

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024527.D
 Acq On : 05 May 2025 16:05
 Operator : RC/JU
 Sample : Q1928-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMSD

Quant Time: May 05 16:44:29 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	7.710	152	168574	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	692933	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	426013	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	859507	20.000	ng	0.00
76) Chrysene-d12	21.580	240	974537	20.000	ng	-0.01
86) Perylene-d12	24.910	264	1094765	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	760834	74.626	ng	-0.01
7) Phenol-d6	6.899	99	990396	70.944	ng	-0.01
23) Nitrobenzene-d5	8.857	82	560332	46.109	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	526767	89.372	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1174863	42.225	ng	-0.02
79) Terphenyl-d14	19.857	244	2154375	44.559	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	173976	40.343	ng	# 94
3) Pyridine	3.670	79	436073	38.295	ng	92
4) n-Nitrosodimethylamine	3.581	42	192216	50.862	ng	76
6) Aniline	7.046	93	573646	45.985	ng	99
8) 2-Chlorophenol	7.287	128	556737	48.910	ng	99
9) Benzaldehyde	6.864	77	232472	33.664	ng	97
10) Phenol	6.928	94	667215	47.644	ng	93
11) bis(2-Chloroethyl)ether	7.140	93	468525	41.524	ng	100
12) 1,3-Dichlorobenzene	7.599	146	563691	45.999	ng	99
13) 1,4-Dichlorobenzene	7.740	146	571506	45.964	ng	98
14) 1,2-Dichlorobenzene	8.058	146	550339	45.838	ng	99
15) Benzyl Alcohol	7.952	79	464953	51.501	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	531072	43.545	ng	100
17) 2-Methylphenol	8.158	107	449787	49.649	ng	97
18) Hexachloroethane	8.775	117	213796	47.580	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	363951	42.141	ng	96
20) 3+4-Methylphenols	8.481	107	618160	49.177	ng	98
22) Acetophenone	8.528	105	763485	44.517	ng	# 97
24) Nitrobenzene	8.899	77	550294	45.775	ng	99
25) Isophorone	9.422	82	1028546	46.760	ng	97
26) 2-Nitrophenol	9.605	139	299689	50.941	ng	96
27) 2,4-Dimethylphenol	9.669	122	499838	67.665	ng	99
28) bis(2-Chloroethoxy)met...	9.899	93	629499	42.364	ng	98
29) 2,4-Dichlorophenol	10.140	162	504750	50.114	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	508027	47.077	ng	99
31) Naphthalene	10.534	128	1579601	43.275	ng	99
32) Benzoic acid	9.840	122	400197	46.494	ng	98
33) 4-Chloroaniline	10.646	127	370457	28.820	ng	98
34) Hexachlorobutadiene	10.816	225	316845	49.965	ng	97
35) Caprolactam	11.446	113	154861	41.670	ng	96
36) 4-Chloro-3-methylphenol	11.787	107	580722	49.501	ng	100
37) 2-Methylnaphthalene	12.146	142	1016584	40.159	ng	97
38) 1-Methylnaphthalene	12.363	142	1083639	43.758	ng	100
40) 1,2,4,5-Tetrachloroben...	12.516	216	569400	48.603	ng	98
41) Hexachlorocyclopentadiene	12.498	237	779453	188.118	ng	97
43) 2,4,6-Trichlorophenol	12.763	196	414596	53.228	ng	98

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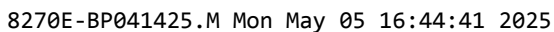
Instrument :
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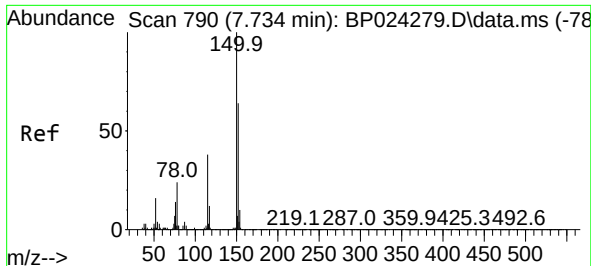
Quant Time: May 05 16:44:29 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	457182	53.004	ng	99
46) 1,1'-Biphenyl	13.163	154	1448709	46.264	ng	98
47) 2-Chloronaphthalene	13.204	162	1112999	47.556	ng	98
48) 2-Nitroaniline	13.416	65	353376	53.828	ng	98
49) Acenaphthylene	14.063	152	1833713	49.765	ng	99
50) Dimethylphthalate	13.798	163	1490029	48.096	ng	99
51) 2,6-Dinitrotoluene	13.916	165	325026	49.406	ng	95
52) Acenaphthene	14.404	154	1048157	44.869	ng	99
53) 3-Nitroaniline	14.257	138	223144	32.273	ng	98
54) 2,4-Dinitrophenol	14.469	184	437557	112.914	ng	89
55) Dibenzofuran	14.751	168	1666737	43.650	ng	96
56) 4-Nitrophenol	14.592	139	624675	104.609	ng	90
57) 2,4-Dinitrotoluene	14.722	165	472668	52.671	ng	99
58) Fluorene	15.404	166	1390272	47.033	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	401699	50.495	ng	98
60) Diethylphthalate	15.181	149	1482225	46.427	ng	100
61) 4-Chlorophenyl-phenyle...	15.398	204	681083	47.449	ng	98
62) 4-Nitroaniline	15.434	138	356697	48.732	ng	87
63) Azobenzene	15.698	77	1401152	47.750	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	276566	51.038	ng	97
66) n-Nitrosodiphenylamine	15.622	169	1219975	47.554	ng	98
67) 4-Bromophenyl-phenylether	16.310	248	461135	49.056	ng	98
68) Hexachlorobenzene	16.434	284	578175	51.761	ng	99
69) Atrazine	16.598	200	453253	69.369	ng	98
70) Pentachlorophenol	16.792	266	825072	105.879	ng	99
71) Phenanthrene	17.186	178	2170334	46.287	ng	99
72) Anthracene	17.275	178	2202133	48.730	ng	99
73) Carbazole	17.563	167	2117914	47.965	ng	99
74) Di-n-butylphthalate	18.145	149	2635239	47.904	ng	99
75) Fluoranthene	19.269	202	2627400	47.115	ng	97
77) Benzidine	19.469	184	1058859	85.716	ng	99
78) Pyrene	19.645	202	2739390	44.232	ng	99
80) Butylbenzylphthalate	20.592	149	1298523	48.950	ng	95
81) Benzo(a)anthracene	21.563	228	2899165	47.862	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	727023	34.196	ng	100
83) Chrysene	21.633	228	2678462	46.155	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1847858	47.517	ng	99
85) Di-n-octyl phthalate	22.763	149	3200463	50.624	ng	100
87) Indeno(1,2,3-cd)pyrene	28.704	276	3826691	50.349	ng	98
88) Benzo(b)fluoranthene	23.863	252	3036144	46.268	ng	# 96
89) Benzo(k)fluoranthene	23.927	252	3015564	47.574	ng	# 97
90) Benzo(a)pyrene	24.763	252	2889633	51.050	ng	# 97
91) Dibenzo(a,h)anthracene	28.780	278	3139375	49.764	ng	97
92) Benzo(g,h,i)perylene	29.874	276	3071570	47.835	ng	95

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

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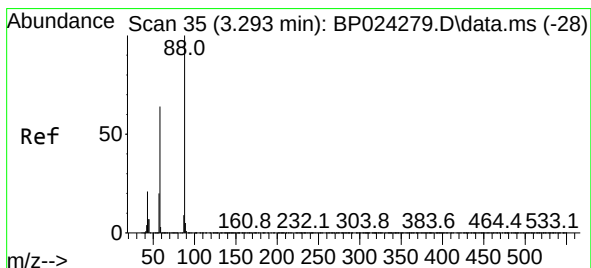
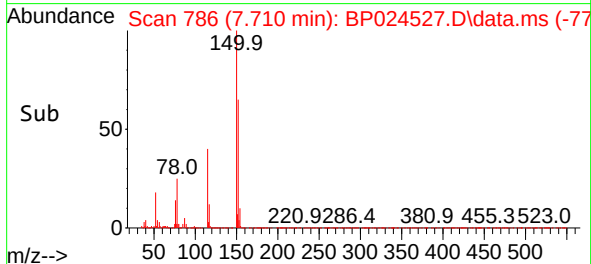
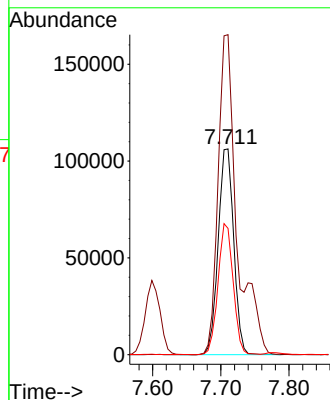
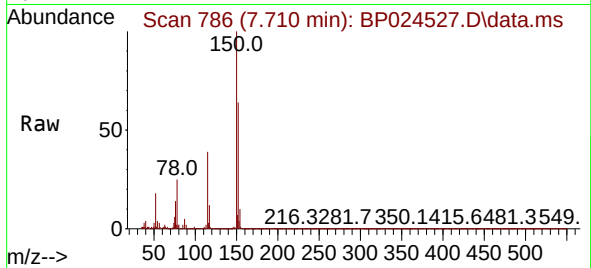




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024527.D
 Acq: 05 May 2025 16:05

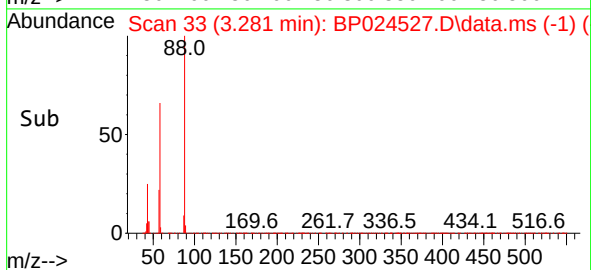
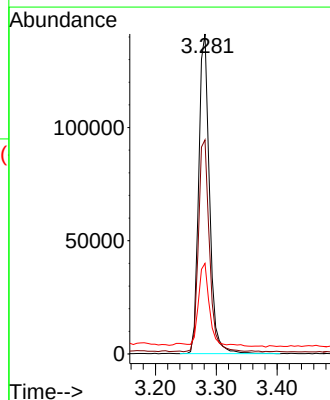
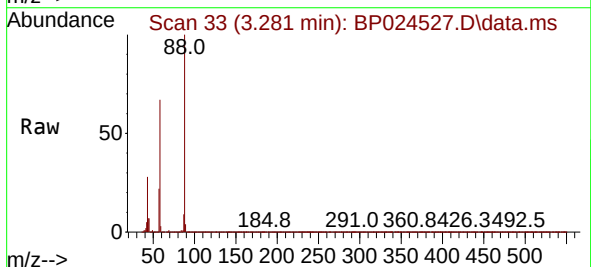
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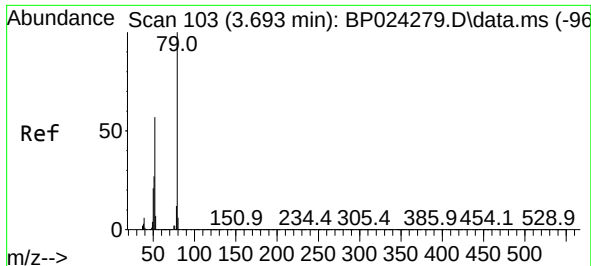
Tgt Ion:152 Resp: 168574
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 61.3 47.7 71.5



#2
 1,4-Dioxane
 Concen: 40.343 ng
 RT: 3.281 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: BP024527.D
 Acq: 05 May 2025 16:05

Tgt Ion: 88 Resp: 173976
 Ion Ratio Lower Upper
 88 100
 58 67.3 51.4 77.2
 43 26.6 17.1 25.7#

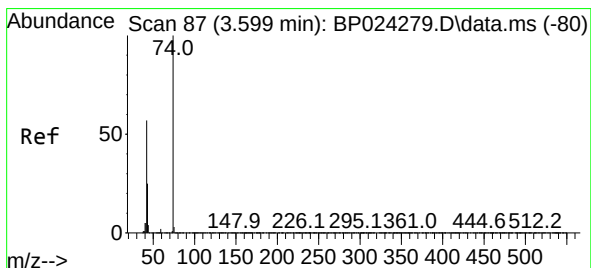
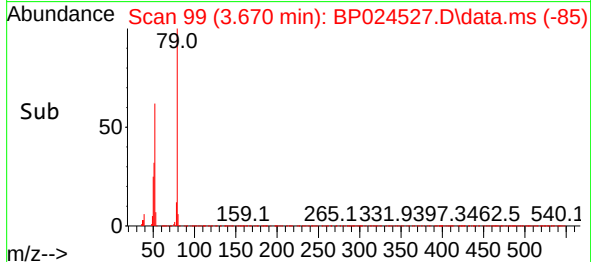
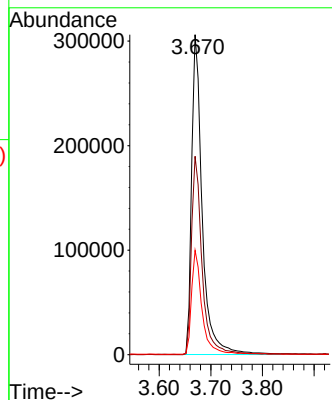
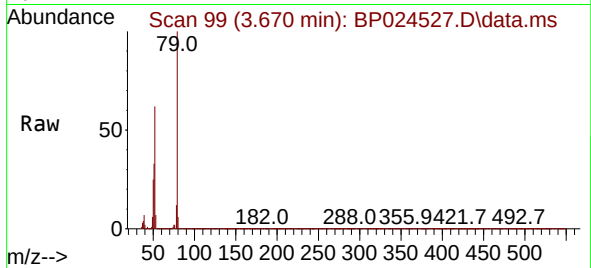




#3
 Pyridine
 Concen: 38.295 ng
 RT: 3.670 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BP024527.D
 Acq: 05 May 2025 16:05

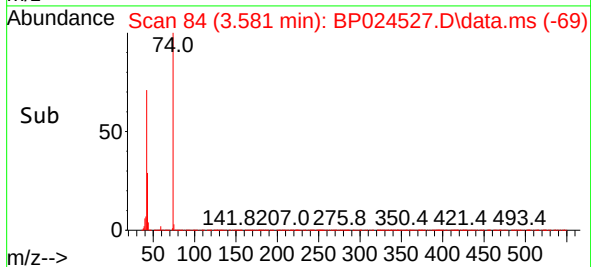
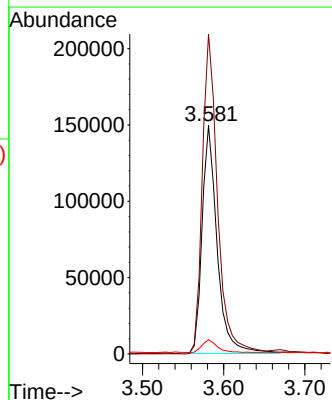
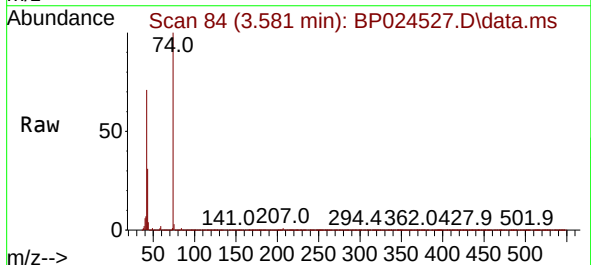
Instrument :
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 ClientSampleId :
 MH-QMSD

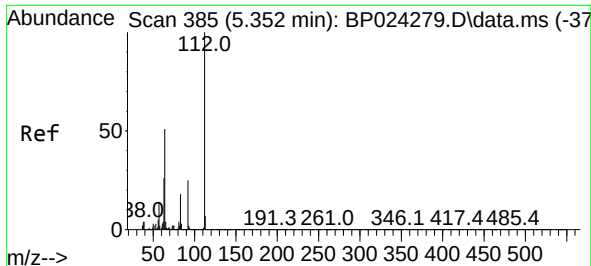
Tgt Ion: 79 Resp: 436073
 Ion Ratio Lower Upper
 79 100
 52 62.0 45.4 68.2
 51 32.6 22.6 33.8



#4
 n-Nitrosodimethylamine
 Concen: 50.862 ng
 RT: 3.581 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BP024527.D
 Acq: 05 May 2025 16:05

Tgt Ion: 42 Resp: 192216
 Ion Ratio Lower Upper
 42 100
 74 140.0 139.5 209.3
 44 6.3 5.8 8.8

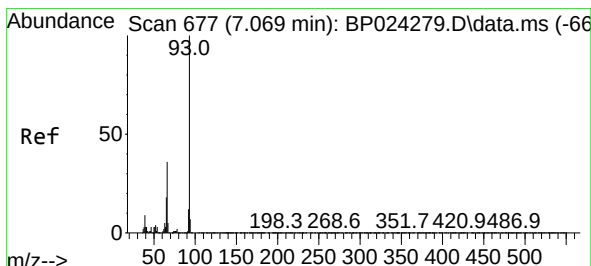
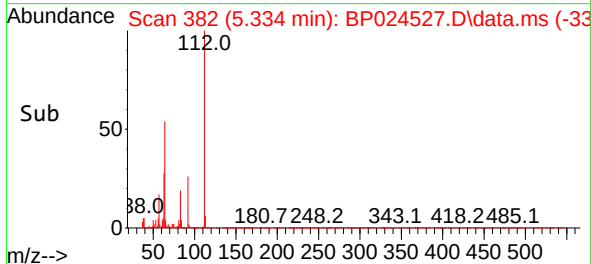
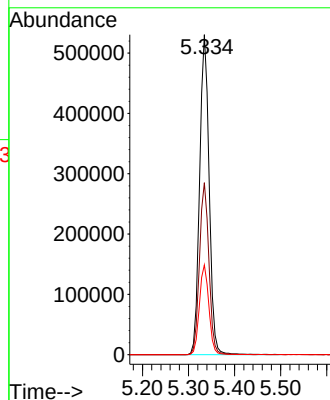
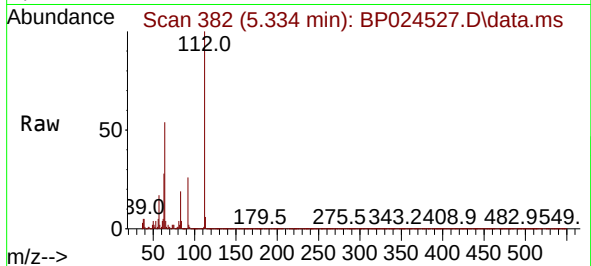




#5
2-Fluorophenol
Concen: 74.626 ng
RT: 5.334 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

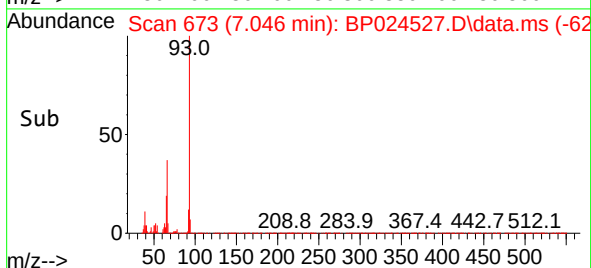
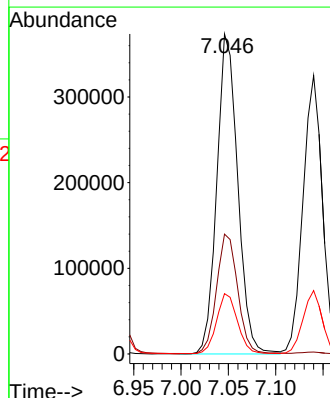
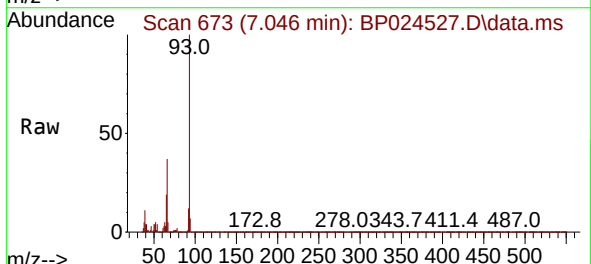
Instrument :
BNA_P
ClientSampleId :
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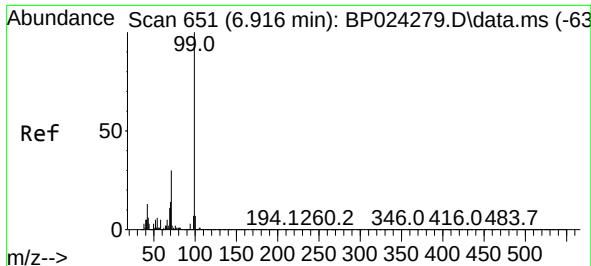
Tgt Ion:112 Resp: 760834
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 28.1 20.6 30.8



#6
Aniline
Concen: 45.985 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 93 Resp: 573646
Ion Ratio Lower Upper
93 100
66 37.4 29.1 43.7
65 18.8 14.7 22.1





#7

Phenol-d6

Concen: 70.944 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

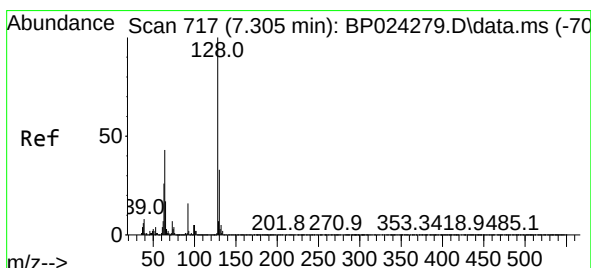
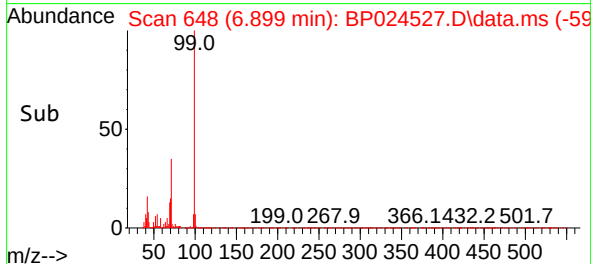
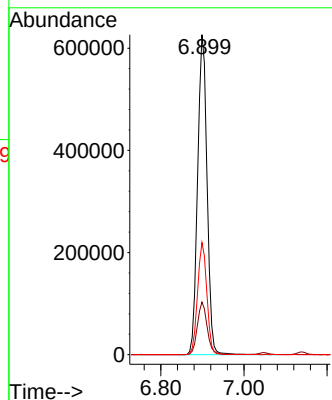
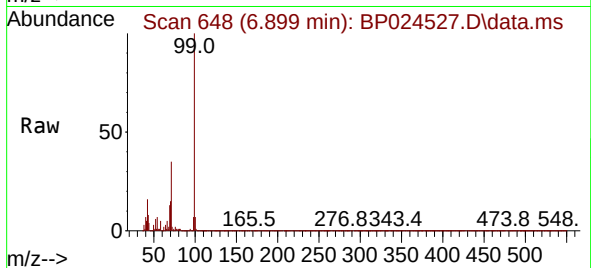
Tgt Ion: 99 Resp: 990396

