

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024513.D
 Acq On : 02 May 2025 17:41
 Operator : RC/JU
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

Quant Time: May 02 18:09:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	141924	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	591453	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	402119	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	825147	20.000	ng	# 0.00
76) Chrysene-d12	21.616	240	900538	20.000	ng	0.02
86) Perylene-d12	24.968	264	1001580	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	617427	71.932	ng	-0.02
7) Phenol-d6	6.899	99	819421	69.719	ng	-0.01
23) Nitrobenzene-d5	8.858	82	473762	45.675	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	498666	89.631	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1059592	40.345	ng	-0.01
79) Terphenyl-d14	19.881	244	2091355	46.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	140576	38.719	ng	# 95
3) Pyridine	3.670	79	359478	37.497	ng	93
4) n-Nitrosodimethylamine	3.575	42	158444	49.798	ng	# 75
6) Aniline	7.046	93	586745	55.867	ng	98
8) 2-Chlorophenol	7.281	128	458372	47.830	ng	100
9) Benzaldehyde	6.858	77	190738	32.807	ng	99
10) Phenol	6.922	94	553725	46.965	ng	91
11) bis(2-Chloroethyl)ether	7.134	93	383205	40.340	ng	99
12) 1,3-Dichlorobenzene	7.599	146	467069	45.271	ng	99
13) 1,4-Dichlorobenzene	7.740	146	474945	45.371	ng	99
14) 1,2-Dichlorobenzene	8.052	146	455362	45.049	ng	98
15) Benzyl Alcohol	7.952	79	395619	52.050	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.228	45	433342	42.203	ng	99
17) 2-Methylphenol	8.152	107	379342	49.736	ng	96
18) Hexachloroethane	8.775	117	176238	46.586	ng	96
19) n-Nitroso-di-n-propyla...	8.511	70	309347	42.544	ng	93
20) 3+4-Methylphenols	8.475	107	530716	50.148	ng	97
22) Acetophenone	8.522	105	647840	44.255	ng	# 97
24) Nitrobenzene	8.899	77	464851	45.302	ng	99
25) Isophorone	9.422	82	889184	47.360	ng	98
26) 2-Nitrophenol	9.605	139	254061	50.595	ng	95
27) 2,4-Dimethylphenol	9.669	122	437819	69.438	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	541025	42.657	ng	99
29) 2,4-Dichlorophenol	10.140	162	448419	52.160	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	435401	47.270	ng	99
31) Naphthalene	10.534	128	1355486	43.507	ng	99
32) Benzoic acid	9.840	122	342220	46.580	ng	95
33) 4-Chloroaniline	10.646	127	525143	47.863	ng	99
34) Hexachlorobutadiene	10.816	225	274391	50.694	ng	100
35) Caprolactam	11.446	113	158995	50.122	ng	96
36) 4-Chloro-3-methylphenol	11.787	107	520868	52.016	ng	99
37) 2-Methylnaphthalene	12.140	142	892005	41.283	ng	96
38) 1-Methylnaphthalene	12.369	142	945752	44.743	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	505825	45.741	ng	98
41) Hexachlorocyclopentadiene	12.499	237	671919	171.801	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	377580	51.356	ng	97

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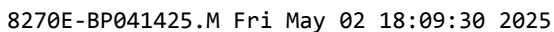
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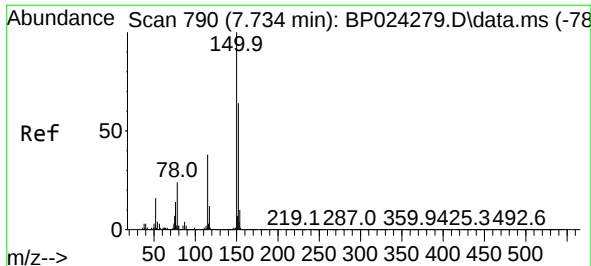
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	420290	51.623	ng	99
46) 1,1'-Biphenyl	13.163	154	1290410	43.657	ng	99
47) 2-Chloronaphthalene	13.210	162	1005357	45.510	ng	98
48) 2-Nitroaniline	13.416	65	322077	51.976	ng	94
49) Acenaphthylene	14.063	152	1696181	48.768	ng	99
50) Dimethylphthalate	13.804	163	1378891	47.153	ng	99
51) 2,6-Dinitrotoluene	13.928	165	306312	49.328	ng	96
52) Acenaphthene	14.410	154	964620	43.747	ng	99
53) 3-Nitroaniline	14.263	138	291286	44.632	ng	99
54) 2,4-Dinitrophenol	14.475	184	393144	107.482	ng	92
55) Dibenzofuran	14.745	168	1540195	42.733	ng	96
56) 4-Nitrophenol	14.598	139	591872	105.005	ng	90
57) 2,4-Dinitrotoluene	14.728	165	447648	52.847	ng	98
58) Fluorene	15.410	166	1282282	45.958	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	378791	50.445	ng	98
60) Diethylphthalate	15.187	149	1447472	48.032	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	636626	46.987	ng	97
62) 4-Nitroaniline	15.445	138	352176	50.974	ng	87
63) Azobenzene	15.704	77	1316609	47.535	ng	96
65) 4,6-Dinitro-2-methylph...	15.504	198	254475	48.916	ng	96
66) n-Nitrosodiphenylamine	15.628	169	1141798	46.360	ng	98
67) 4-Bromophenyl-phenylether	16.322	248	441366	48.908	ng	99
68) Hexachlorobenzene	16.445	284	545562	50.875	ng	99
69) Atrazine	16.610	200	440340	70.199	ng	98
70) Pentachlorophenol	16.804	266	782141	104.550	ng	99
71) Phenanthrene	17.192	178	2057904	45.717	ng	99
72) Anthracene	17.292	178	2121392	48.898	ng	99
73) Carbazole	17.569	167	2010943	47.439	ng	98
74) Di-n-butylphthalate	18.169	149	2681292	50.770	ng	100
75) Fluoranthene	19.286	202	2513299	46.945	ng	97
77) Benzidine	19.492	184	1732487	151.772	ng	99
78) Pyrene	19.669	202	2576297	45.016	ng	100
80) Butylbenzylphthalate	20.622	149	1251254	51.044	ng	95
81) Benzo(a)anthracene	21.592	228	2589154	46.256	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	822979	41.890	ng	99
83) Chrysene	21.663	228	2452441	45.733	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	1850829	51.505	ng	99
85) Di-n-octyl phthalate	22.804	149	3090140	52.895	ng	100
87) Indeno(1,2,3-cd)pyrene	28.780	276	3441950	49.500	ng	96
88) Benzo(b)fluoranthene	23.898	252	2680647	44.651	ng	98
89) Benzo(k)fluoranthene	23.898	252	2680647	46.225	ng	98
90) Benzo(a)pyrene	24.810	252	2574791	49.719	ng	97
91) Dibenzo(a,h)anthracene	28.862	278	2830658	49.045	ng	97
92) Benzo(g,h,i)perylene	29.945	276	2741375	46.665	ng #	95

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

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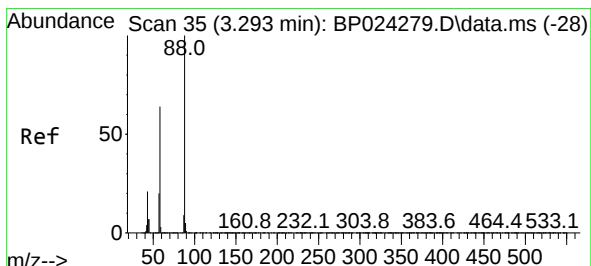
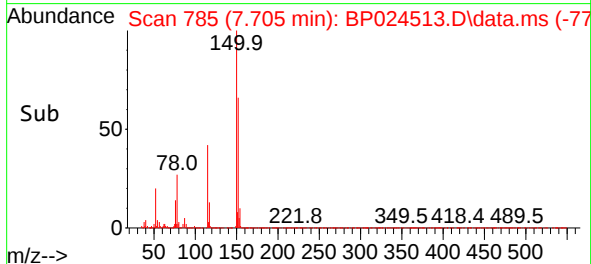
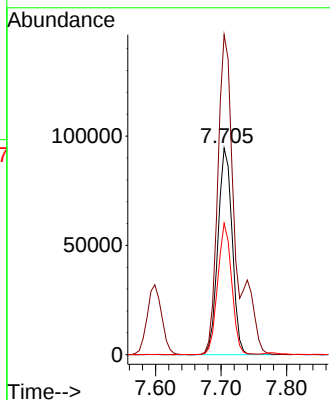
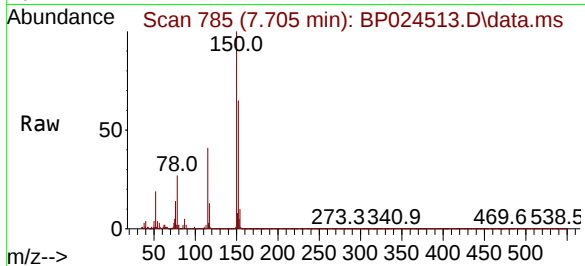




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.705 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BP024513.D
 Acq: 02 May 2025 17:41

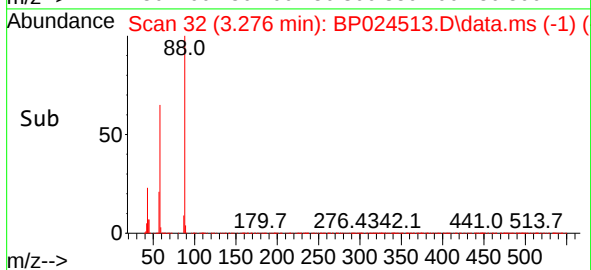
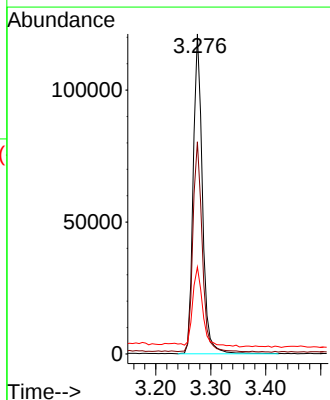
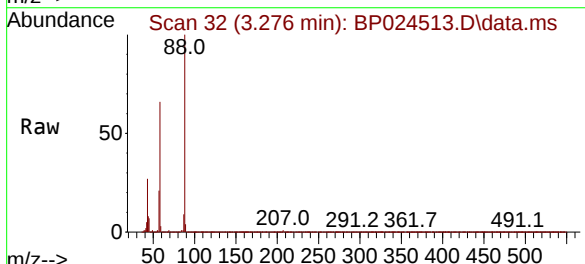
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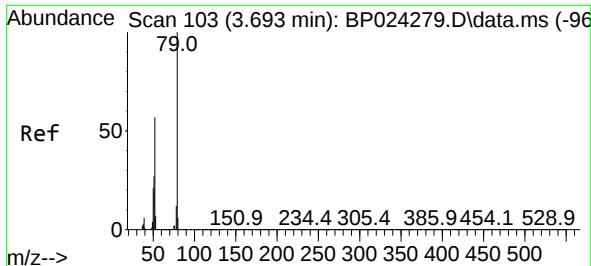
Tgt Ion:152 Resp: 141924
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.9 187.3
 115 63.6 47.7 71.5



#2
 1,4-Dioxane
 Concen: 38.719 ng
 RT: 3.276 min Scan# 32
 Delta R.T. -0.012 min
 Lab File: BP024513.D
 Acq: 02 May 2025 17:41

Tgt Ion: 88 Resp: 140576
 Ion Ratio Lower Upper
 88 100
 58 66.5 51.4 77.2
 43 27.1 17.1 25.7#

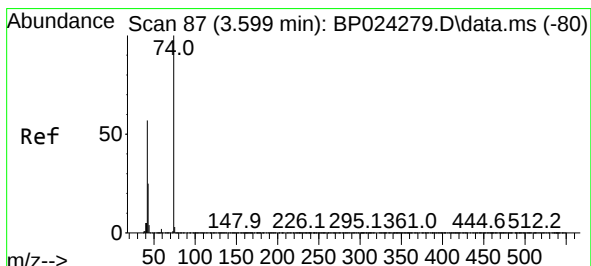
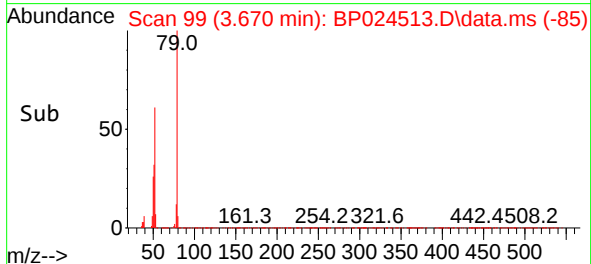
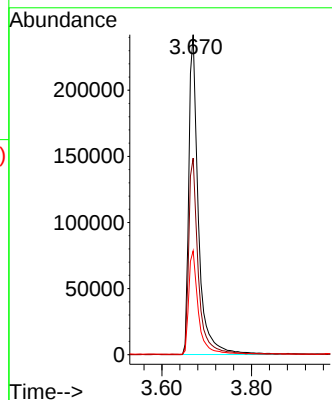
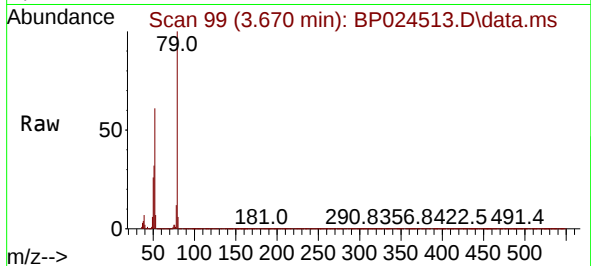




#3
 Pyridine
 Concen: 37.497 ng
 RT: 3.670 min Scan# 99
 Delta R.T. -0.017 min
 Lab File: BP024513.D
 Acq: 02 May 2025 17:41

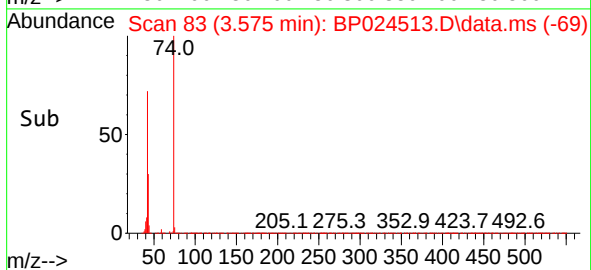
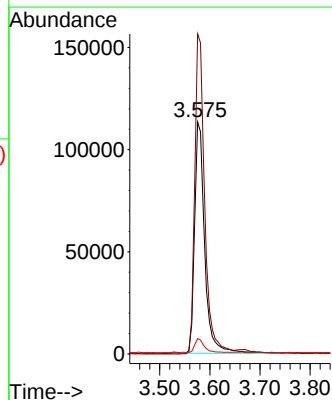
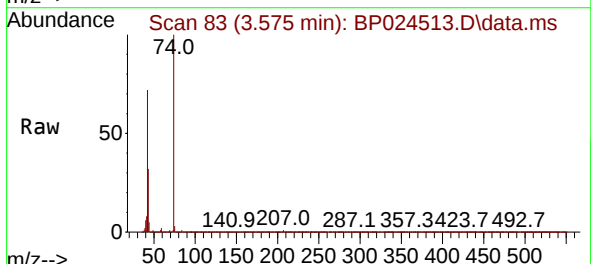
Instrument :
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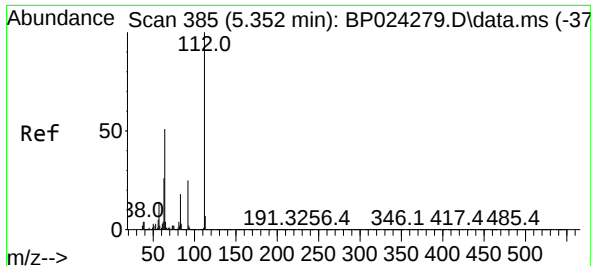
Tgt Ion: 79 Resp: 359478
 Ion Ratio Lower Upper
 79 100
 52 61.5 45.4 68.2
 51 32.5 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 49.798 ng
 RT: 3.575 min Scan# 83
 Delta R.T. -0.017 min
 Lab File: BP024513.D
 Acq: 02 May 2025 17:41

Tgt Ion: 42 Resp: 158444
 Ion Ratio Lower Upper
 42 100
 74 138.0 139.5 209.3#
 44 6.6 5.8 8.8

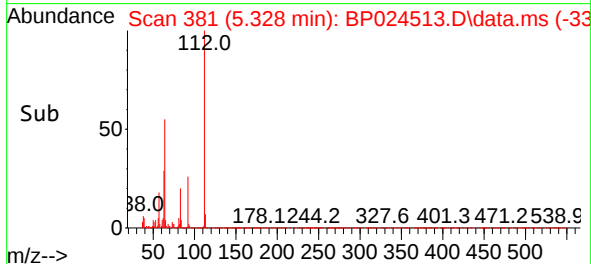
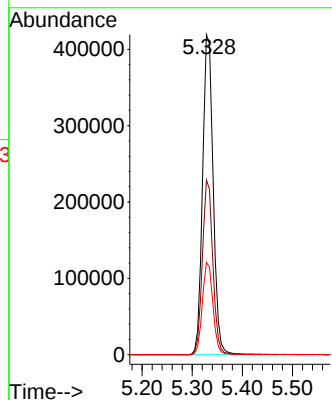
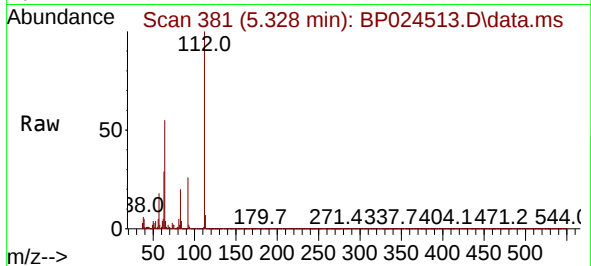




#5
2-Fluorophenol
Concen: 71.932 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

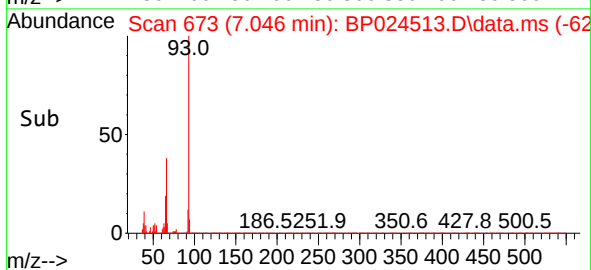
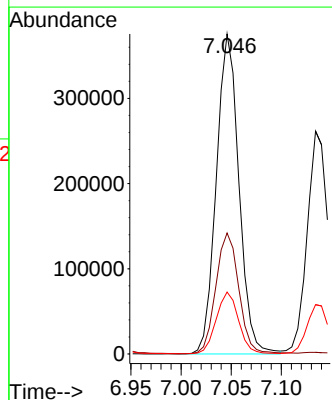
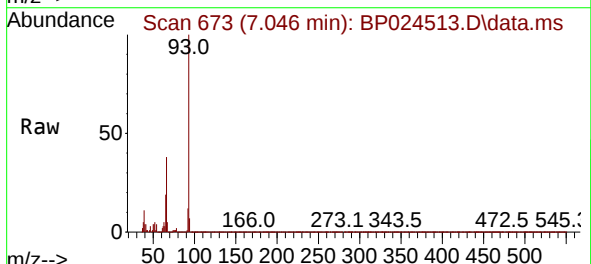
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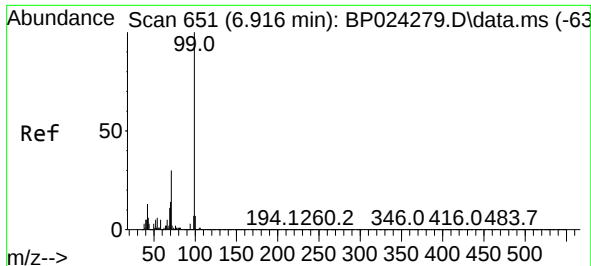
Tgt Ion:112 Resp: 617427
Ion Ratio Lower Upper
112 100
64 54.6 41.1 61.7
63 28.8 20.6 30.8



#6
Aniline
Concen: 55.867 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 93 Resp: 586745
Ion Ratio Lower Upper
93 100
66 37.8 29.1 43.7
65 19.3 14.7 22.1

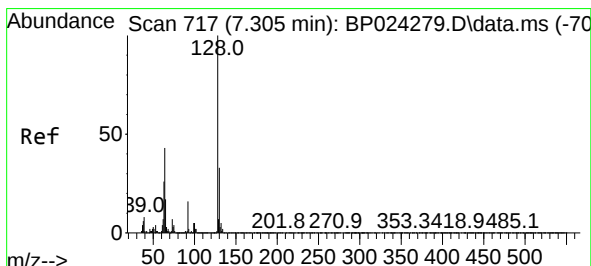
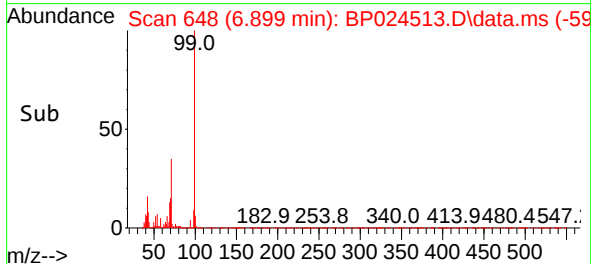
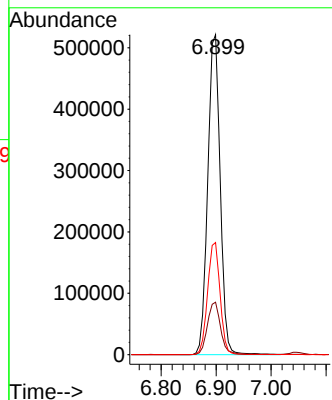
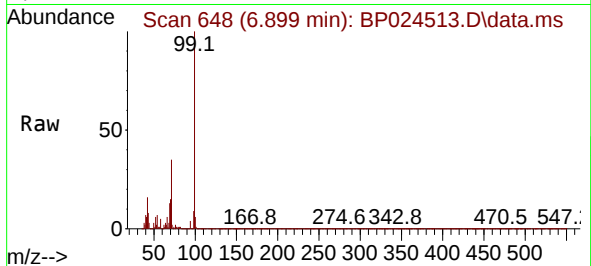




#7
Phenol-d6
Concen: 69.719 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

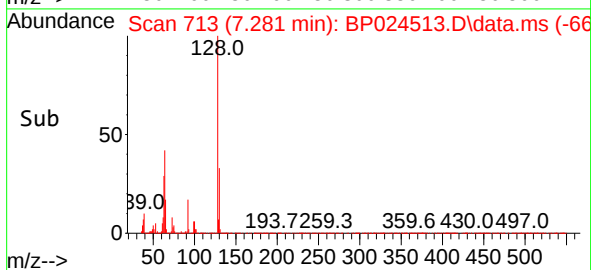
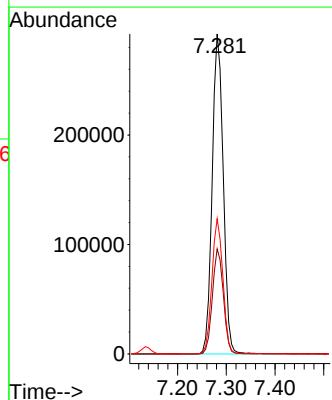
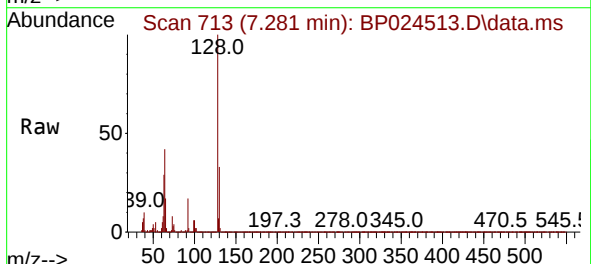
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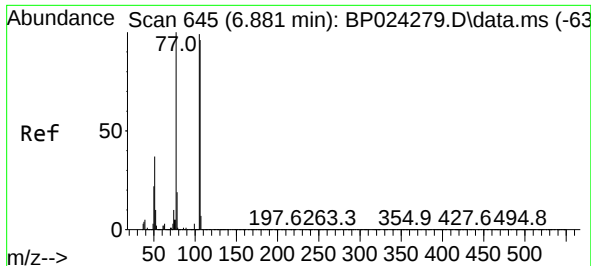
Tgt Ion: 99 Resp: 819421
Ion Ratio Lower Upper
99 100
42 16.4 10.6 16.0#
71 35.1 23.7 35.5



#8
2-Chlorophenol
Concen: 47.830 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:128 Resp: 458372
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 42.2 22.7 62.7

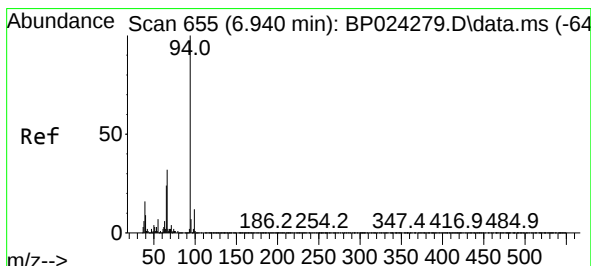
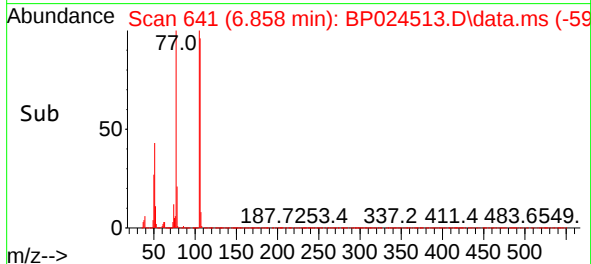
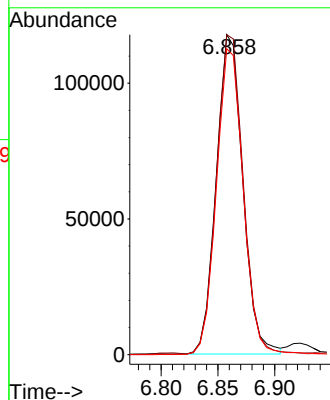
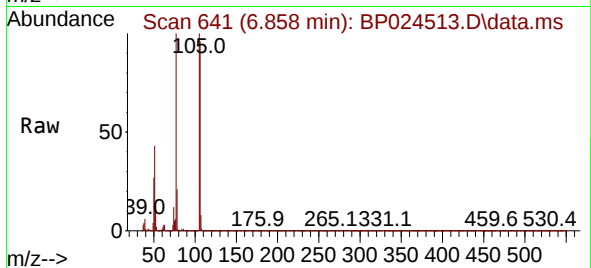




