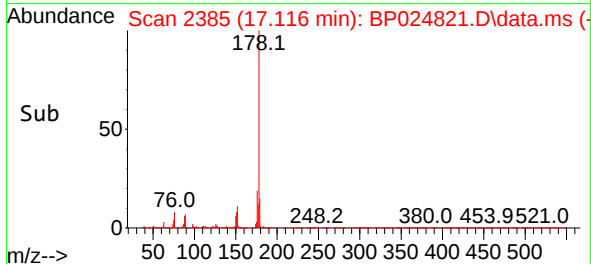
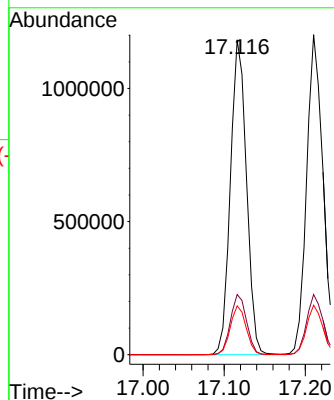
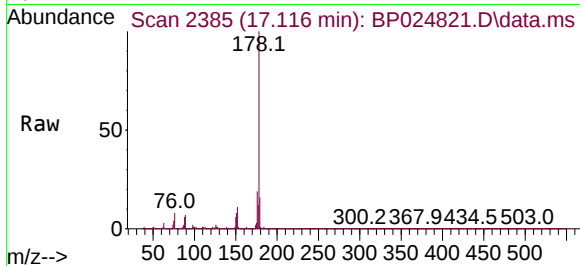




#71
Phenanthrene
Concen: 45.201 ng
RT: 17.116 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

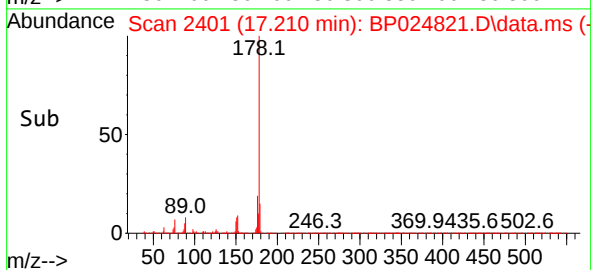
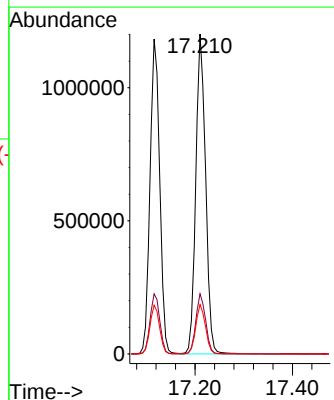
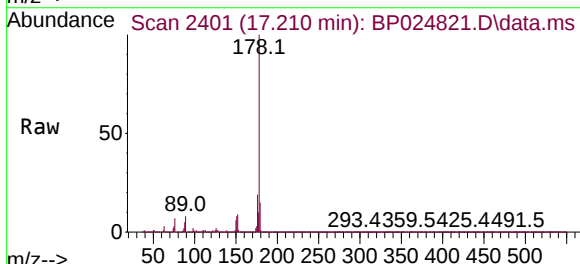
Instrument :
BNA_P
ClientSampleId :
TP-3MS

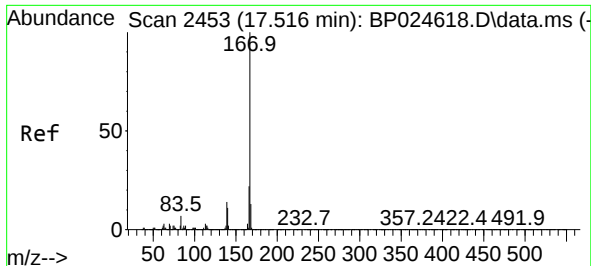
Tgt Ion:178 Resp: 1624906
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 46.715 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:178 Resp: 1689606
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.2 18.2

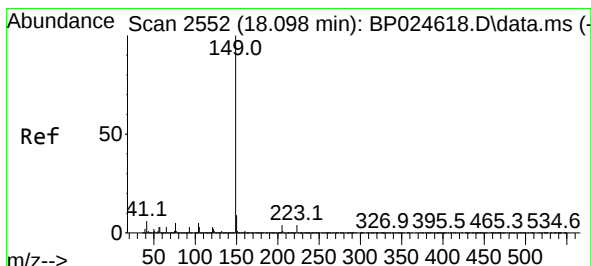
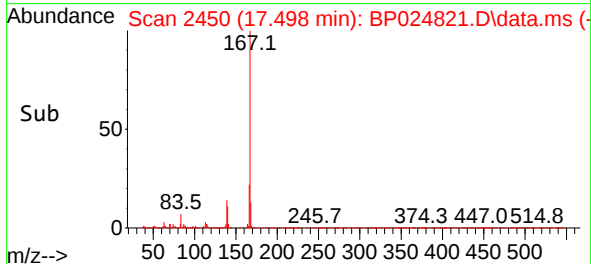
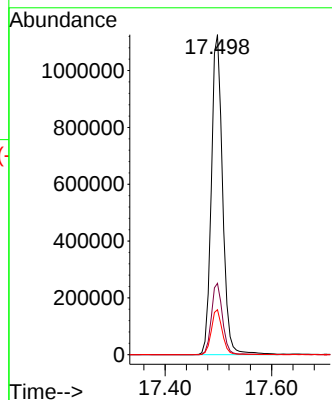
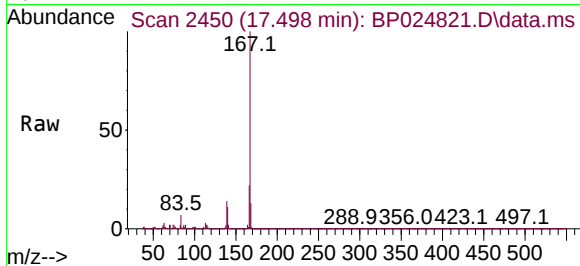