Ion Ratio Lower Upper

99 100

42 16.4 10.6 16.0#

71 35.0 23.7 35.5



#8

2-Chlorophenol

Concen: 48.910 ng

RT: 7.287 min Scan# 714

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

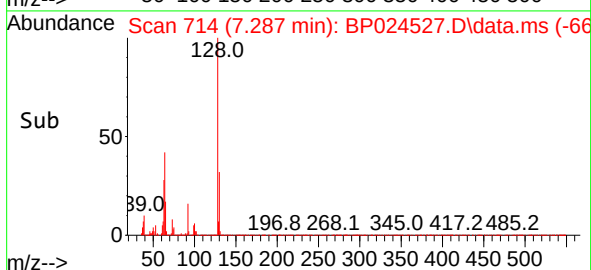
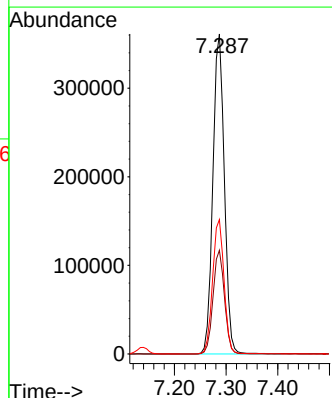
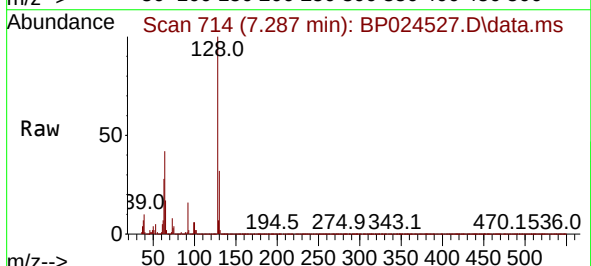
Tgt Ion:128 Resp: 556737

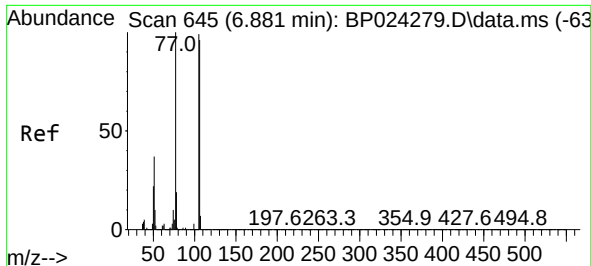
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 42.0 22.7 62.7

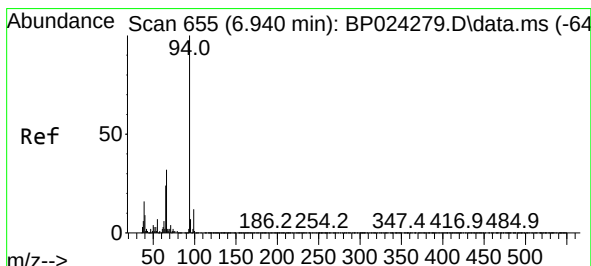
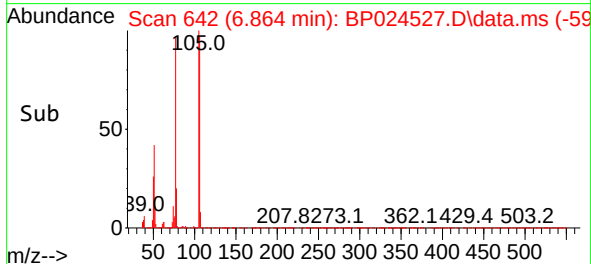
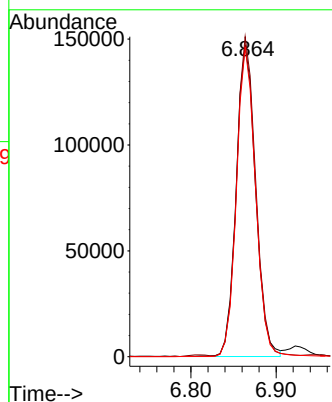
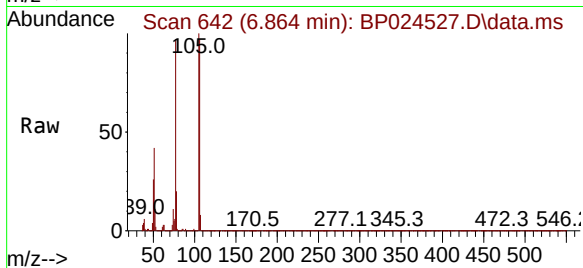




#9
Benzaldehyde
Concen: 33.664 ng
RT: 6.864 min Scan# 645
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

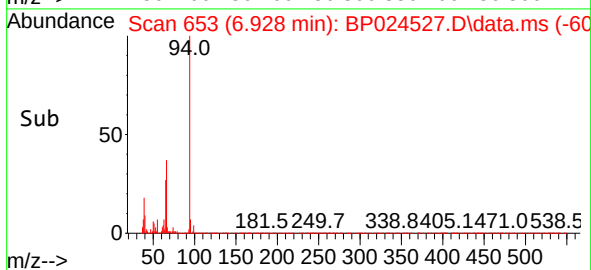
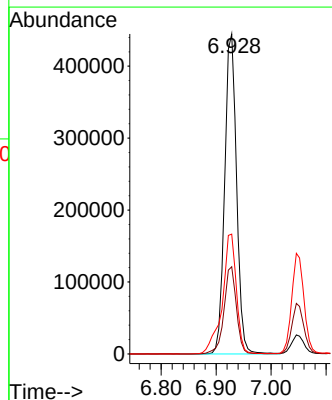
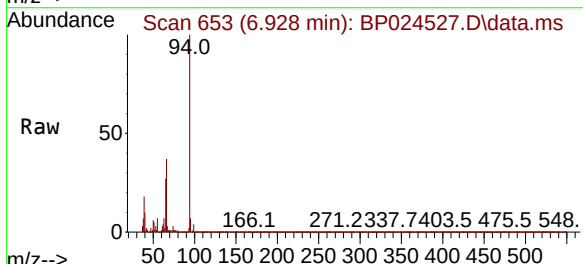
Instrument :
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MH-QMSD

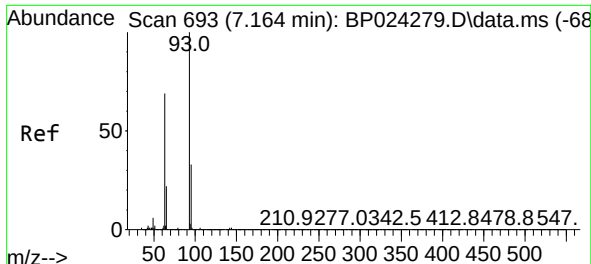
Tgt Ion: 77 Resp: 232472
Ion Ratio Lower Upper
77 100
105 102.7 79.2 119.2
106 99.3 76.2 116.2



#10
Phenol
Concen: 47.644 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 94 Resp: 667215
Ion Ratio Lower Upper
94 100
65 27.2 4.5 44.5
66 37.4 12.4 52.4

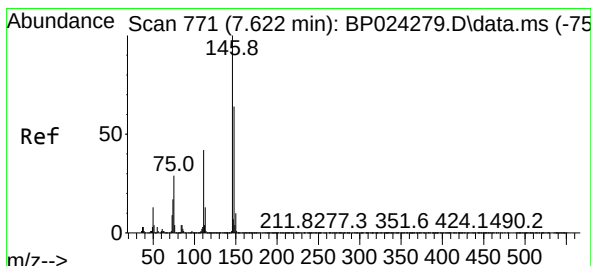
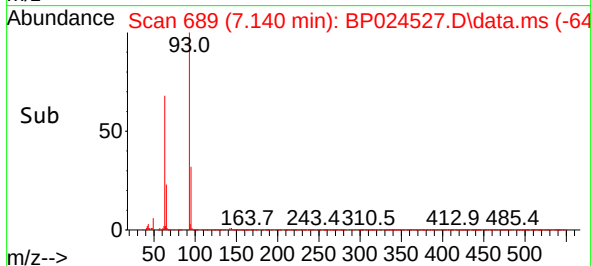
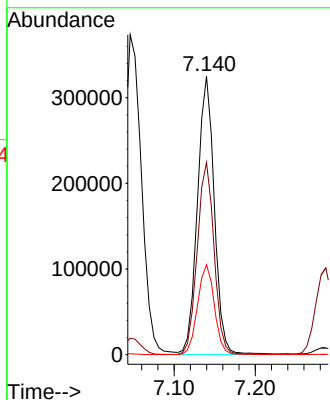
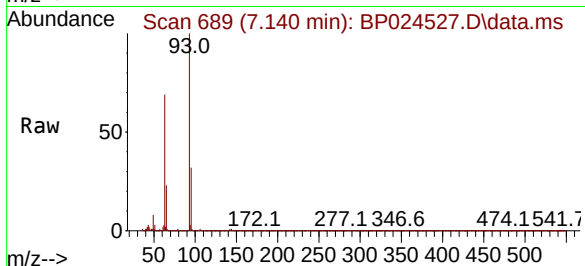




#11
bis(2-Chloroethyl)ether
Concen: 41.524 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

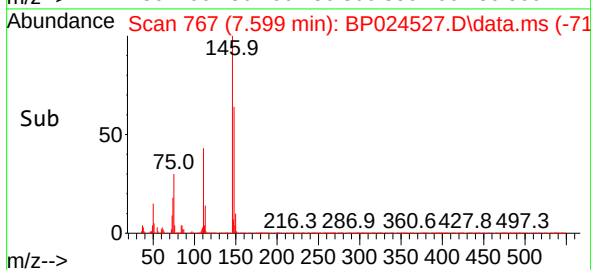
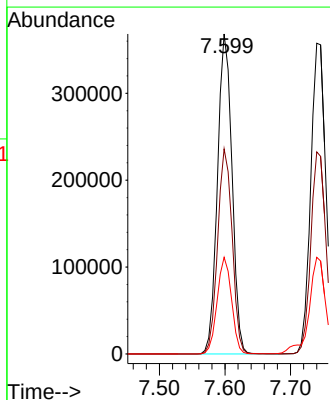
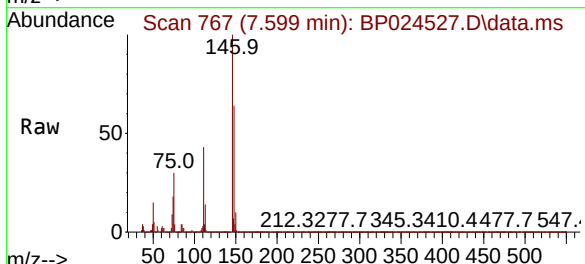
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

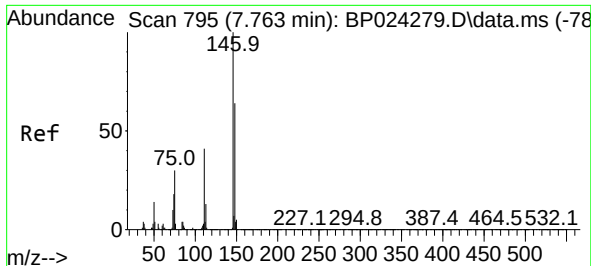
Tgt Ion: 93 Resp: 468525
Ion Ratio Lower Upper
93 100
63 69.1 48.6 88.6
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.999 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 146 Resp: 563691
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
75 30.2 22.9 34.3

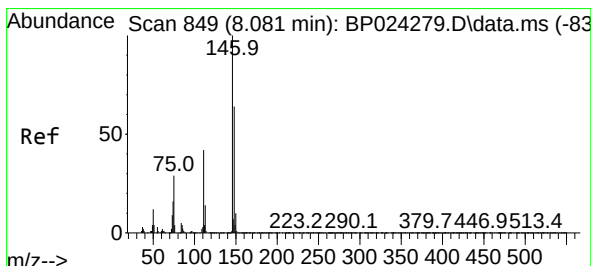
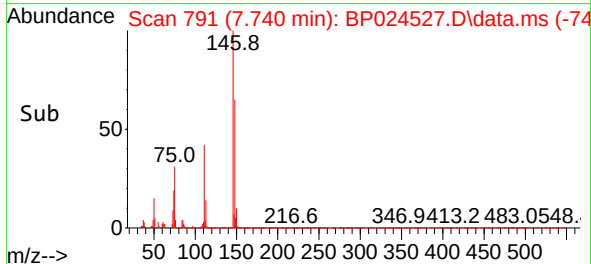
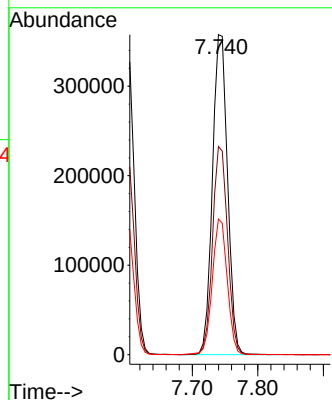
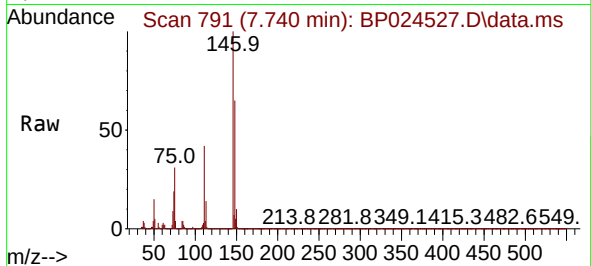




#13
1,4-Dichlorobenzene
Concen: 45.964 ng
RT: 7.740 min Scan# 795
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

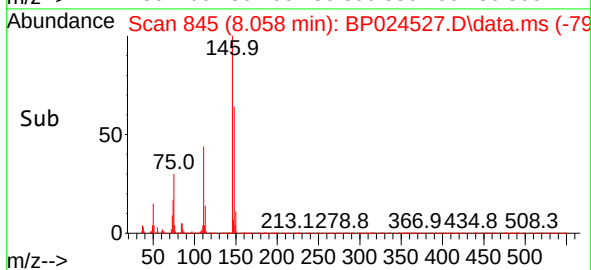
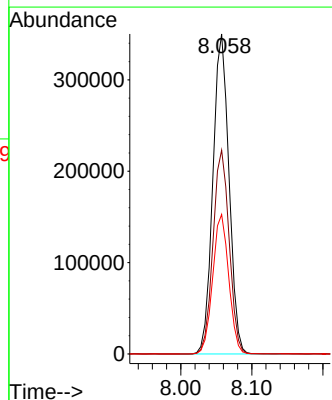
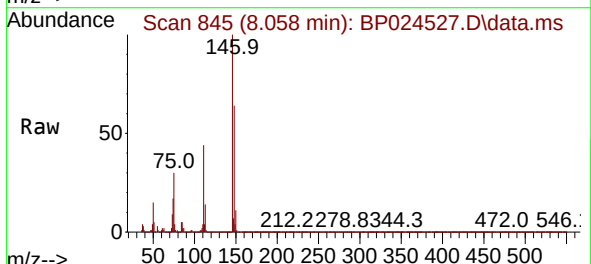
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

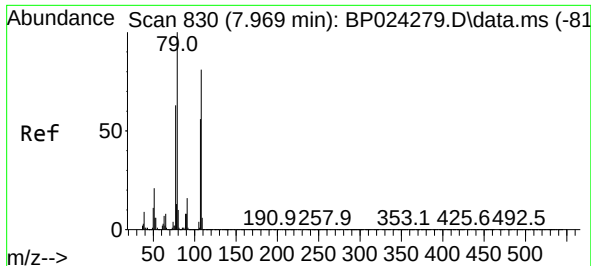
Tgt Ion:146 Resp: 571506
Ion Ratio Lower Upper
146 100
148 65.1 51.1 76.7
111 42.4 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 45.838 ng
RT: 8.058 min Scan# 845
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:146 Resp: 550339
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
111 43.6 33.8 50.8

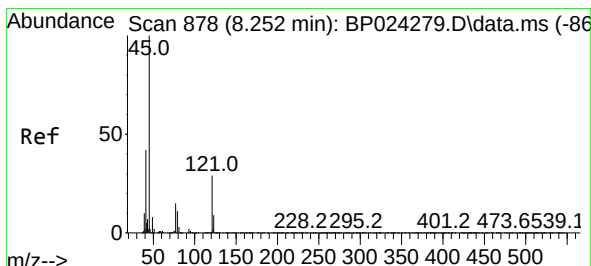
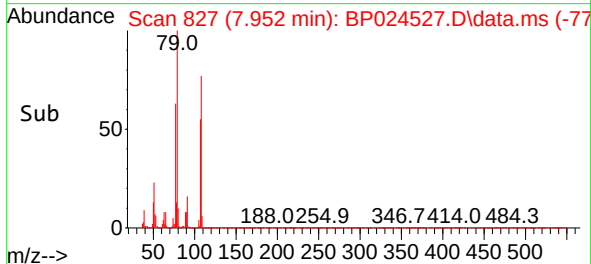
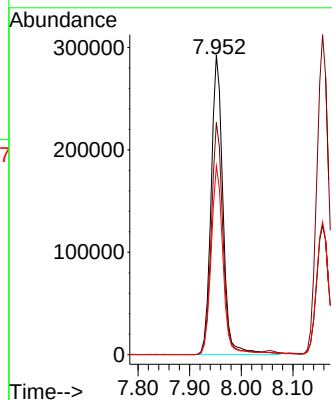
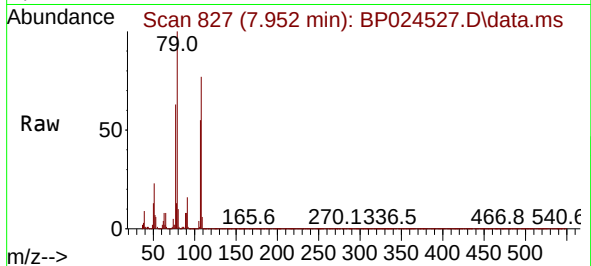




#15
Benzyl Alcohol
Concen: 51.501 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

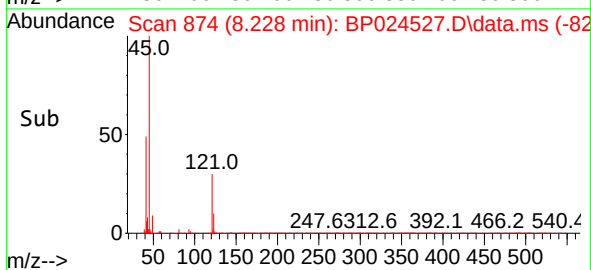
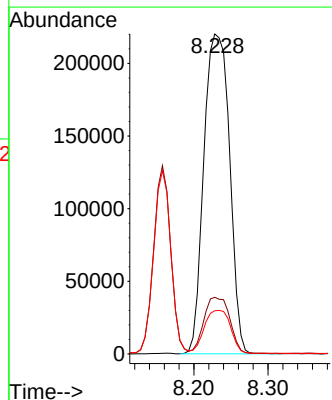
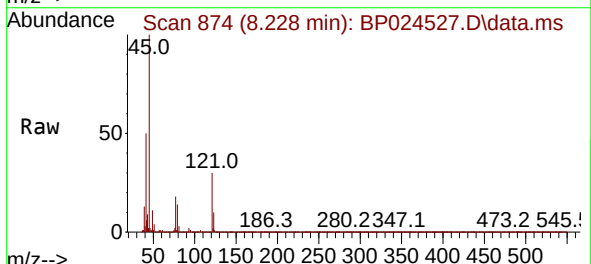
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

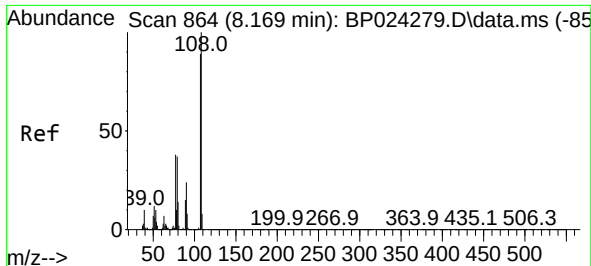
Tgt Ion: 79 Resp: 464953
Ion Ratio Lower Upper
79 100
108 77.4 65.1 97.7
77 62.9 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.545 ng
RT: 8.228 min Scan# 874
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 45 Resp: 531072
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 13.5 0.0 33.5

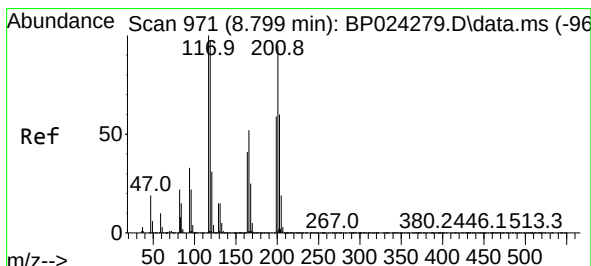
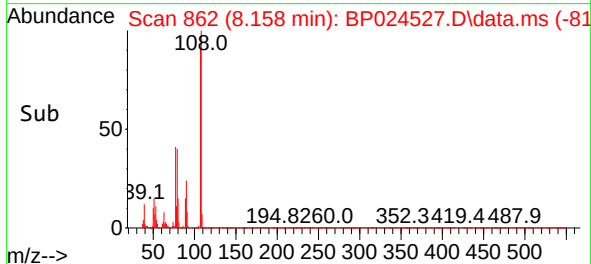
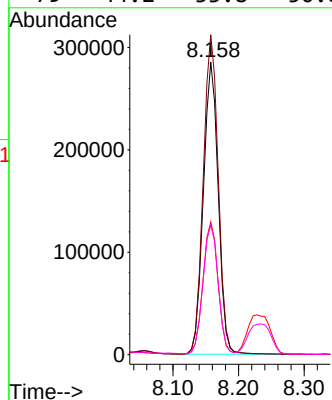
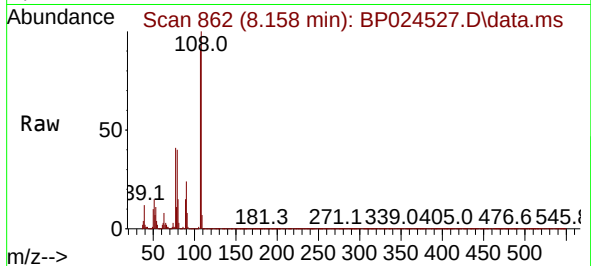




#17
2-Methylphenol
Concen: 49.649 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