#9
Benzaldehyde
Concen: 32.807 ng
RT: 6.858 min Scan# 645
Delta R.T. -0.023 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

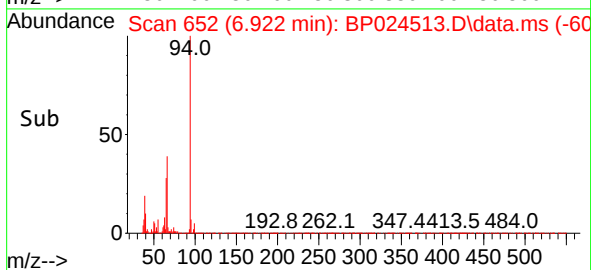
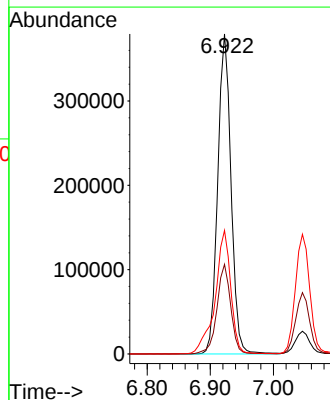
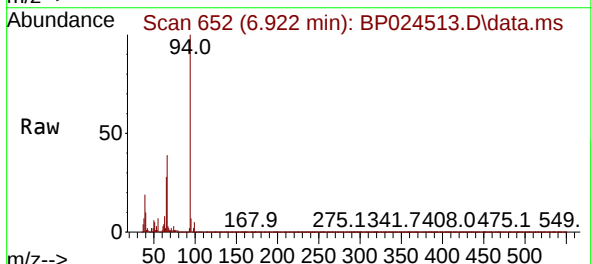
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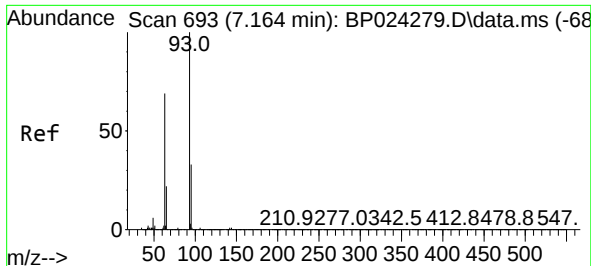
Tgt Ion: 77 Resp: 190738
Ion Ratio Lower Upper
77 100
105 100.0 79.2 119.2
106 95.6 76.2 116.2



#10
Phenol
Concen: 46.965 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 94 Resp: 553725
Ion Ratio Lower Upper
94 100
65 28.0 4.5 44.5
66 38.6 12.4 52.4

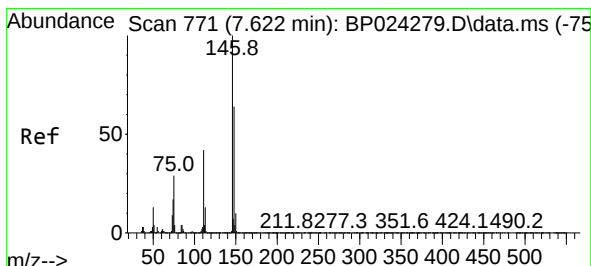
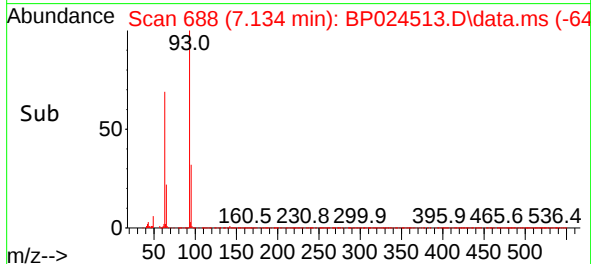
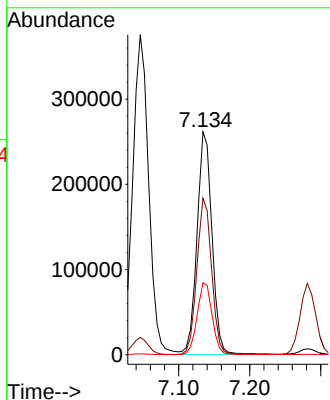
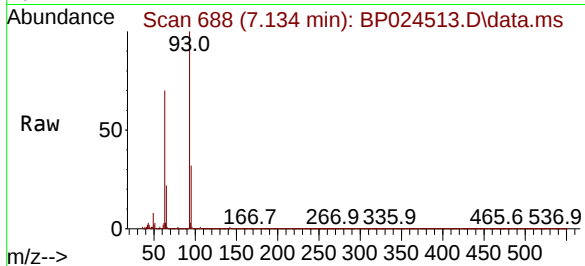




#11
bis(2-Chloroethyl)ether
Concen: 40.340 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.023 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

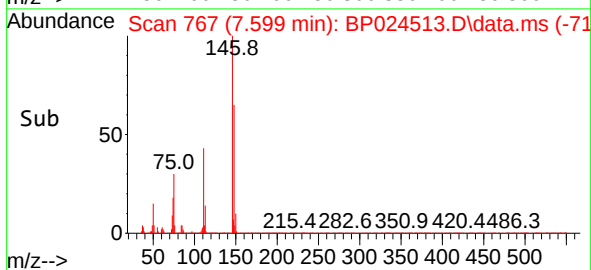
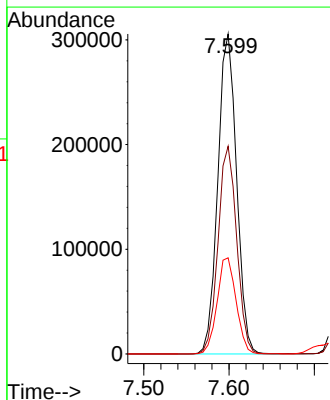
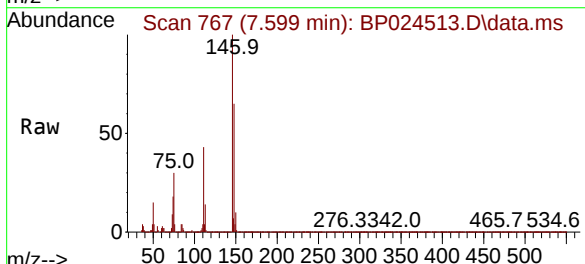
Instrument :
BNA_P
ClientSampleId :
MH-QMS

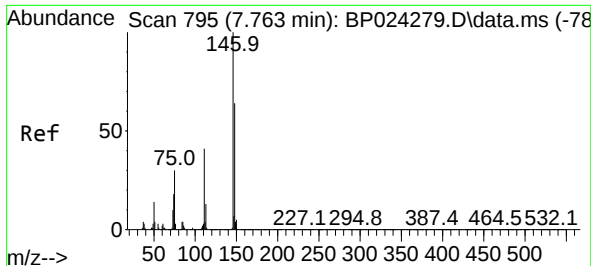
Tgt Ion: 93 Resp: 383205
Ion Ratio Lower Upper
93 100
63 70.2 48.6 88.6
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.271 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 146 Resp: 467069
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
75 30.1 22.9 34.3

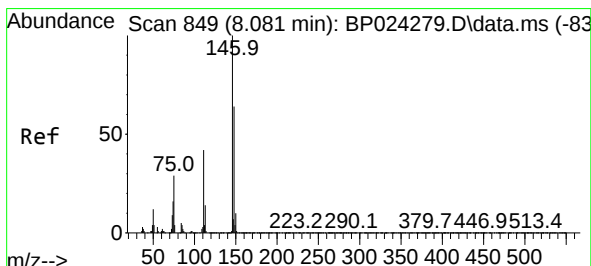
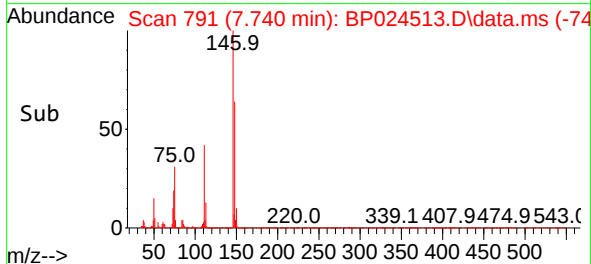
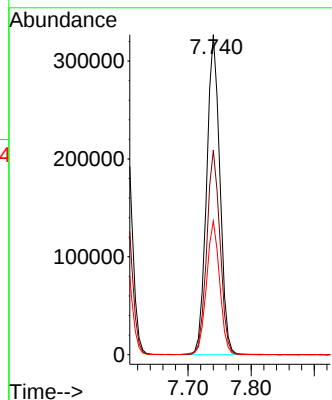
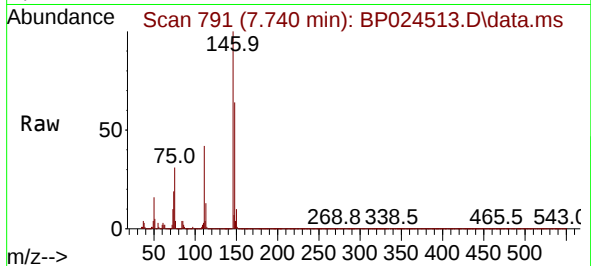




#13
1,4-Dichlorobenzene
Concen: 45.371 ng
RT: 7.740 min Scan# 795
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

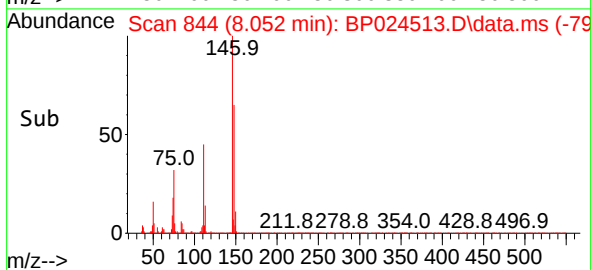
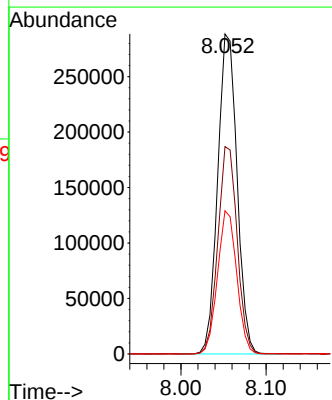
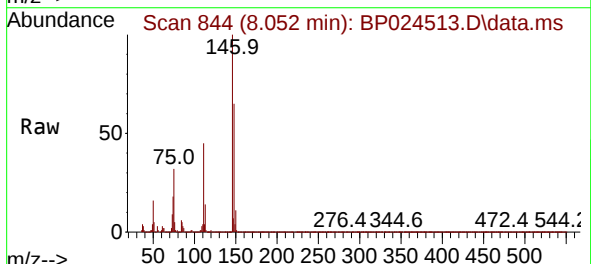
Instrument :
BNA_P
ClientSampleId :
MH-QMS

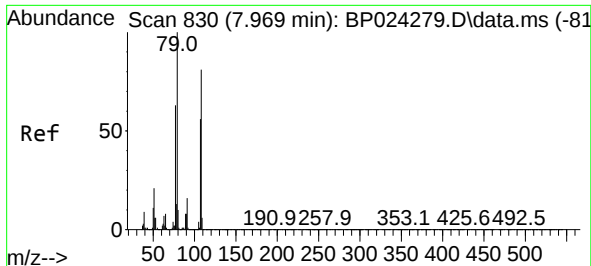
Tgt Ion:146 Resp: 474945
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 41.8 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 45.049 ng
RT: 8.052 min Scan# 844
Delta R.T. -0.023 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:146 Resp: 455362
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
111 44.7 33.8 50.8

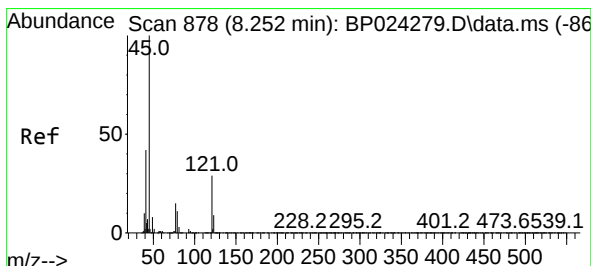
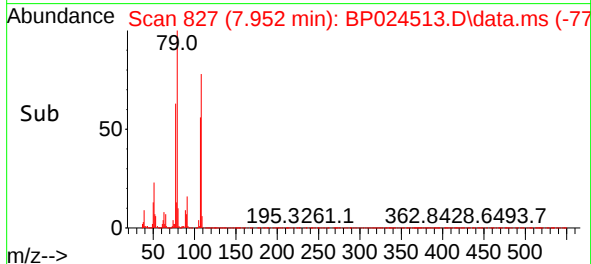
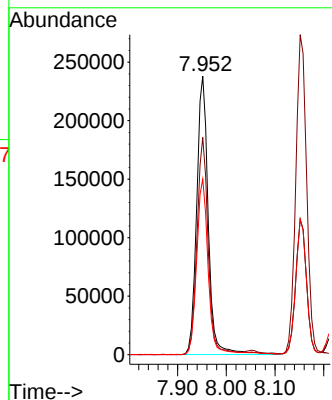
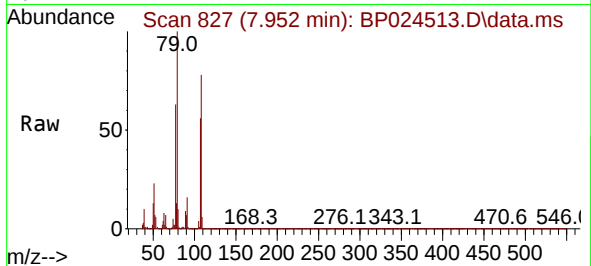




#15
Benzyl Alcohol
Concen: 52.050 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

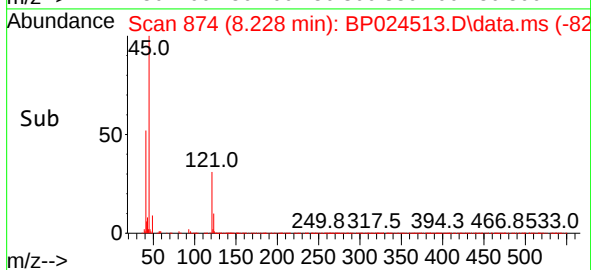
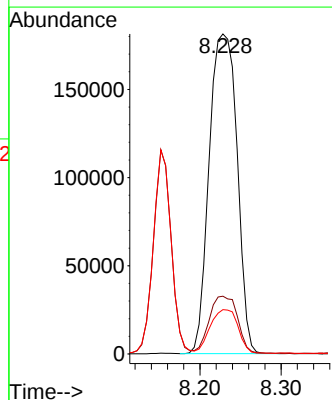
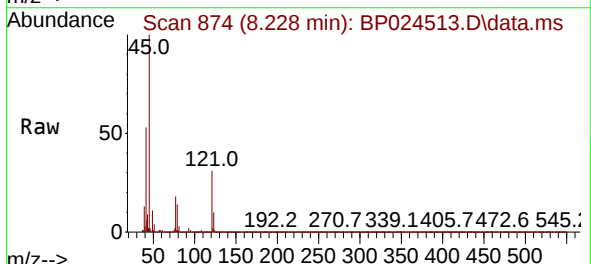
Instrument :
BNA_P
ClientSampleId :
MH-QMS

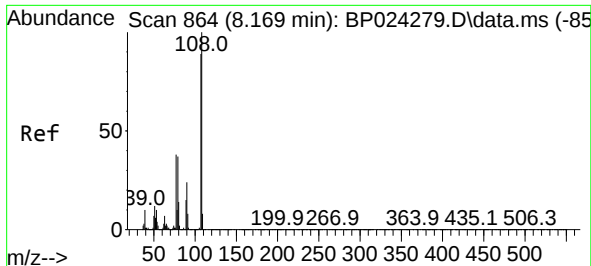
Tgt Ion: 79 Resp: 395619
Ion Ratio Lower Upper
79 100
108 78.0 65.1 97.7
77 63.1 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.203 ng
RT: 8.228 min Scan# 874
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 45 Resp: 433342
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.7
79 13.8 0.0 33.5

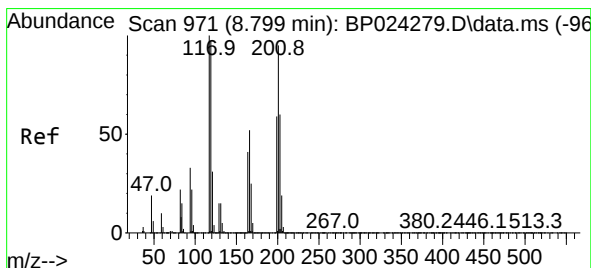
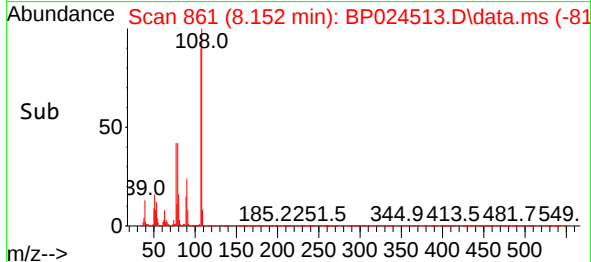
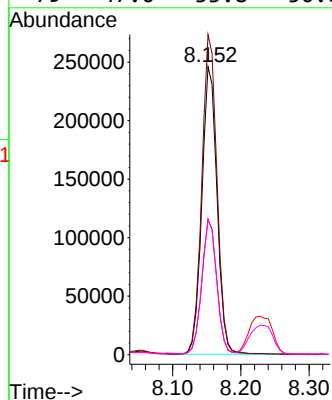
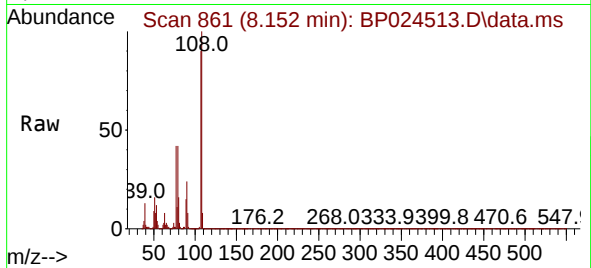




#17
2-Methylphenol
Concen: 49.736 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

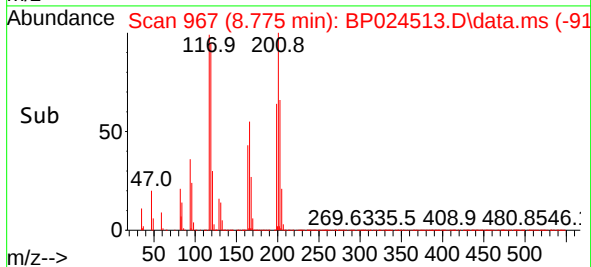
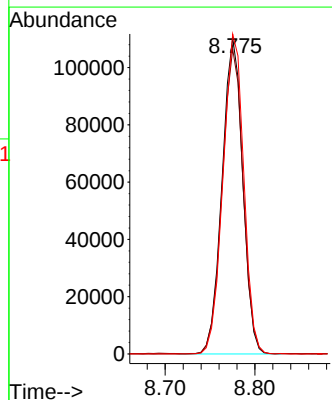
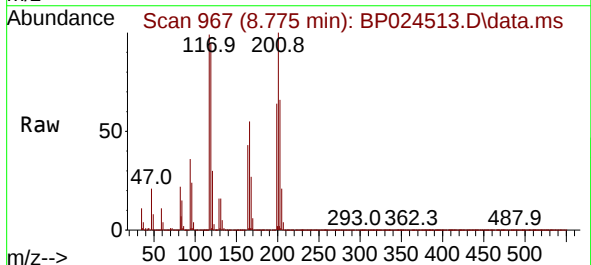
Instrument :
BNA_P
ClientSampleId :
MH-QMS

Tgt Ion:107 Resp: 379342
Ion Ratio Lower Upper
107 100
108 111.1 89.8 134.6
77 47.0 34.2 51.4
79 47.0 33.8 50.8



#18
Hexachloroethane
Concen: 46.586 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:117 Resp: 176238
Ion Ratio Lower Upper
117 100
119 96.4 77.8 116.6
201 101.2 75.9 113.9

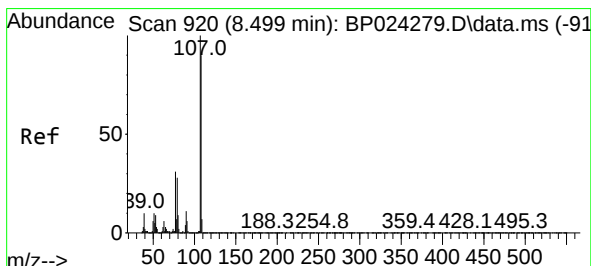
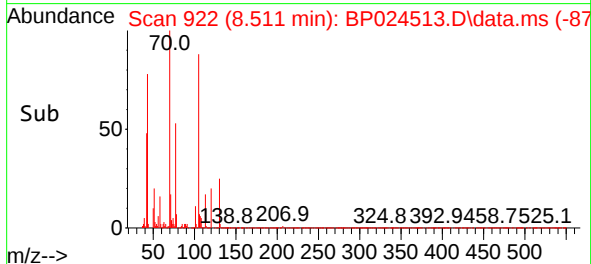
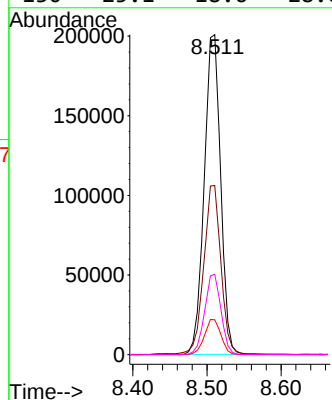
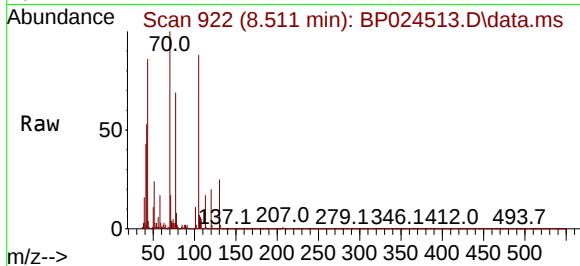




#19
n-Nitroso-di-n-propylamine
Concen: 42.544 ng
RT: 8.511 min Scan# 916
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

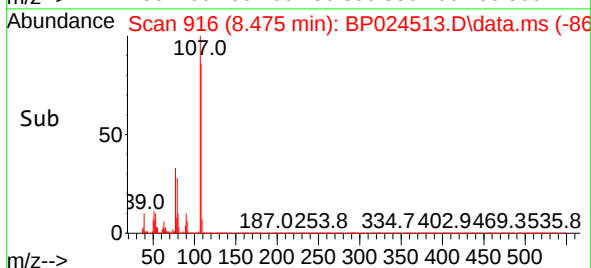
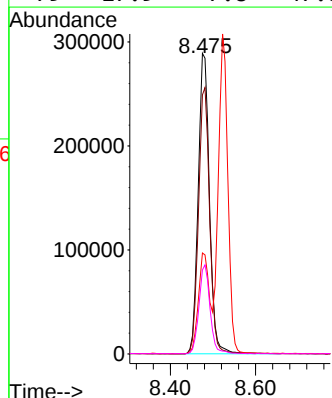
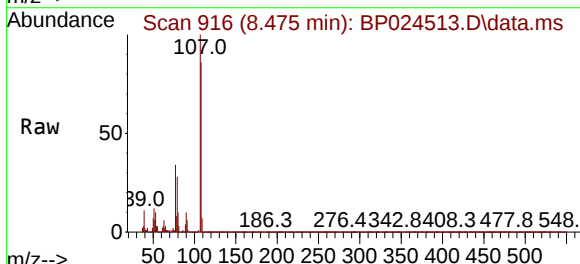
Instrument :
BNA_P
ClientSampleId :
MH-QMS

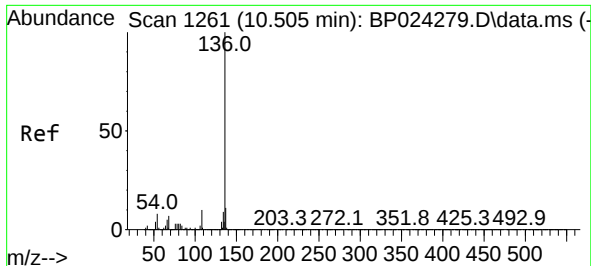
Tgt Ion: 70 Resp: 309347
Ion Ratio Lower Upper
70 100
42 52.8 37.3 55.9
101 10.9 8.2 12.4
130 25.1 18.6 28.0



#20
3+4-Methylphenols
Concen: 50.148 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 107 Resp: 530716
Ion Ratio Lower Upper
107 100
108 86.2 69.8 109.8
77 33.6 11.5 51.5
79 27.9 7.8 47.8