#73
 Carbazole
 Concen: 50.439 ng
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.006 min
 Lab File: BP024821.D
 Acq: 28 May 2025 18:52

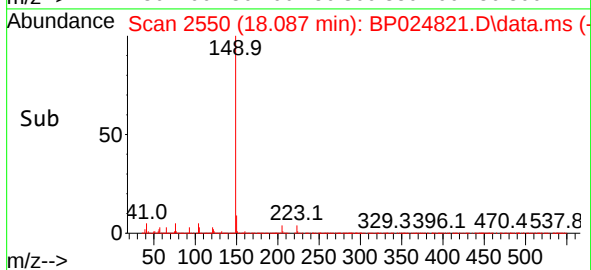
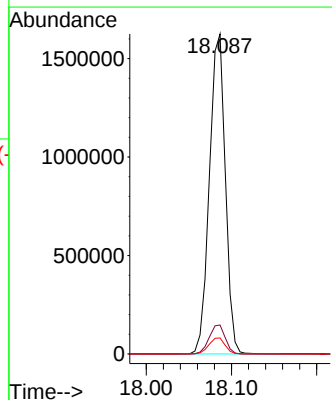
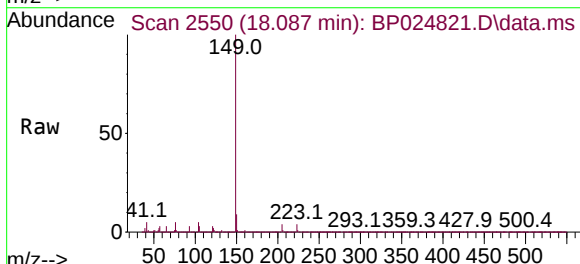
Instrument :
 BNA_P
 ClientSampleId :
 TP-3MS

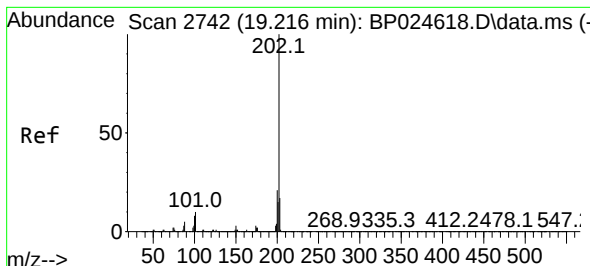
Tgt Ion:167 Resp: 1651165
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 14.1 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 50.070 ng
 RT: 18.087 min Scan# 2550
 Delta R.T. 0.024 min
 Lab File: BP024821.D
 Acq: 28 May 2025 18:52

Tgt Ion:149 Resp: 2108014
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.0 4.3 6.5

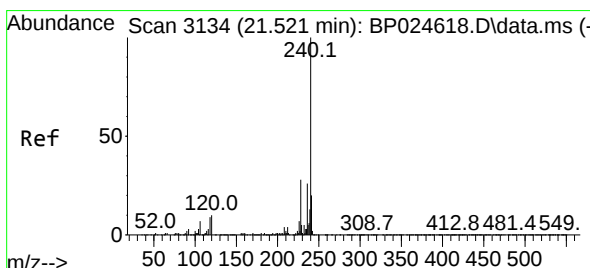
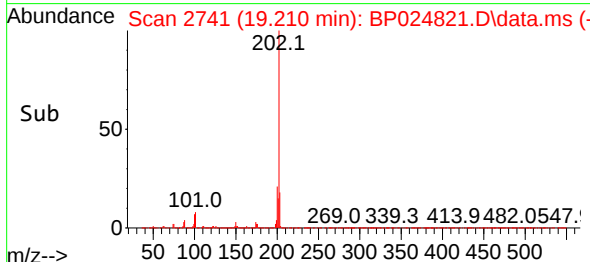
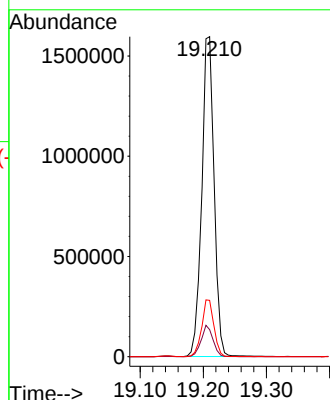
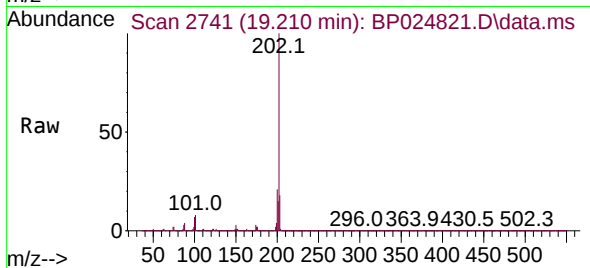




#75
Fluoranthene
Concen: 51.537 ng
RT: 19.210 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

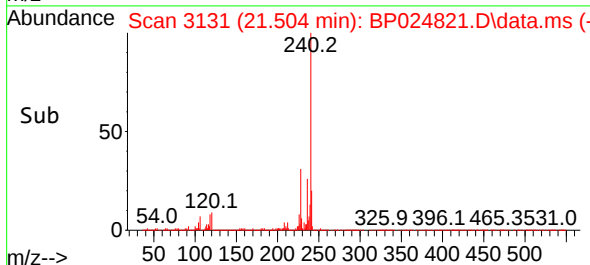
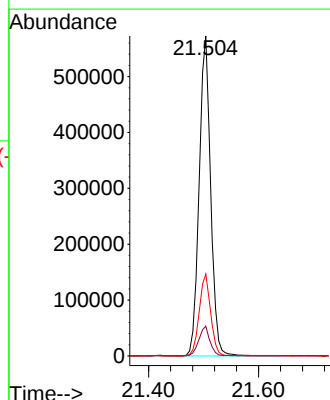
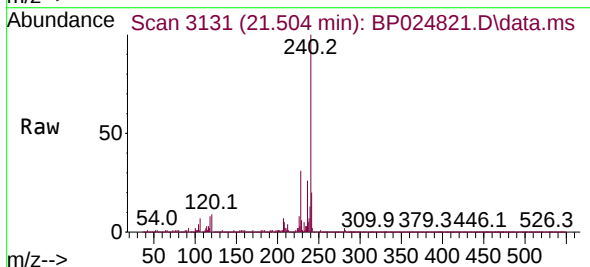
Instrument :
BNA_P
ClientSampleId :
TP-3MS