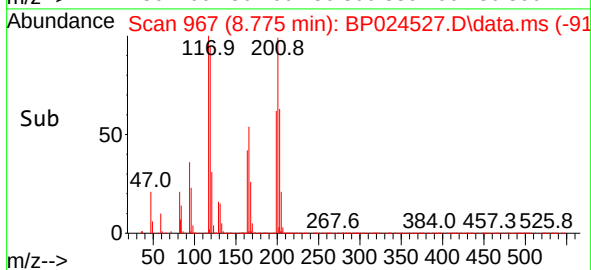
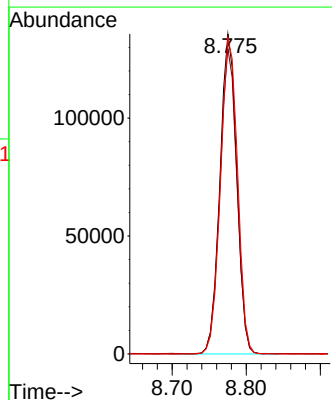
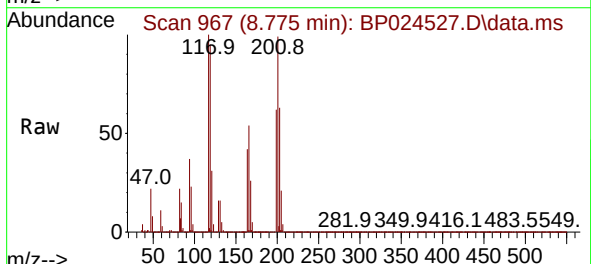
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

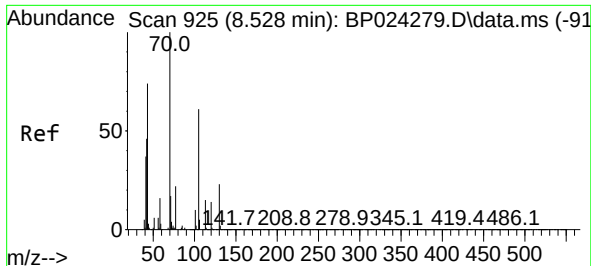
Tgt Ion:	107	Resp:	449787
Ion	Ratio	Lower	Upper
107	100		
108	109.4	89.8	134.6
77	45.4	34.2	51.4
79	44.2	33.8	50.8



#18
Hexachloroethane
Concen: 47.580 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:	117	Resp:	213796
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.8	116.6
201	98.9	75.9	113.9



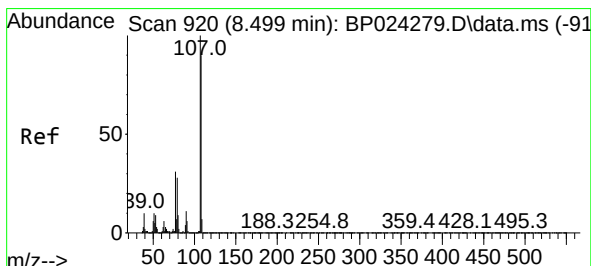
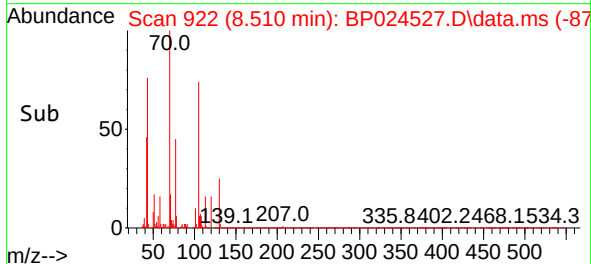
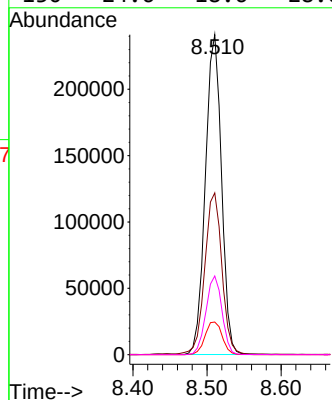
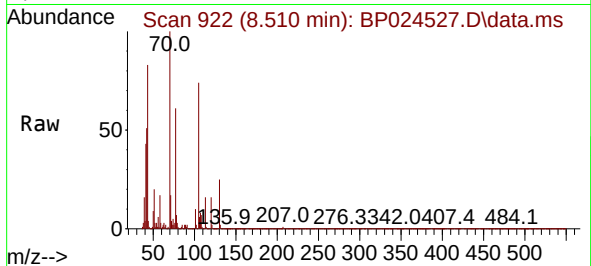


#19
n-Nitroso-di-n-propylamine
Concen: 42.141 ng
RT: 8.510 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Instrument :
BNA_P
ClientSampleId :
MH-QMSD

Tgt Ion: 70 Resp: 363951

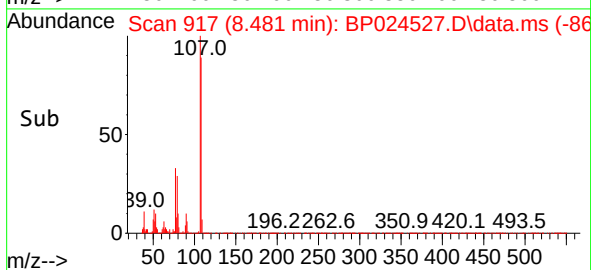
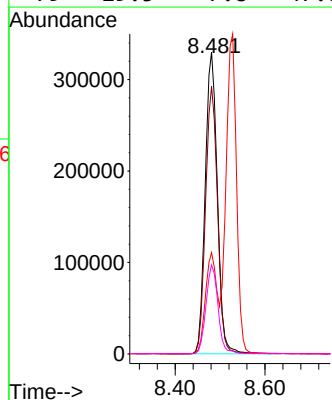
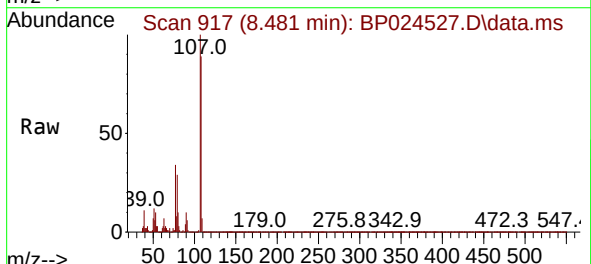
Ion	Ratio	Lower	Upper
70	100		
42	50.6	37.3	55.9
101	10.2	8.2	12.4
130	24.6	18.6	28.0

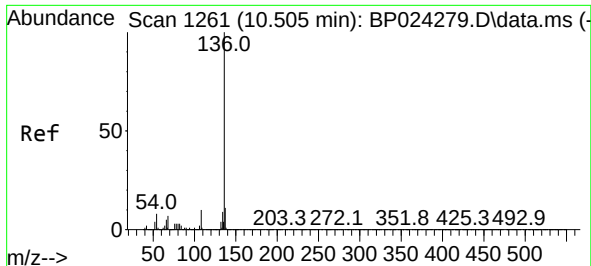


#20
3+4-Methylphenols
Concen: 49.177 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 107 Resp: 618160

Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.8	109.8
77	33.5	11.5	51.5
79	29.5	7.8	47.8

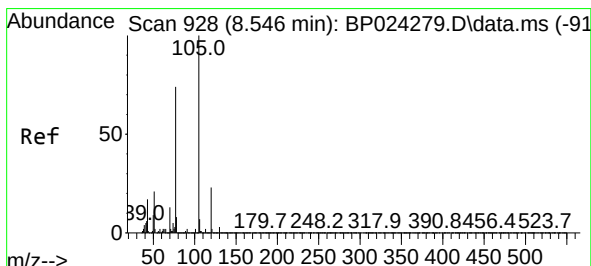
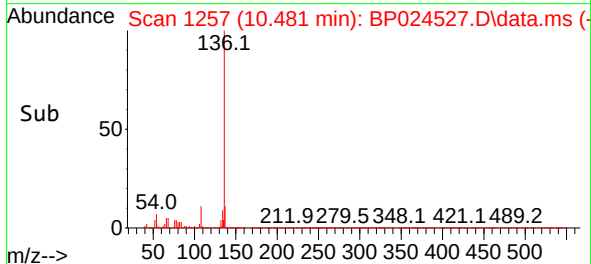
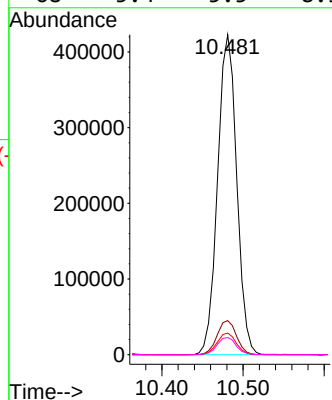
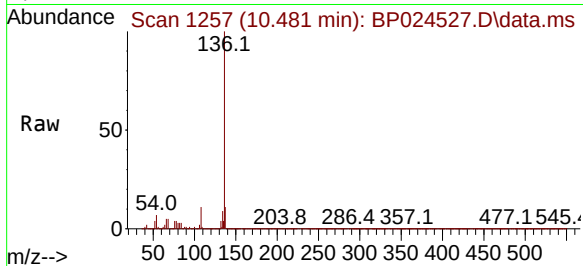




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

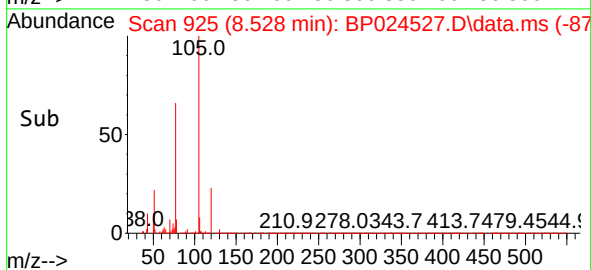
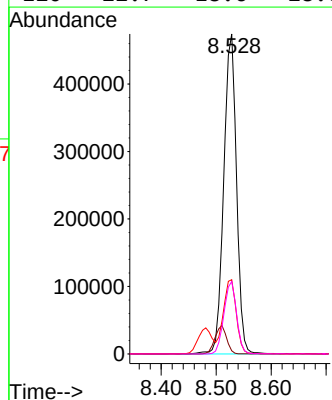
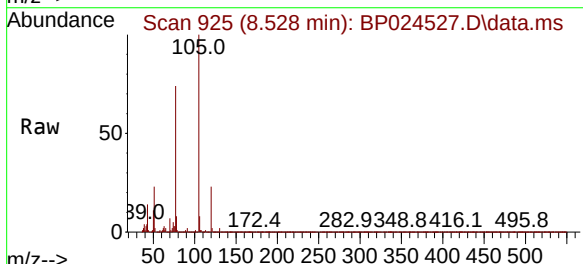
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

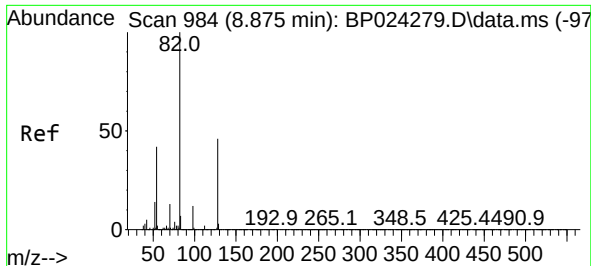
Tgt Ion:	136	Resp:	692933
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.8	6.0	9.0
68	5.4	5.5	8.3



#22
Acetophenone
Concen: 44.517 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:	105	Resp:	763485
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.7	2.5
51	23.2	16.9	25.3
120	22.7	18.6	28.0

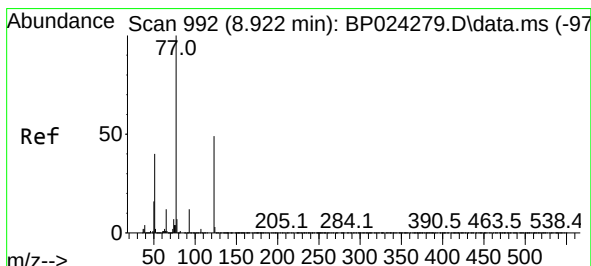
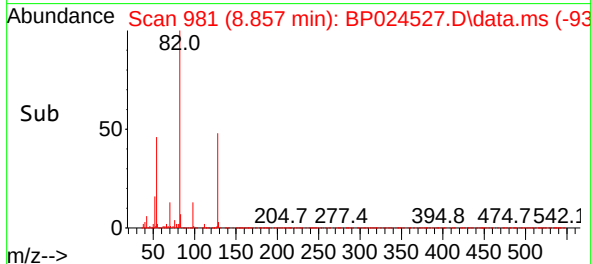
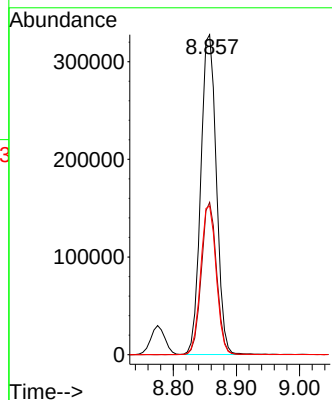
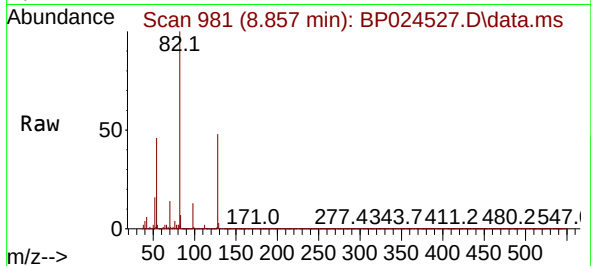




#23
Nitrobenzene-d5
Concen: 46.109 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

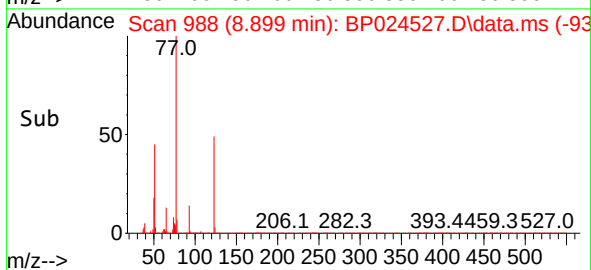
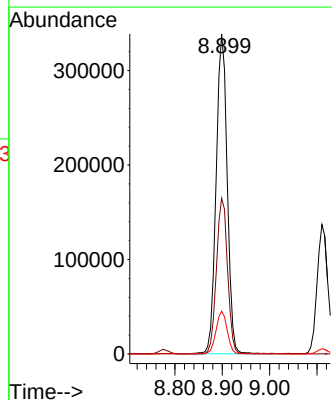
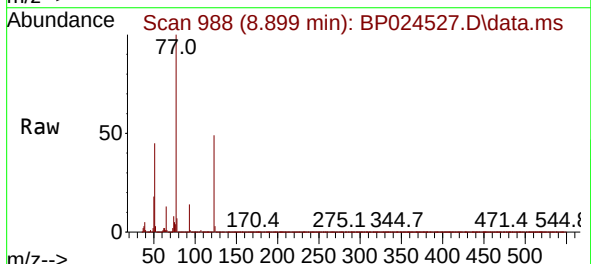
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

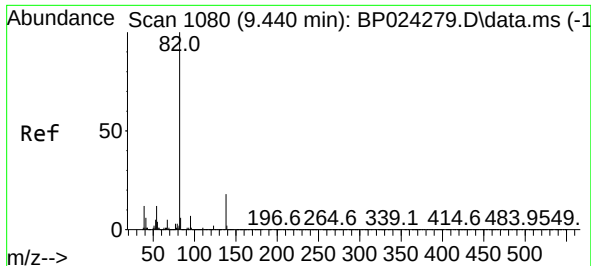
Tgt Ion: 82 Resp: 560332
Ion Ratio Lower Upper
82 100
128 47.6 36.5 54.7
54 46.5 33.4 50.2



#24
Nitrobenzene
Concen: 45.775 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 77 Resp: 550294
Ion Ratio Lower Upper
77 100
123 48.7 39.2 58.8
65 13.4 9.8 14.6

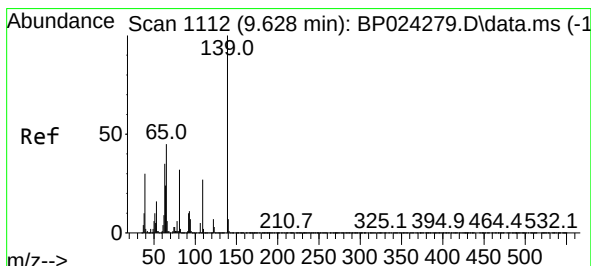
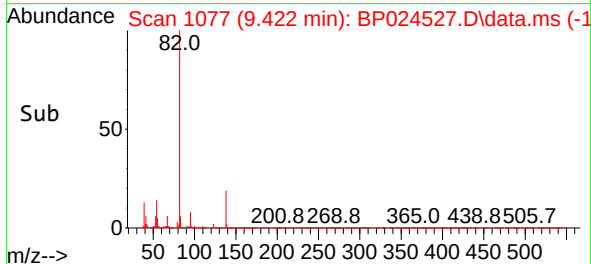
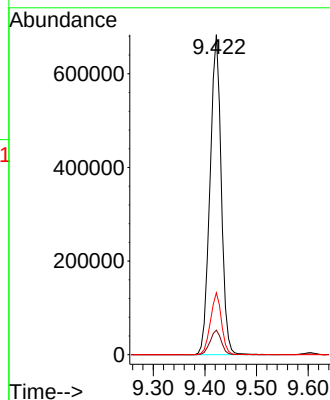
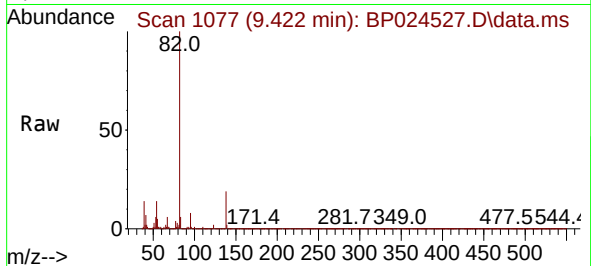




#25
Isophorone
Concen: 46.760 ng
RT: 9.422 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

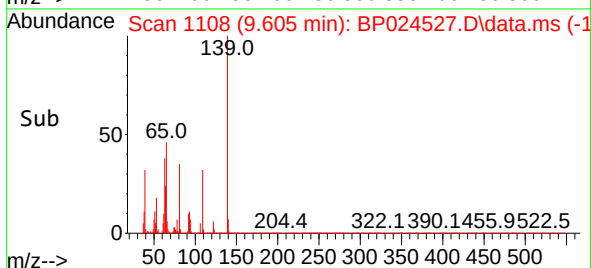
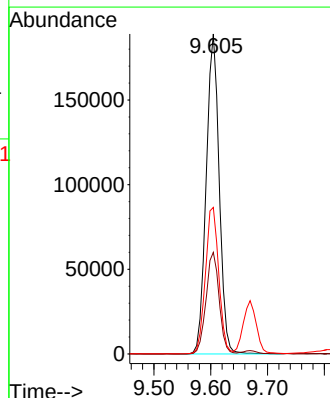
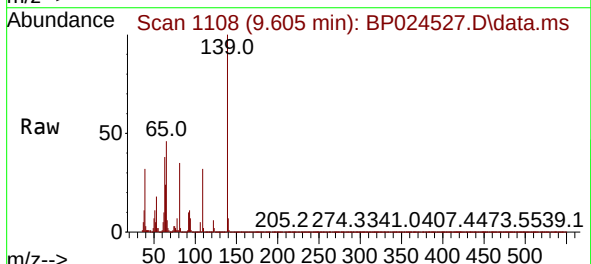
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

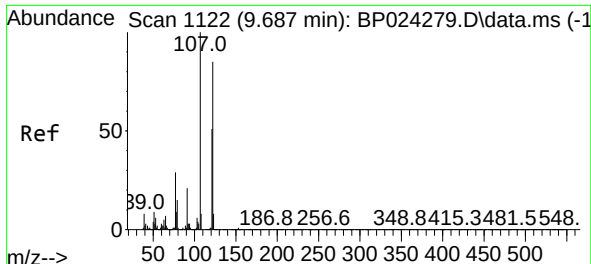
Tgt Ion: 82 Resp: 1028546
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.2
138 19.4 14.4 21.6



#26
2-Nitrophenol
Concen: 50.941 ng
RT: 9.605 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 139 Resp: 299689
Ion Ratio Lower Upper
139 100
109 31.8 21.8 32.6
65 45.8 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 67.665 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

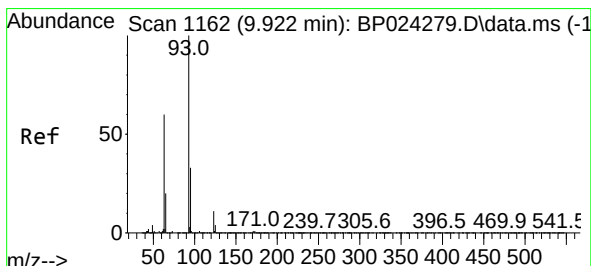
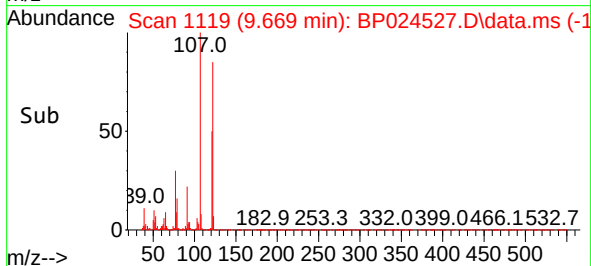
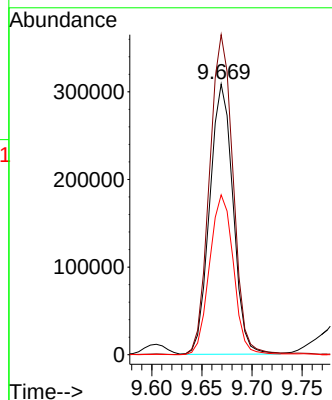
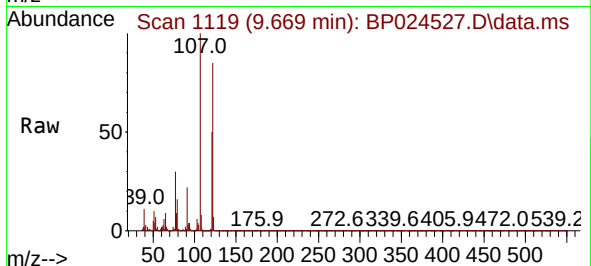
Tgt Ion:122 Resp: 499838