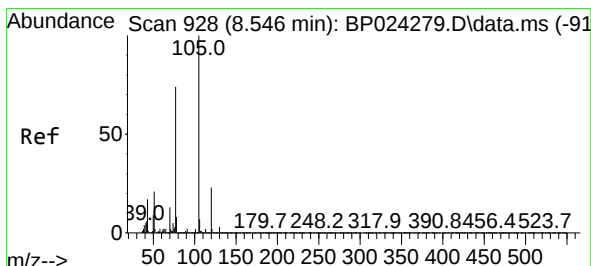
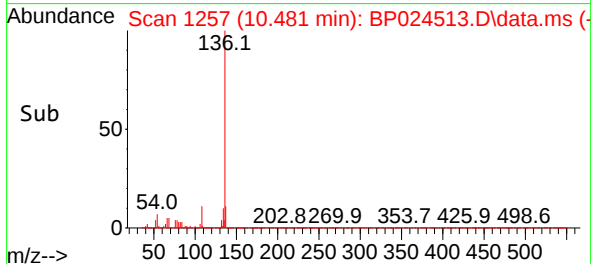
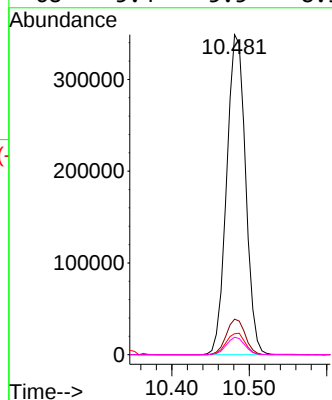
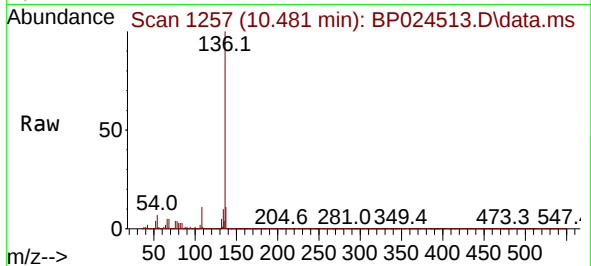




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

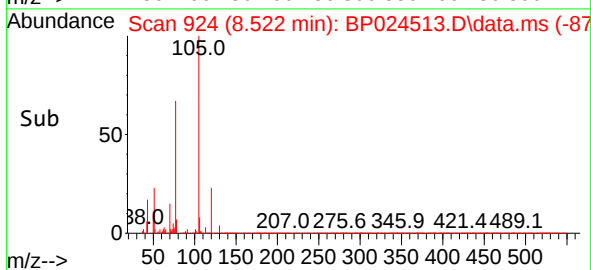
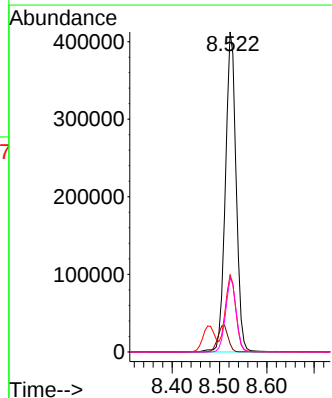
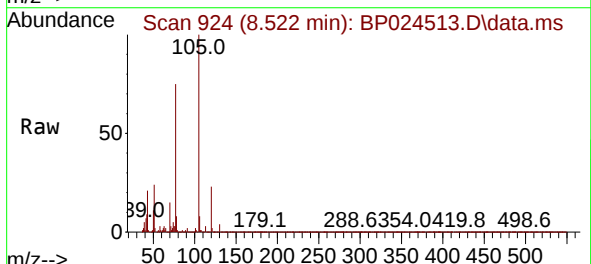
Instrument :
BNA_P
ClientSampleId :
MH-QMS

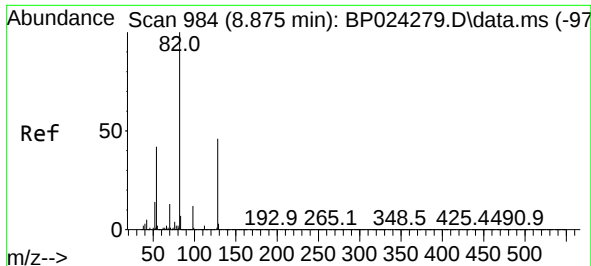
Tgt Ion:	136	Resp:	591453
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.6	6.0	9.0
68	5.4	5.5	8.3



#22
Acetophenone
Concen: 44.255 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:	105	Resp:	647840
Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.7	2.5
51	24.1	16.9	25.3
120	23.1	18.6	28.0

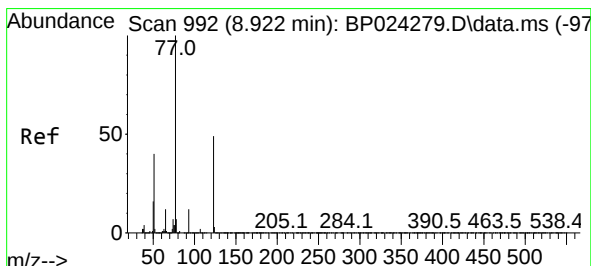
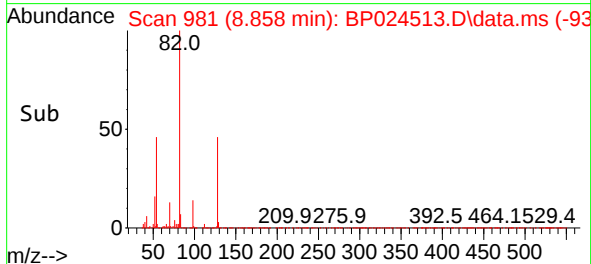
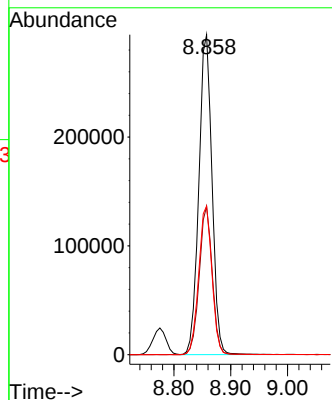
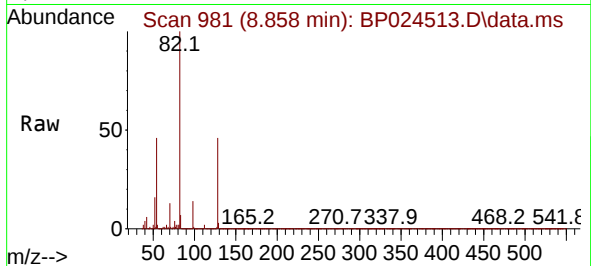




#23
Nitrobenzene-d5
Concen: 45.675 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

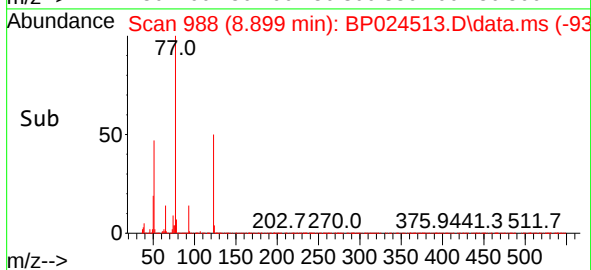
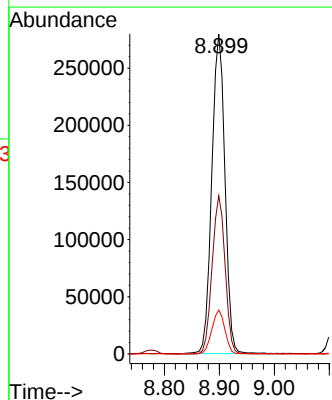
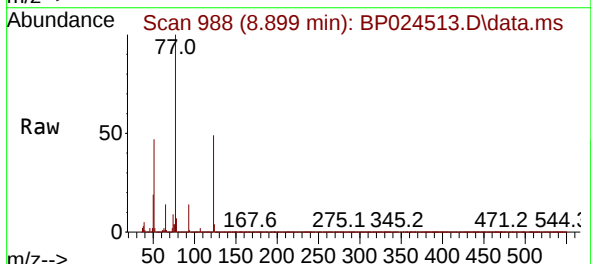
Instrument :
BNA_P
ClientSampleId :
MH-QMS

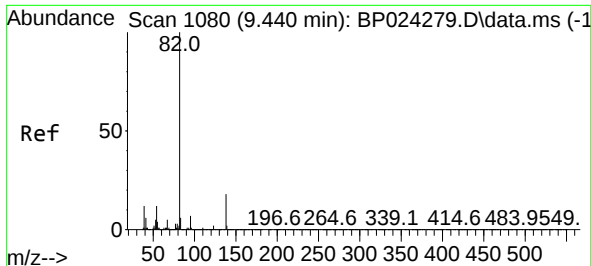
Tgt Ion: 82 Resp: 473762
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 46.4 33.4 50.2



#24
Nitrobenzene
Concen: 45.302 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 77 Resp: 464851
Ion Ratio Lower Upper
77 100
123 49.5 39.2 58.8
65 13.8 9.8 14.6

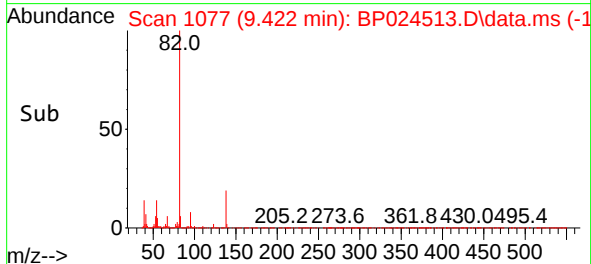
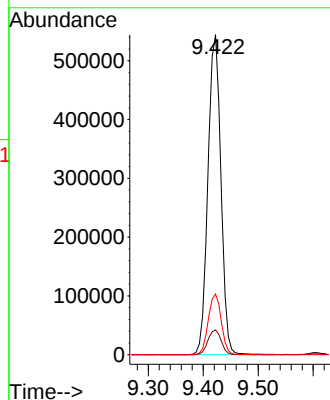
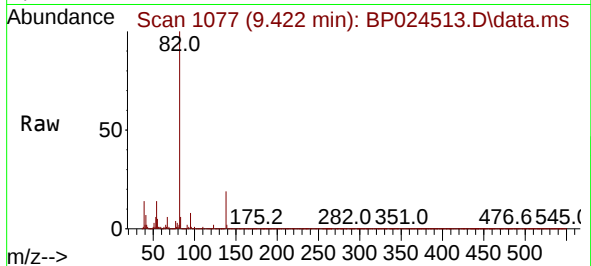




#25
Isophorone
Concen: 47.360 ng
RT: 9.422 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

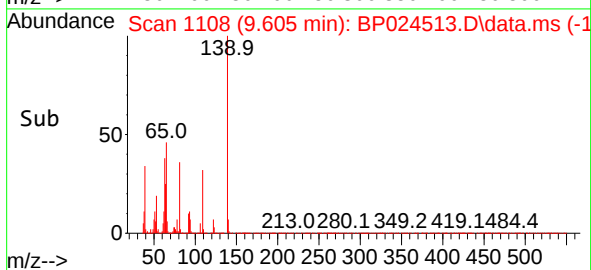
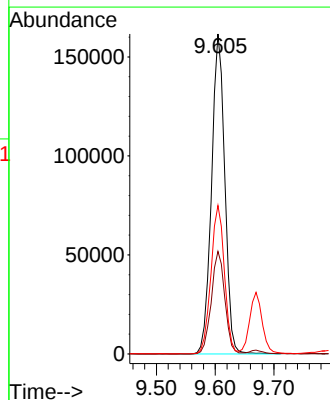
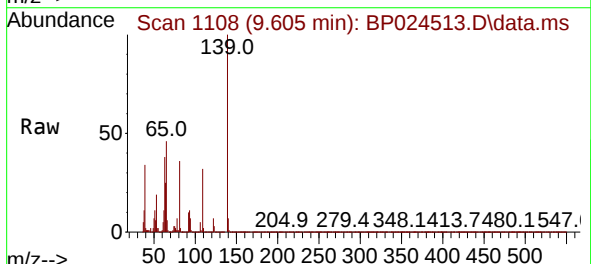
Instrument :
BNA_P
ClientSampleId :
MH-QMS

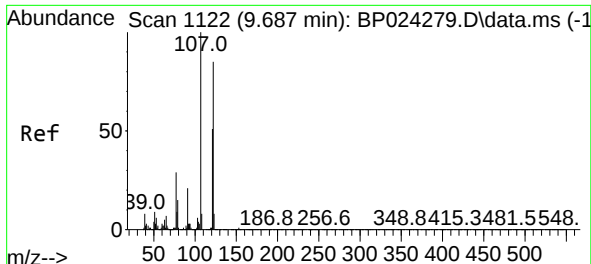
Tgt Ion: 82 Resp: 889184
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.2
138 19.0 14.4 21.6



#26
2-Nitrophenol
Concen: 50.595 ng
RT: 9.605 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 139 Resp: 254061
Ion Ratio Lower Upper
139 100
109 32.1 21.8 32.6
65 46.4 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 69.438 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

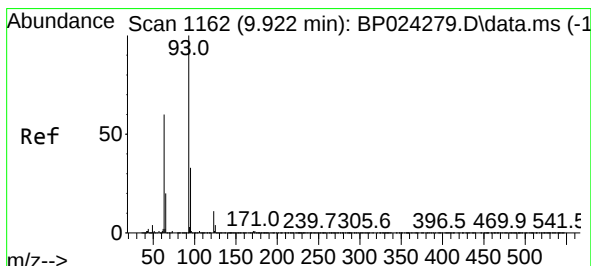
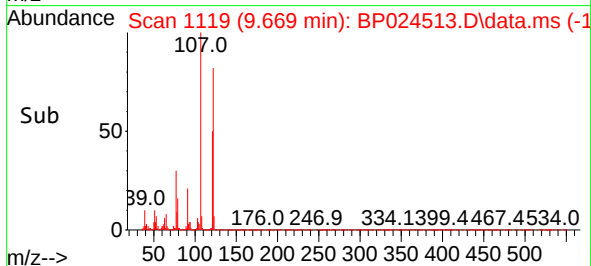
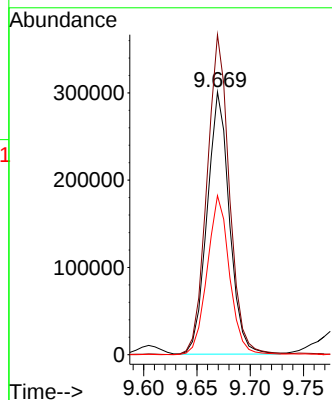
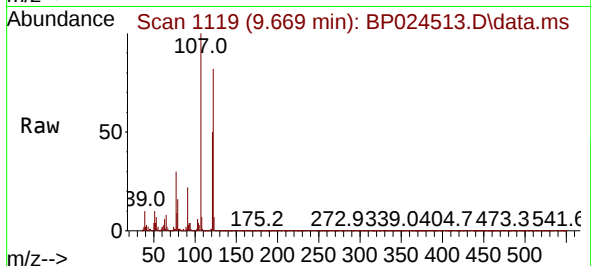
Tgt Ion:122 Resp: 437819

Ion Ratio Lower Upper

122 100

107 121.8 93.7 140.5

121 60.5 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.657 ng

RT: 9.893 min Scan# 1157

Delta R.T. -0.017 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

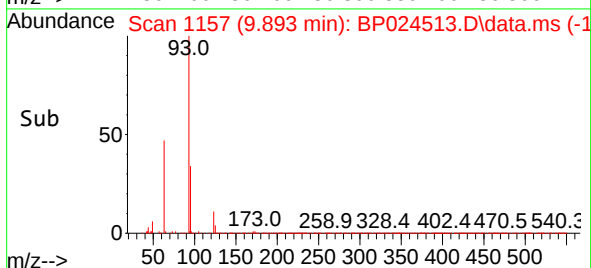
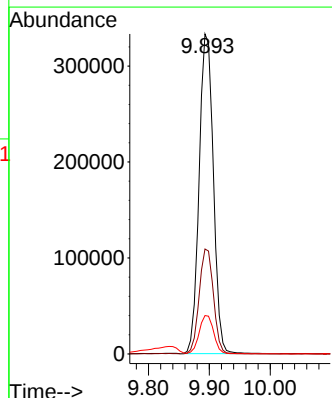
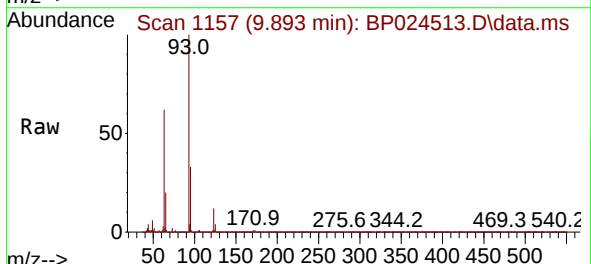
Tgt Ion: 93 Resp: 541025

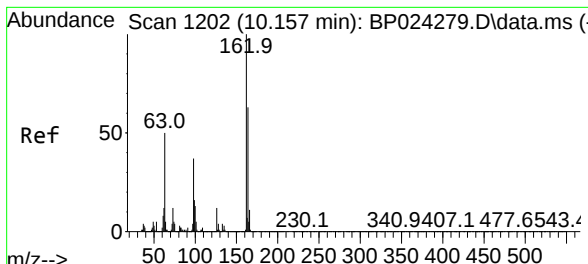
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 12.0 9.1 13.7

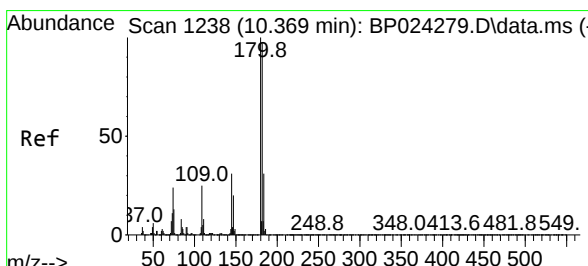
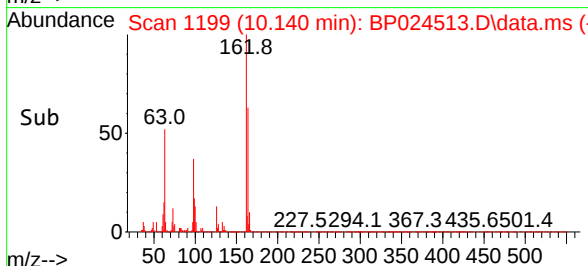
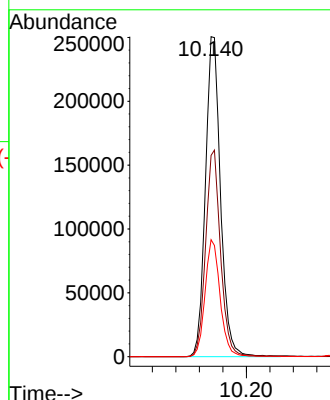
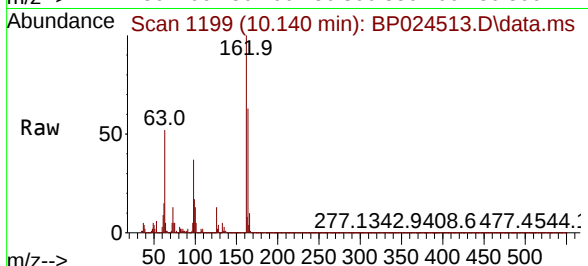




#29
2,4-Dichlorophenol
Concen: 52.160 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

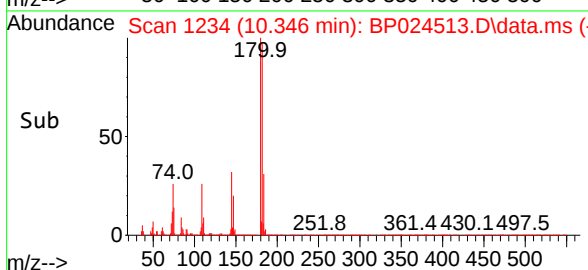
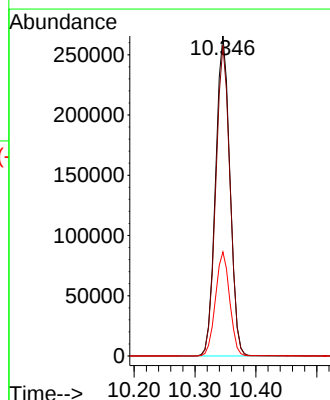
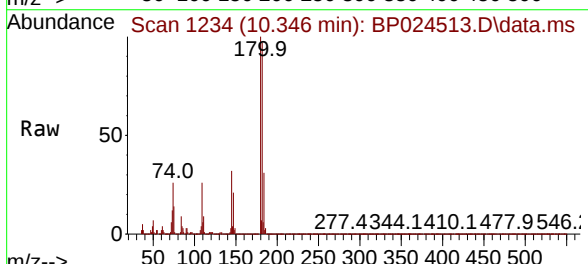
Instrument :
BNA_P
ClientSampleId :
MH-QMS

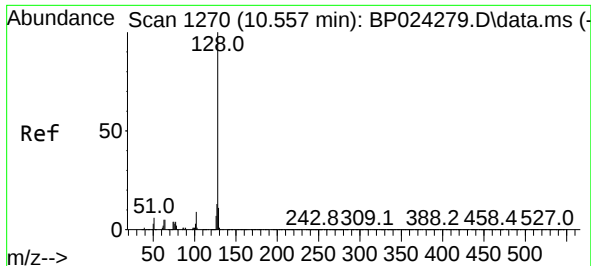
Tgt Ion:162 Resp: 448419
Ion Ratio Lower Upper
162 100
164 62.9 43.3 83.3
98 36.6 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 47.270 ng
RT: 10.346 min Scan# 1234
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:180 Resp: 435401
Ion Ratio Lower Upper
180 100
182 97.1 77.3 115.9
145 32.5 25.1 37.7

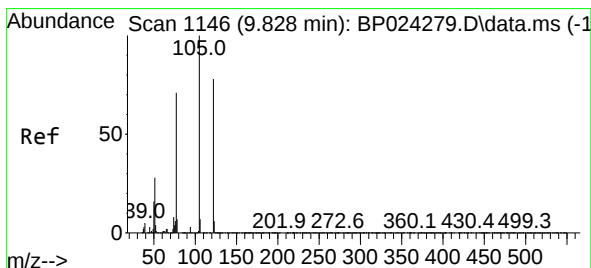
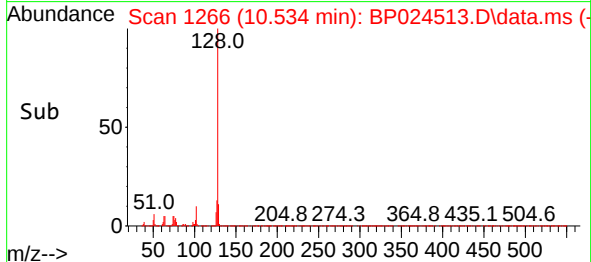
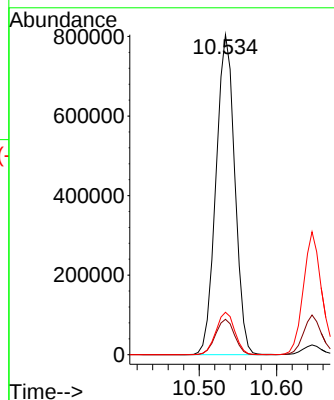
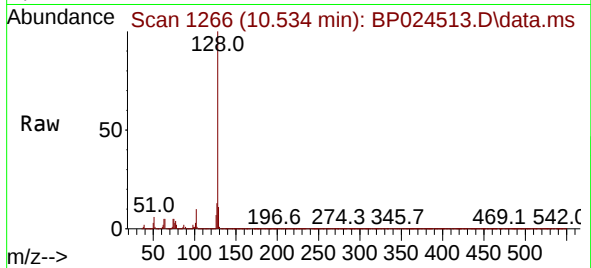




#31
Naphthalene
Concen: 43.507 ng
RT: 10.534 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

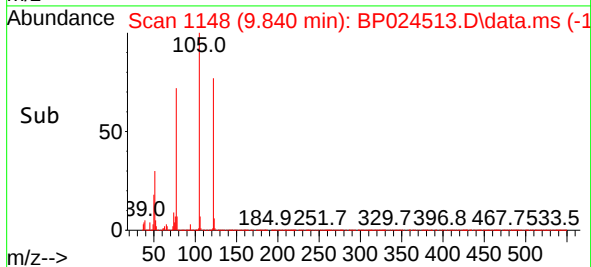
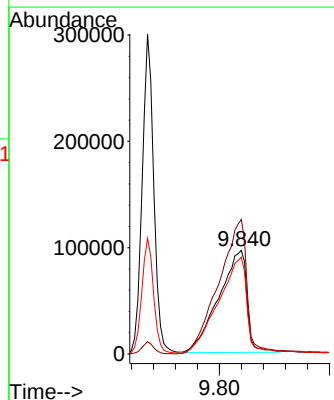
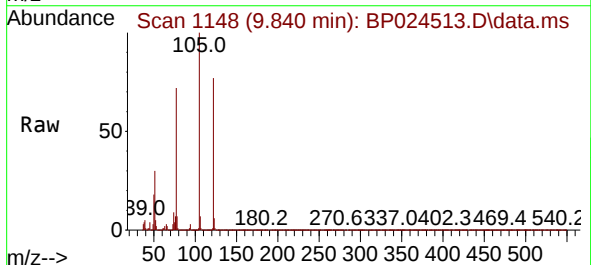
Instrument :
BNA_P
ClientSampleId :
MH-QMS

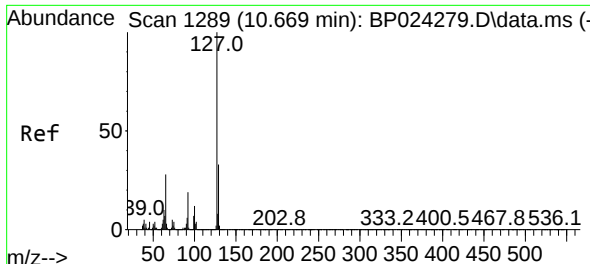
Tgt Ion:128 Resp: 1355486
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 46.580 ng
RT: 9.840 min Scan# 1148
Delta R.T. 0.018 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:122 Resp: 342220
Ion Ratio Lower Upper
122 100
105 129.9 104.8 144.8
77 93.5 69.2 109.2