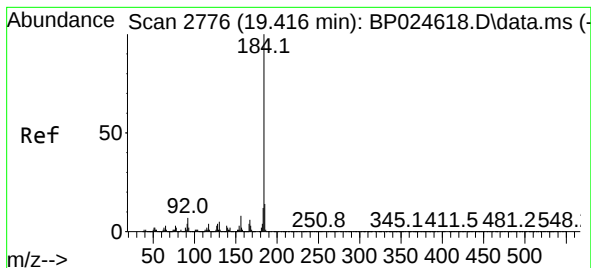
Tgt Ion:202 Resp: 2165687
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.3
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:240 Resp: 831473
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.6 20.6 31.0





#77

Benzidine

Concen: 25.399 ng m

RT: 19.410 min Scan# 2775

Delta R.T. 0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

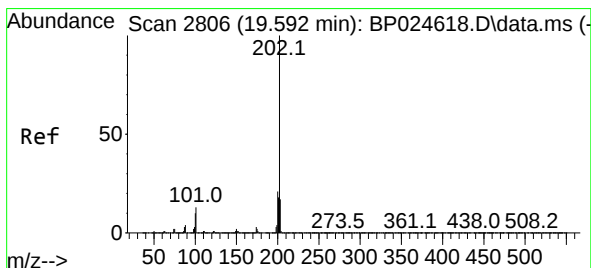
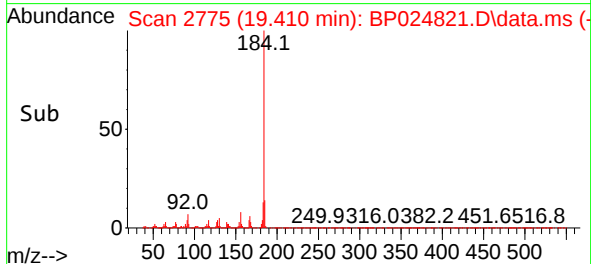
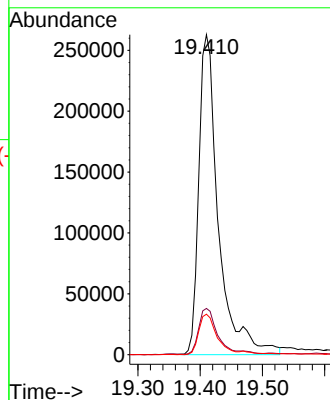
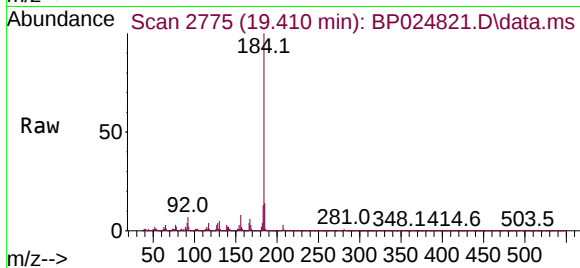
Tgt Ion:184 Resp: 575195

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

183 12.6 9.8 14.8



#78

Pyrene

Concen: 45.401 ng

RT: 19.586 min Scan# 2805

Delta R.T. 0.018 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

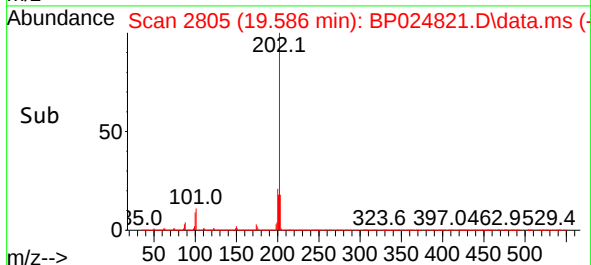
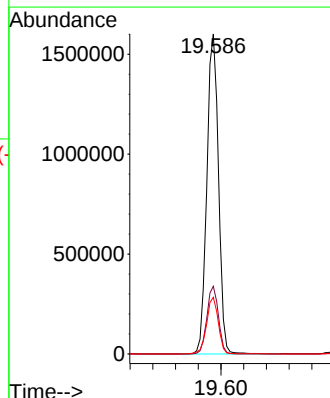
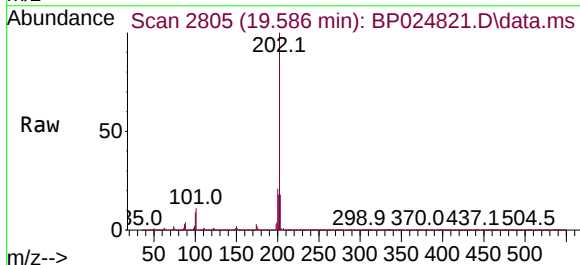
Tgt Ion:202 Resp: 2261891

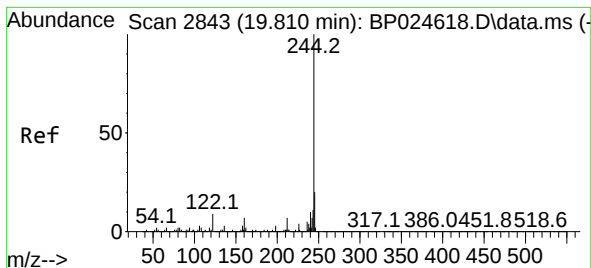
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 80.106 ng