Ion Ratio Lower Upper

122 100

107 118.3 93.7 140.5

121 59.1 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.364 ng

RT: 9.899 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

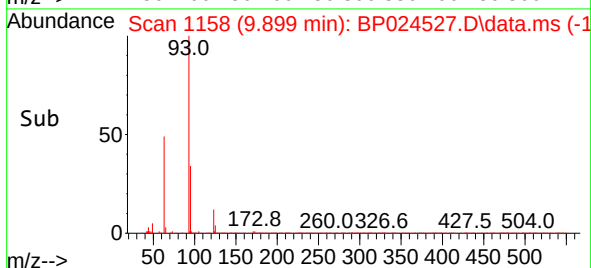
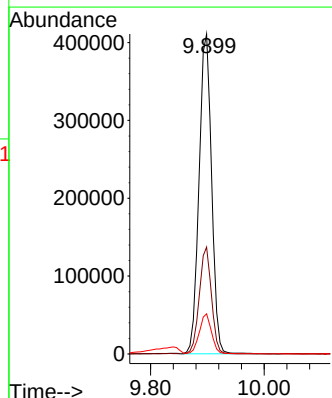
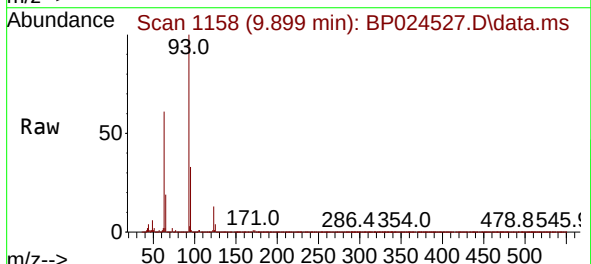
Tgt Ion: 93 Resp: 629499

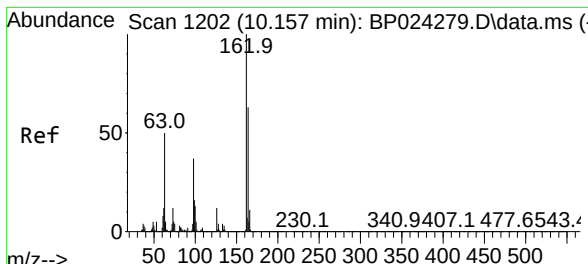
Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

123 12.6 9.1 13.7

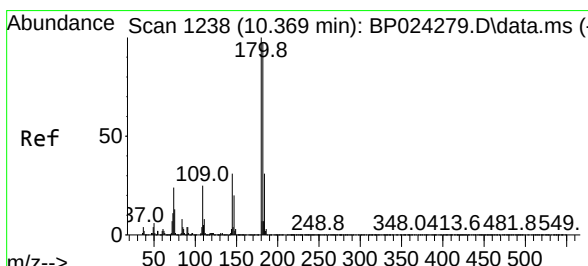
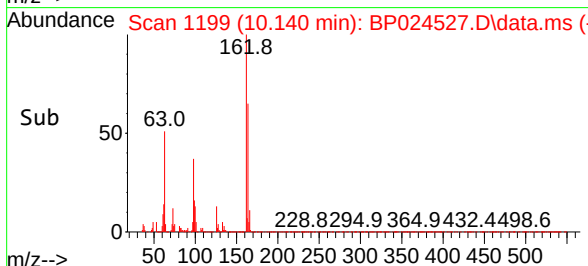
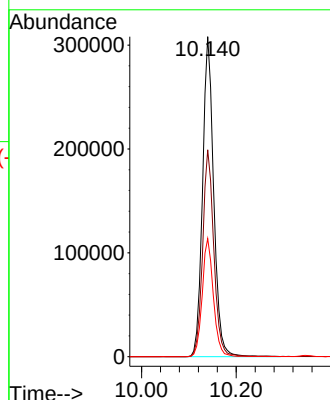
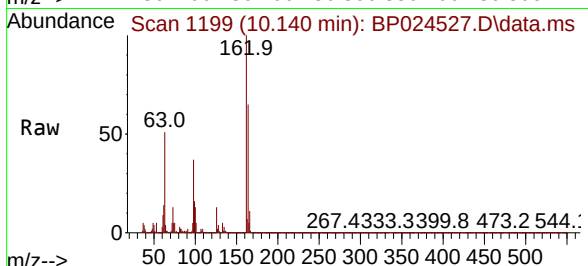




#29
2,4-Dichlorophenol
Concen: 50.114 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

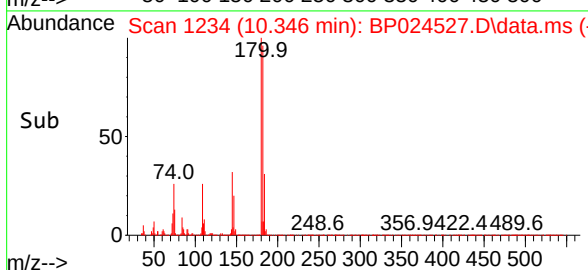
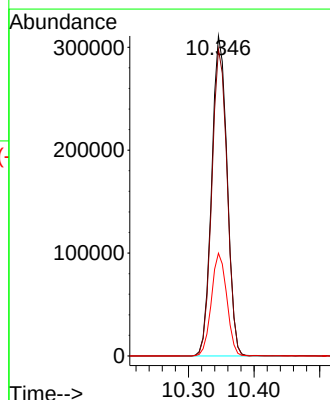
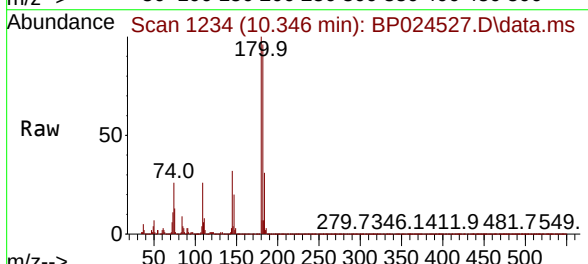
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

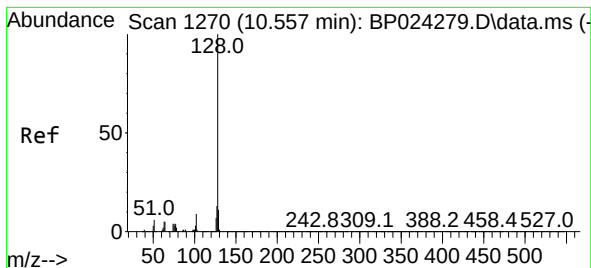
Tgt Ion:162 Resp: 504750
Ion Ratio Lower Upper
162 100
164 64.6 43.3 83.3
98 36.9 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 47.077 ng
RT: 10.346 min Scan# 1234
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:180 Resp: 508027
Ion Ratio Lower Upper
180 100
182 95.9 77.3 115.9
145 32.1 25.1 37.7

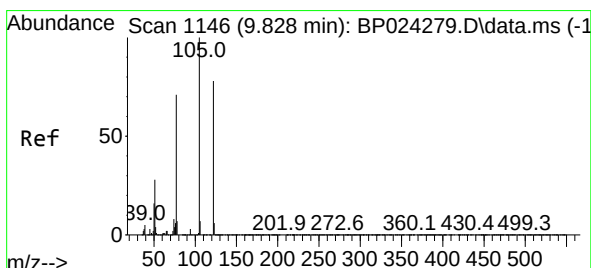
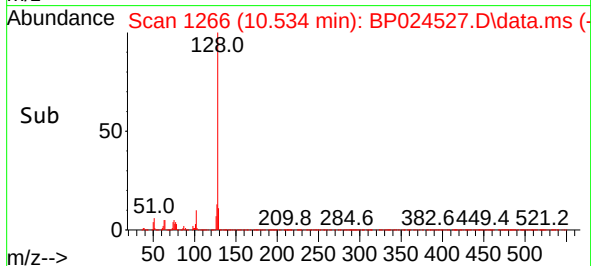
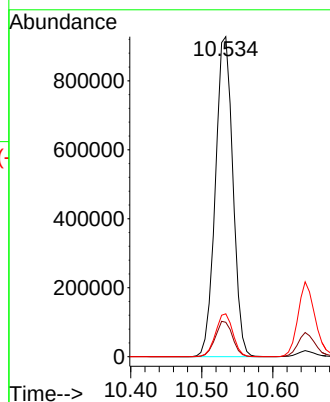
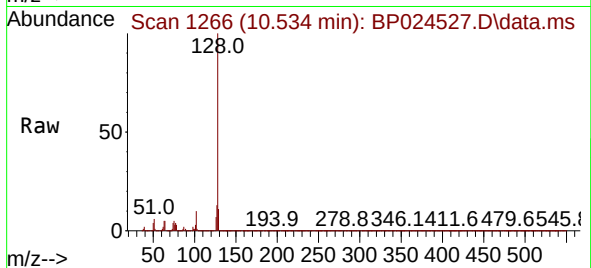




#31
Naphthalene
Concen: 43.275 ng
RT: 10.534 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

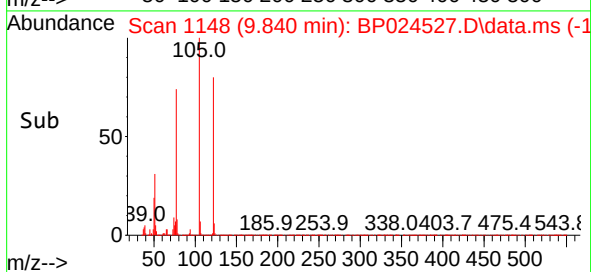
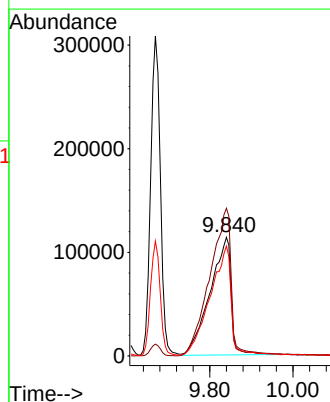
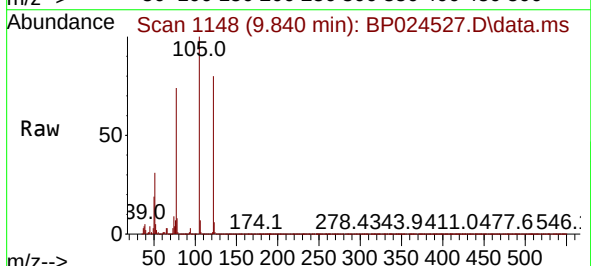
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

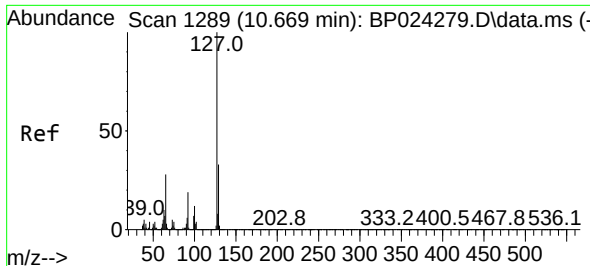
Tgt Ion:128 Resp: 1579601
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 46.494 ng
RT: 9.840 min Scan# 1148
Delta R.T. 0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:122 Resp: 400197
Ion Ratio Lower Upper
122 100
105 124.4 104.8 144.8
77 92.6 69.2 109.2

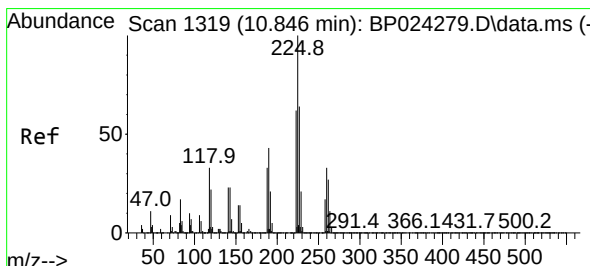
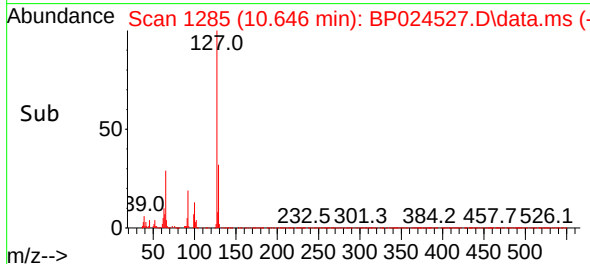
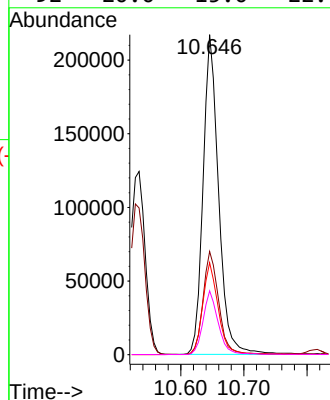
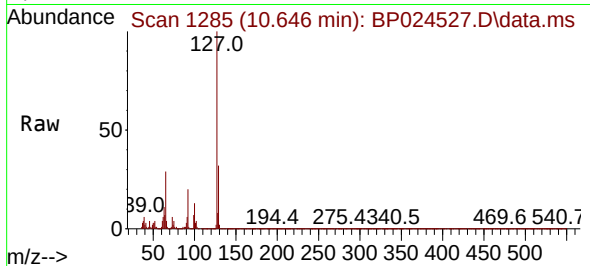




#33
4-Chloroaniline
Concen: 28.820 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

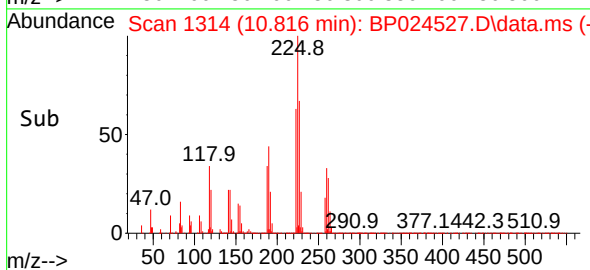
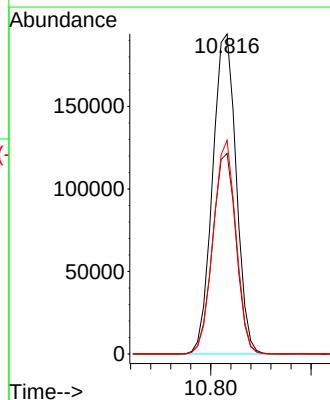
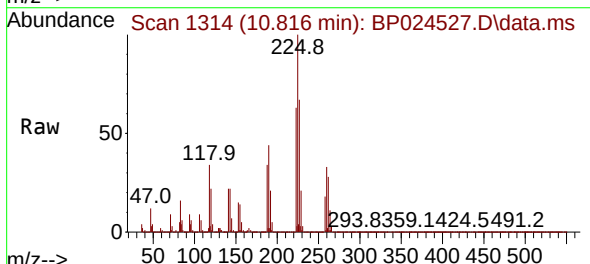
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

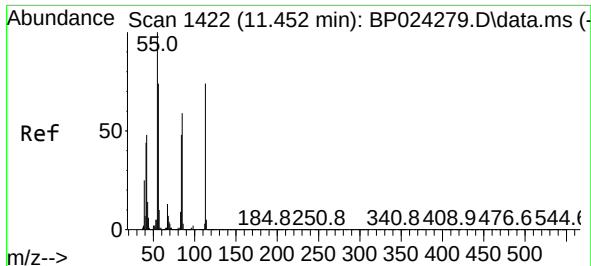
Tgt Ion:	127	Resp:	370457
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	28.8	22.1	33.1
92	20.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 49.965 ng
RT: 10.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:	225	Resp:	316845
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.5	74.3
227	66.8	50.9	76.3

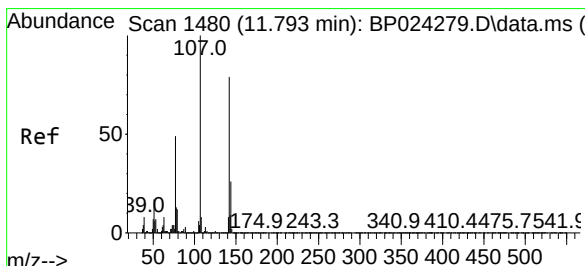
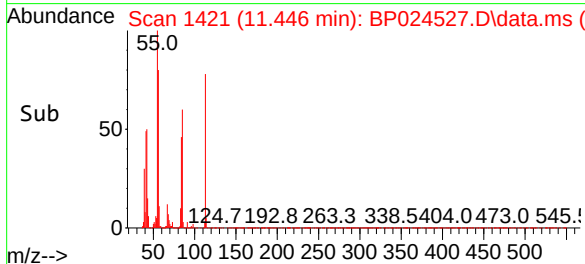
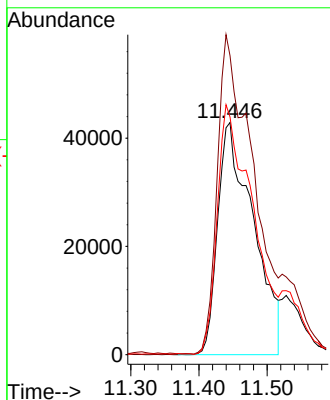
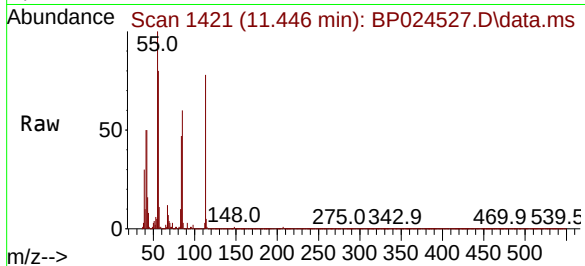




#35
Caprolactam
Concen: 41.670 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

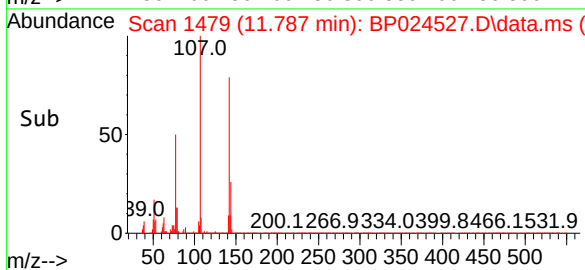
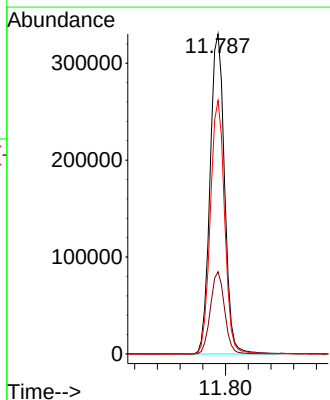
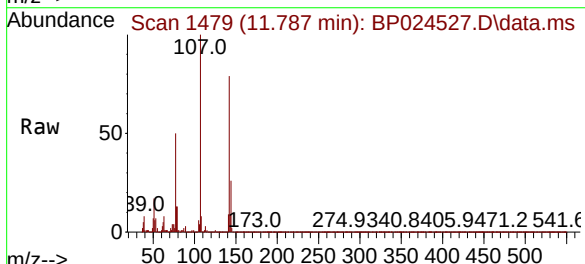
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

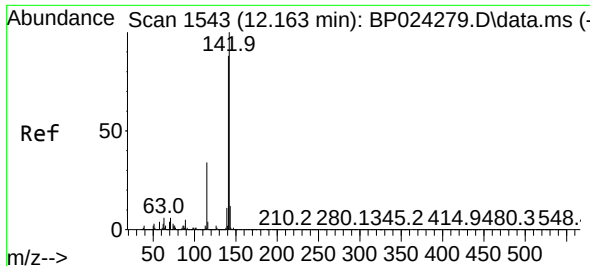
Tgt Ion:113 Resp: 154861
Ion Ratio Lower Upper
113 100
55 128.7 115.9 155.9
56 102.3 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 49.501 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:107 Resp: 580722
Ion Ratio Lower Upper
107 100
144 25.7 20.5 30.7
142 79.2 63.4 95.2

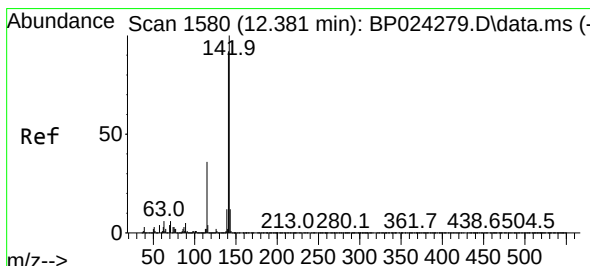
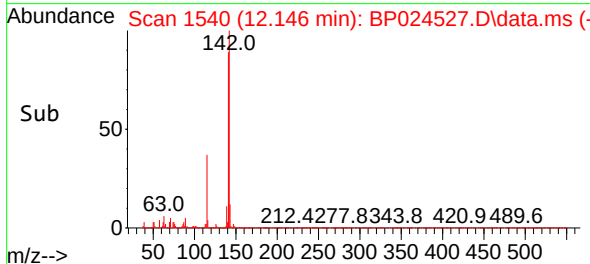
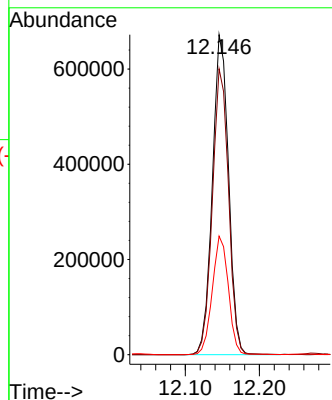
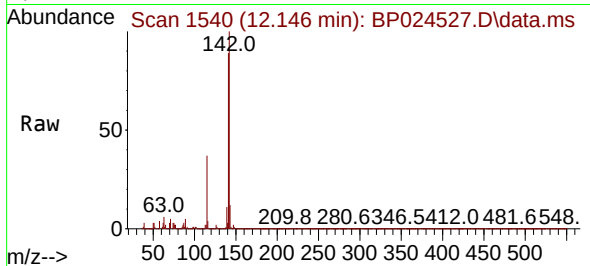




#37
2-Methylnaphthalene
Concen: 40.159 ng
RT: 12.146 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

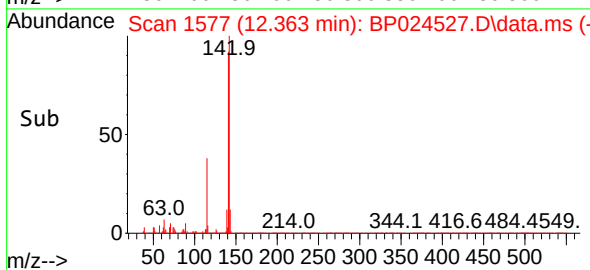
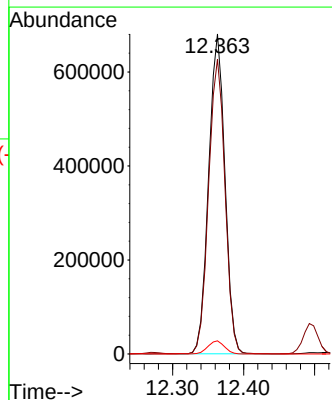
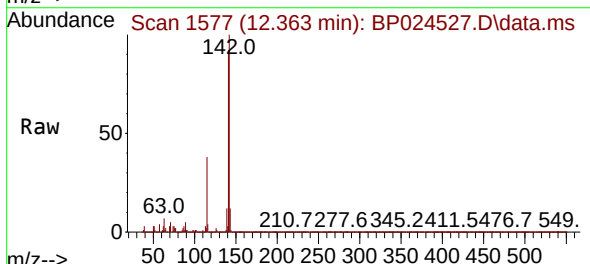
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