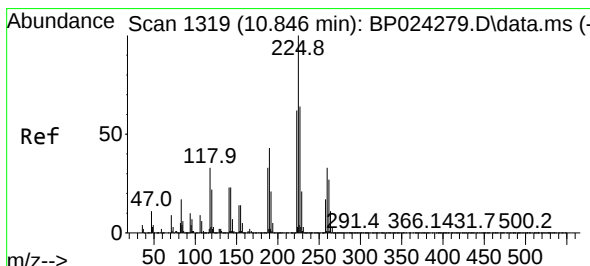
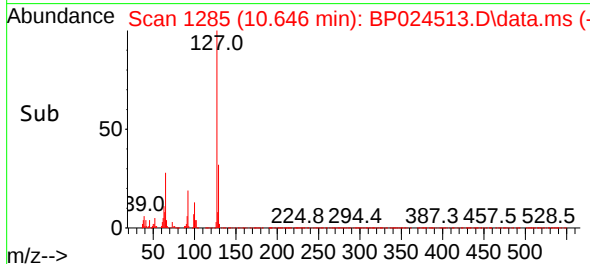
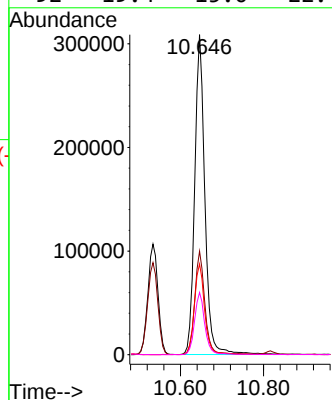
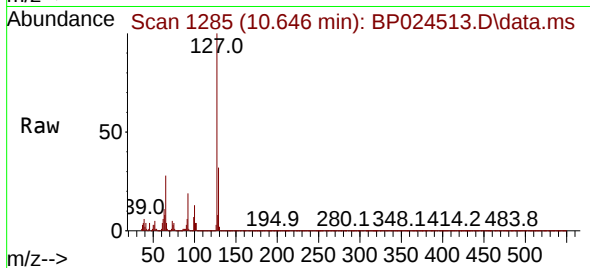




#33
4-Chloroaniline
Concen: 47.863 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

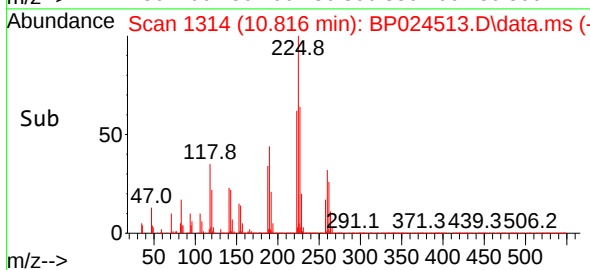
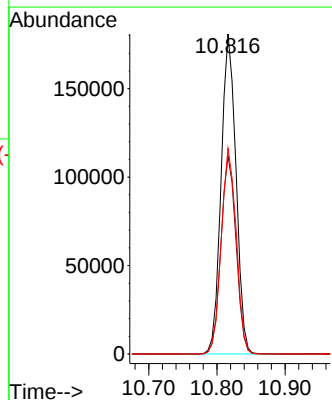
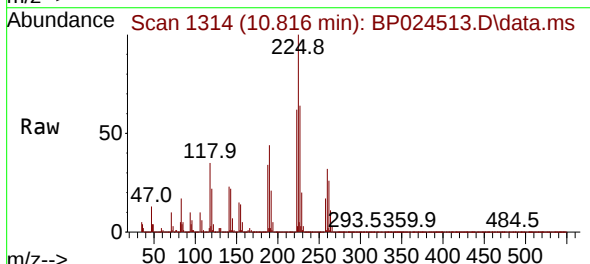
Instrument :
BNA_P
ClientSampleId :
MH-QMS

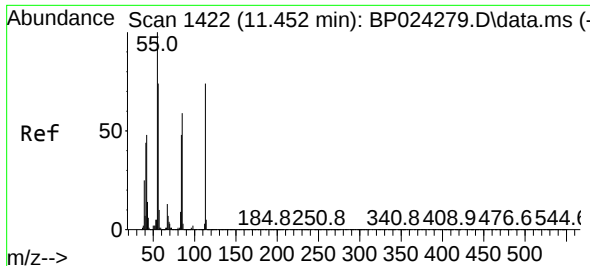
Tgt Ion:	127	Resp:	525143
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	28.3	22.1	33.1
92	19.4	15.0	22.4



#34
Hexachlorobutadiene
Concen: 50.694 ng
RT: 10.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:	225	Resp:	274391
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.5	74.3
227	64.3	50.9	76.3

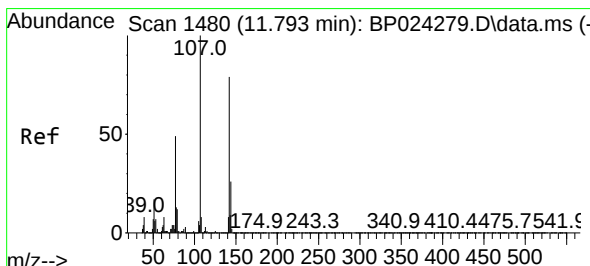
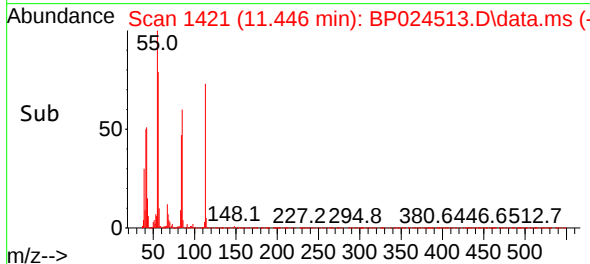
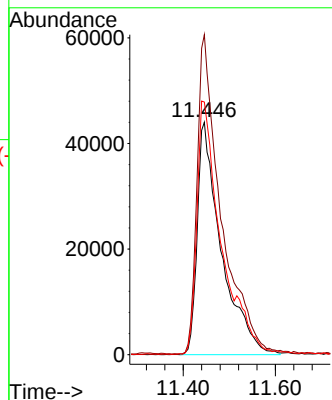
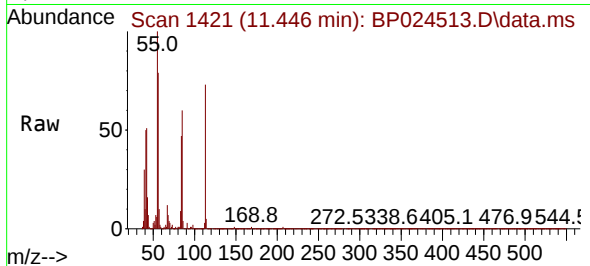




#35
Caprolactam
Concen: 50.122 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

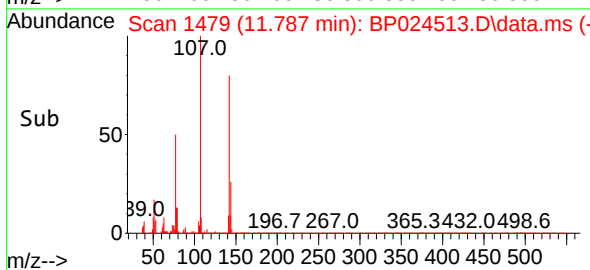
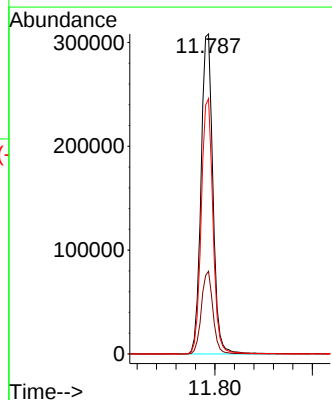
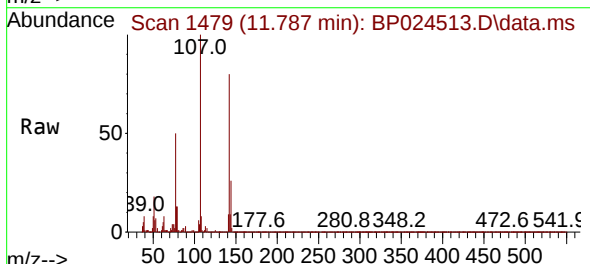
Instrument :
BNA_P
ClientSampleId :
MH-QMS

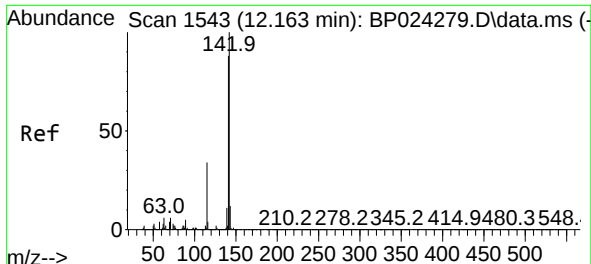
Tgt Ion:113 Resp: 158995
Ion Ratio Lower Upper
113 100
55 137.6 115.9 155.9
56 108.6 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 52.016 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:107 Resp: 520868
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 79.8 63.4 95.2

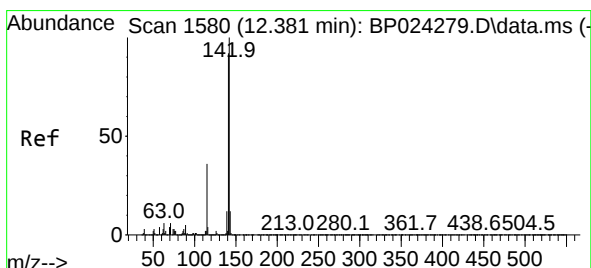
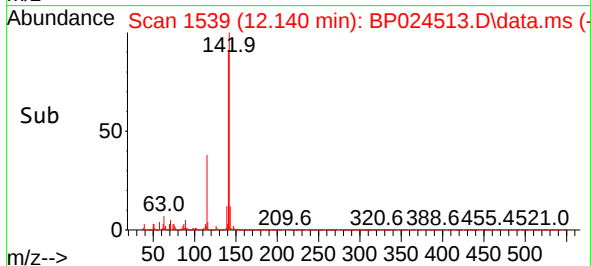
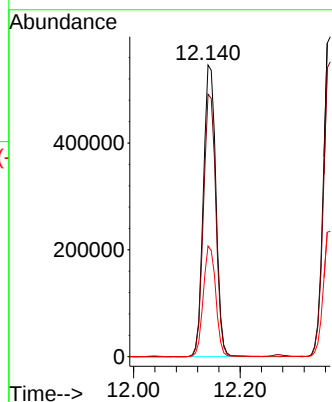
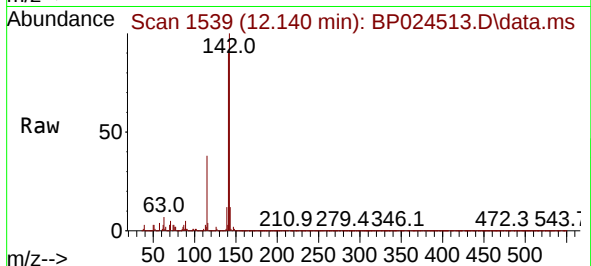




#37
2-Methylnaphthalene
Concen: 41.283 ng
RT: 12.140 min Scan# 1539
Delta R.T. -0.017 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

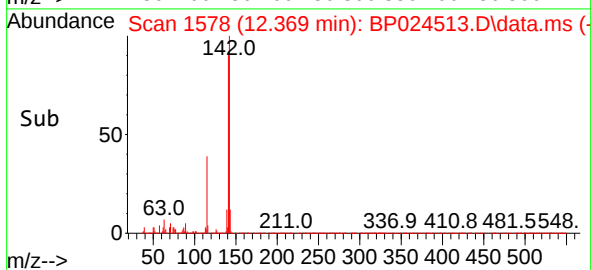
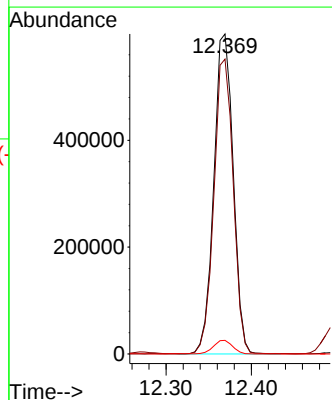
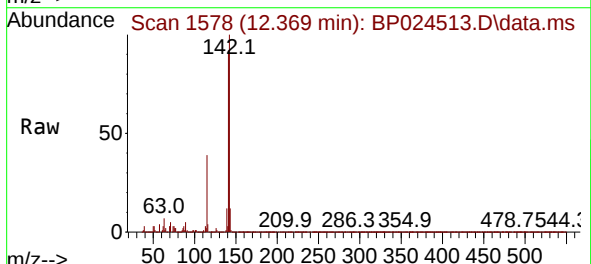
Instrument :
BNA_P
ClientSampleId :
MH-QMS

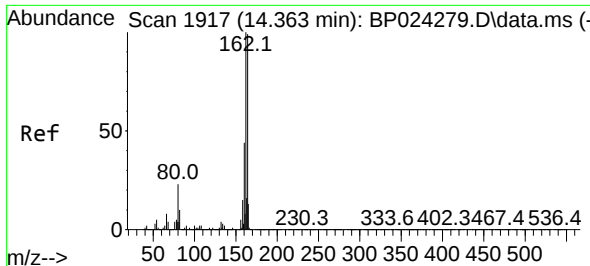
Tgt Ion:142 Resp: 892005
Ion Ratio Lower Upper
142 100
141 90.0 70.3 105.5
115 38.0 26.9 40.3



#38
1-Methylnaphthalene
Concen: 44.743 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:142 Resp: 945752
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4
116 4.3 3.0 4.6

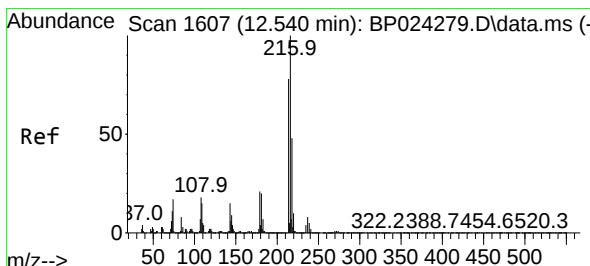
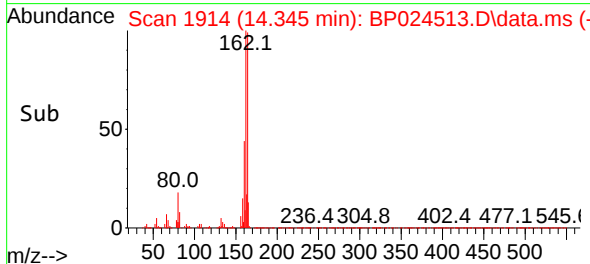
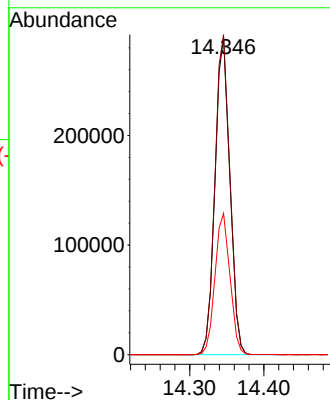
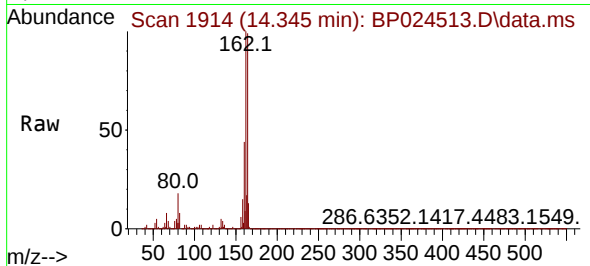




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

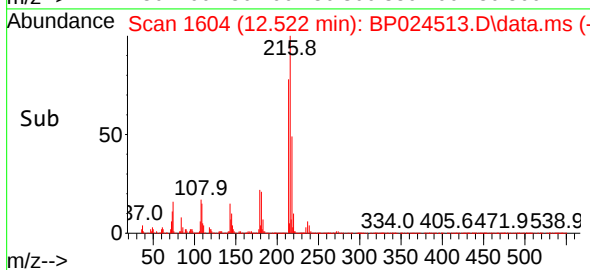
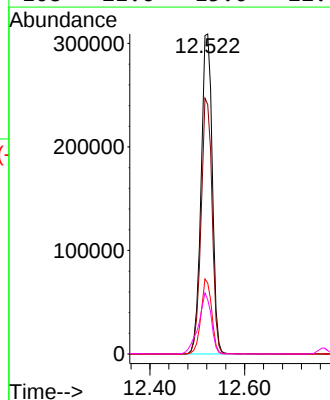
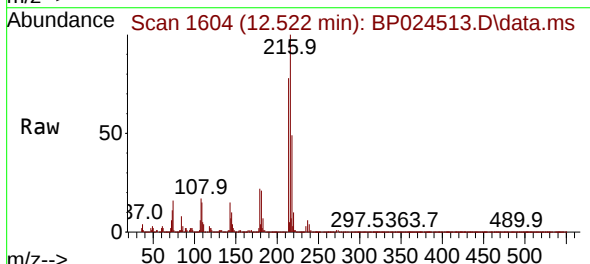
Instrument :
BNA_P
ClientSampleId :
MH-QMS

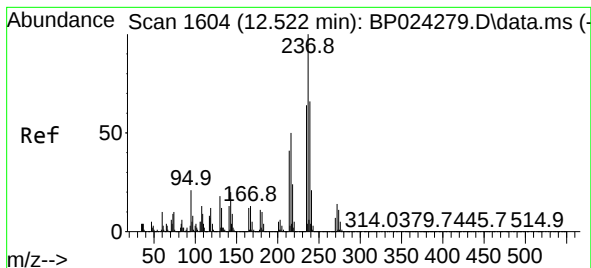
Tgt Ion:164 Resp: 402119
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.741 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:216 Resp: 505825
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 22.3 17.2 25.8
108 21.6 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 171.801 ng

RT: 12.499 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

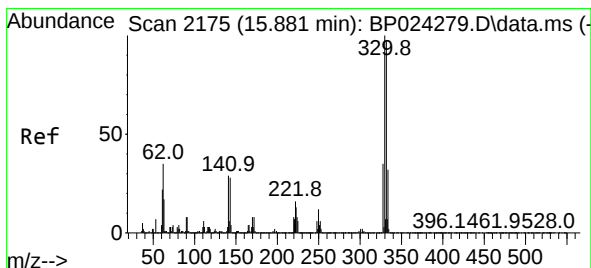
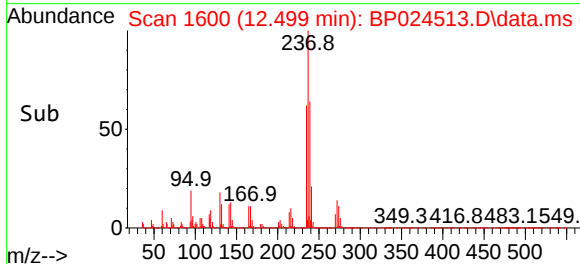
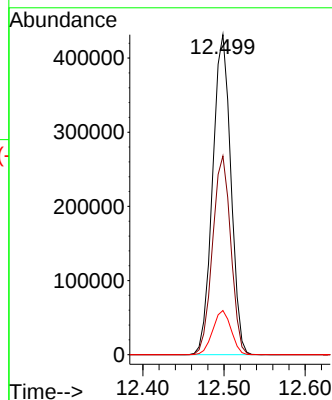
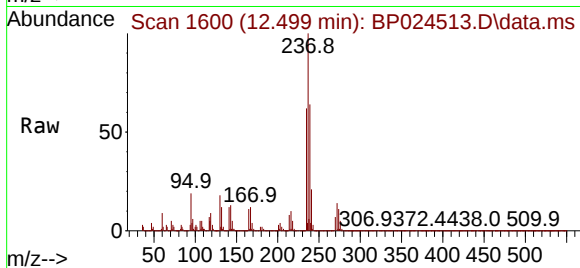
Tgt Ion:237 Resp: 671919

Ion Ratio Lower Upper

237 100

235 62.1 43.9 83.9

272 13.8 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 89.631 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

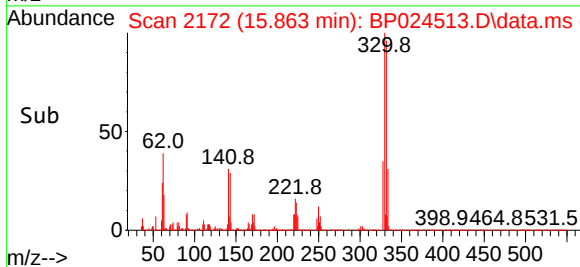
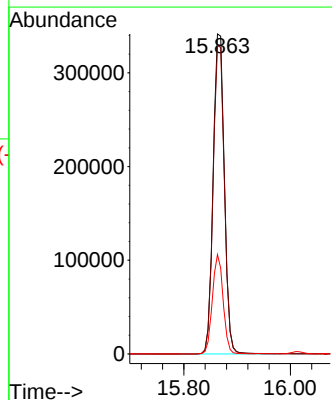
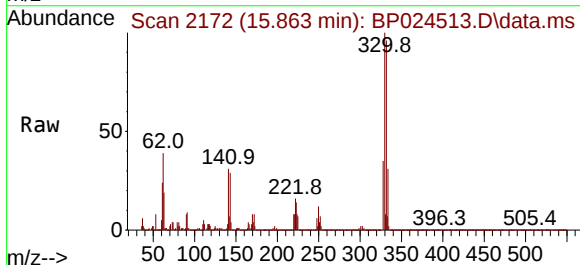
Tgt Ion:330 Resp: 498666

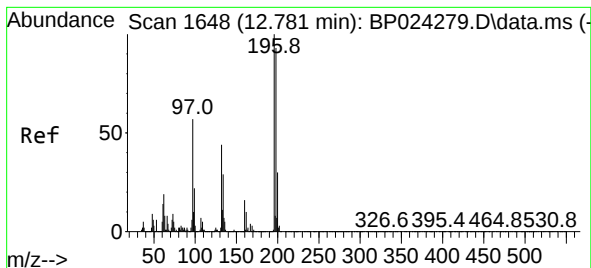
Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 29.8 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 51.356 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

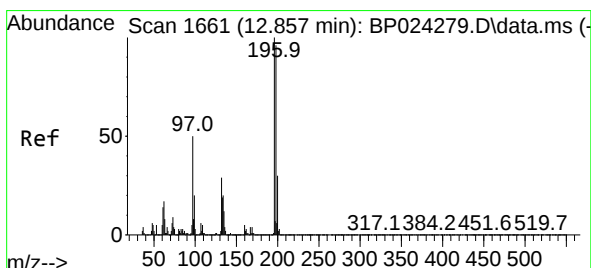
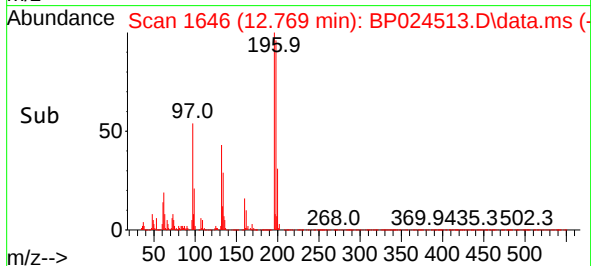
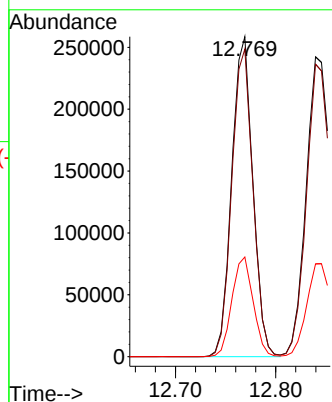
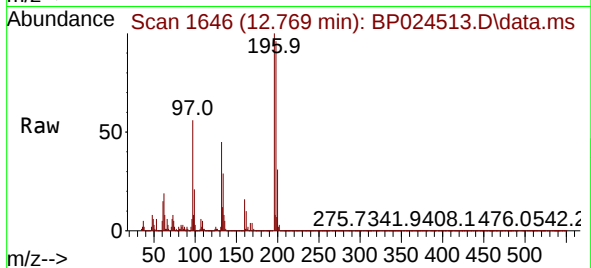
Tgt Ion:196 Resp: 377580

Ion Ratio Lower Upper

196 100

198 96.1 74.3 111.5

200 31.1 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 51.623 ng

RT: 12.840 min Scan# 1658

Delta R.T. -0.017 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Tgt Ion:196 Resp: 420290

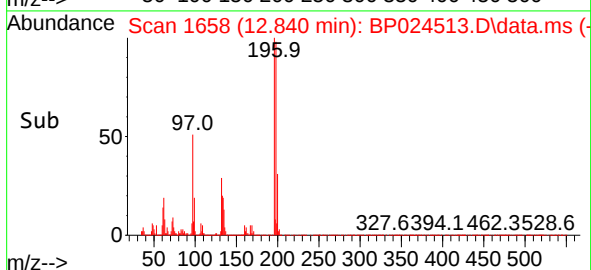
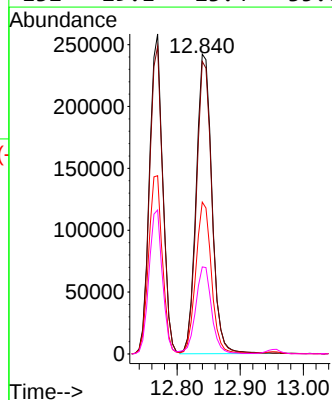
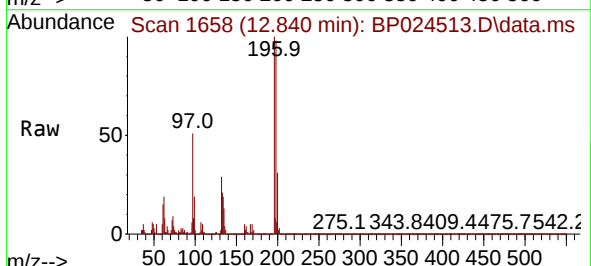
Ion Ratio Lower Upper