RT: 19.798 min Scan# 2

Delta R.T. 0.012 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

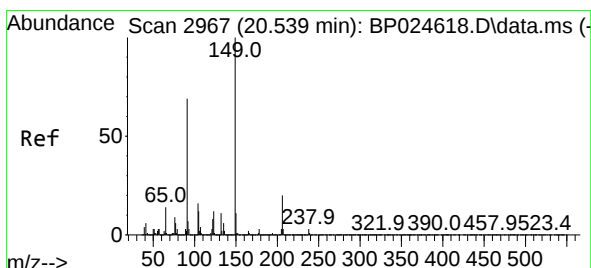
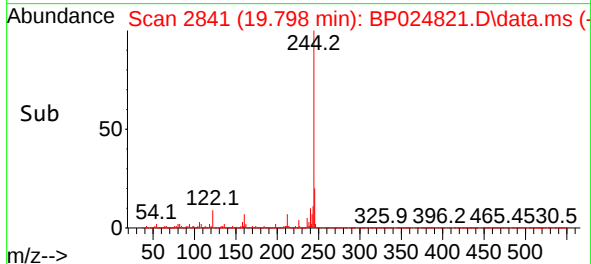
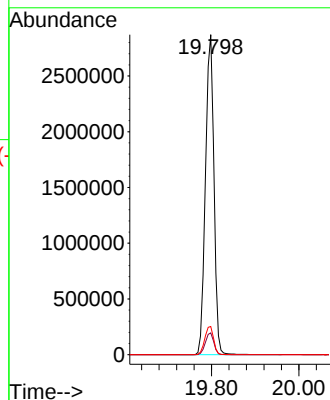
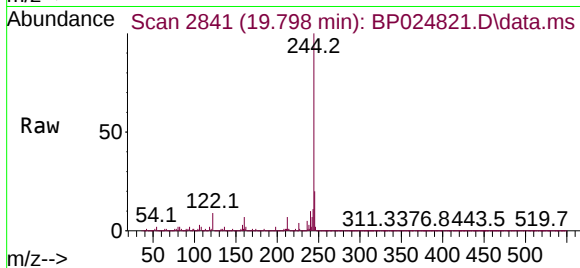
Tgt Ion:244 Resp: 3884402

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.8 7.4 11.0



#80

Butylbenzylphthalate

Concen: 51.134 ng

RT: 20.528 min Scan# 2965

Delta R.T. 0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

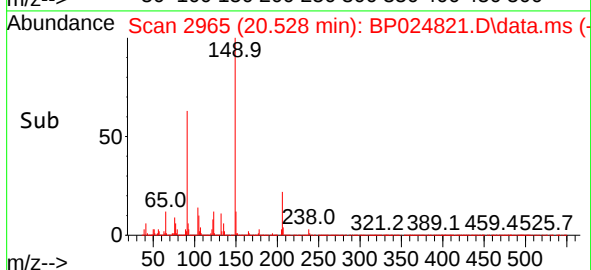
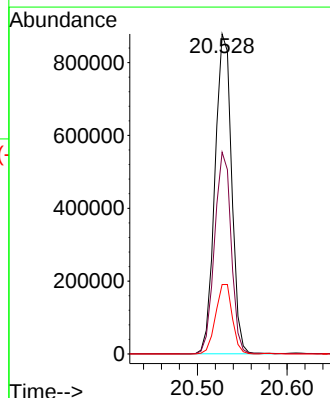
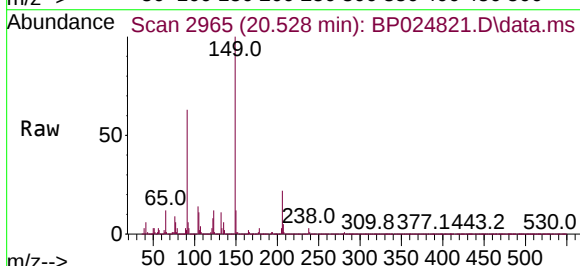
Tgt Ion:149 Resp: 1132985

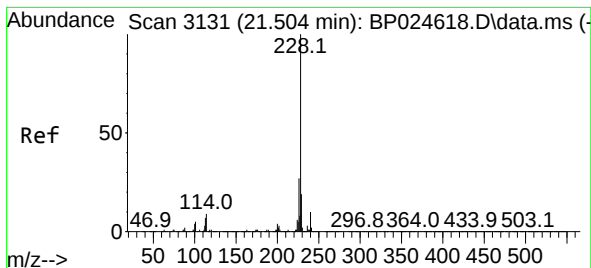
Ion Ratio Lower Upper

149 100

91 63.1 55.4 83.0

206 21.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.977 ng

RT: 21.480 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

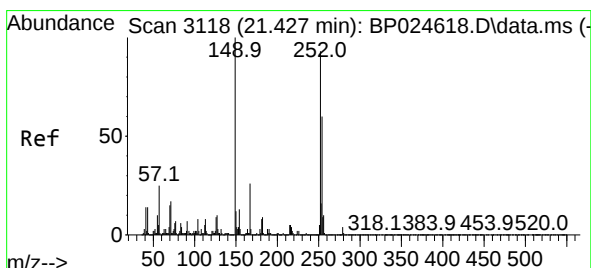
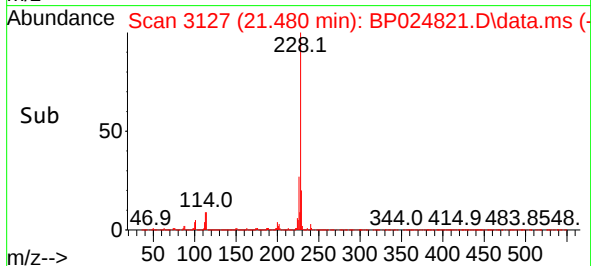
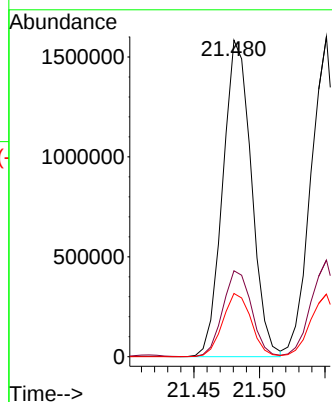
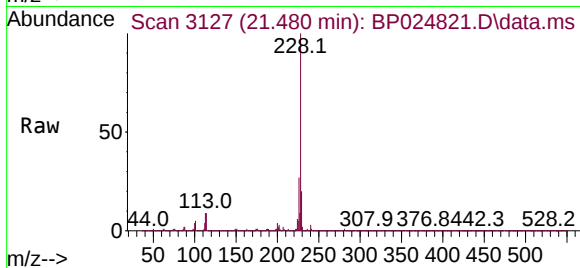
Tgt Ion:228 Resp: 2400450