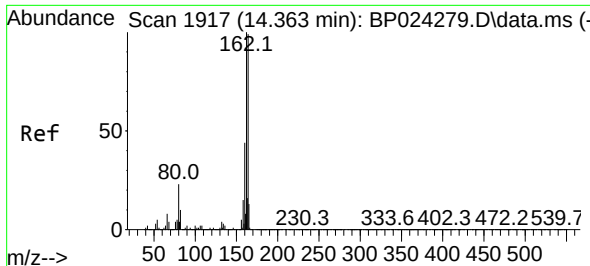
Tgt Ion:142 Resp: 1016584
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 37.1 26.9 40.3



#38
1-Methylnaphthalene
Concen: 43.758 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:142 Resp: 1083639
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4
116 4.1 3.0 4.6

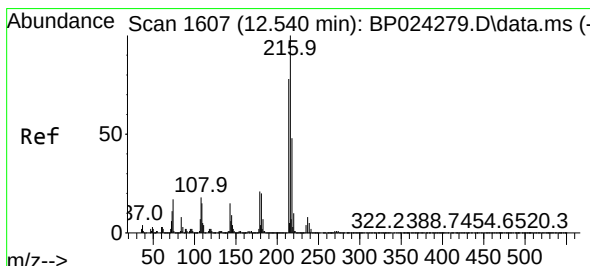
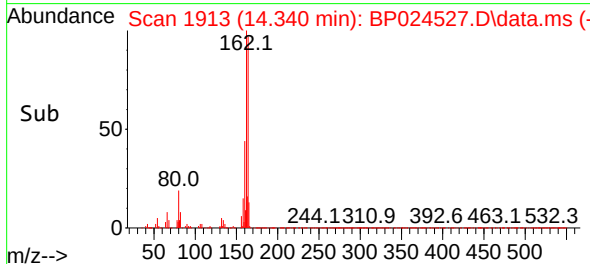
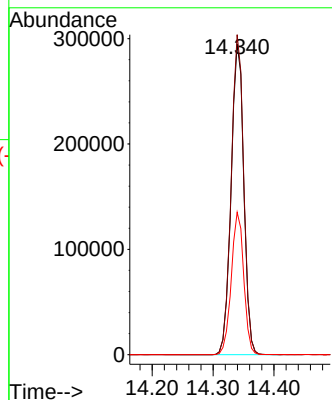
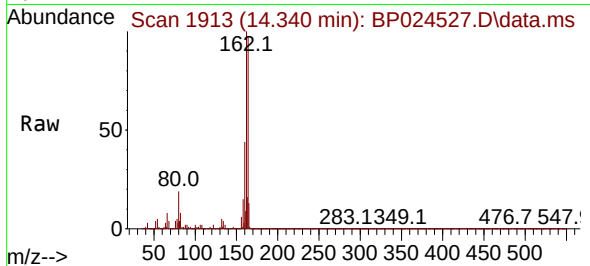




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

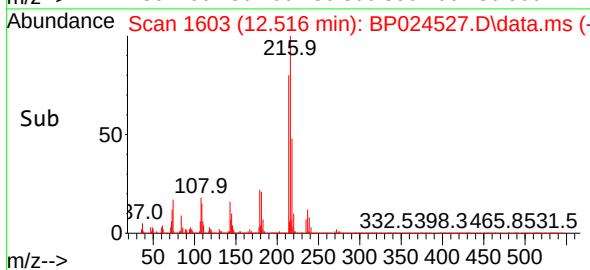
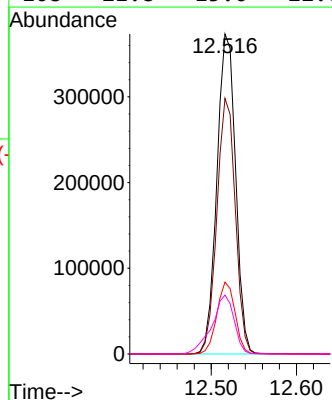
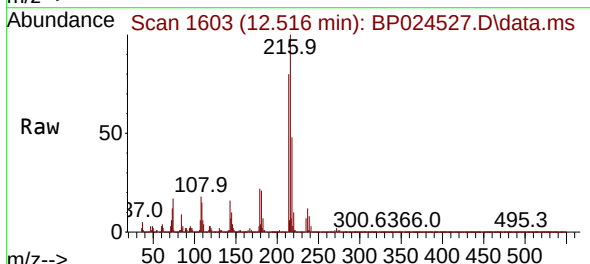
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

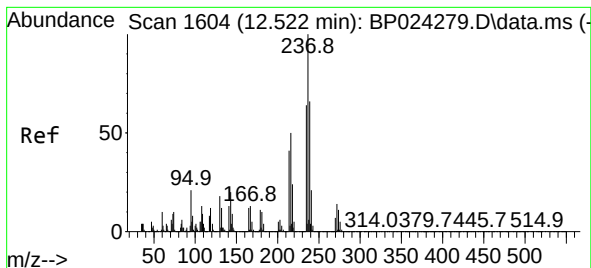
Tgt Ion:164 Resp: 426013
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 45.8 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.603 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:216 Resp: 569400
Ion Ratio Lower Upper
216 100
214 78.8 62.6 93.8
179 21.9 17.2 25.8
108 21.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 188.118 ng

RT: 12.498 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

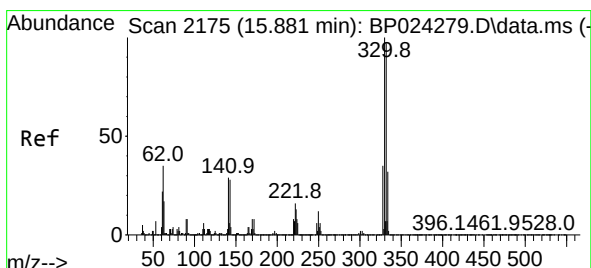
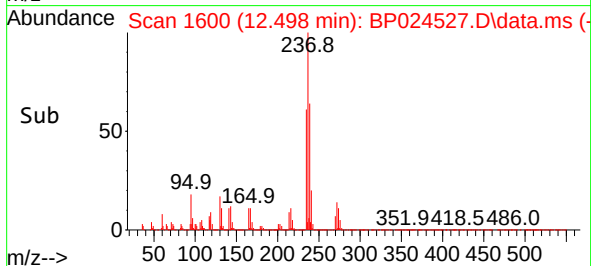
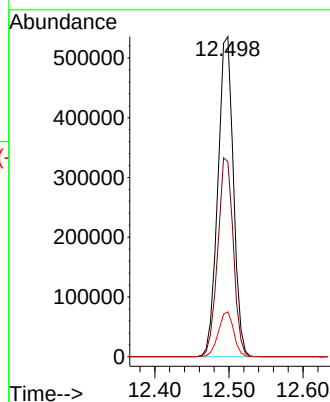
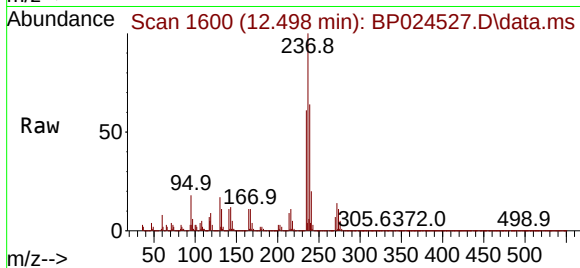
Tgt Ion:237 Resp: 779453

Ion Ratio Lower Upper

237 100

235 60.9 43.9 83.9

272 14.0 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 89.372 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

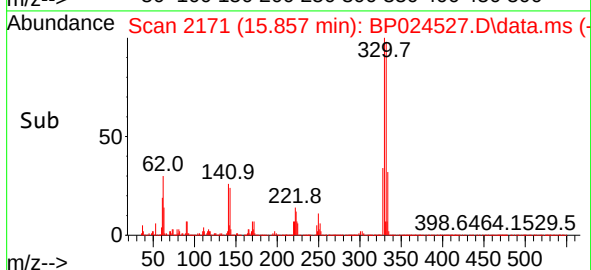
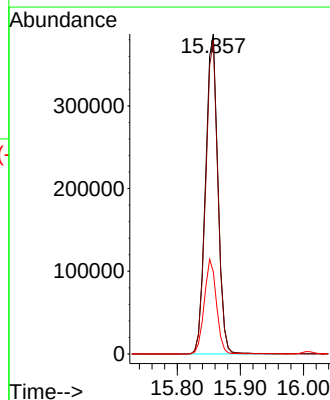
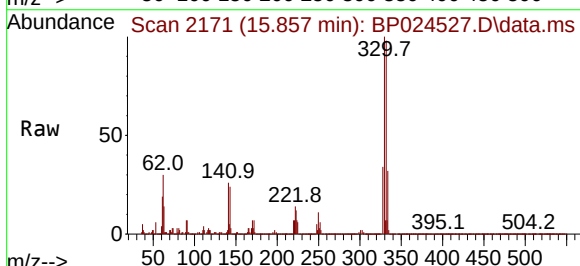
Tgt Ion:330 Resp: 526767

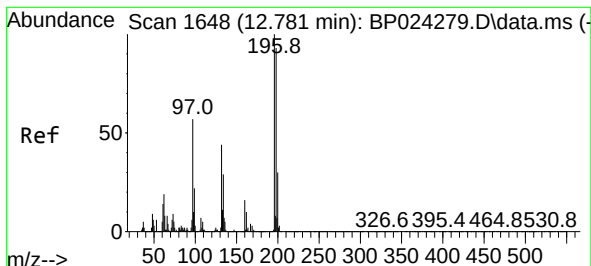
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 29.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 53.228 ng

RT: 12.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

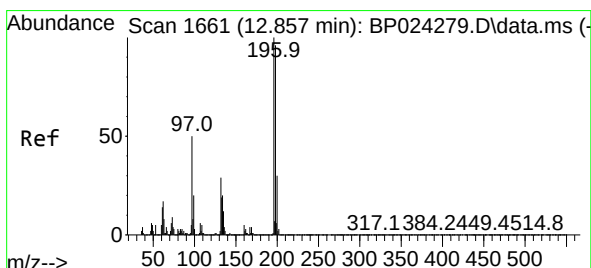
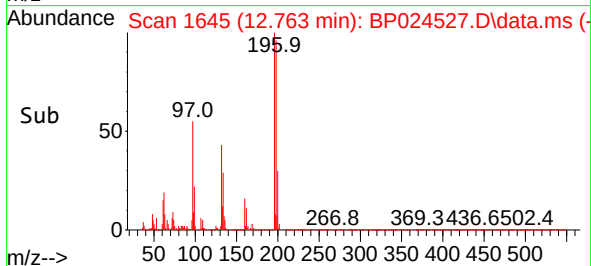
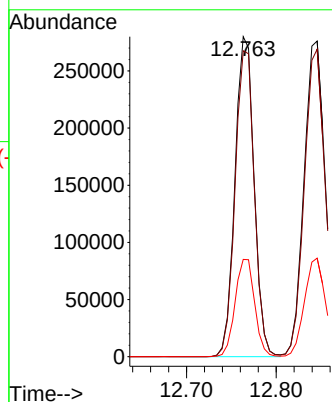
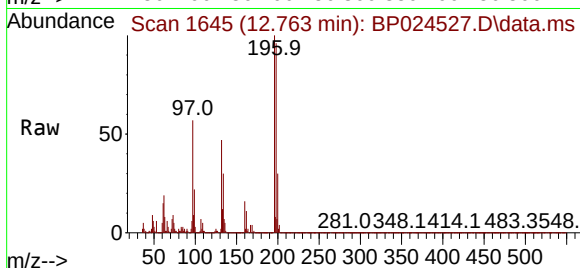
Tgt Ion:196 Resp: 414596

Ion Ratio Lower Upper

196 100

198 95.6 74.3 111.5

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 53.004 ng

RT: 12.846 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Tgt Ion:196 Resp: 457182

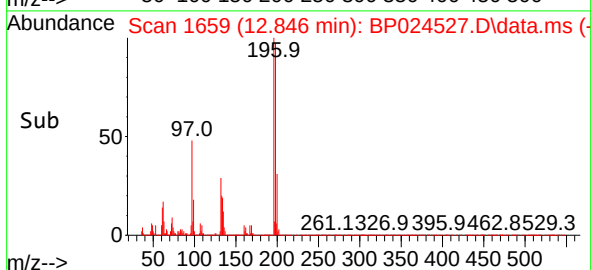
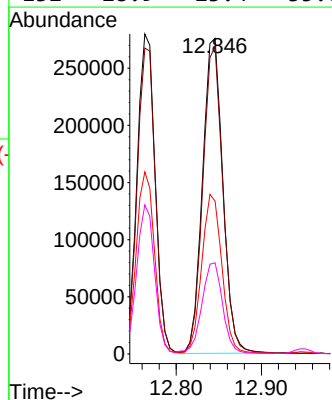
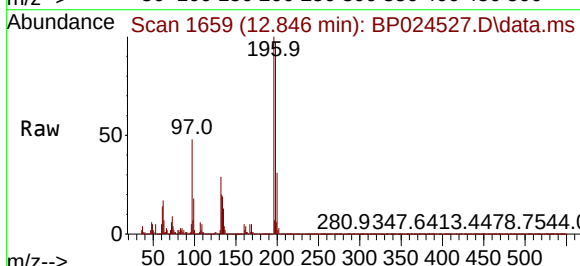
Ion Ratio Lower Upper

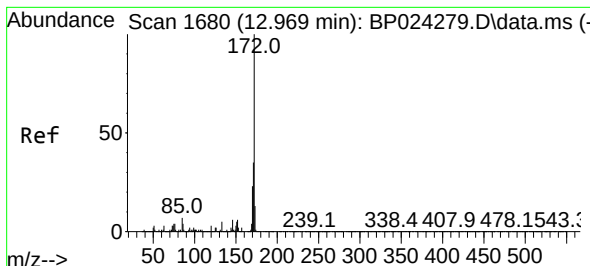
196 100

198 97.4 77.3 115.9

97 48.5 40.4 60.6

132 28.9 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 42.225 ng

RT: 12.946 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

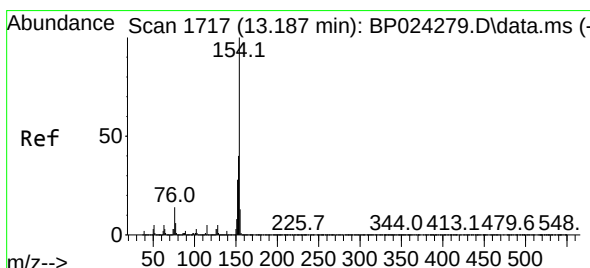
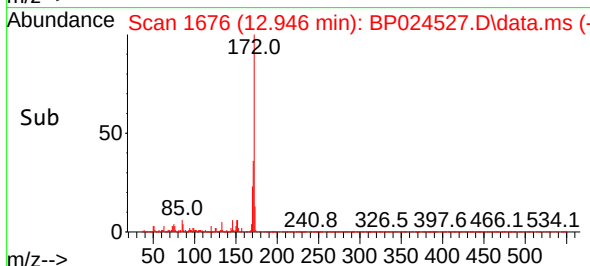
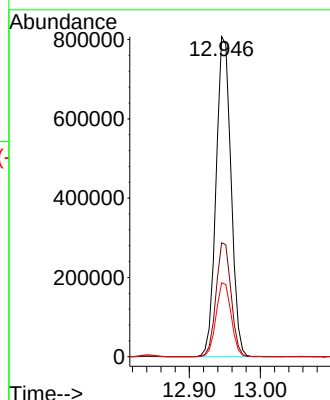
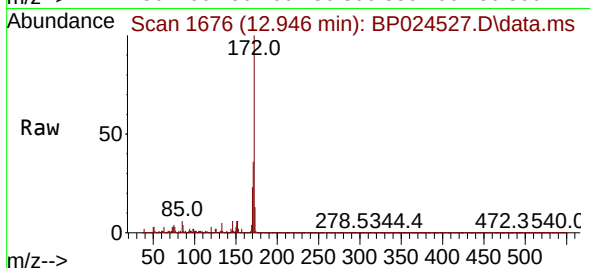
Tgt Ion:172 Resp: 1174863

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 46.264 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

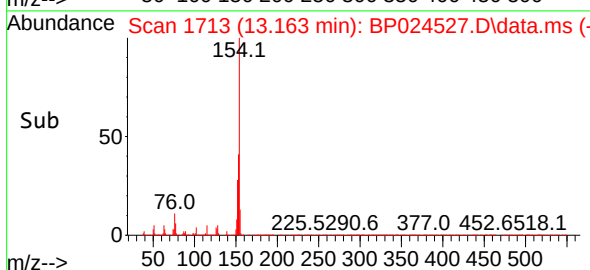
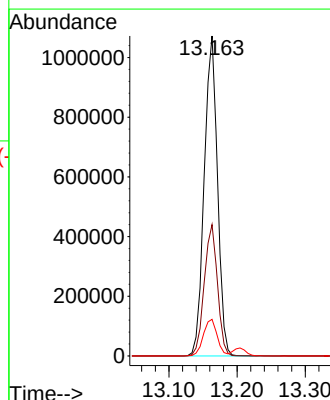
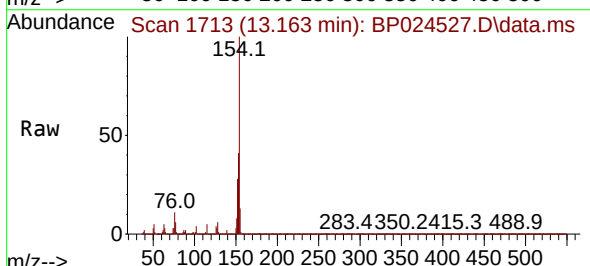
Tgt Ion:154 Resp: 1448709

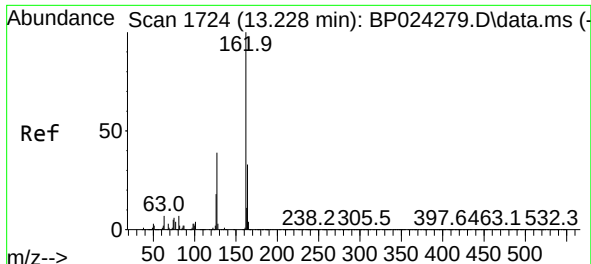
Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

76 11.4 0.0 33.5

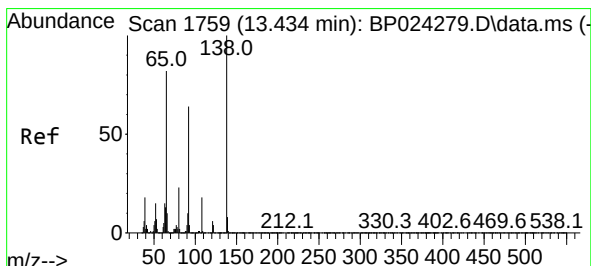
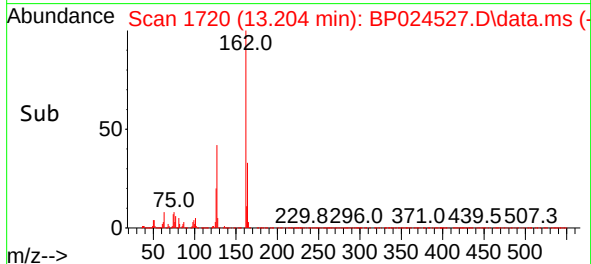
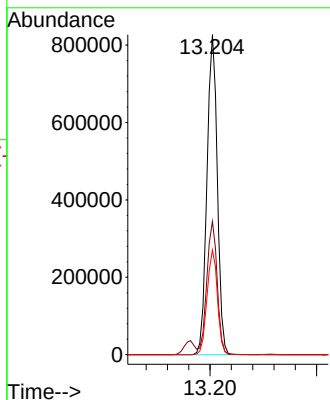
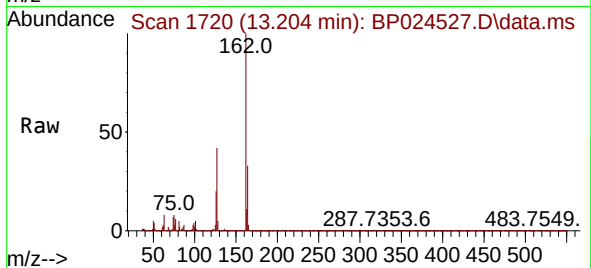




#47
2-Chloronaphthalene
Concen: 47.556 ng
RT: 13.204 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

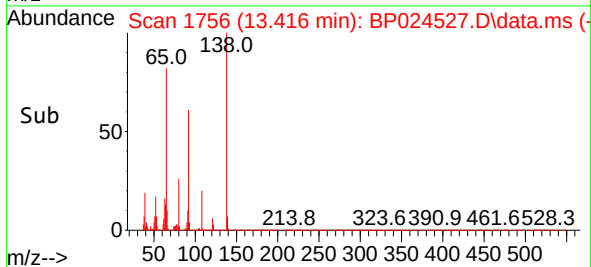
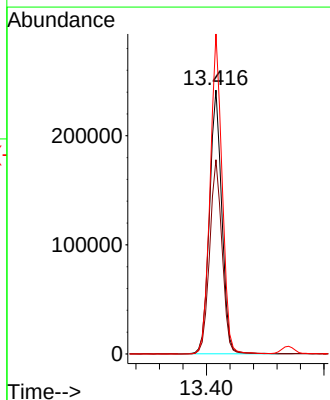
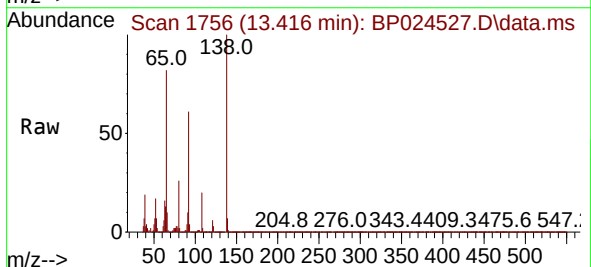
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

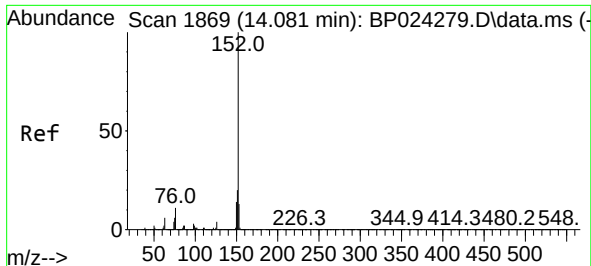
Tgt Ion:162 Resp: 1112999
Ion Ratio Lower Upper
162 100
127 41.7 31.9 47.9
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 53.828 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 65 Resp: 353376
Ion Ratio Lower Upper
65 100
92 73.6 62.3 93.5
138 121.3 97.2 145.8