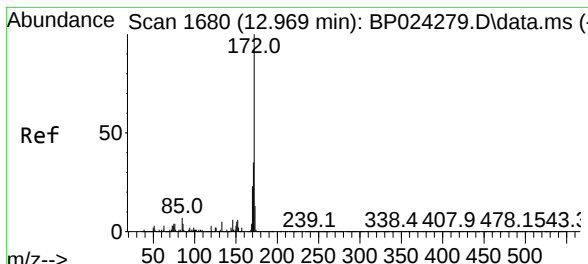
196 100

198 97.5 77.3 115.9

97 50.6 40.4 60.6

132 29.1 23.4 35.0



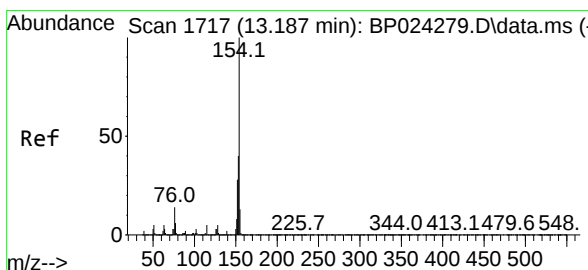
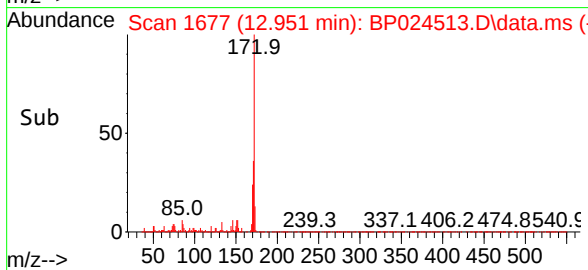
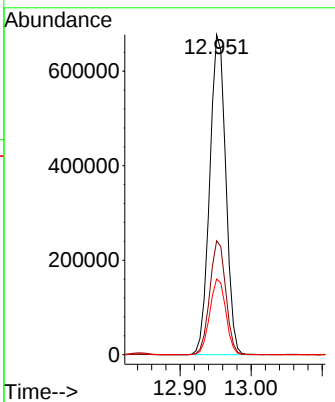
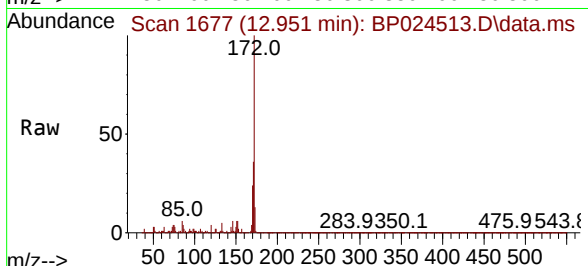


#45
2-Fluorobiphenyl
Concen: 40.345 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Instrument :
BNA_P
ClientSampleId :
MH-QMS

Tgt Ion:172 Resp: 1059592

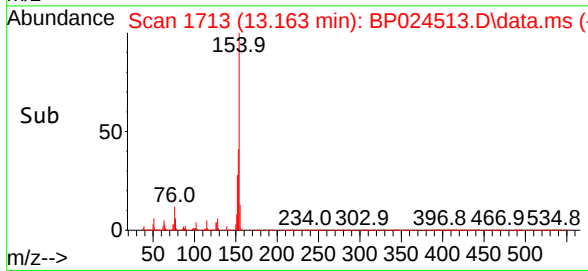
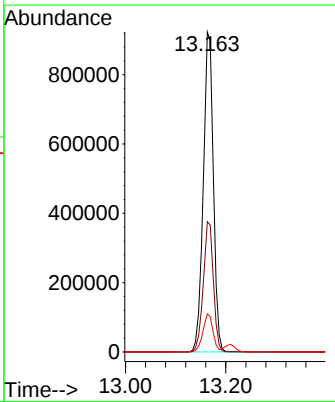
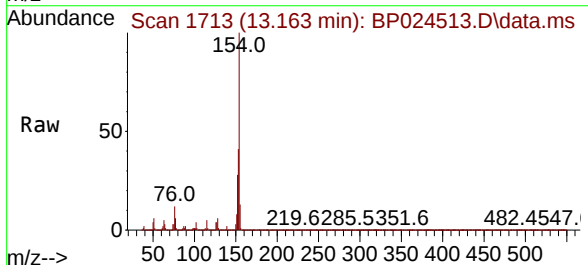
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.6	18.6	27.8

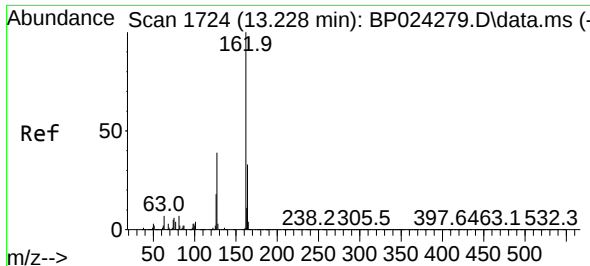


#46
1,1'-Biphenyl
Concen: 43.657 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:154 Resp: 1290410

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	11.9	0.0	33.5

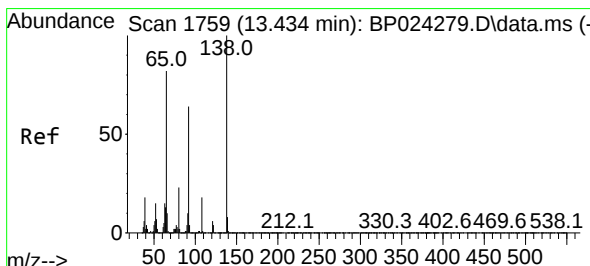
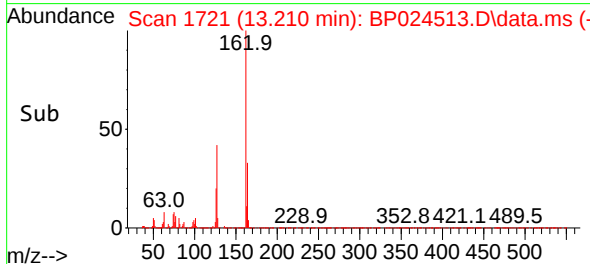
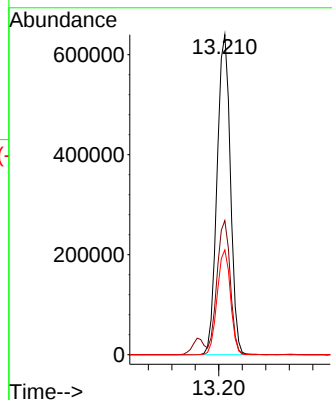
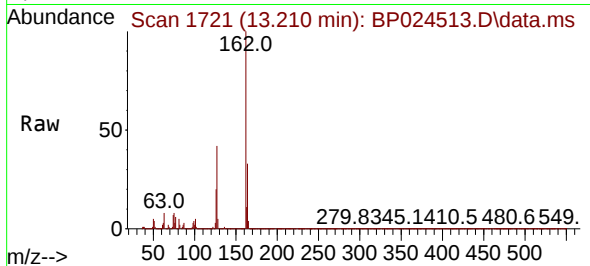




#47
2-Chloronaphthalene
Concen: 45.510 ng
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

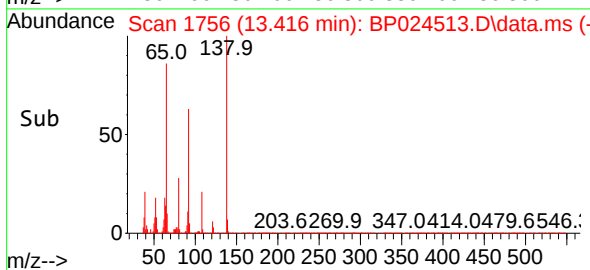
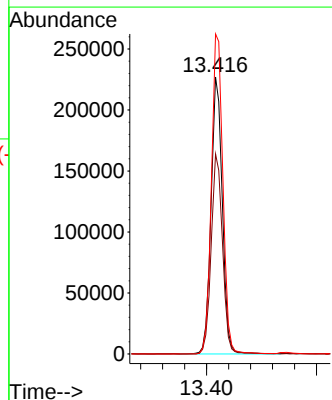
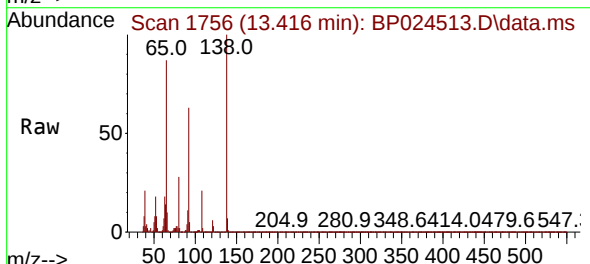
Instrument :
BNA_P
ClientSampleId :
MH-QMS

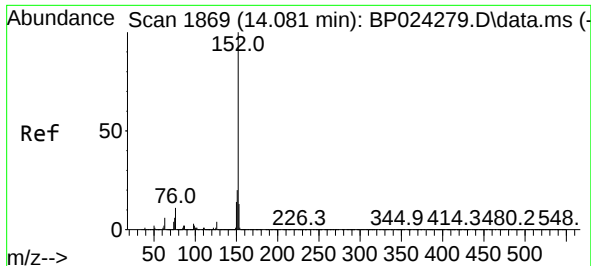
Tgt Ion:162 Resp: 1005357
Ion Ratio Lower Upper
162 100
127 41.9 31.9 47.9
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 51.976 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 65 Resp: 322077
Ion Ratio Lower Upper
65 100
92 72.3 62.3 93.5
138 115.6 97.2 145.8

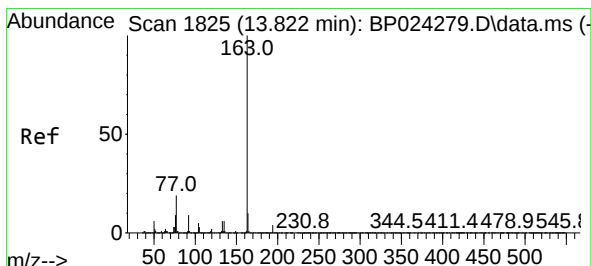
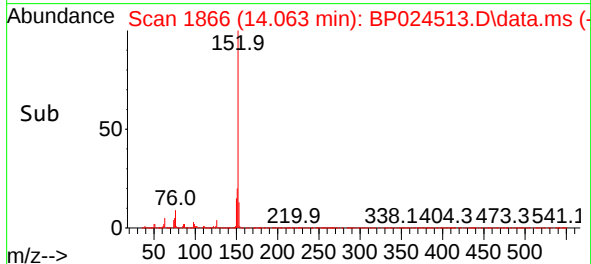
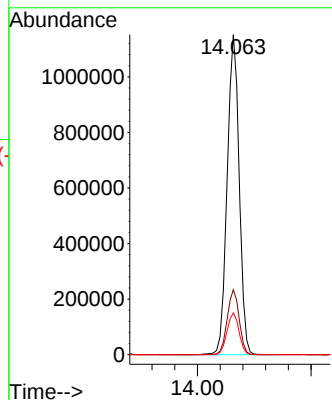
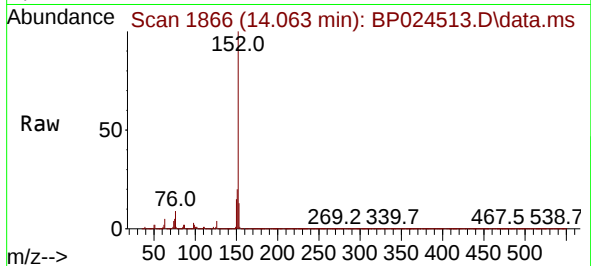




#49
Acenaphthylene
Concen: 48.768 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

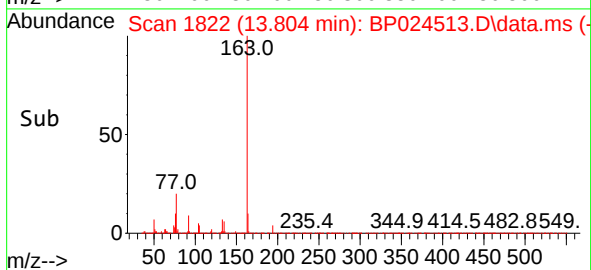
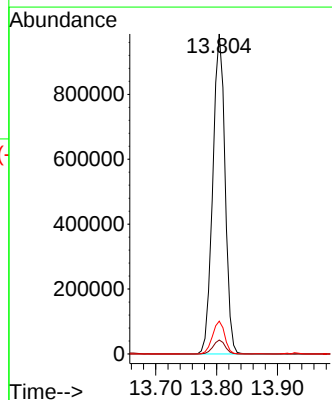
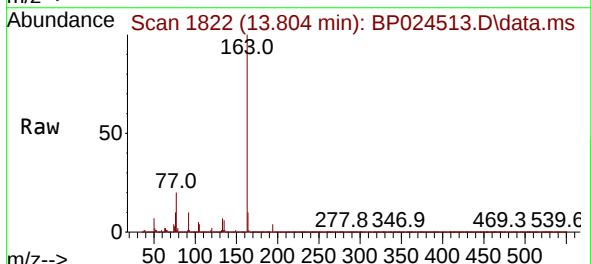
Instrument :
BNA_P
ClientSampleId :
MH-QMS

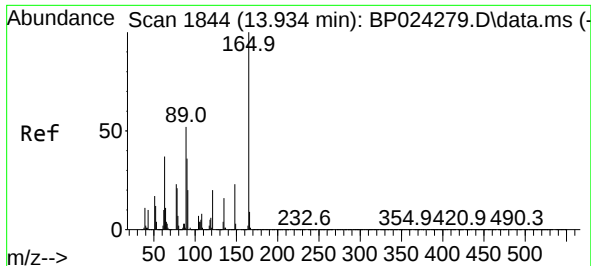
Tgt Ion:152 Resp: 1696181
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 47.153 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:163 Resp: 1378891
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.3 8.0 12.0

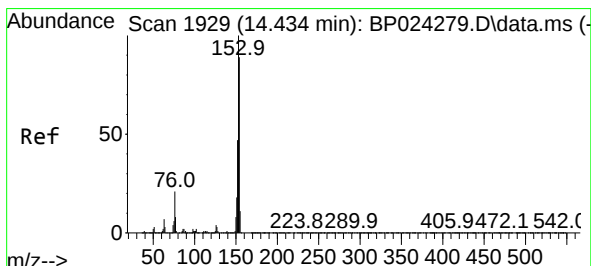
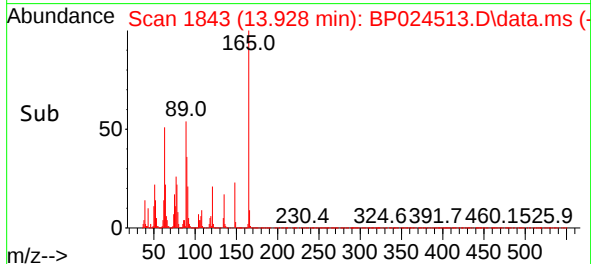
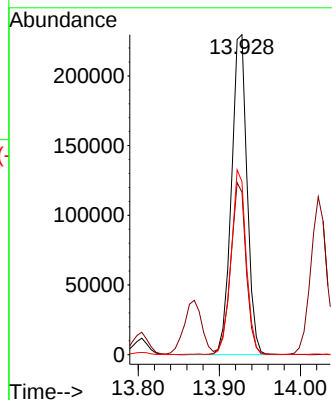
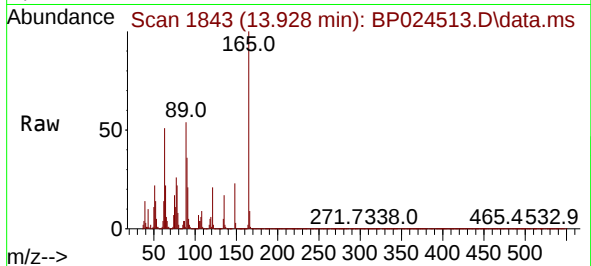




#51
2,6-Dinitrotoluene
Concen: 49.328 ng
RT: 13.928 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

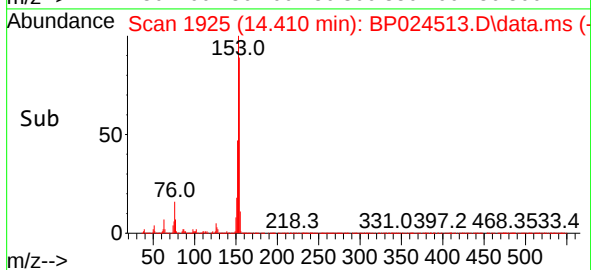
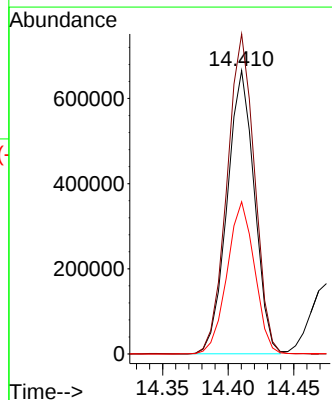
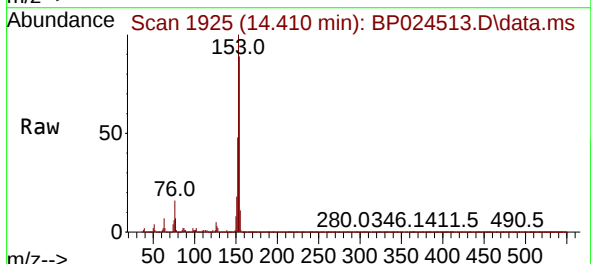
Instrument :
BNA_P
ClientSampleId :
MH-QMS

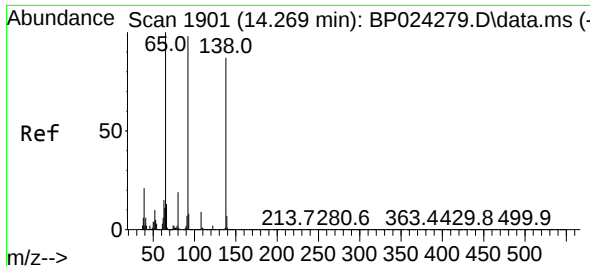
Tgt Ion:165 Resp: 306312
Ion Ratio Lower Upper
165 100
63 50.8 38.0 57.0
89 54.1 41.7 62.5



#52
Acenaphthene
Concen: 43.747 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:154 Resp: 964620
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.6
152 53.7 42.6 63.8

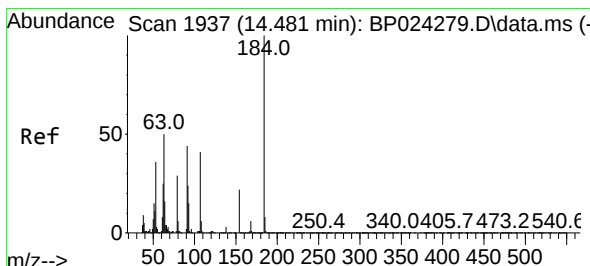
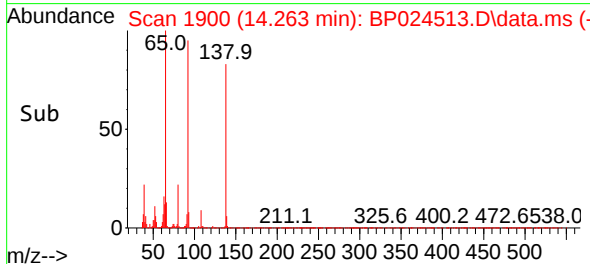
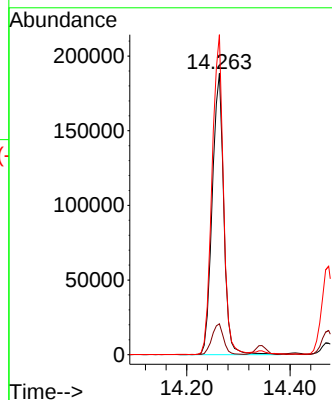
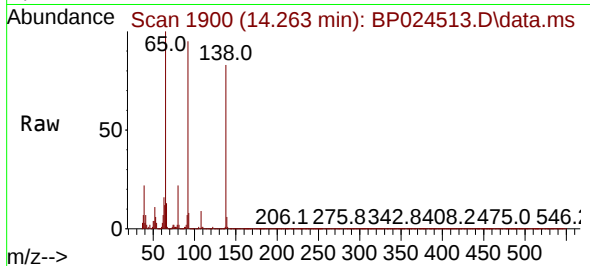




#53
3-Nitroaniline
Concen: 44.632 ng
RT: 14.263 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

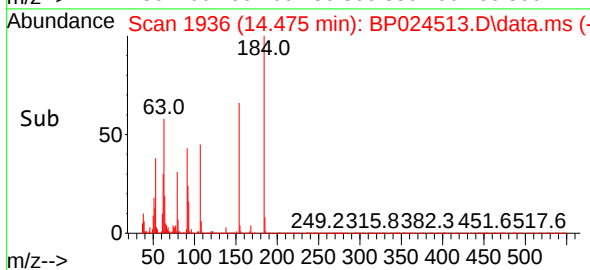
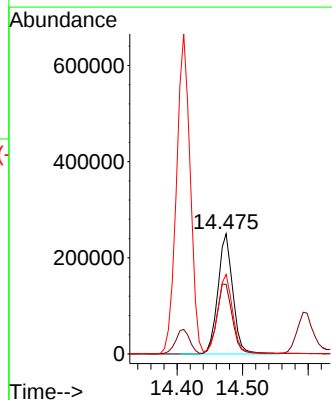
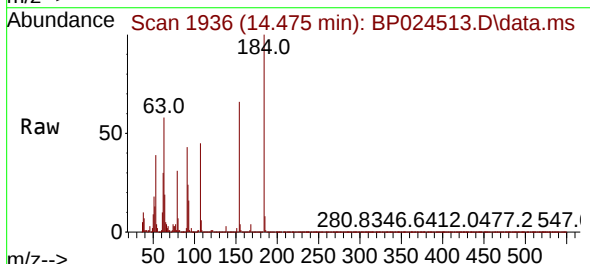
Instrument :
BNA_P
ClientSampleId :
MH-QMS

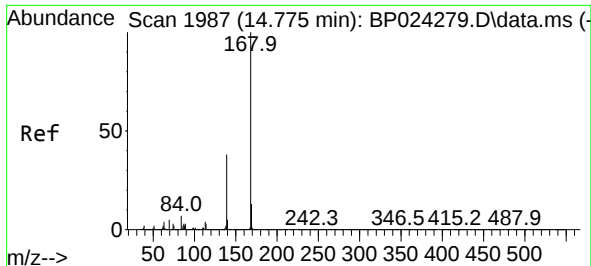
Tgt Ion:138 Resp: 291286
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 113.8 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 107.482 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:184 Resp: 393144
Ion Ratio Lower Upper
184 100
63 58.0 42.6 64.0
154 66.2 47.2 70.8

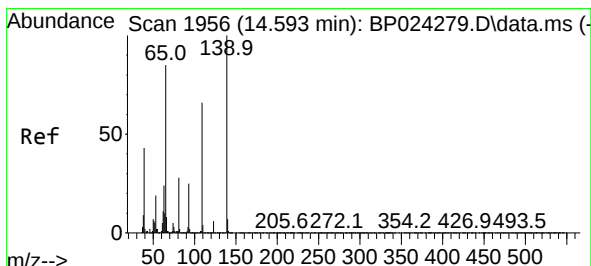
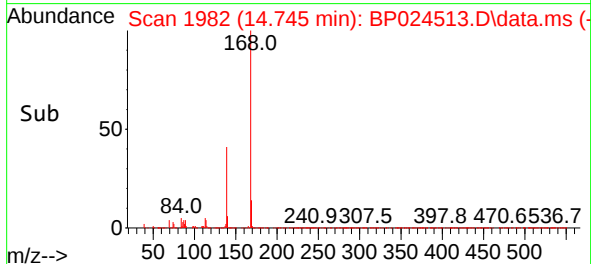
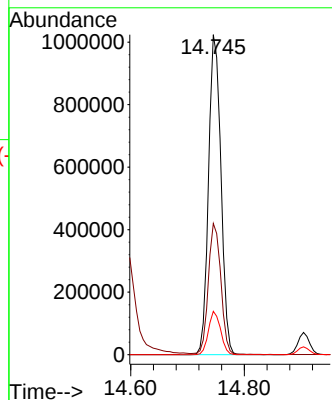
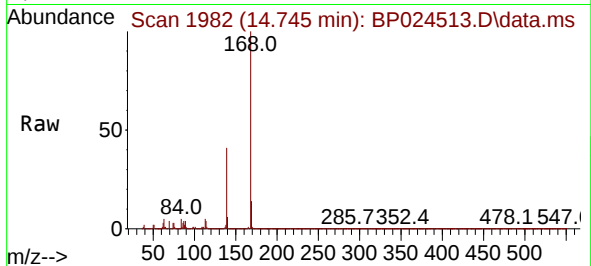




#55
Dibenzofuran
Concen: 42.733 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

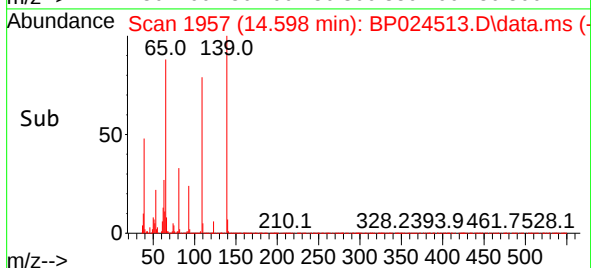
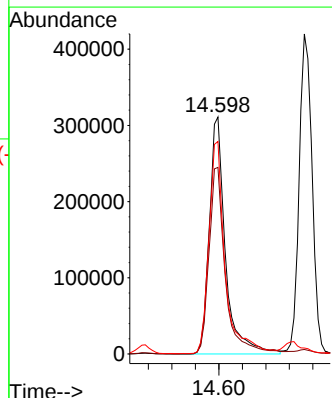
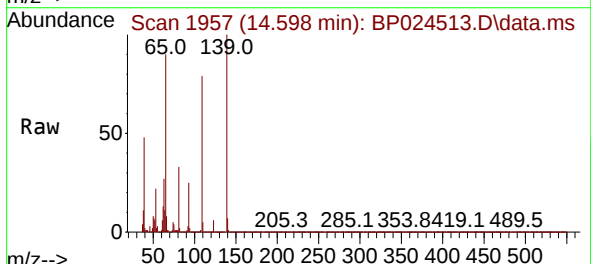
Instrument :
BNA_P
ClientSampleId :
MH-QMS

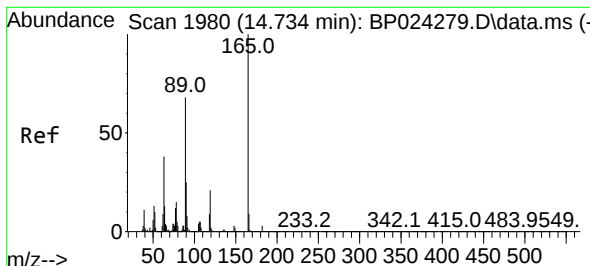
Tgt Ion:168 Resp: 1540195
Ion Ratio Lower Upper
168 100
139 41.0 30.3 45.5
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 105.005 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:139 Resp: 591872
Ion Ratio Lower Upper
139 100
109 78.8 46.1 86.1
65 89.7 65.0 105.0