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 41.484 ng

RT: 21.416 min Scan# 3116

Delta R.T. 0.012 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

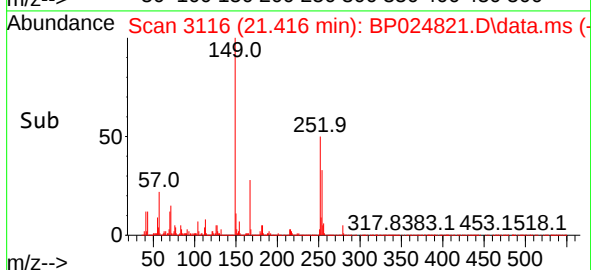
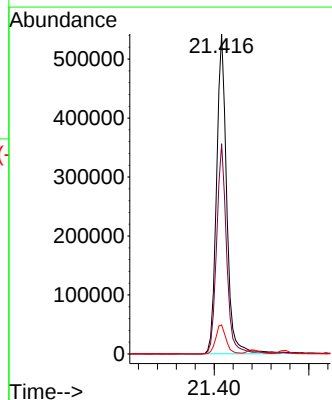
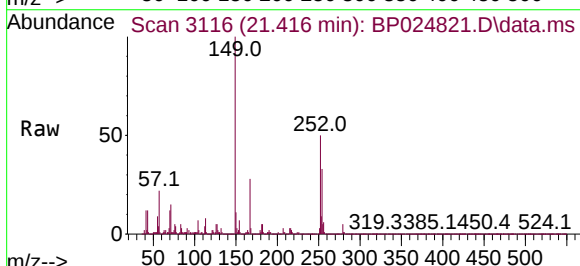
Tgt Ion:252 Resp: 804445

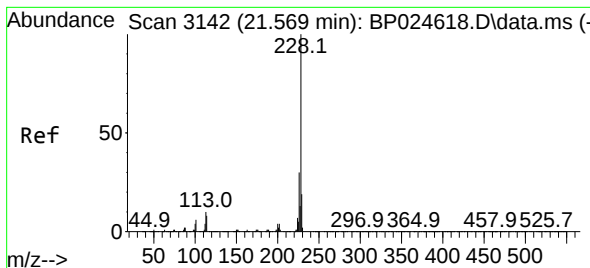
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

126 9.1 7.7 11.5





#83

Chrysene

Concen: 45.669 ng

RT: 21.551 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

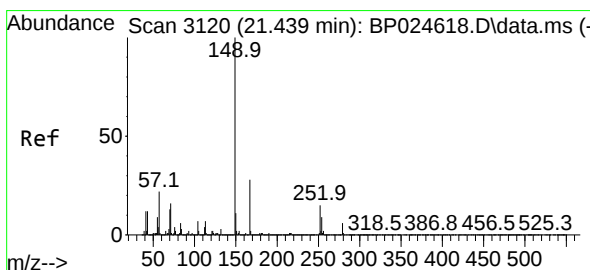
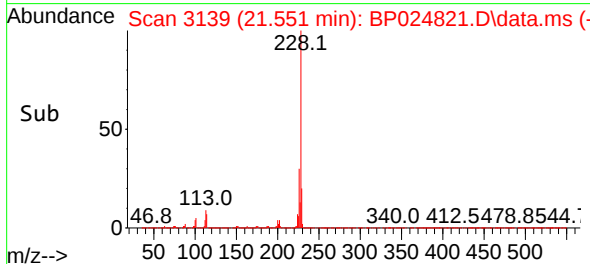
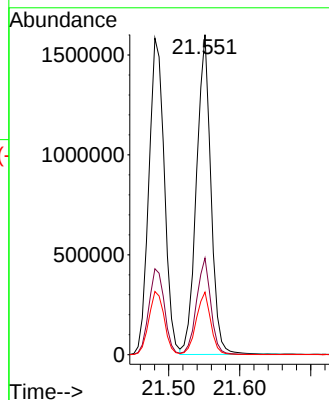
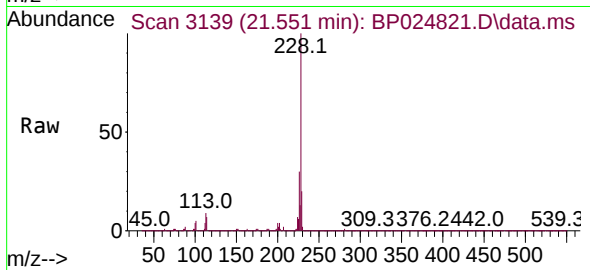
Tgt Ion:228 Resp: 2260271