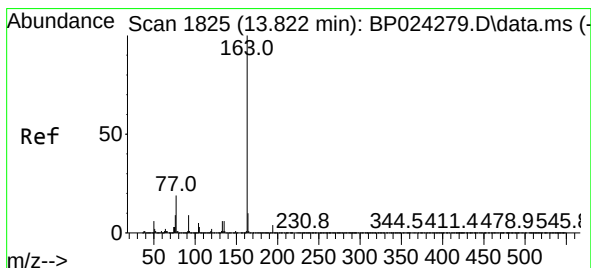
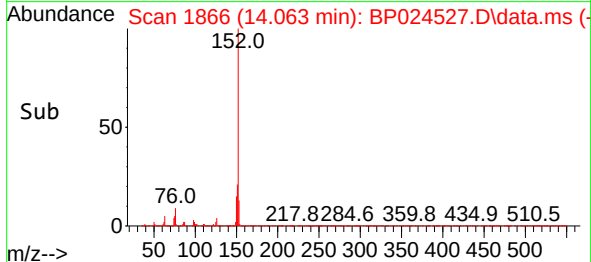
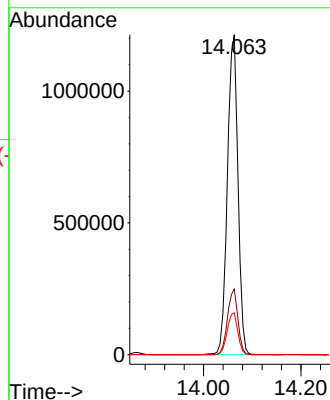
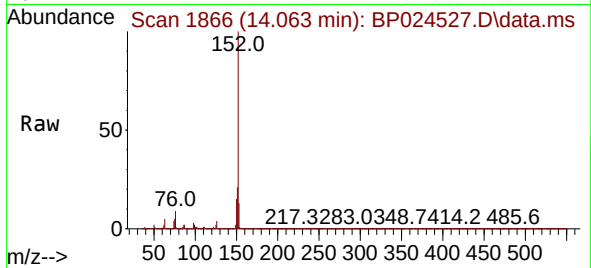




#49
Acenaphthylene
Concen: 49.765 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

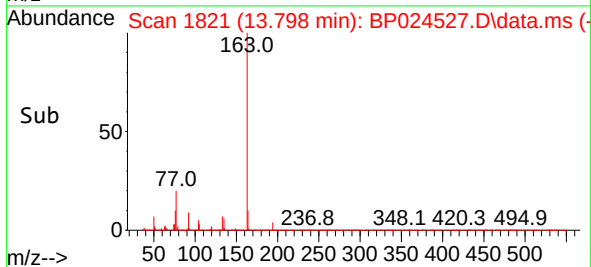
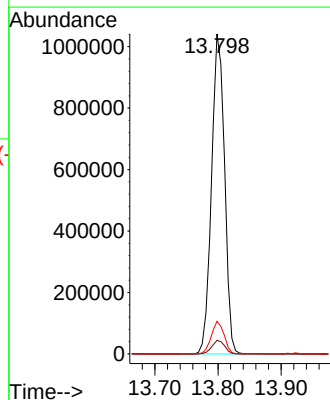
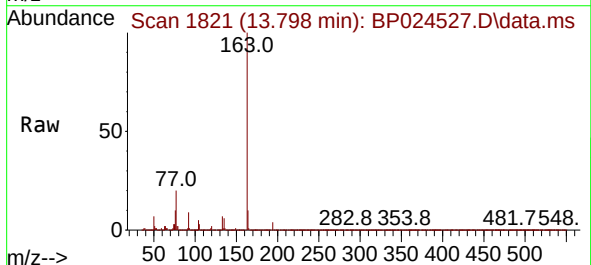
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

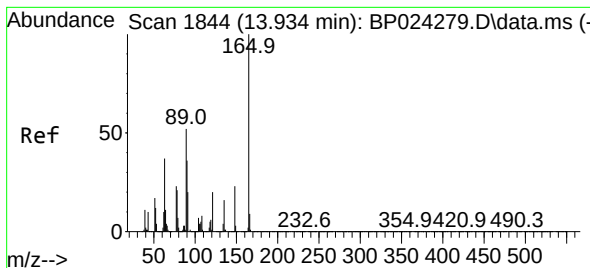
Tgt Ion:152 Resp: 1833713
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 48.096 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:163 Resp: 1490029
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.0 12.0

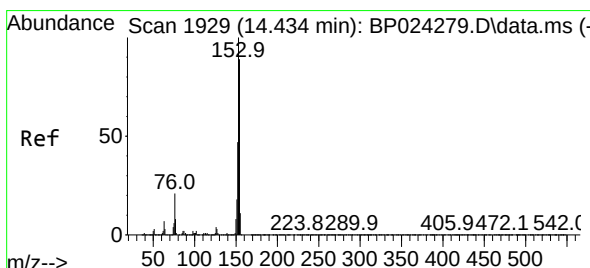
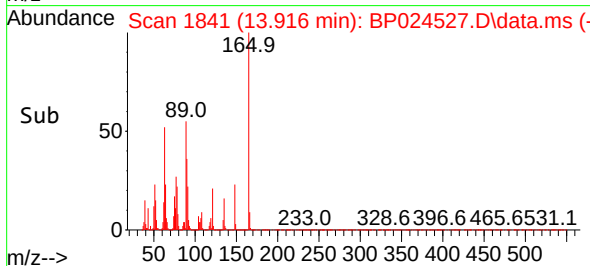
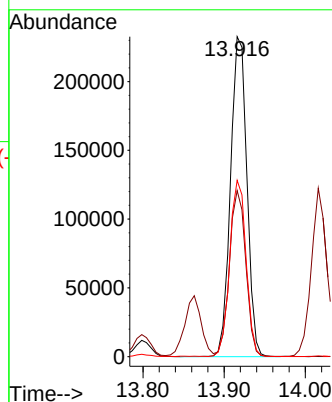
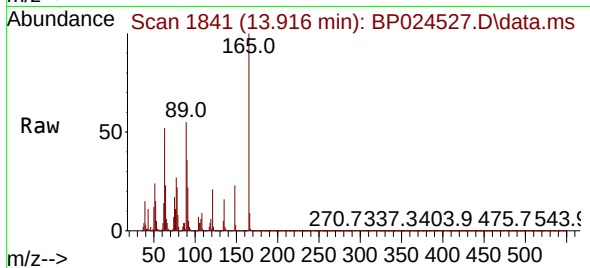




#51
2,6-Dinitrotoluene
Concen: 49.406 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

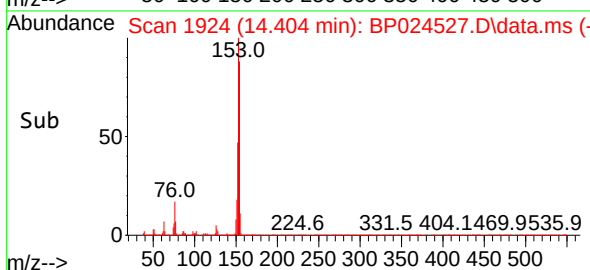
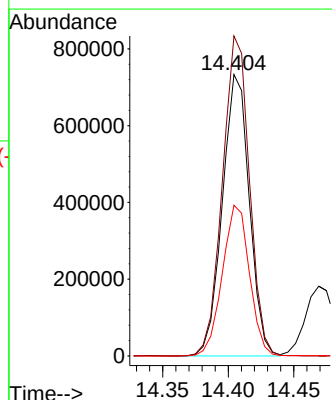
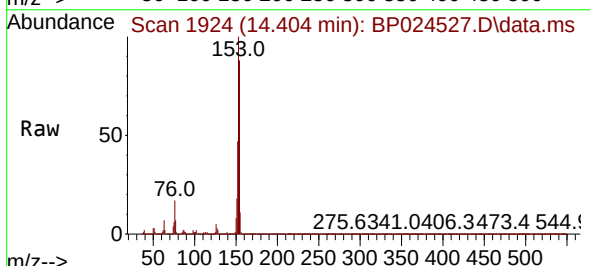
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

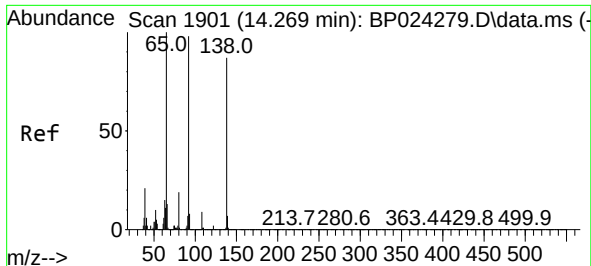
Tgt Ion:165 Resp: 325026
Ion Ratio Lower Upper
165 100
63 51.9 38.0 57.0
89 55.1 41.7 62.5



#52
Acenaphthene
Concen: 44.869 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:154 Resp: 1048157
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.6
152 53.6 42.6 63.8

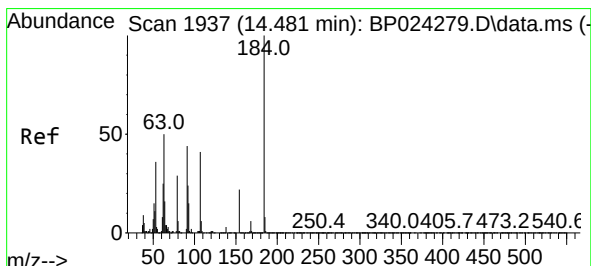
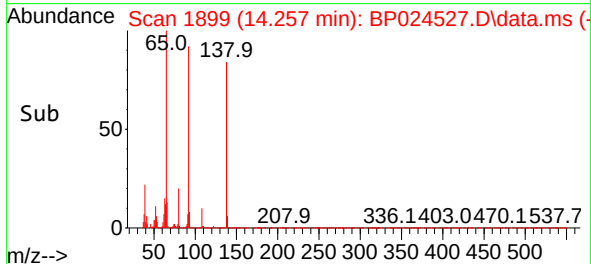
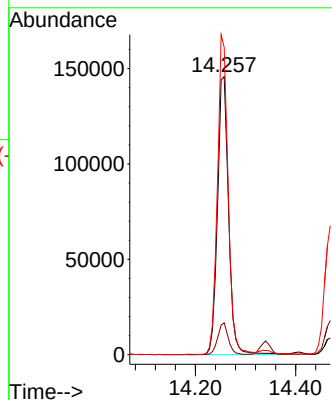
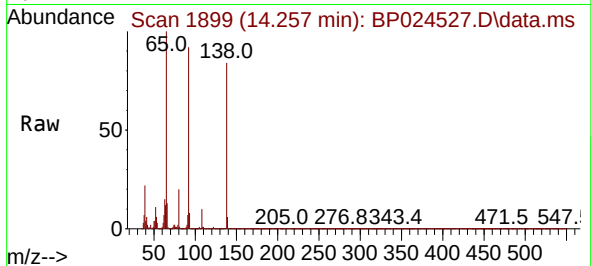




#53
3-Nitroaniline
Concen: 32.273 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

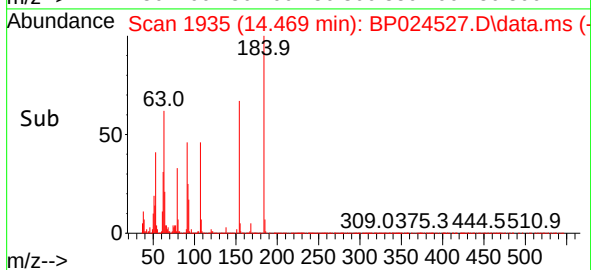
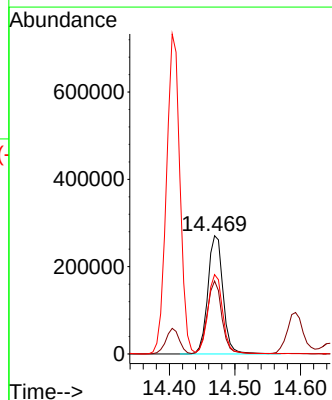
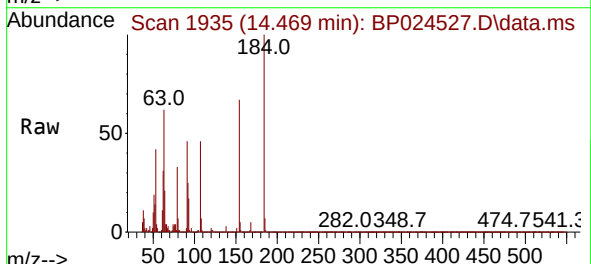
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

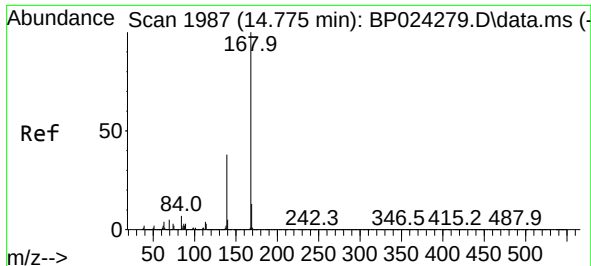
Tgt Ion:138 Resp: 223144
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 110.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 112.914 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:184 Resp: 437557
Ion Ratio Lower Upper
184 100
63 61.7 42.6 64.0
154 67.2 47.2 70.8

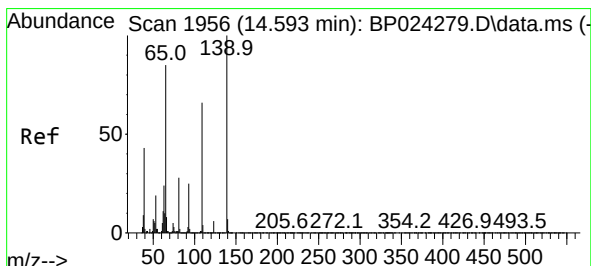
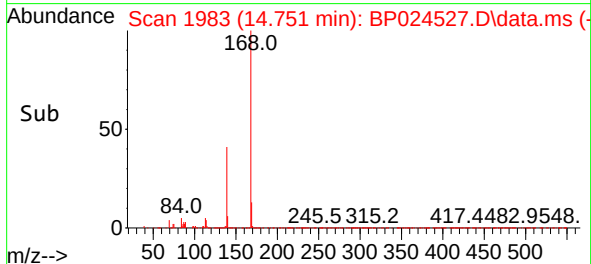
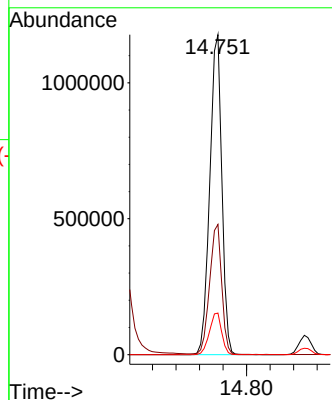
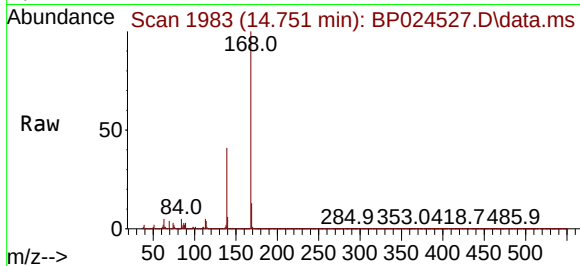




#55
Dibenzofuran
Concen: 43.650 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

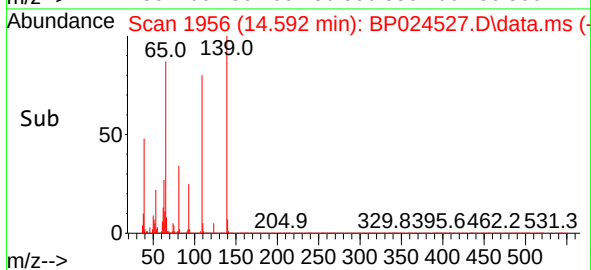
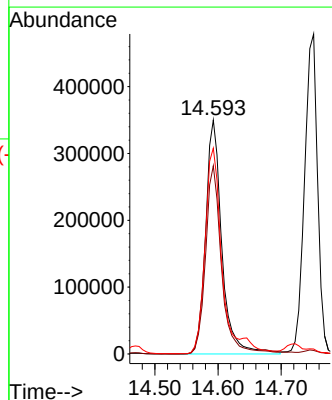
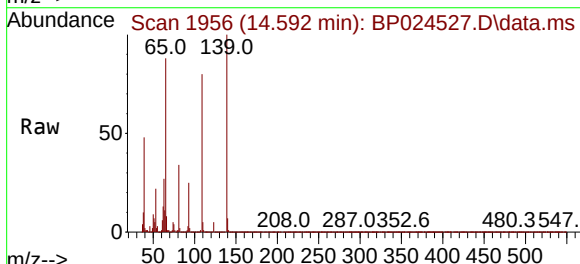
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

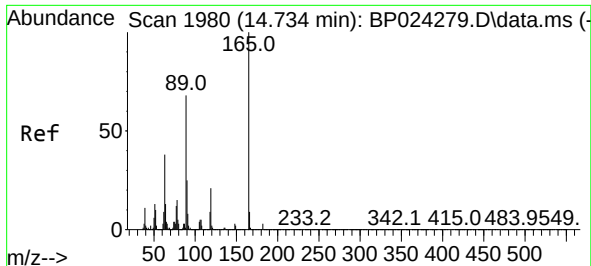
Tgt Ion:168 Resp: 1666737
Ion Ratio Lower Upper
168 100
139 40.7 30.3 45.5
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 104.609 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:139 Resp: 624675
Ion Ratio Lower Upper
139 100
109 80.5 46.1 86.1
65 88.0 65.0 105.0

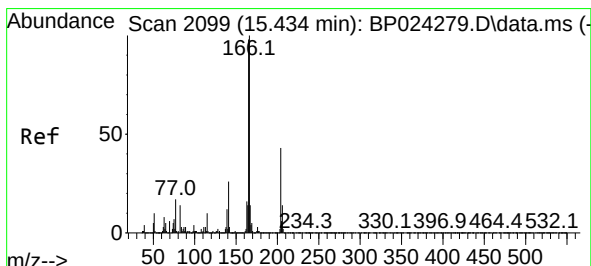
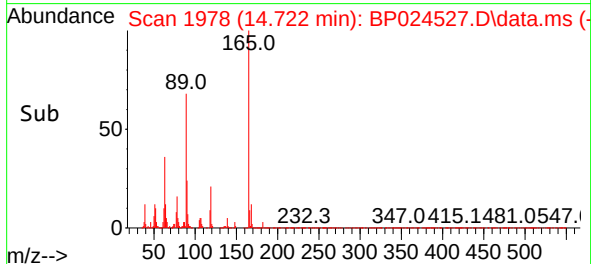
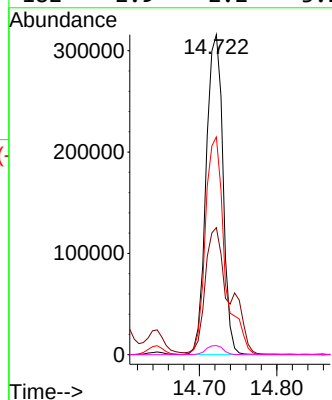
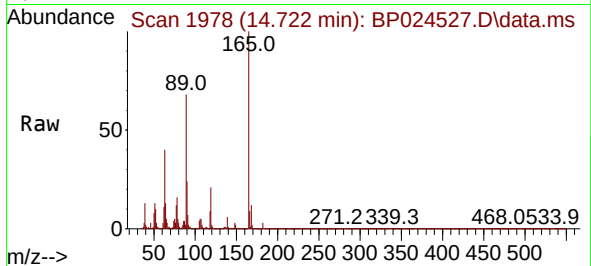




#57
2,4-Dinitrotoluene
Concen: 52.671 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

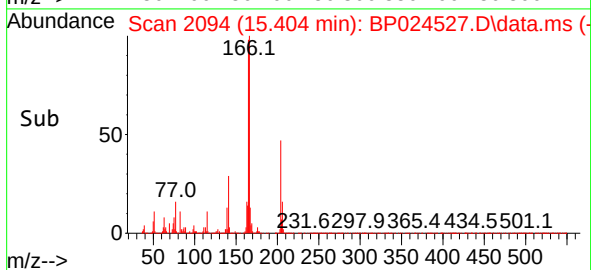
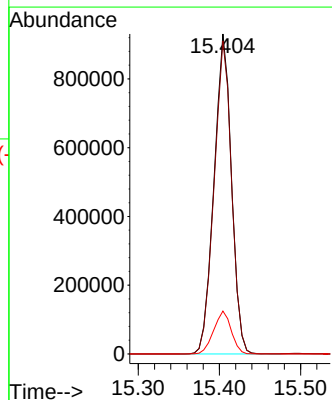
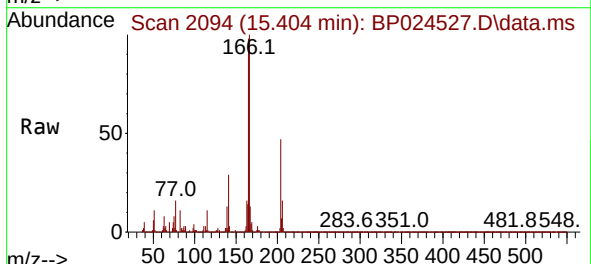
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

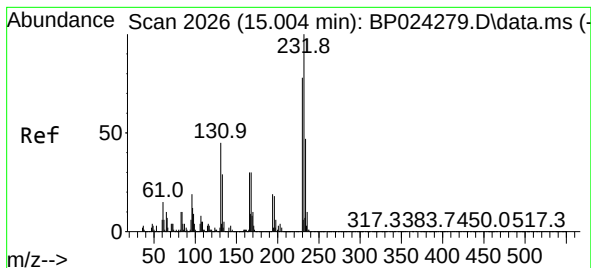
Tgt Ion:165 Resp: 472668
Ion Ratio Lower Upper
165 100
63 39.7 30.4 45.6
89 68.1 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 47.033 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:166 Resp: 1390272
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.495 ng

RT: 14.981 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

Tgt Ion:232 Resp: 401699

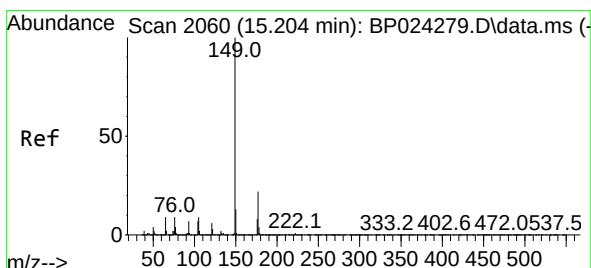
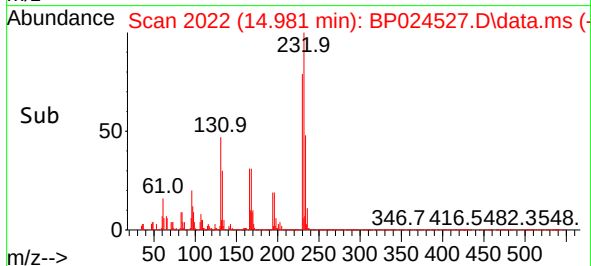
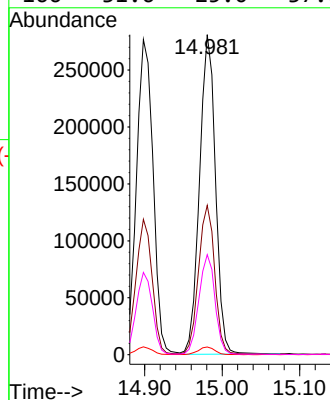
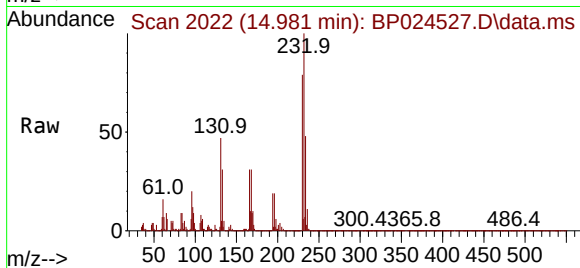
Ion Ratio Lower Upper