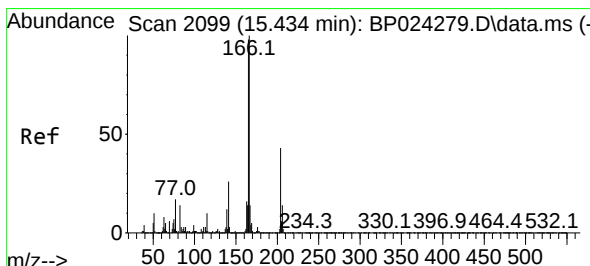
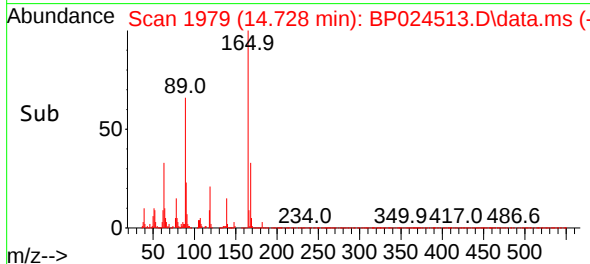
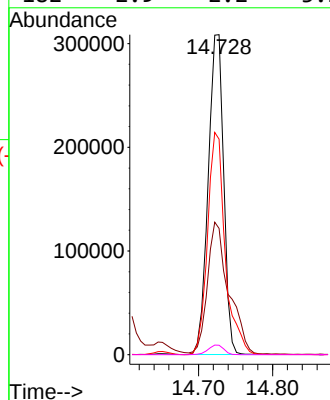
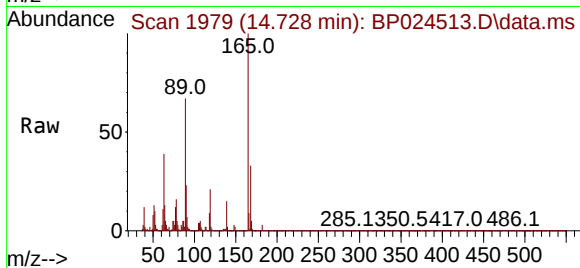


#57
2,4-Dinitrotoluene
Concen: 52.847 ng
RT: 14.728 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Instrument :
BNA_P
ClientSampleId :
MH-QMS

Tgt Ion:165 Resp: 447648

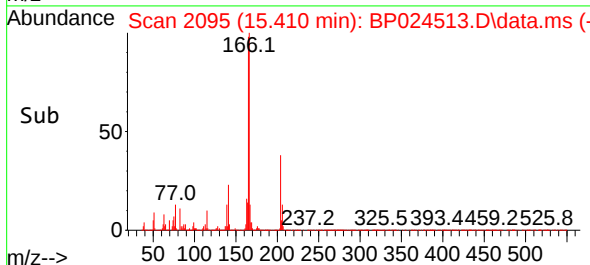
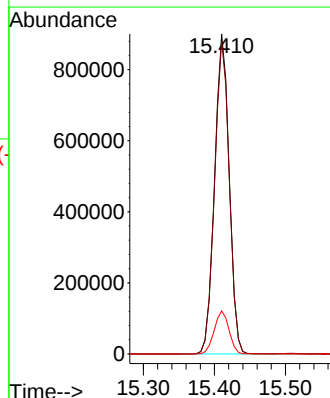
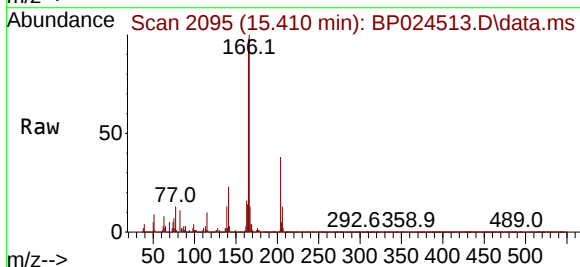
Ion	Ratio	Lower	Upper
165	100		
63	39.5	30.4	45.6
89	67.4	54.6	82.0
182	2.9	2.2	3.2

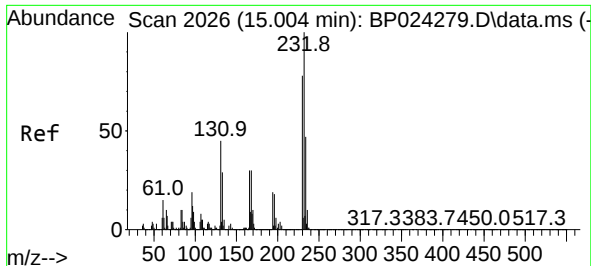


#58
Fluorene
Concen: 45.958 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:166 Resp: 1282282

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.1	117.1
167	13.5	10.9	16.3

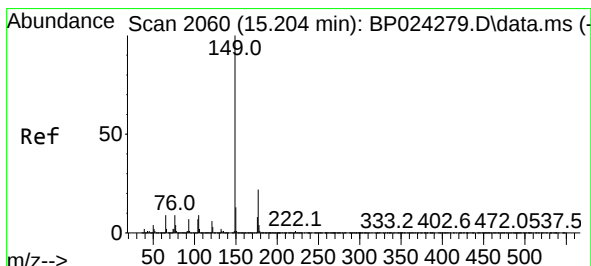
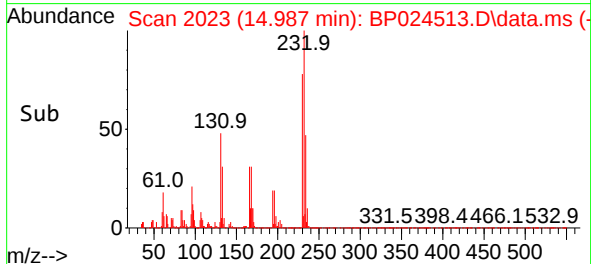
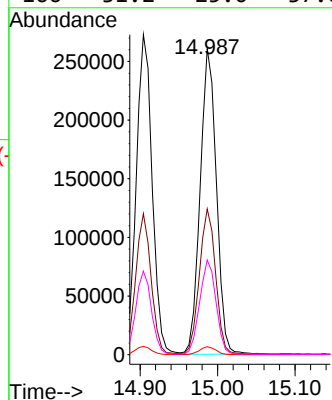
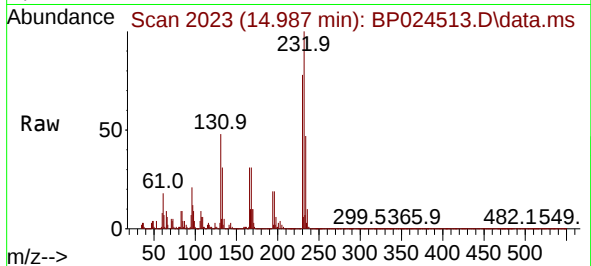




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.445 ng
RT: 14.987 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

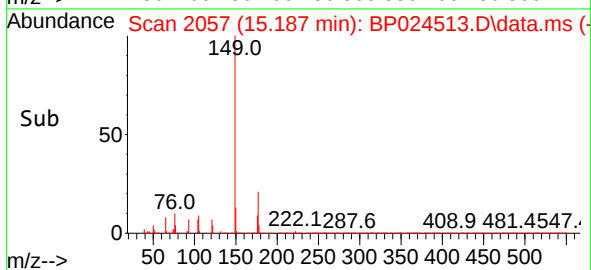
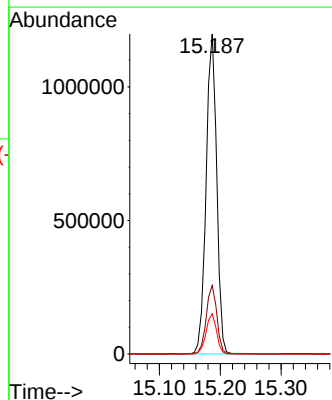
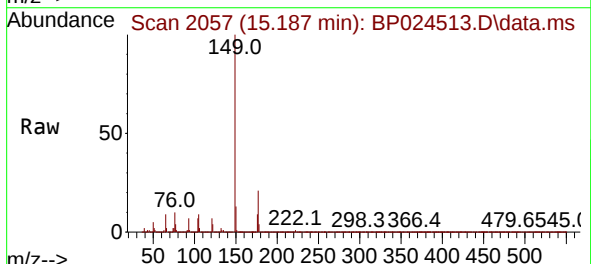
Instrument :
BNA_P
ClientSampleId :
MH-QMS

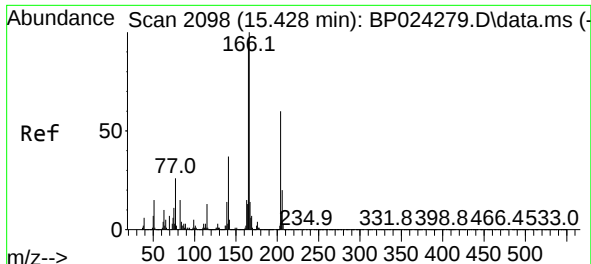
Tgt Ion:232 Resp: 378791
Ion Ratio Lower Upper
232 100
131 47.8 36.8 55.2
130 2.6 1.9 2.9
166 31.2 25.0 37.6



#60
Diethylphthalate
Concen: 48.032 ng
RT: 15.187 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:149 Resp: 1447472
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.5 10.1 15.1

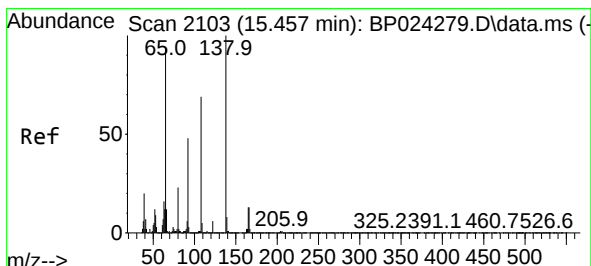
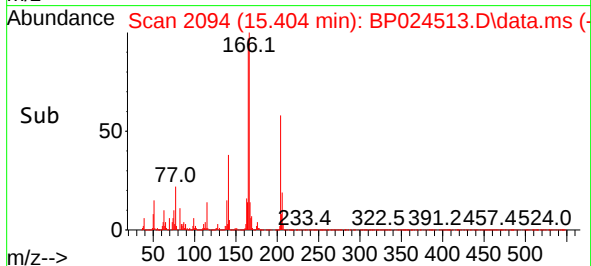
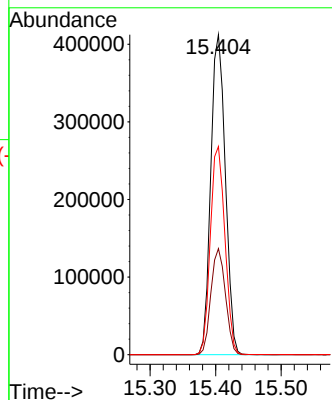
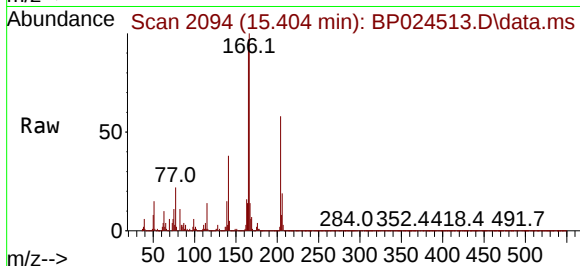




#61
4-Chlorophenyl-phenylether
Concen: 46.987 ng
RT: 15.404 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

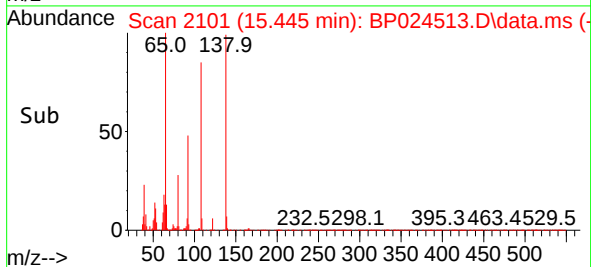
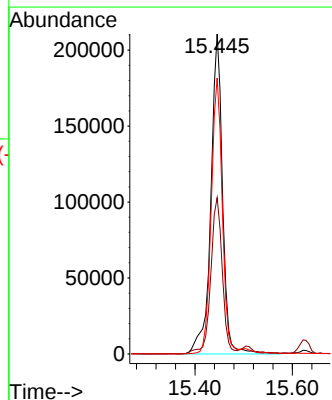
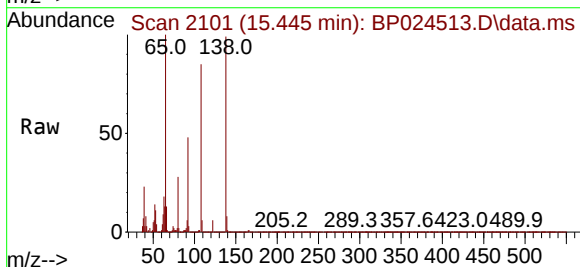
Instrument :
BNA_P
ClientSampleId :
MH-QMS

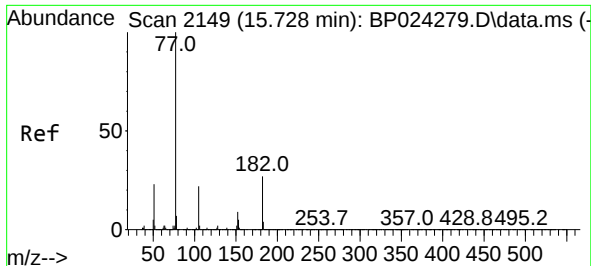
Tgt Ion:204 Resp: 636626
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 65.0 49.4 74.0



#62
4-Nitroaniline
Concen: 50.974 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:138 Resp: 352176
Ion Ratio Lower Upper
138 100
92 48.9 27.8 67.8
108 86.3 48.9 88.9



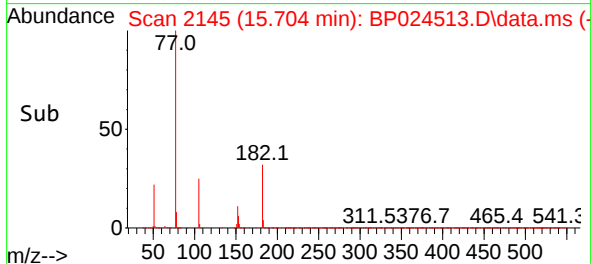
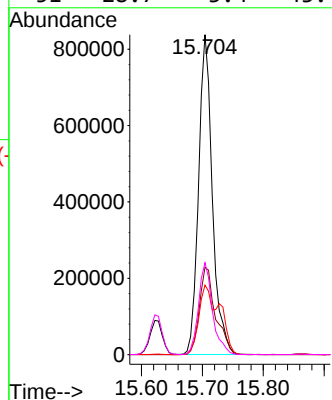
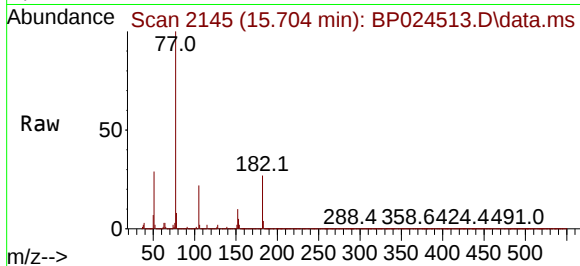


#63
Azobenzene
Concen: 47.535 ng
RT: 15.704 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Instrument :
BNA_P
ClientSampleId :
MH-QMS

Tgt Ion: 77 Resp: 1316609

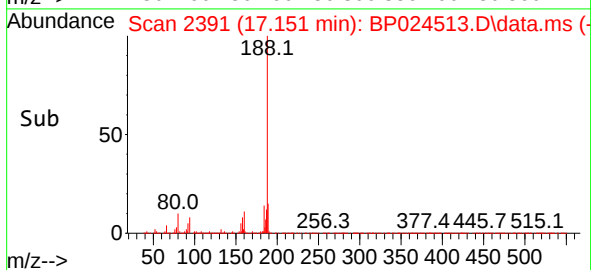
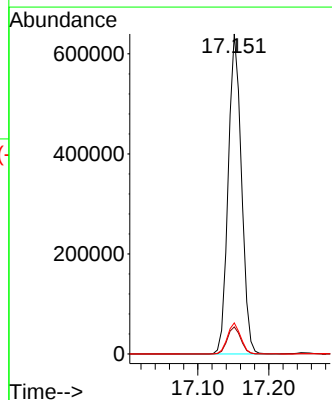
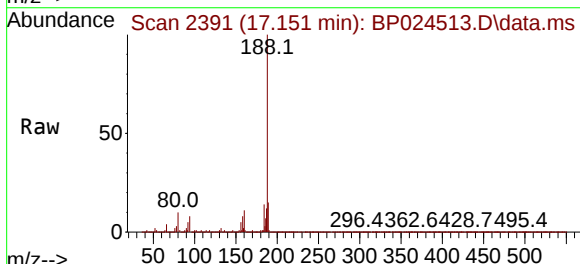
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	21.8	2.3	42.3
51	28.7	3.4	43.4

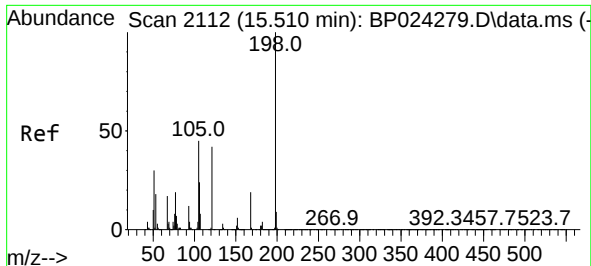


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion: 188 Resp: 825147

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.6	13.0#
80	9.7	9.8	14.6#

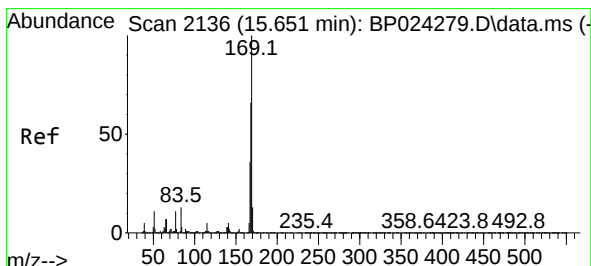
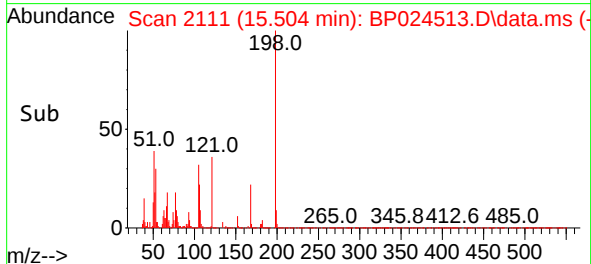
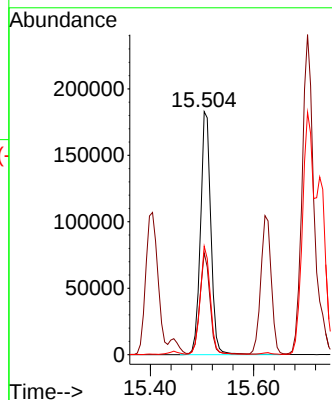
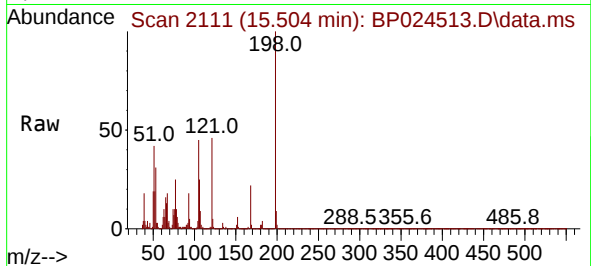




#65
4,6-Dinitro-2-methylphenol
Concen: 48.916 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

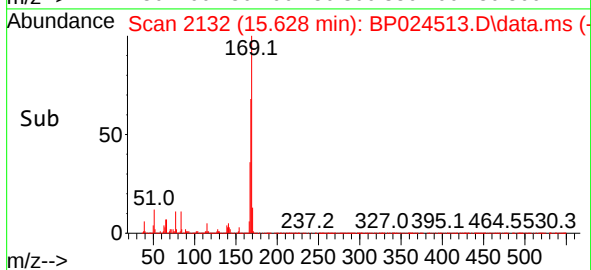
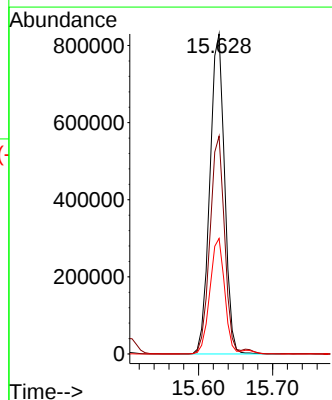
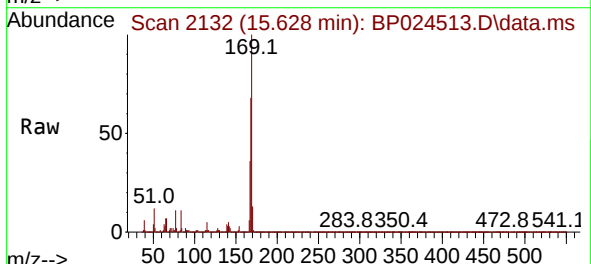
Instrument :
BNA_P
ClientSampleId :
MH-QMS

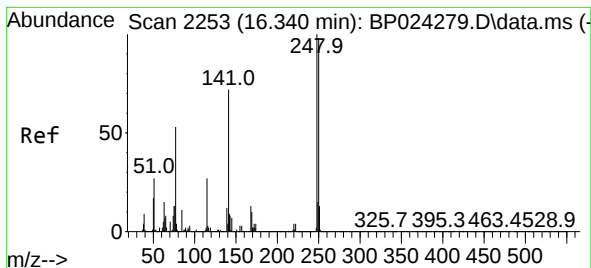
Tgt Ion:198 Resp: 254475
Ion Ratio Lower Upper
198 100
51 41.9 18.4 58.4
105 44.7 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.360 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:169 Resp: 1141798
Ion Ratio Lower Upper
169 100
168 68.1 53.0 79.4
167 36.1 28.9 43.3

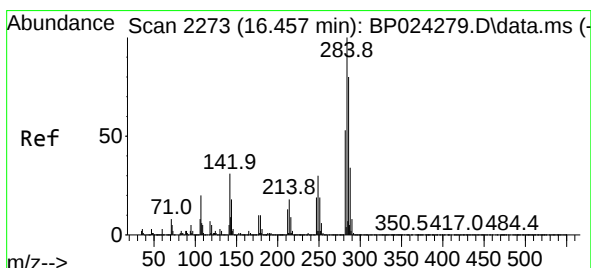
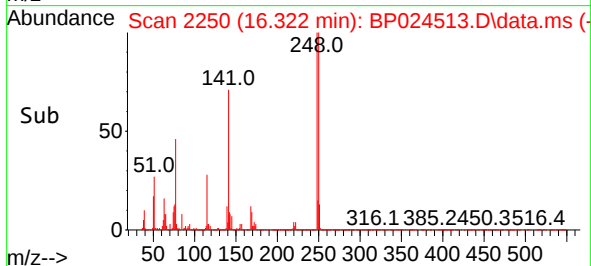
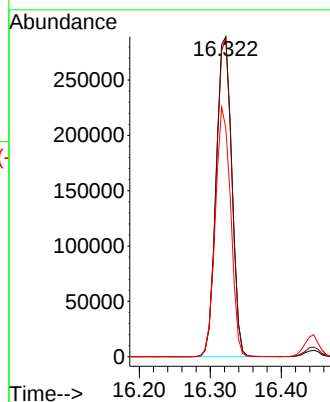
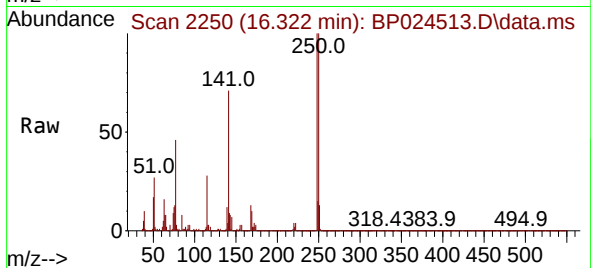




#67
4-Bromophenyl-phenylether
Concen: 48.908 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

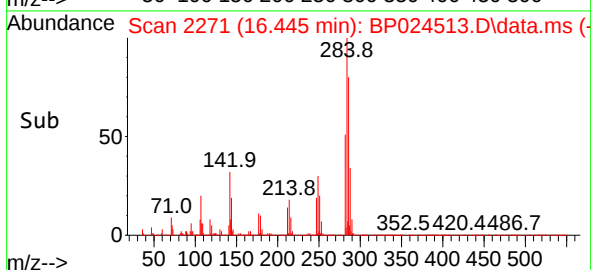
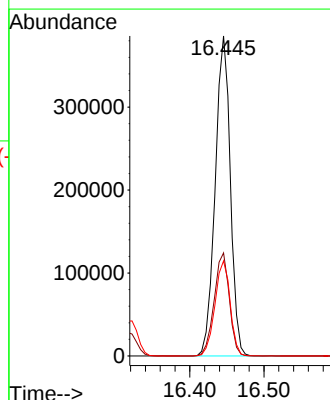
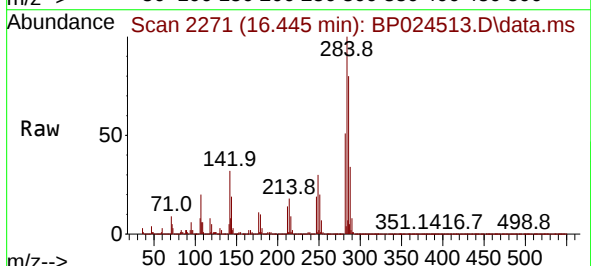
Instrument :
BNA_P
ClientSampleId :
MH-QMS