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.829 ng

RT: 21.422 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

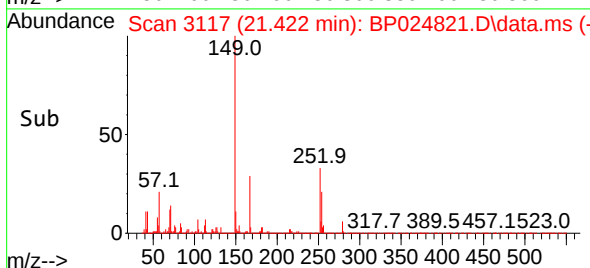
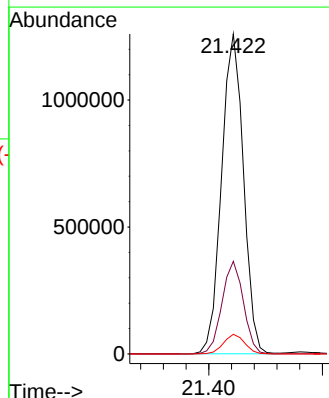
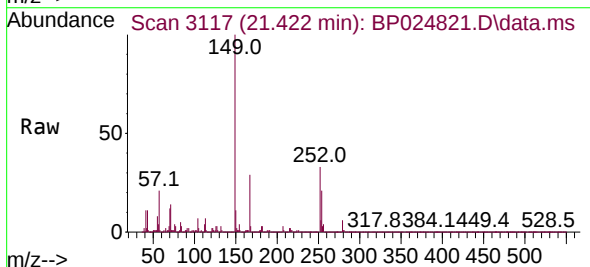
Tgt Ion:149 Resp: 1687893

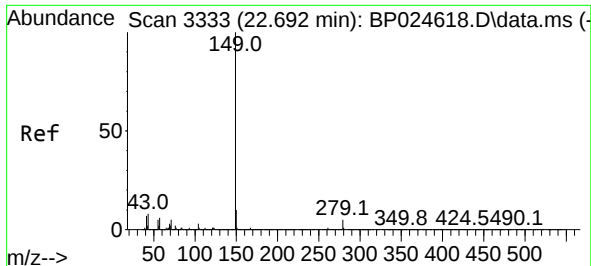
Ion Ratio Lower Upper

149 100

167 29.0 22.1 33.1

279 6.1 4.6 6.8

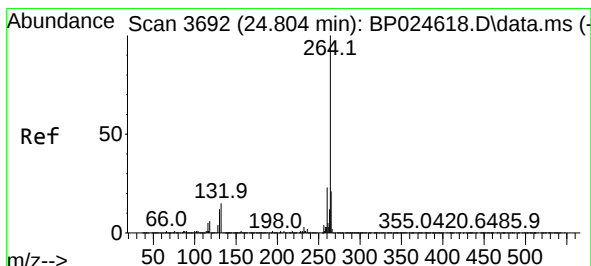
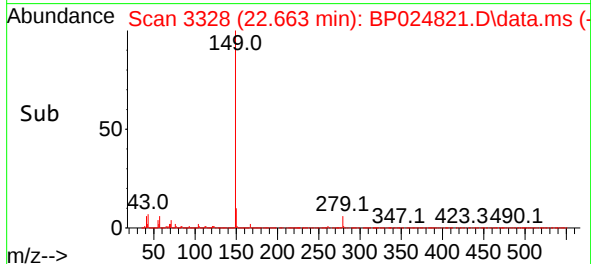
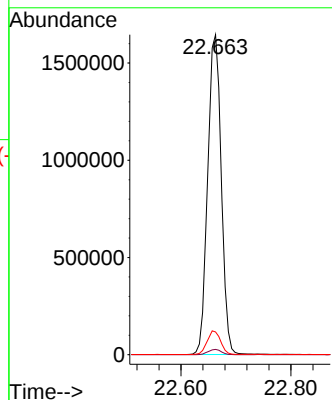
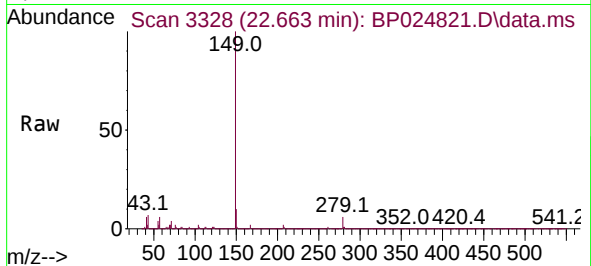




#85
Di-n-octyl phthalate
Concen: 52.884 ng
RT: 22.663 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

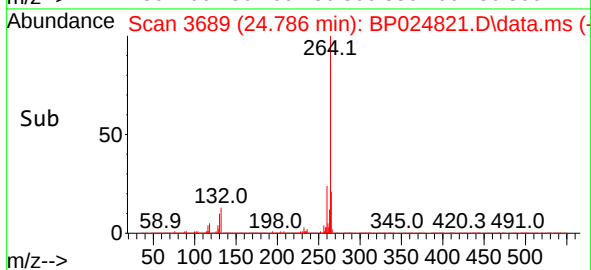
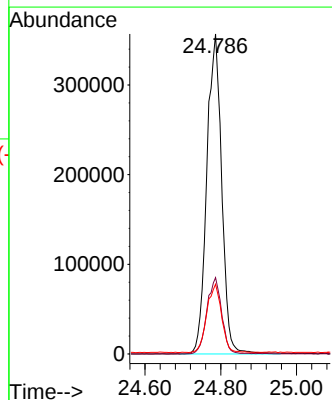
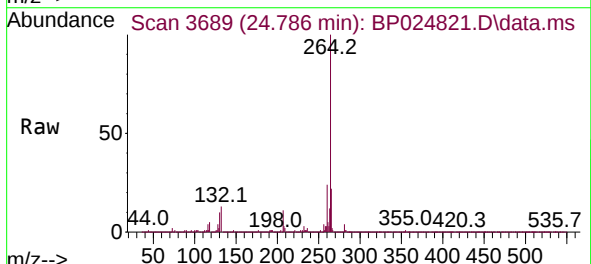
Instrument :
BNA_P
ClientSampleId :
TP-3MS

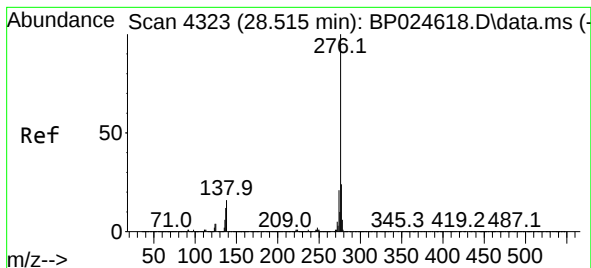
Tgt Ion:149 Resp: 2816394
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.4 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.786 min Scan# 3689
Delta R.T. 0.041 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:264 Resp: 969535
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.800 ng