232 100

131 47.7 36.8 55.2

130 2.5 1.9 2.9

166 31.6 25.0 37.6



#60

Diethylphthalate

Concen: 46.427 ng

RT: 15.181 min Scan# 2056

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

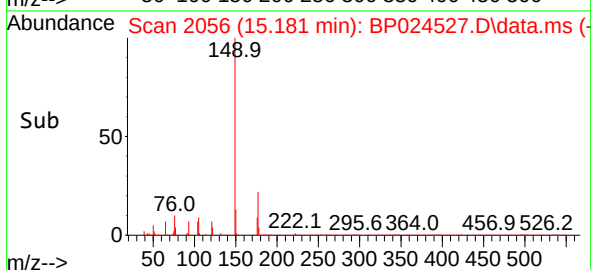
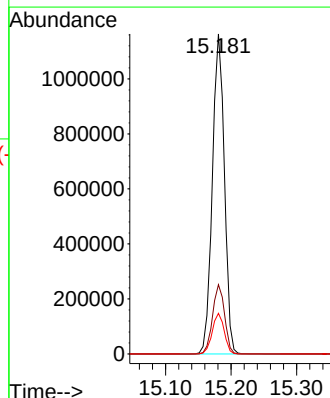
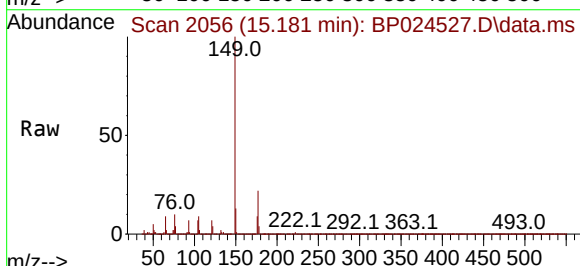
Tgt Ion:149 Resp: 1482225

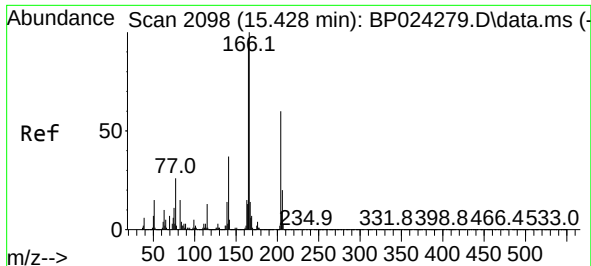
Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

150 12.7 10.1 15.1

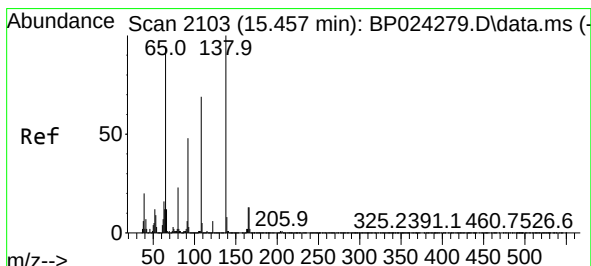
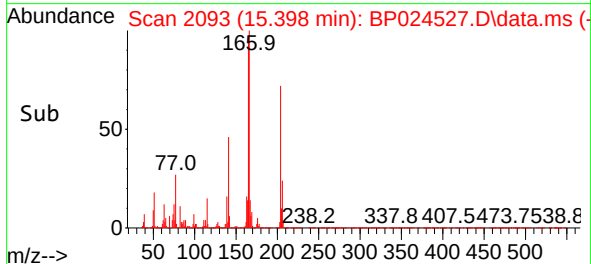
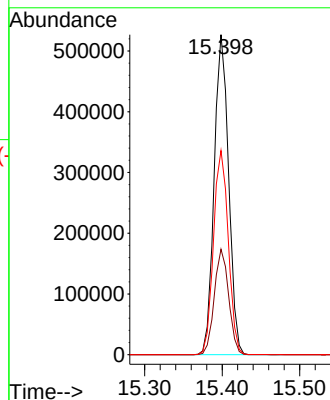
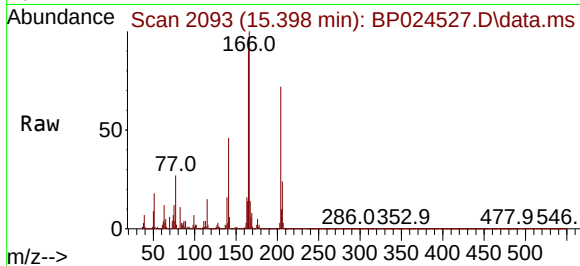




#61
4-Chlorophenyl-phenylether
Concen: 47.449 ng
RT: 15.398 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

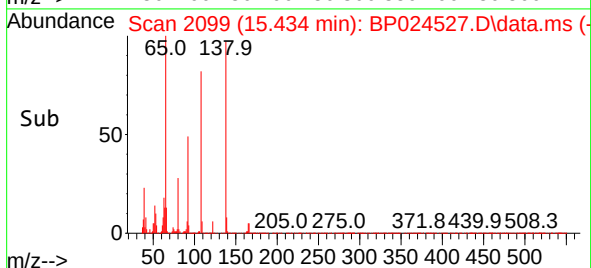
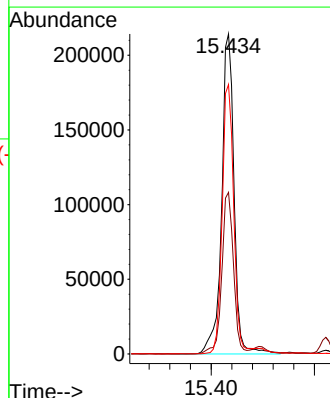
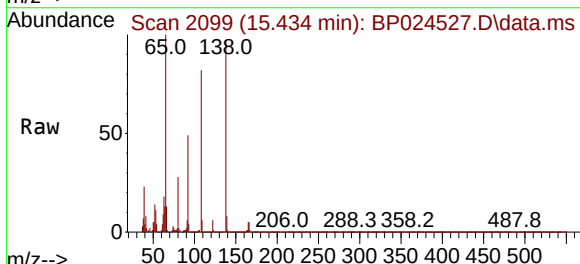
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

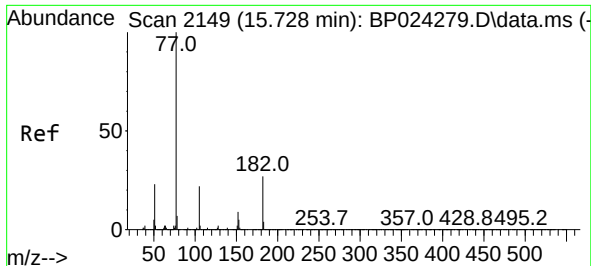
Tgt Ion:204 Resp: 681083
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 63.8 49.4 74.0



#62
4-Nitroaniline
Concen: 48.732 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:138 Resp: 356697
Ion Ratio Lower Upper
138 100
92 50.5 27.8 67.8
108 84.2 48.9 88.9



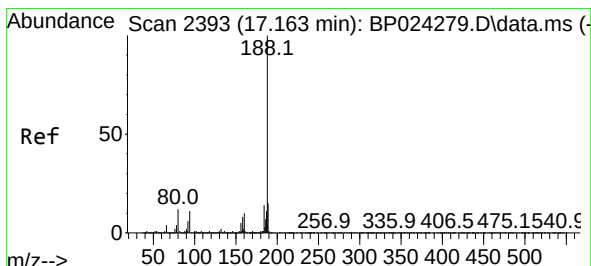
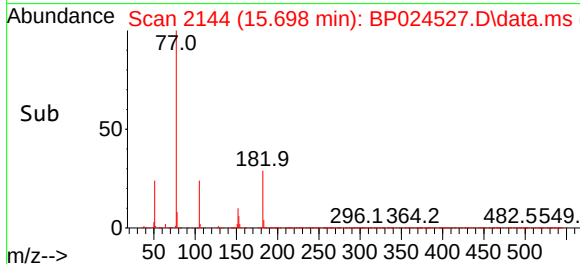
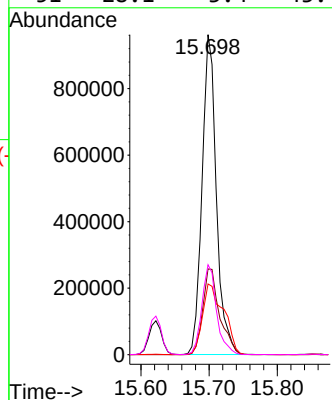
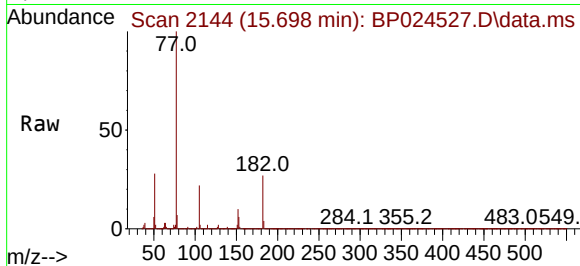


#63
Azobenzene
Concen: 47.750 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Instrument :
BNA_P
ClientSampleId :
MH-QMSD

Tgt Ion: 77 Resp: 1401152

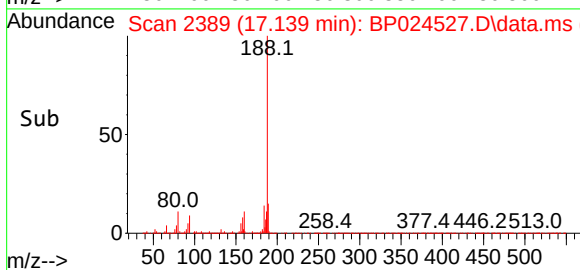
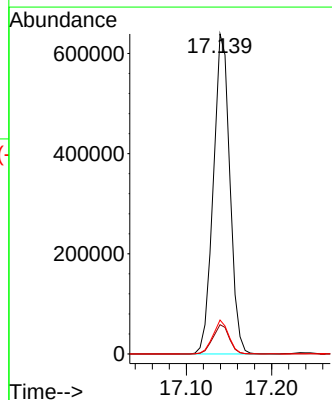
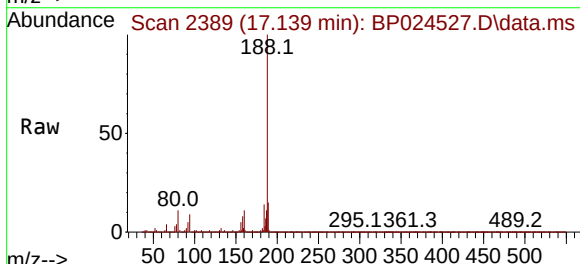
Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.3	47.3
105	22.1	2.3	42.3
51	28.1	3.4	43.4

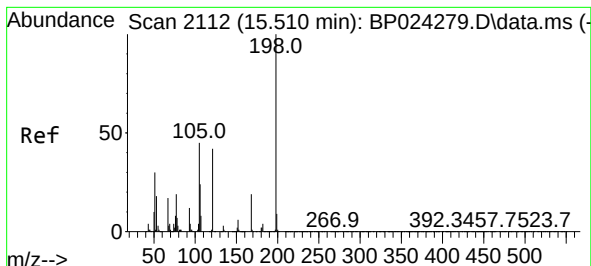


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion: 188 Resp: 859507

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.6	13.0
80	10.6	9.8	14.6

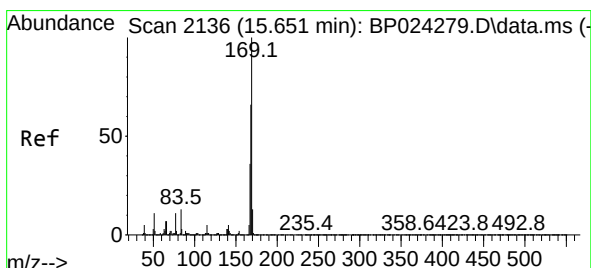
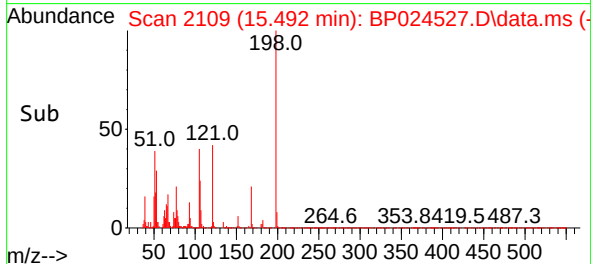
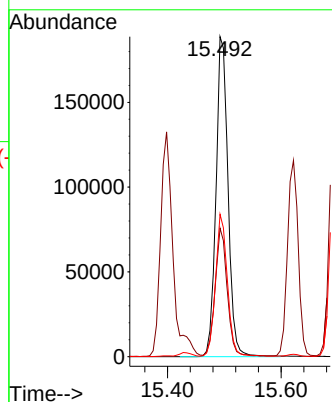
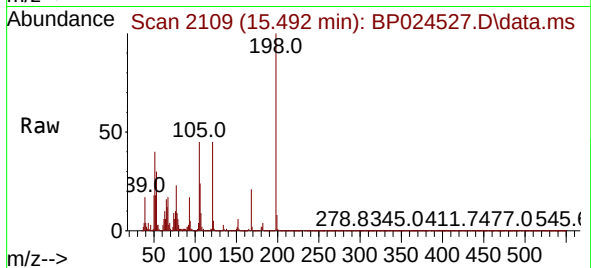




#65
4,6-Dinitro-2-methylphenol
Concen: 51.038 ng
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

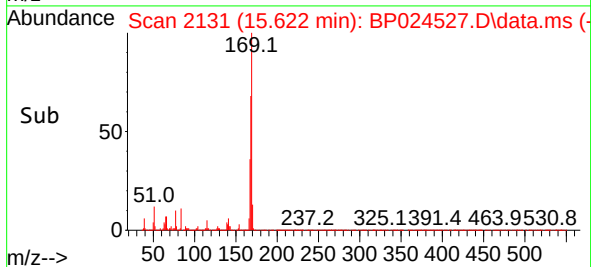
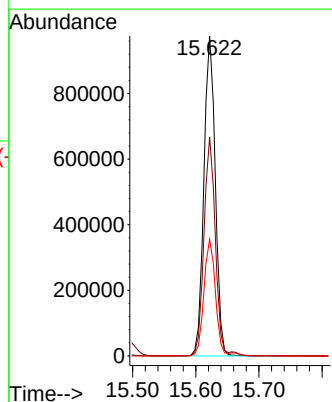
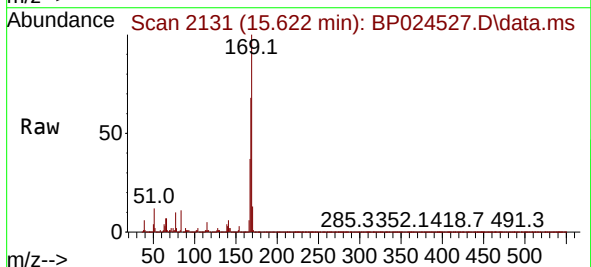
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

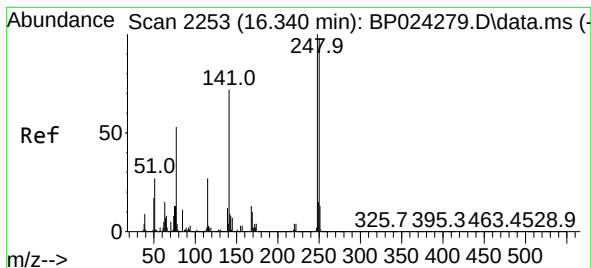
Tgt Ion:198 Resp: 276566
Ion Ratio Lower Upper
198 100
51 40.1 18.4 58.4
105 44.5 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 47.554 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:169 Resp: 1219975
Ion Ratio Lower Upper
169 100
168 68.4 53.0 79.4
167 36.5 28.9 43.3

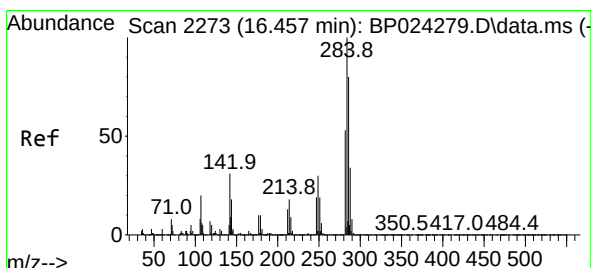
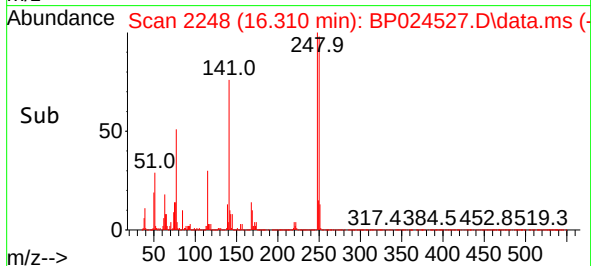
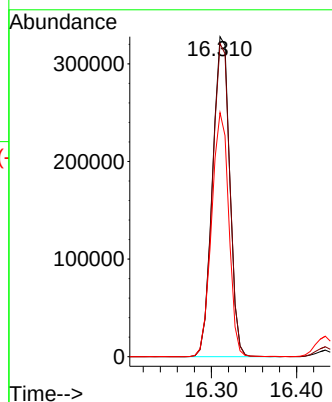
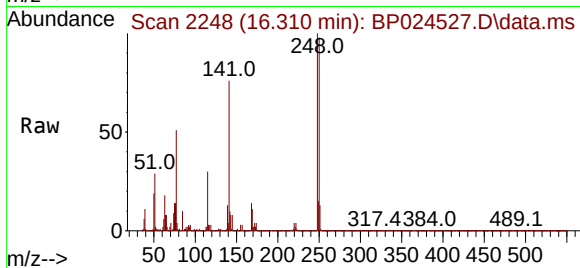




#67
4-Bromophenyl-phenylether
Concen: 49.056 ng
RT: 16.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

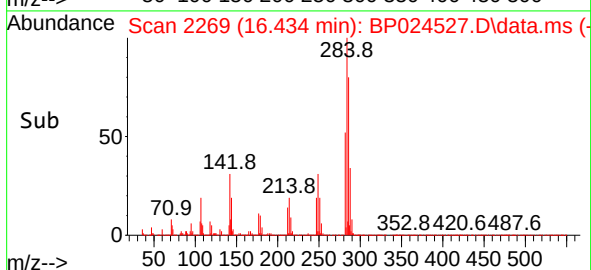
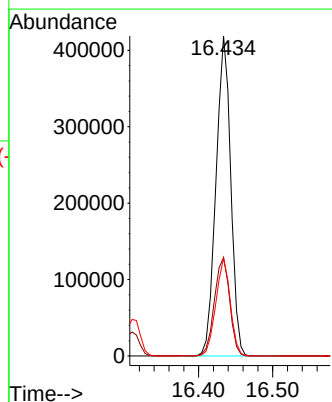
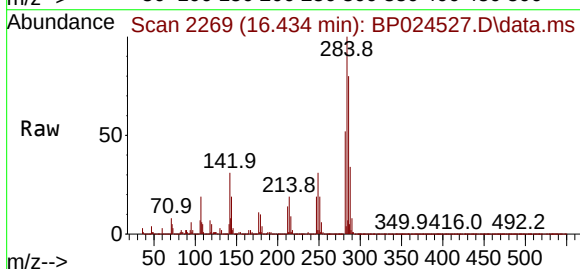
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

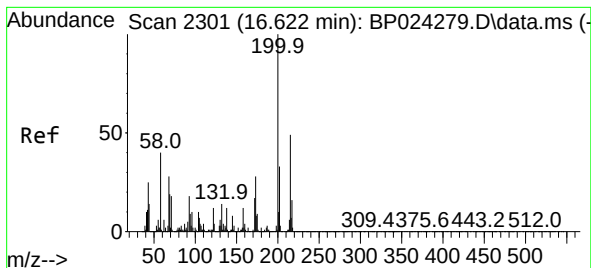
Tgt Ion:248 Resp: 461135
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 76.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 51.761 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:284 Resp: 578175
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 30.6 23.8 35.6





#69

Atrazine

Concen: 69.369 ng

RT: 16.598 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

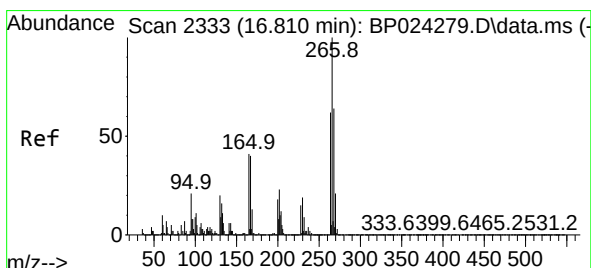
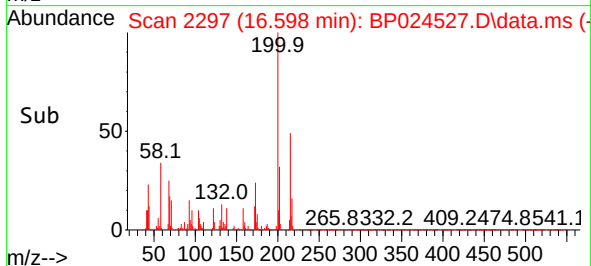
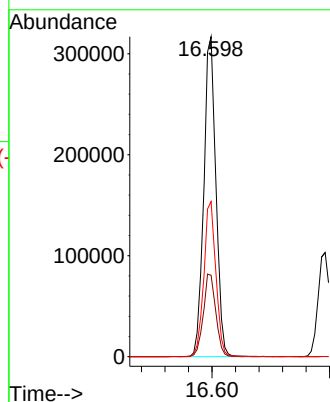
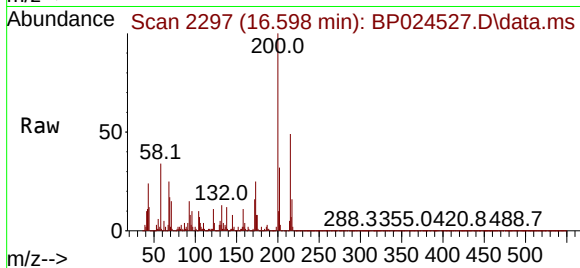
Tgt Ion:200 Resp: 453253