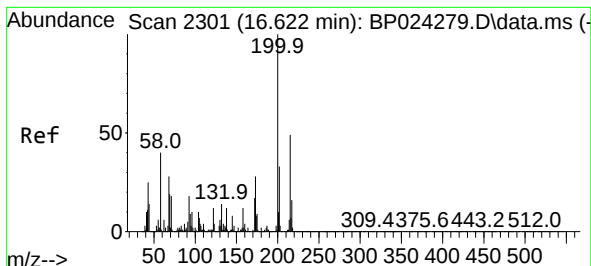
Tgt Ion:248 Resp: 441366
Ion Ratio Lower Upper
248 100
250 99.6 78.2 117.4
141 71.5 57.7 86.5



#68
Hexachlorobenzene
Concen: 50.875 ng
RT: 16.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:284 Resp: 545562
Ion Ratio Lower Upper
284 100
142 32.2 24.6 37.0
249 29.7 23.8 35.6





#69

Atrazine

Concen: 70.199 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

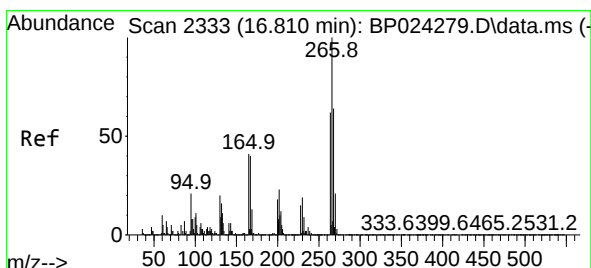
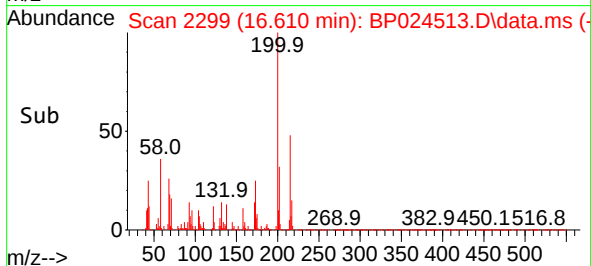
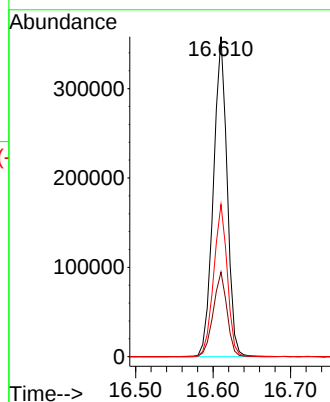
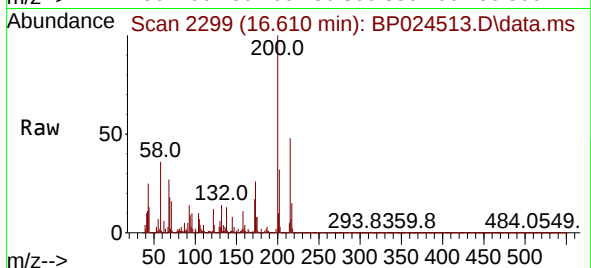
Tgt Ion:200 Resp: 440340

Ion Ratio Lower Upper

200 100

173 26.5 7.5 47.5

215 47.6 28.8 68.8



#70

Pentachlorophenol

Concen: 104.550 ng

RT: 16.804 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

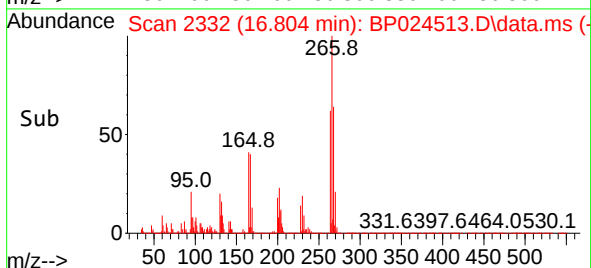
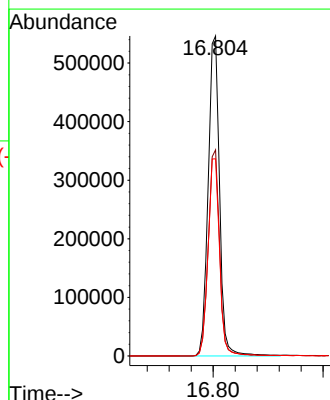
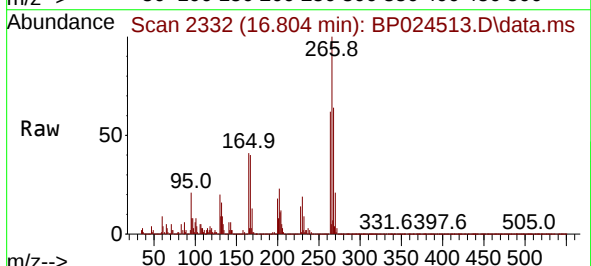
Tgt Ion:266 Resp: 782141

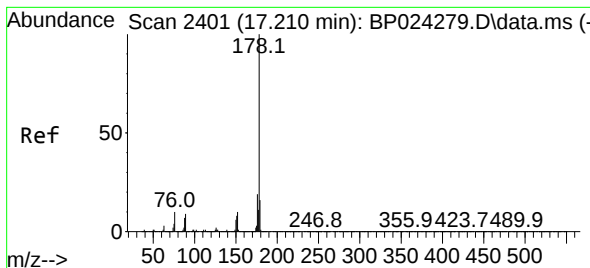
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 61.6 49.8 74.6





#71

Phenanthrene

Concen: 45.717 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

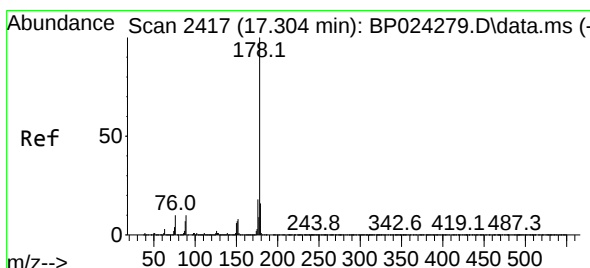
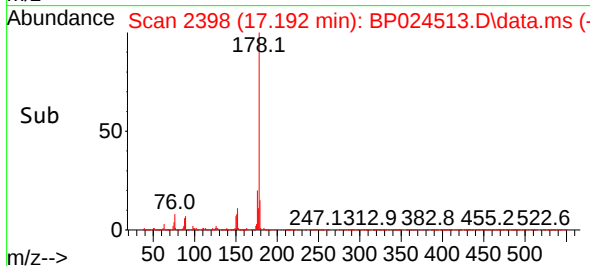
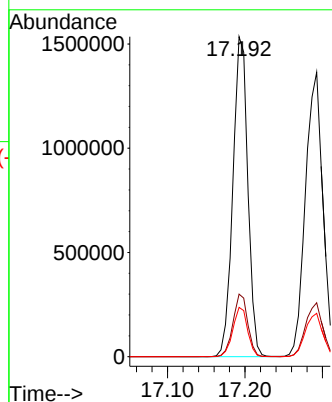
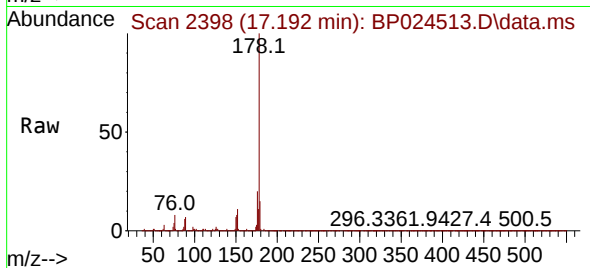
Tgt Ion:178 Resp: 2057904

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 48.898 ng

RT: 17.292 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

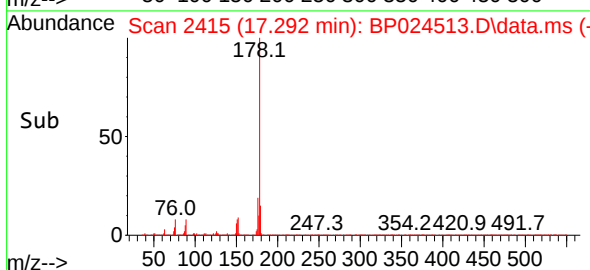
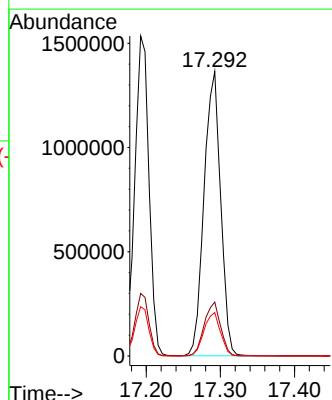
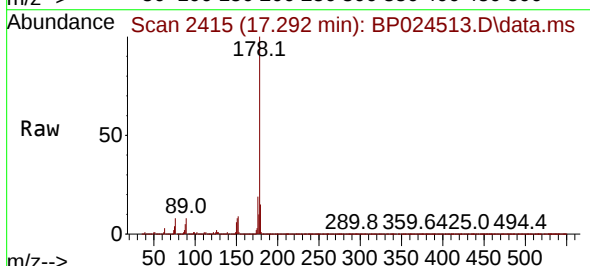
Tgt Ion:178 Resp: 2121392

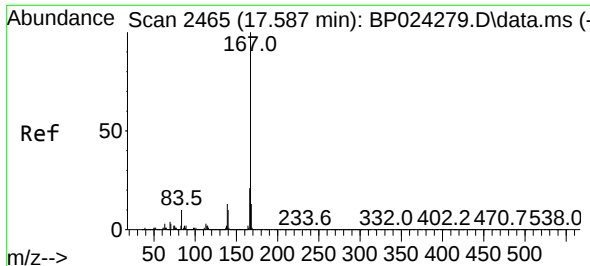
Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

179 15.3 12.4 18.6

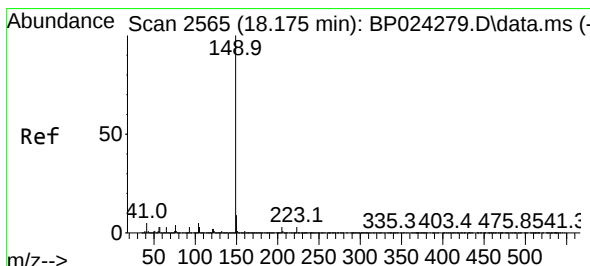
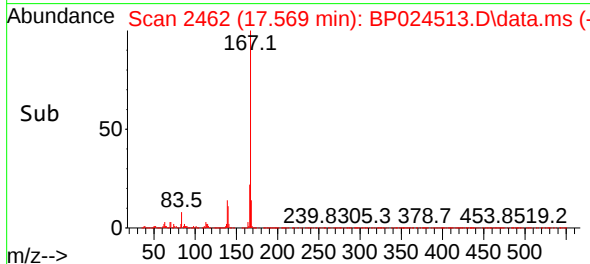
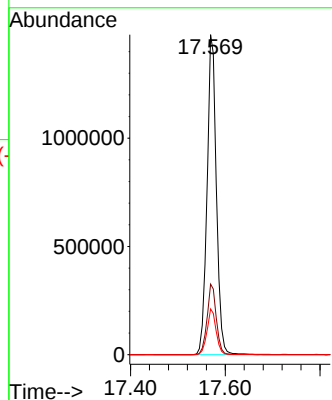
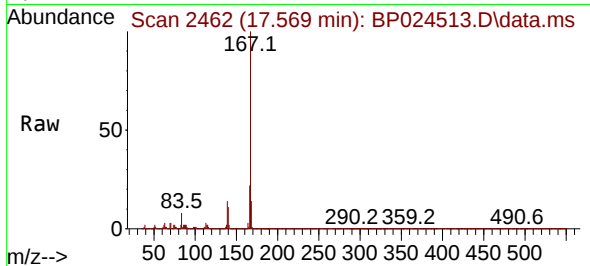




#73
 Carbazole
 Concen: 47.439 ng
 RT: 17.569 min Scan# 2462
 Delta R.T. 0.000 min
 Lab File: BP024513.D
 Acq: 02 May 2025 17:41

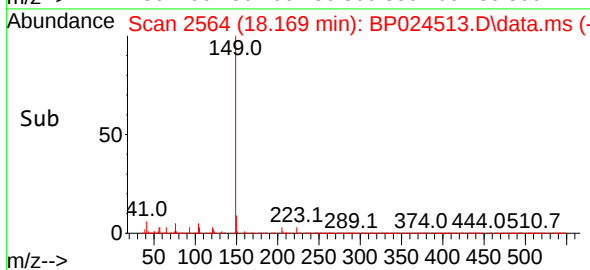
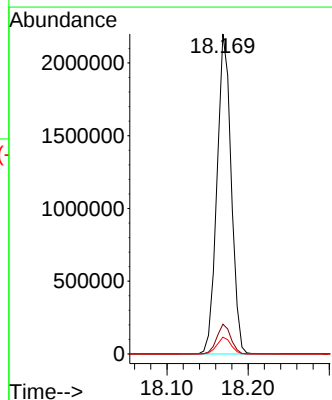
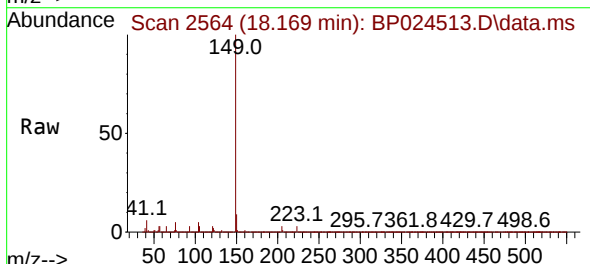
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

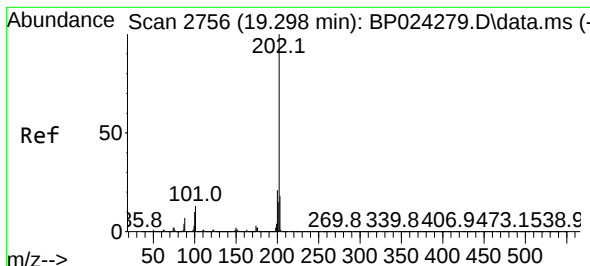
Tgt Ion:167 Resp: 2010943
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.1 25.7
 139 14.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.770 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. 0.012 min
 Lab File: BP024513.D
 Acq: 02 May 2025 17:41

Tgt Ion:149 Resp: 2681292
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 3.9 5.9





#75

Fluoranthene

Concen: 46.945 ng

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

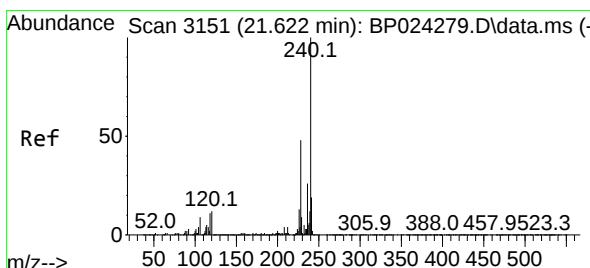
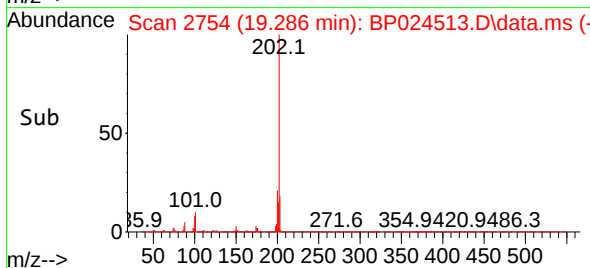
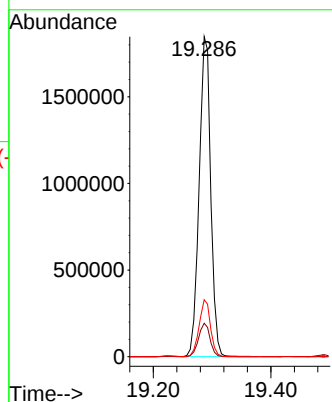
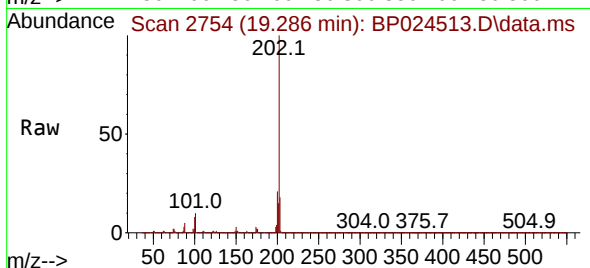
Tgt Ion:202 Resp: 2513299

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.2

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. 0.024 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

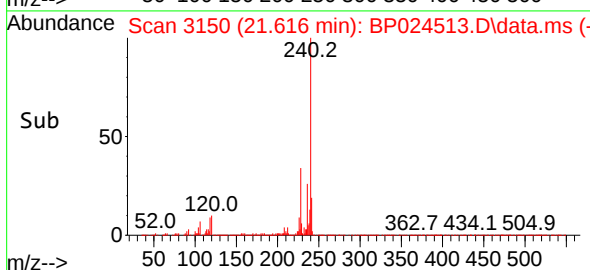
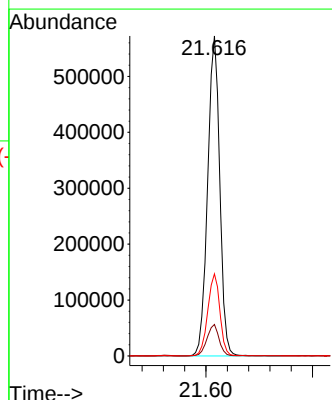
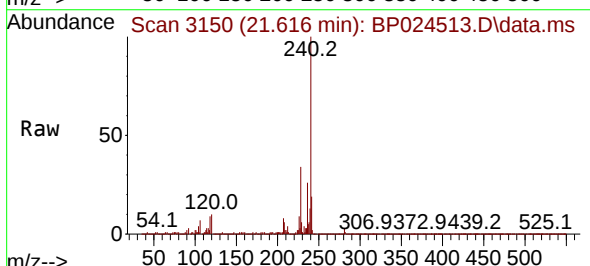
Tgt Ion:240 Resp: 900538

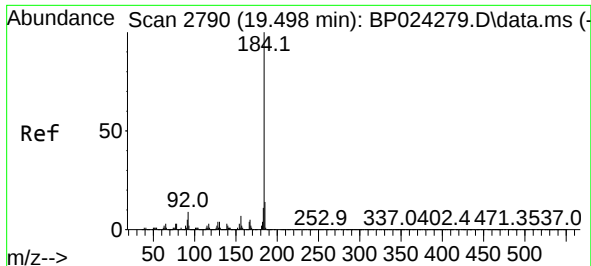
Ion Ratio Lower Upper

240 100

120 9.8 9.8 14.8

236 25.7 20.9 31.3

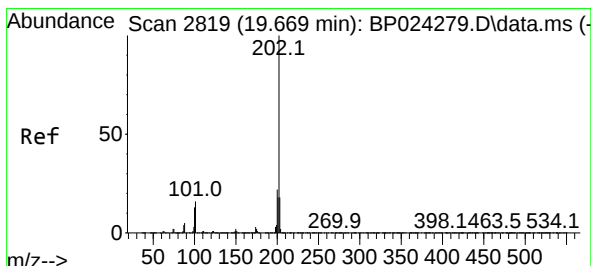
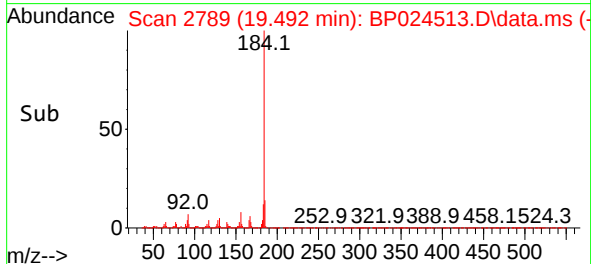
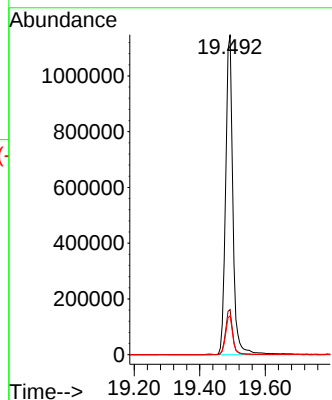
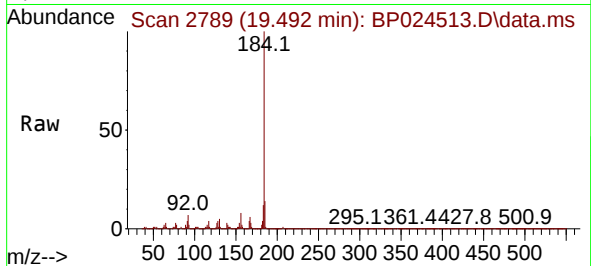




#77
Benzidine
Concen: 151.772 ng
RT: 19.492 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

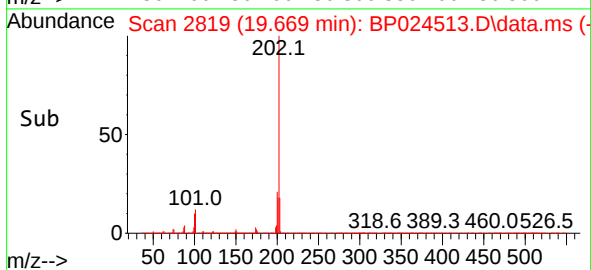
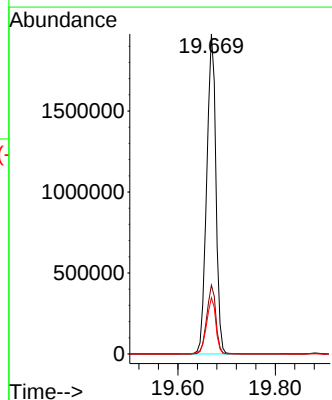
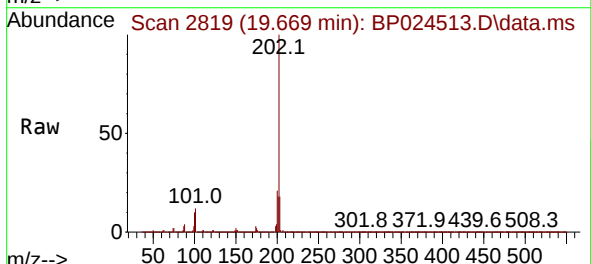
Instrument :
BNA_P
ClientSampleId :
MH-QMS

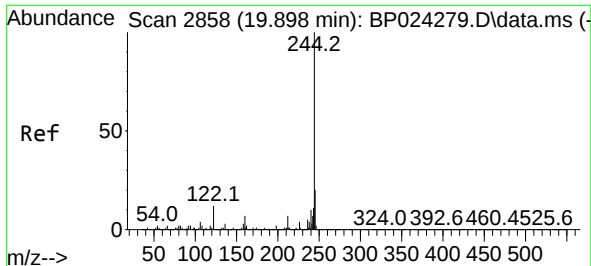
Tgt Ion:184 Resp: 1732487
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 12.1 9.2 13.8



#78
Pyrene
Concen: 45.016 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.018 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:202 Resp: 2576297
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 14.4 21.6

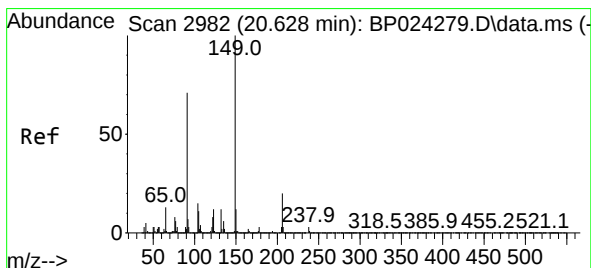
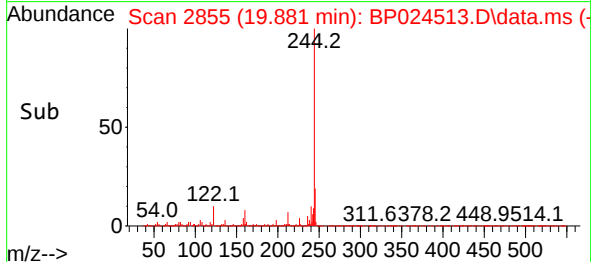
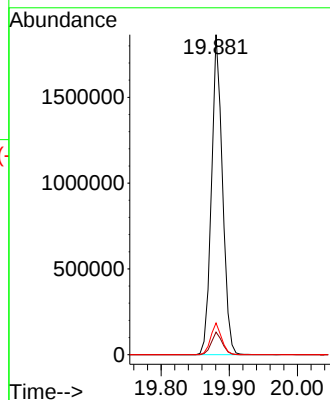
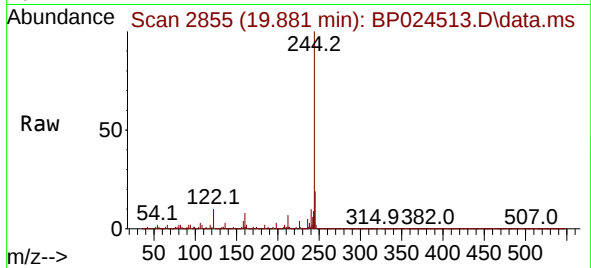




#79
 Terphenyl-d14
 Concen: 46.810 ng
 RT: 19.881 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024513.D
 Acq: 02 May 2025 17:41

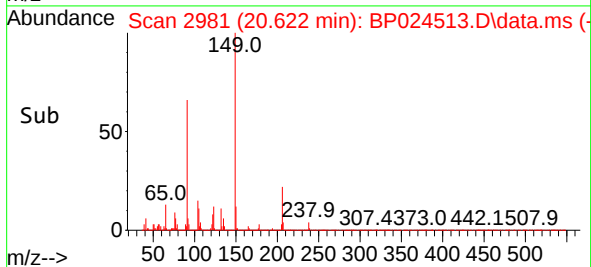
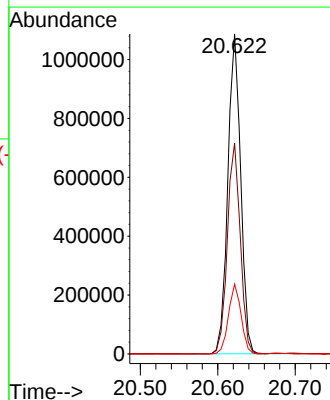
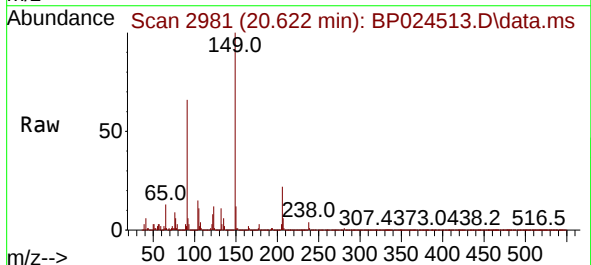
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