RT: 28.486 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

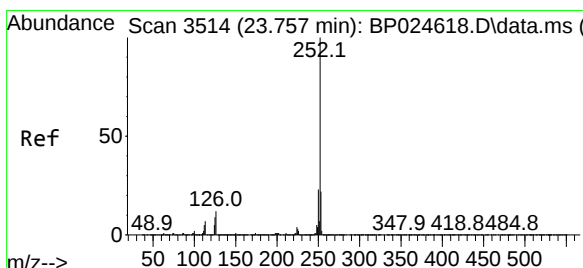
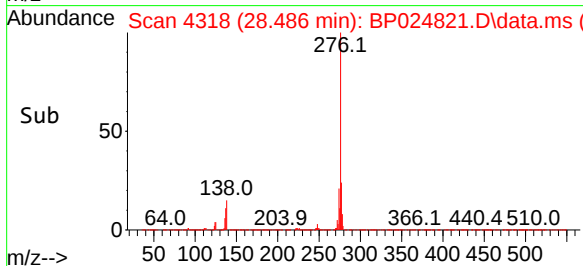
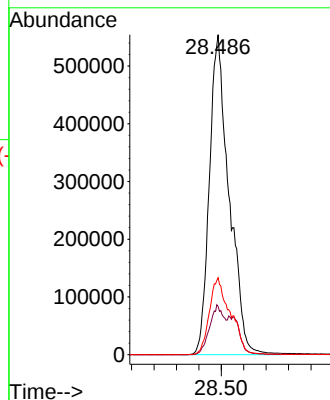
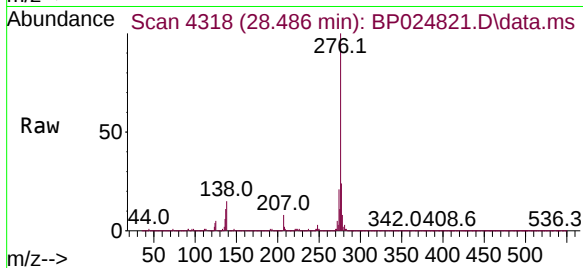
Tgt Ion:276 Resp: 3383382

Ion Ratio Lower Upper

276 100

138 11.3 11.2 16.8

277 25.7 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 46.505 ng

RT: 23.739 min Scan# 3511

Delta R.T. 0.018 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

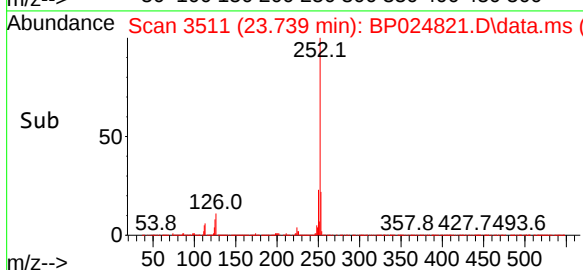
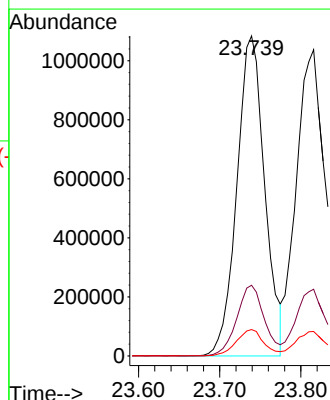
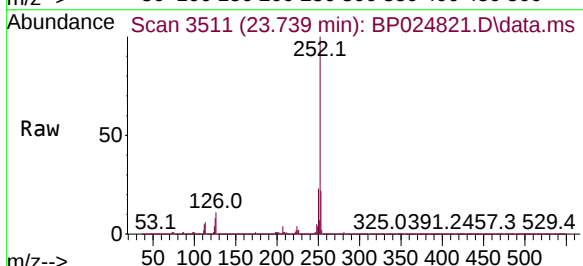
Tgt Ion:252 Resp: 2580790

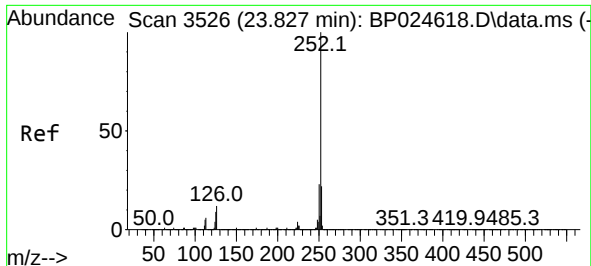
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.3 7.5 11.3

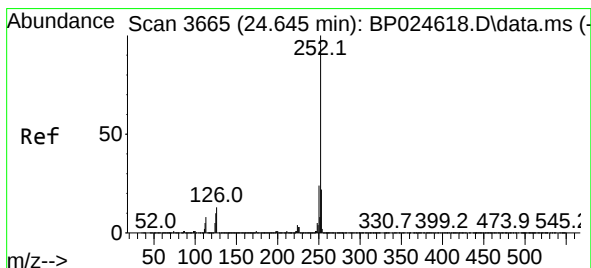
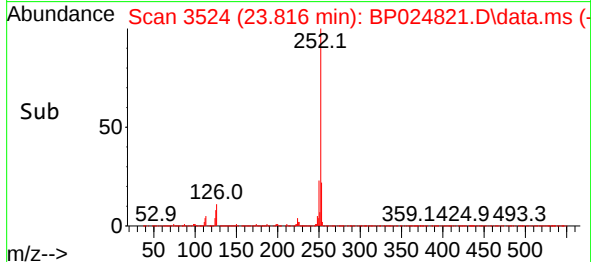
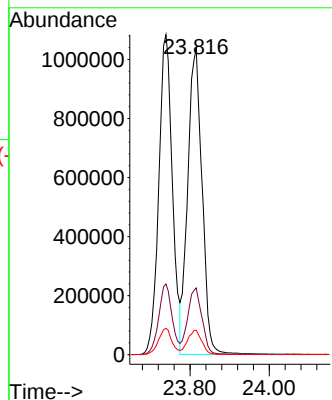
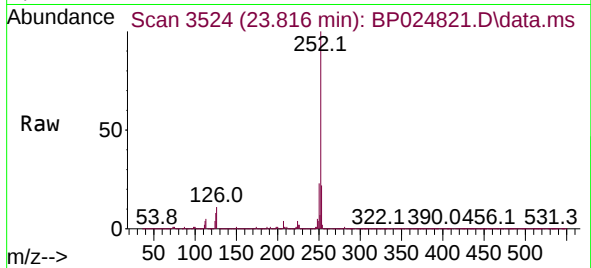