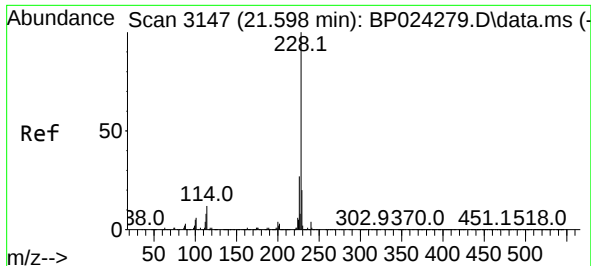
Tgt Ion:244 Resp: 2091355
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.9 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 51.044 ng
 RT: 20.622 min Scan# 2981
 Delta R.T. 0.018 min
 Lab File: BP024513.D
 Acq: 02 May 2025 17:41

Tgt Ion:149 Resp: 1251254
 Ion Ratio Lower Upper
 149 100
 91 65.9 56.4 84.6
 206 21.9 16.3 24.5

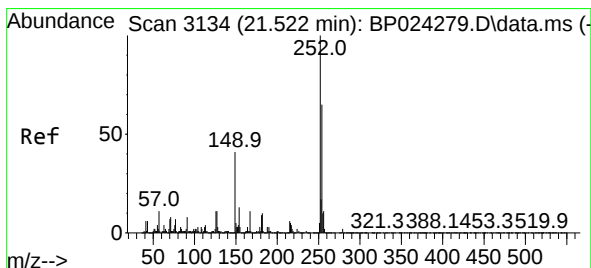
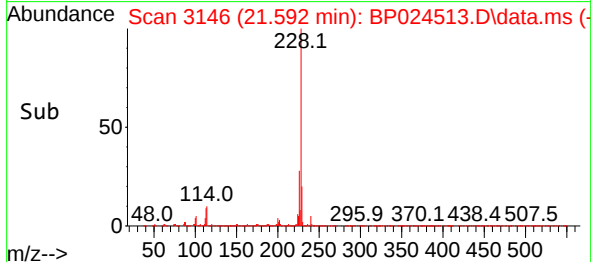
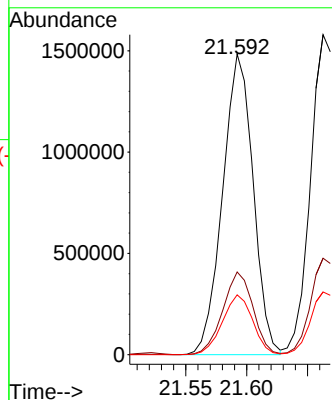
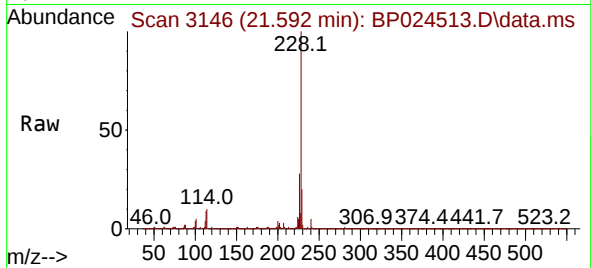




#81
Benzo(a)anthracene
Concen: 46.256 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.024 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

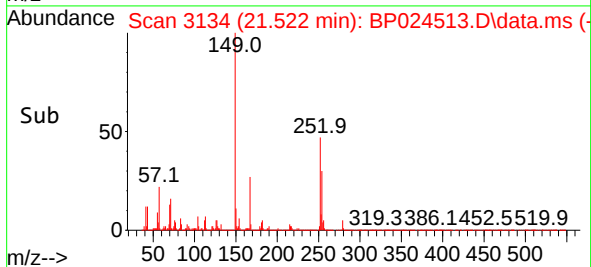
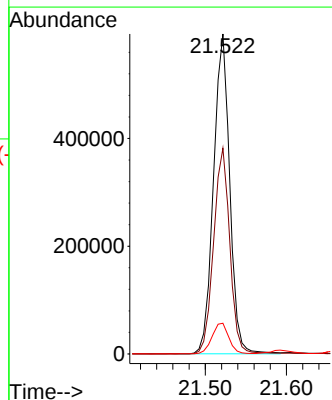
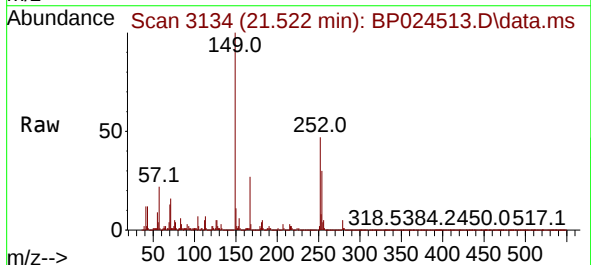
Instrument :
BNA_P
ClientSampleId :
MH-QMS

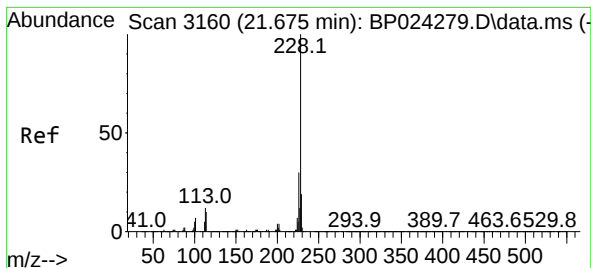
Tgt Ion:228 Resp: 2589154
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 41.890 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.030 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:252 Resp: 822979
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 9.6 8.8 13.2





#83

Chrysene

Concen: 45.733 ng

RT: 21.663 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

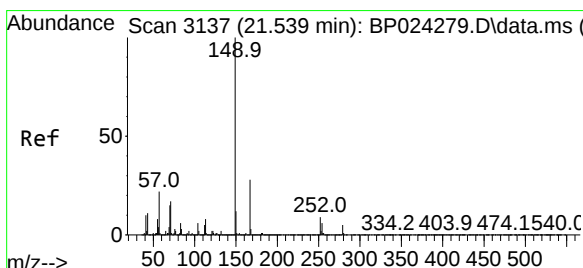
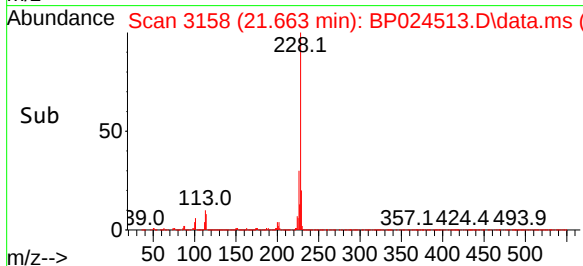
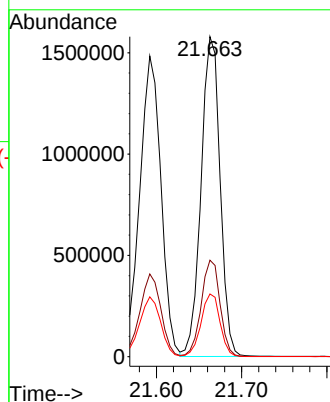
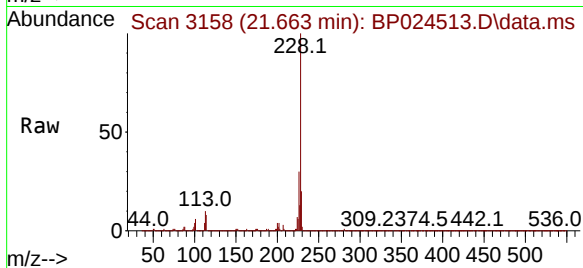
Tgt Ion:228 Resp: 2452441

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.505 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.018 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

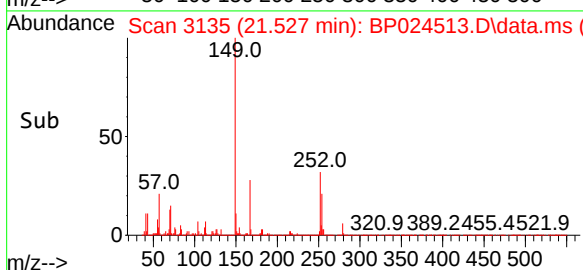
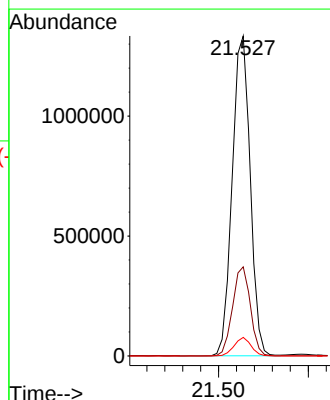
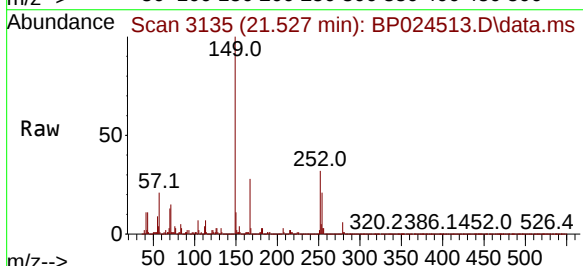
Tgt Ion:149 Resp: 1850829

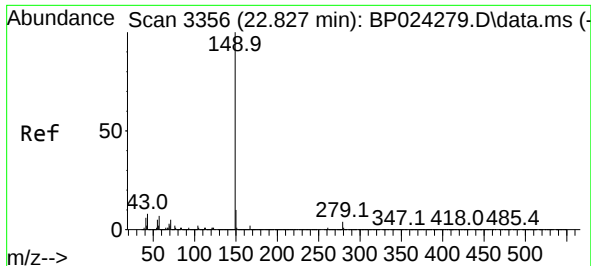
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.8 4.0 6.0

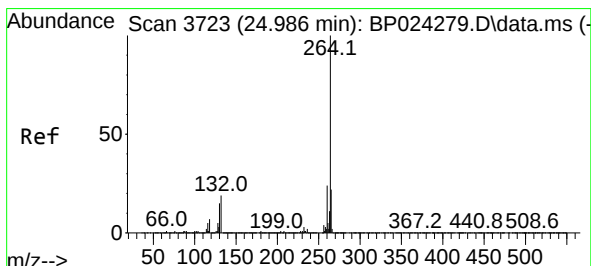
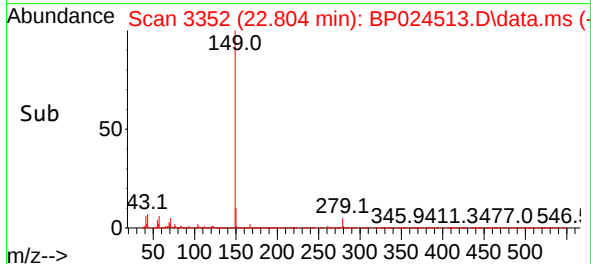
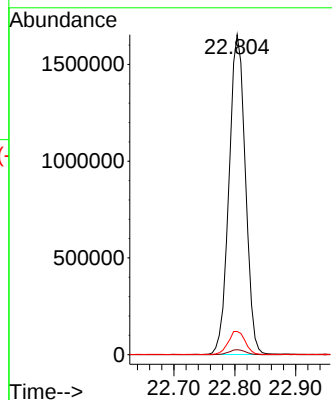
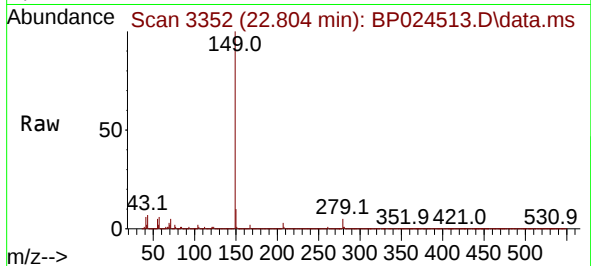




#85
Di-n-octyl phthalate
Concen: 52.895 ng
RT: 22.804 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

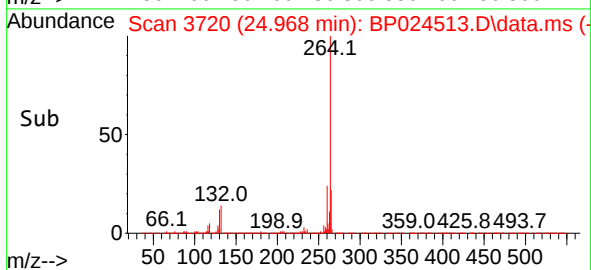
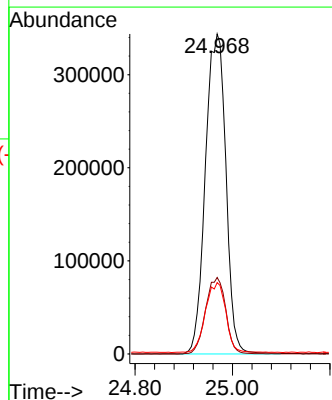
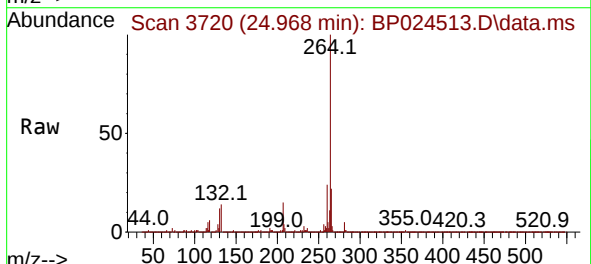
Instrument :
BNA_P
ClientSampleId :
MH-QMS

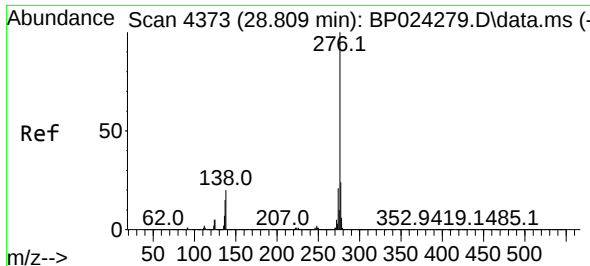
Tgt Ion:149 Resp: 3090140
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.5 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.968 min Scan# 3720
Delta R.T. 0.035 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:264 Resp: 1001580
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.3 17.8 26.6

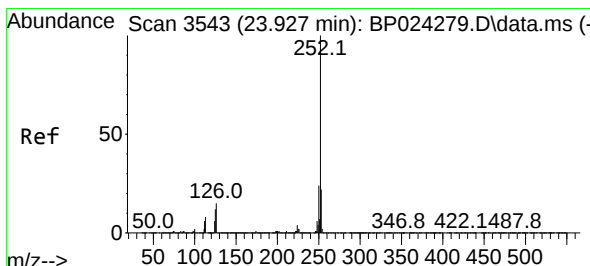
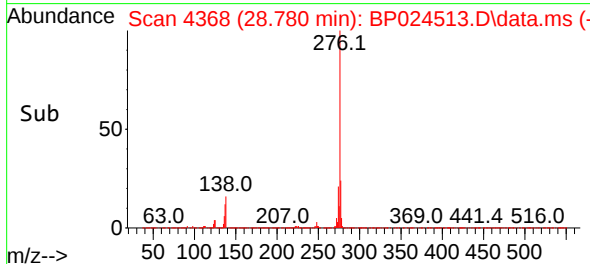
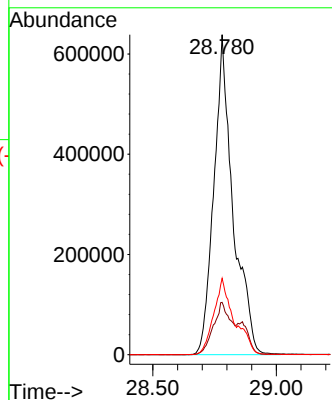
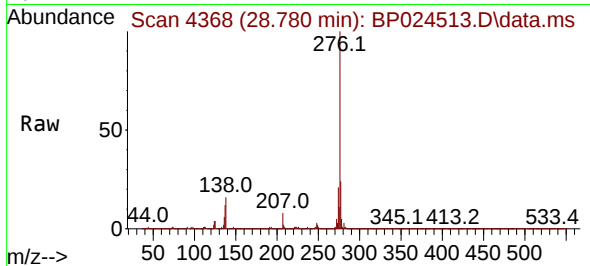




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.500 ng
RT: 28.780 min Scan# 41
Delta R.T. 0.041 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

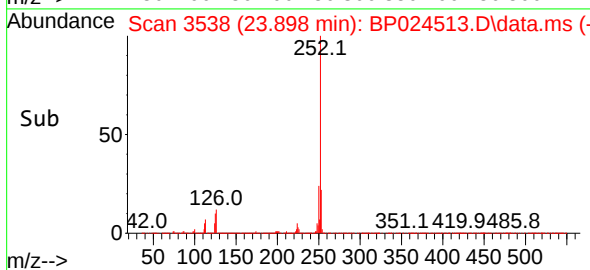
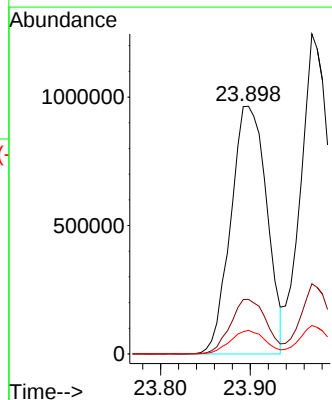
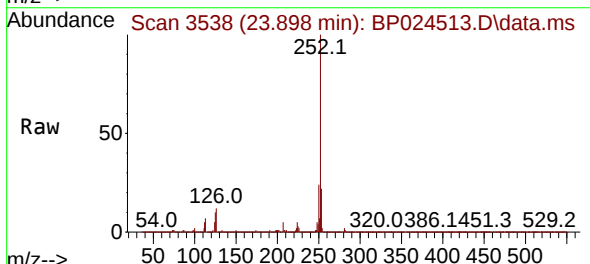
Instrument :
BNA_P
ClientSampleId :
MH-QMS

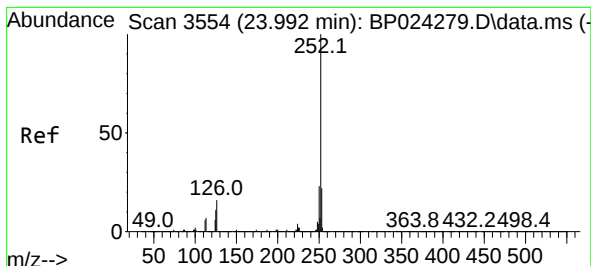
Tgt Ion:276 Resp: 3441950
Ion Ratio Lower Upper
276 100
138 14.7 14.5 21.7
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 44.651 ng
RT: 23.898 min Scan# 3538
Delta R.T. 0.012 min
Lab File: BP024513.D
Acq: 02 May 2025 17:41

Tgt Ion:252 Resp: 2680647
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.6 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 46.225 ng

RT: 23.898 min Scan# 3

Delta R.T. -0.059 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

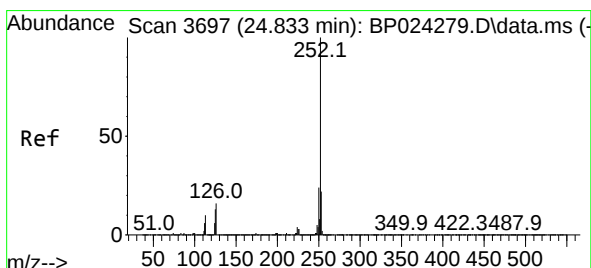
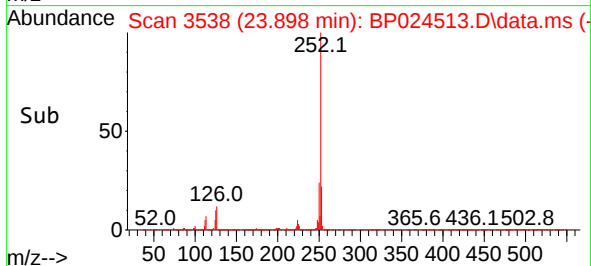
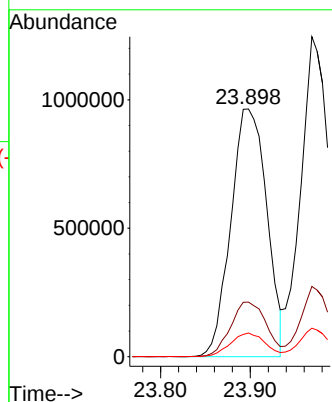
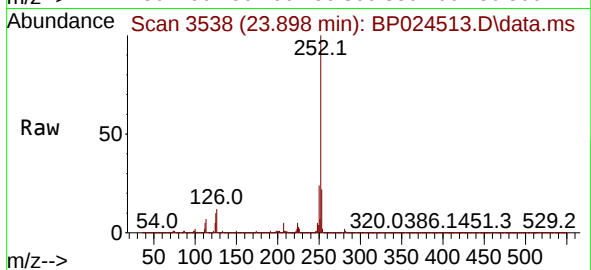
Tgt Ion:252 Resp: 2680647

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.6 9.1 13.7



#90

Benzo(a)pyrene

Concen: 49.719 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.030 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

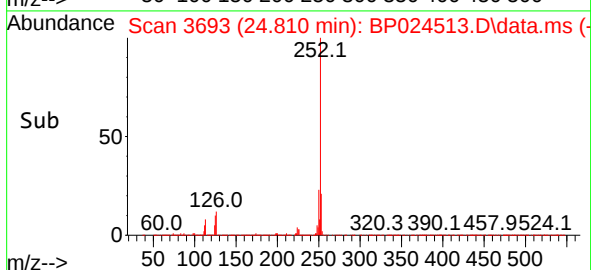
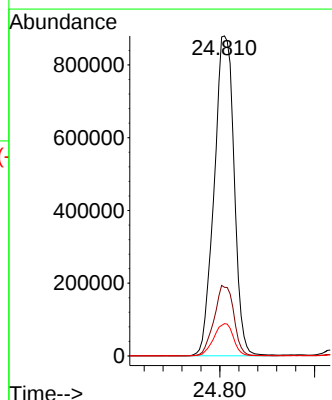
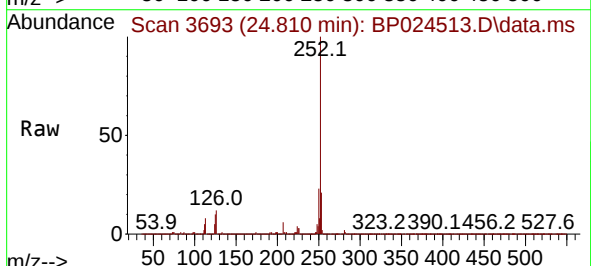
Tgt Ion:252 Resp: 2574791

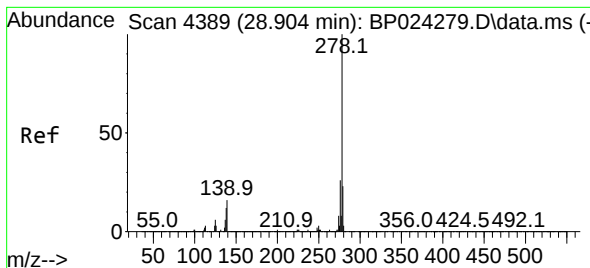
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 10.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 49.045 ng

RT: 28.862 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Instrument :

BNA_P

ClientSampleId :

MH-QMS

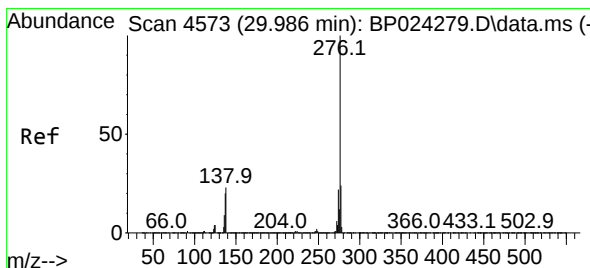
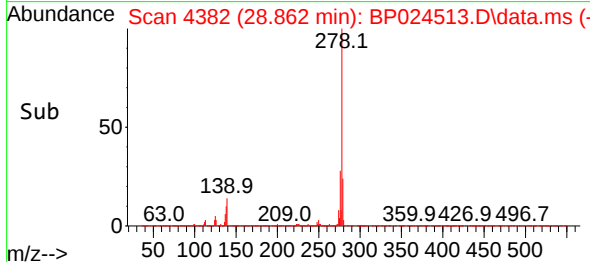
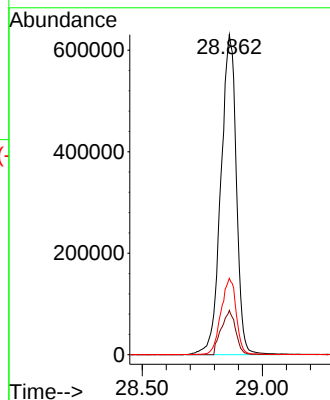
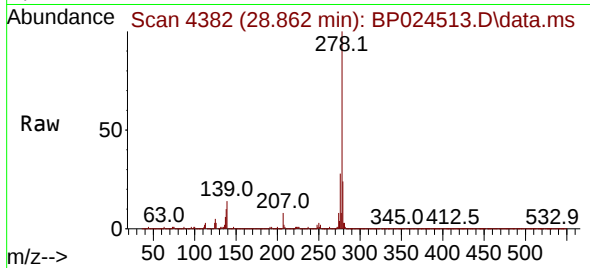
Tgt Ion:278 Resp: 2830658

Ion Ratio Lower Upper

278 100

139 13.8 12.6 19.0

279 23.9 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.665 ng

RT: 29.945 min Scan# 4566

Delta R.T. 0.047 min

Lab File: BP024513.D

Acq: 02 May 2025 17:41

Tgt Ion:276 Resp: 2741375

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 18.3 18.7 28.1#