#89
Benzo(k)fluoranthene
Concen: 45.570 ng
RT: 23.816 min Scan# 3526
Delta R.T. 0.018 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

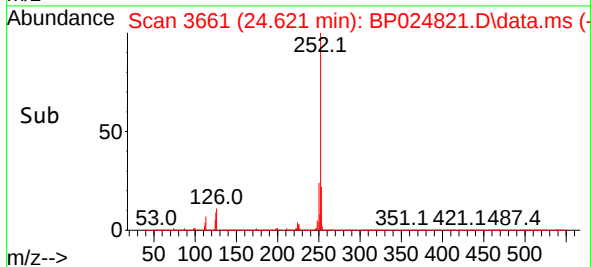
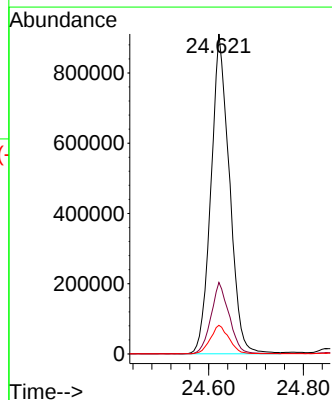
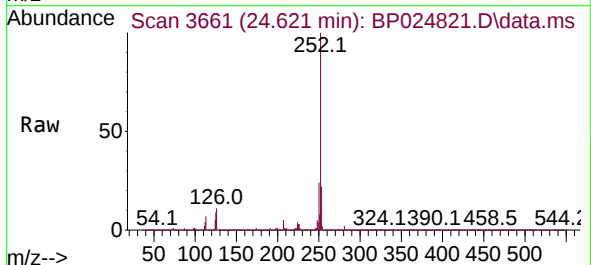
Instrument :
BNA_P
ClientSampleId :
TP-3MS

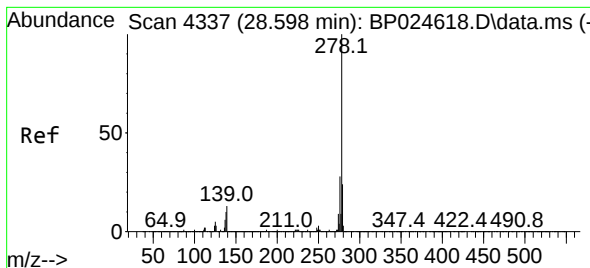
Tgt Ion:252 Resp: 2605845
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.0 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.132 ng
RT: 24.621 min Scan# 3661
Delta R.T. 0.024 min
Lab File: BP024821.D
Acq: 28 May 2025 18:52

Tgt Ion:252 Resp: 2458752
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.0 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 48.066 ng

RT: 28.557 min Scan# 41

Delta R.T. 0.036 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Instrument :

BNA_P

ClientSampleId :

TP-3MS

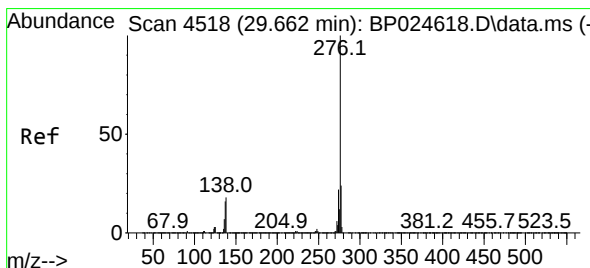
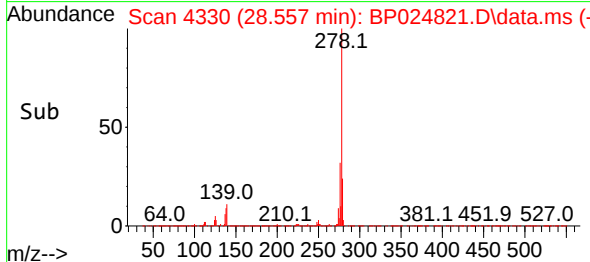
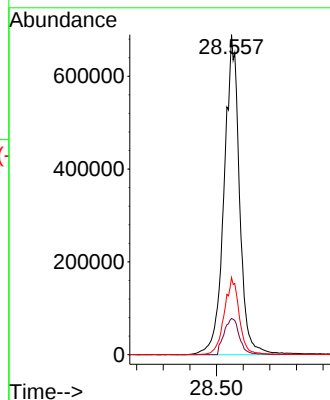
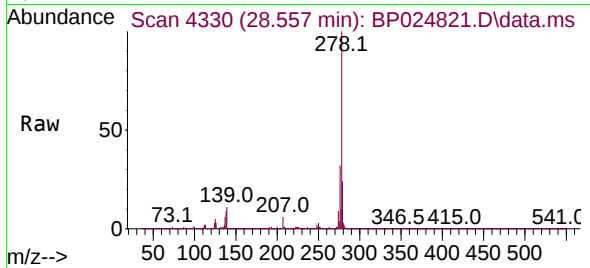
Tgt Ion:278 Resp: 2767794

Ion Ratio Lower Upper

278 100

139 11.3 10.2 15.4

279 24.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.080 ng

RT: 29.633 min Scan# 4513

Delta R.T. 0.041 min

Lab File: BP024821.D

Acq: 28 May 2025 18:52

Tgt Ion:276 Resp: 2695955

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 16.0 14.4 21.6