Ion Ratio Lower Upper

200 100

173 25.4 7.5 47.5

215 48.5 28.8 68.8



#70

Pentachlorophenol

Concen: 105.879 ng

RT: 16.792 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

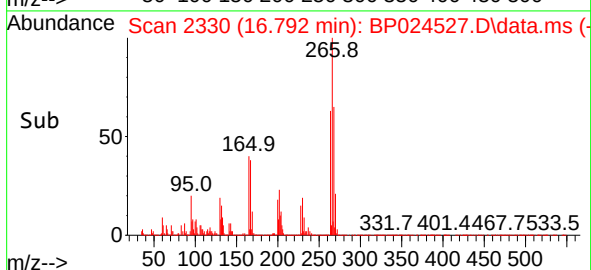
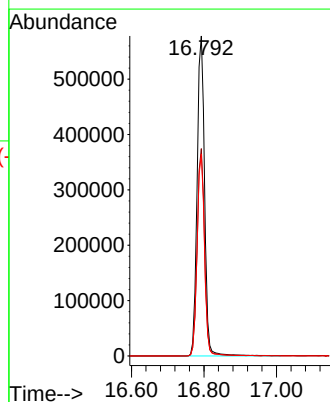
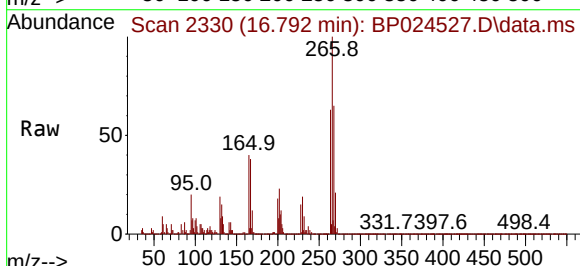
Tgt Ion:266 Resp: 825072

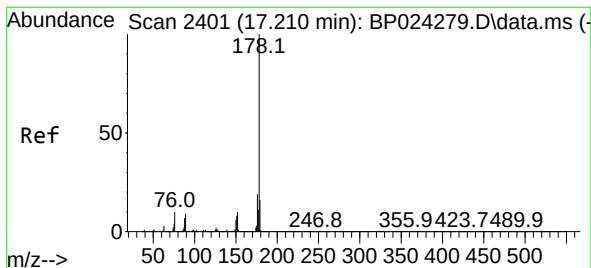
Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.6

264 63.2 49.8 74.6





#71

Phenanthrene

Concen: 46.287 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

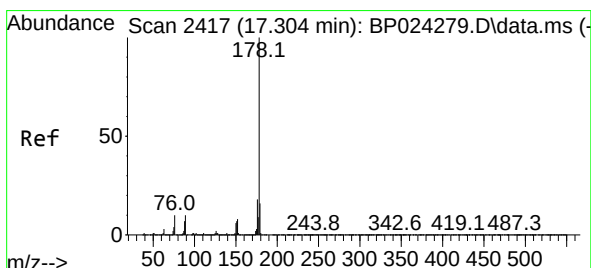
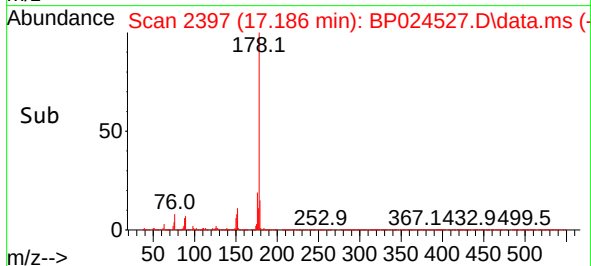
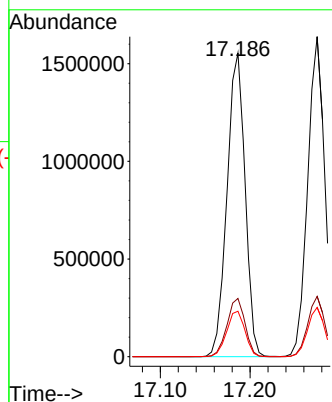
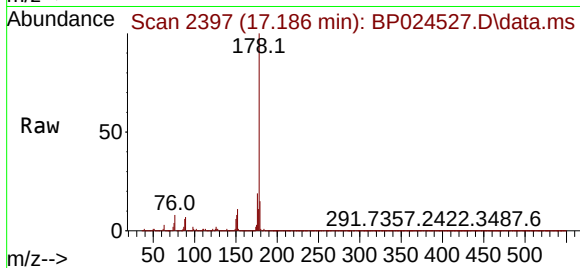
Tgt Ion:178 Resp: 2170334

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.0 12.5 18.7



#72

Anthracene

Concen: 48.730 ng

RT: 17.275 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

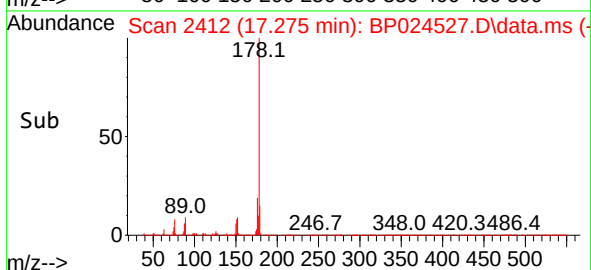
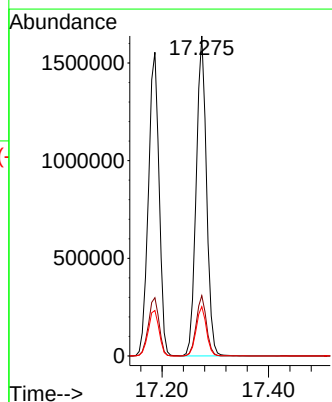
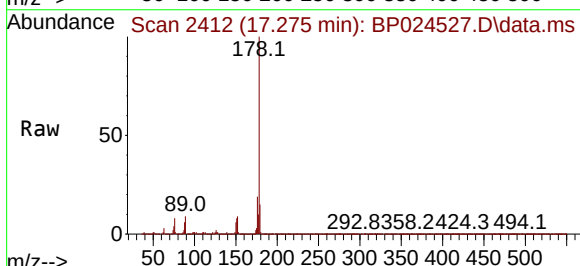
Tgt Ion:178 Resp: 2202133

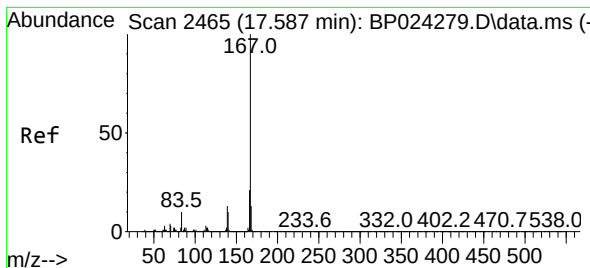
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.4 12.4 18.6





#73

Carbazole

Concen: 47.965 ng

RT: 17.563 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

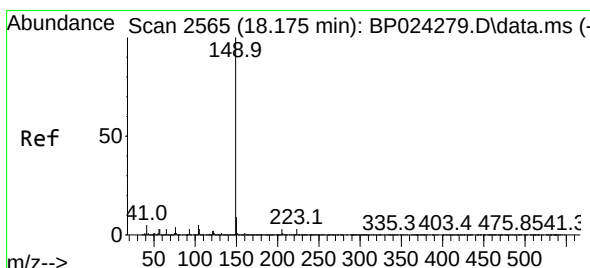
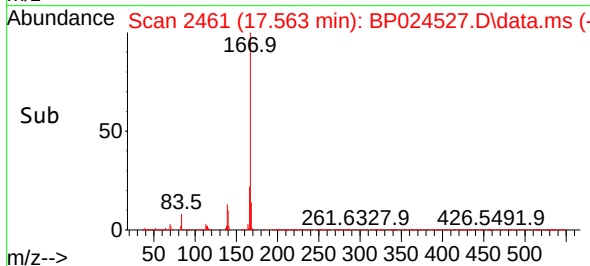
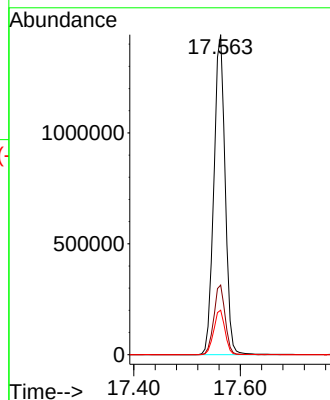
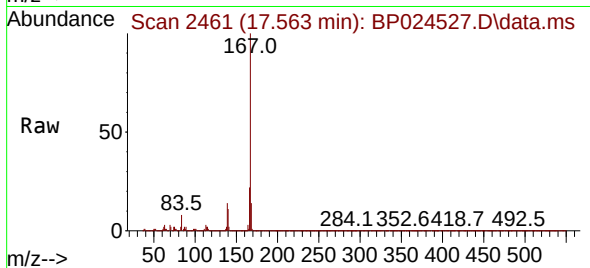
Tgt Ion:167 Resp: 2117914

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 47.904 ng

RT: 18.145 min Scan# 2560

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

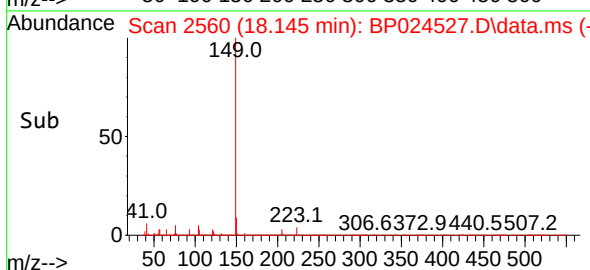
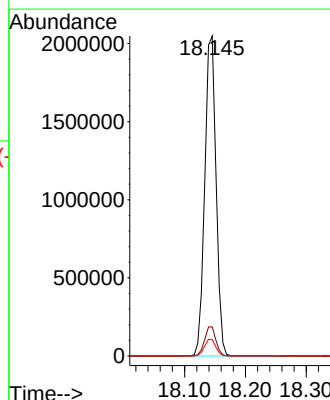
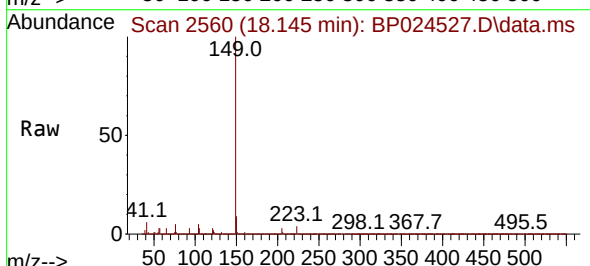
Tgt Ion:149 Resp: 2635239

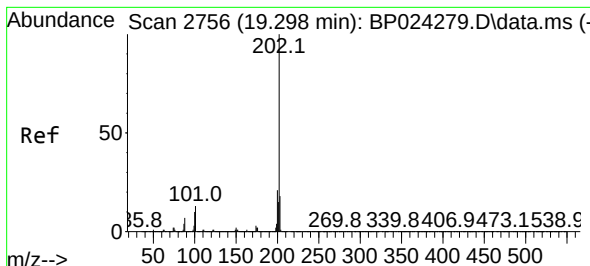
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 47.115 ng

RT: 19.269 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

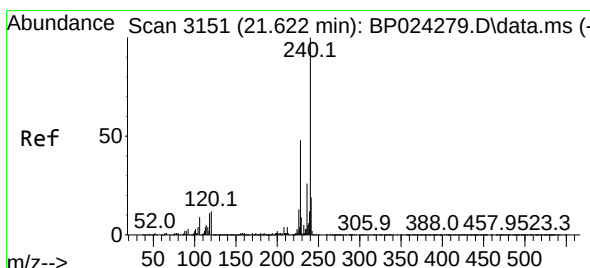
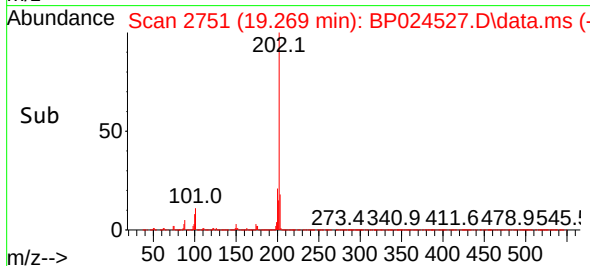
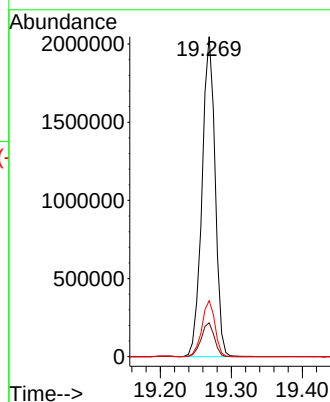
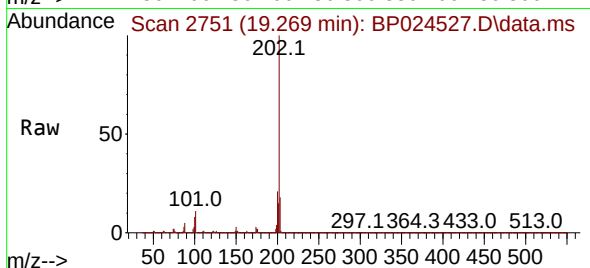
BNA_P

ClientSampleId :

MH-QMSD

Tgt Ion:202 Resp: 2627400

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.2
203	17.5	0.0	37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3144

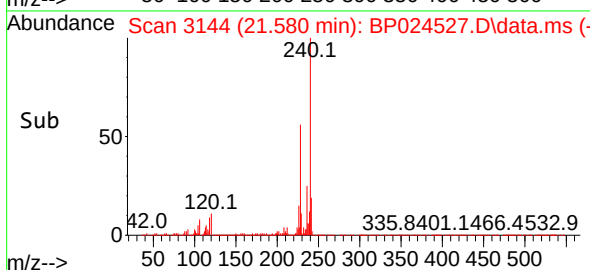
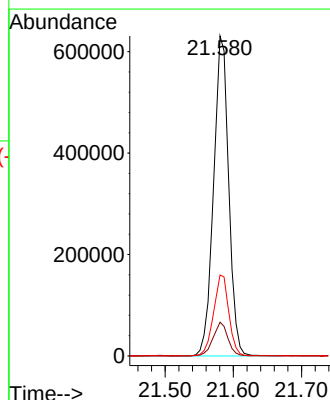
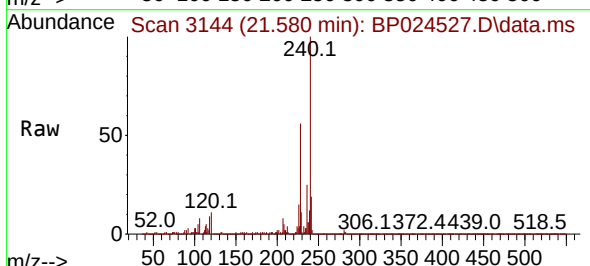
Delta R.T. -0.012 min

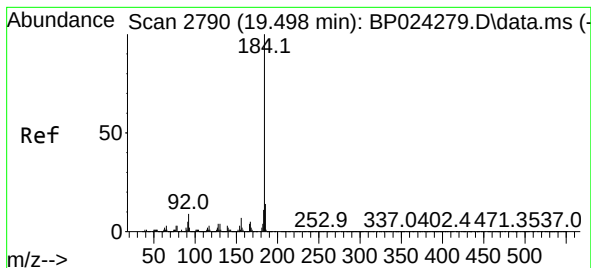
Lab File: BP024527.D

Acq: 05 May 2025 16:05

Tgt Ion:240 Resp: 974537

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.8	14.8
236	25.3	20.9	31.3





#77

Benzidine

Concen: 85.716 ng

RT: 19.469 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

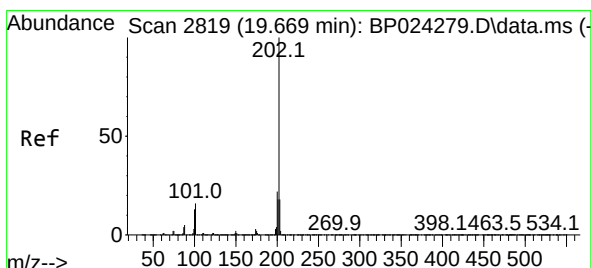
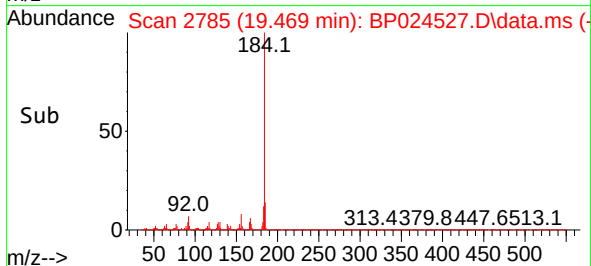
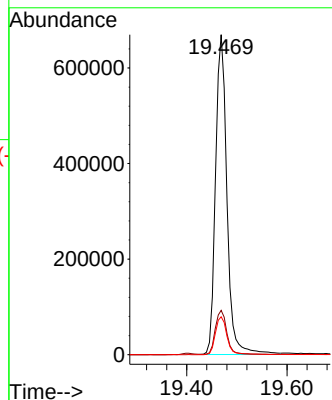
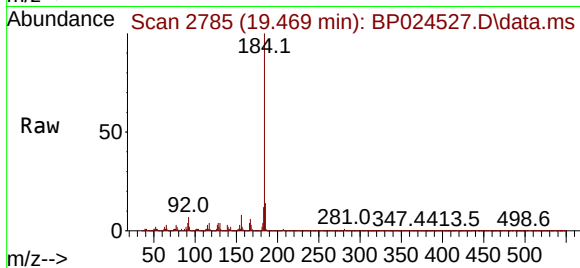
Tgt Ion:184 Resp: 1058859

Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

183 11.8 9.2 13.8



#78

Pyrene

Concen: 44.232 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

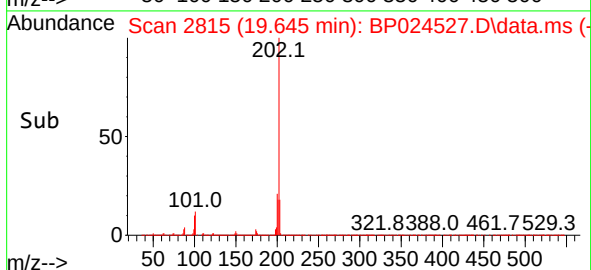
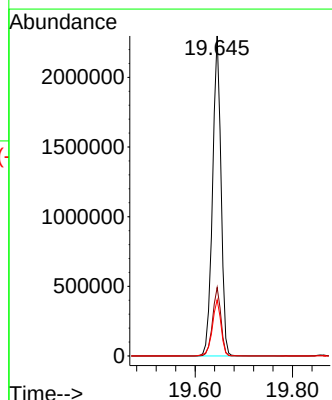
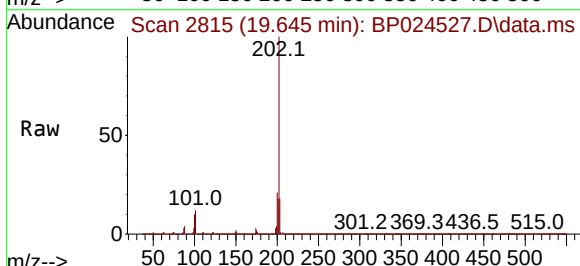
Tgt Ion:202 Resp: 2739390

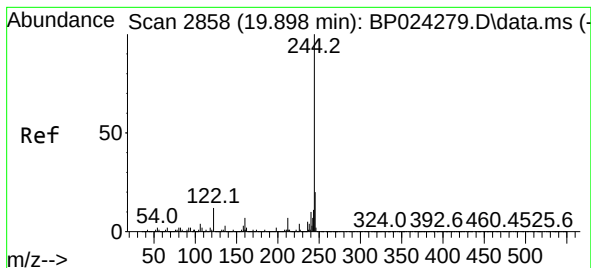
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 44.559 ng

RT: 19.857 min Scan# 2154375

Delta R.T. -0.018 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

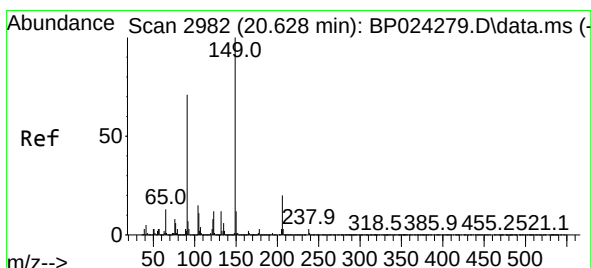
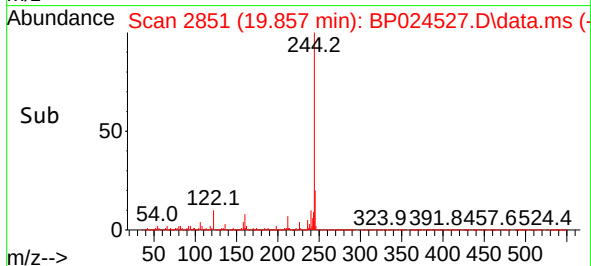
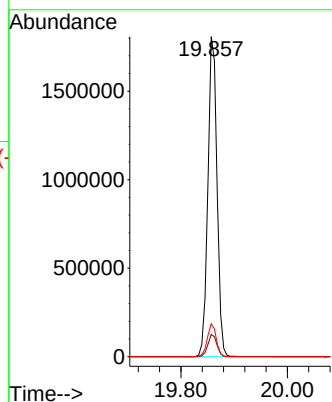
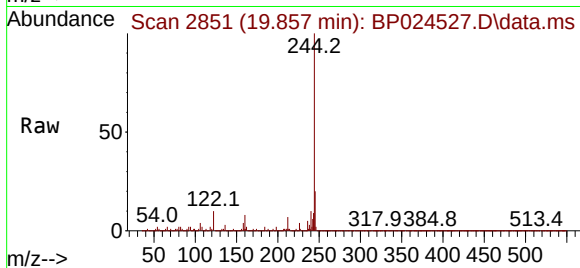
Tgt Ion:244 Resp: 2154375

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.3 9.4 14.0



#80

Butylbenzylphthalate

Concen: 48.950 ng

RT: 20.592 min Scan# 2976

Delta R.T. -0.012 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

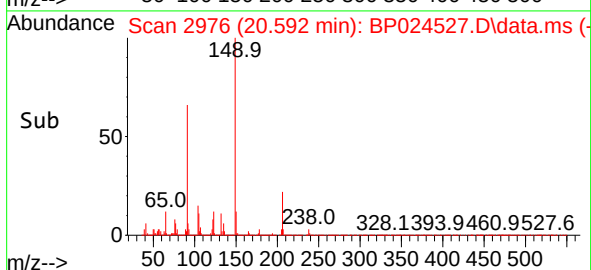
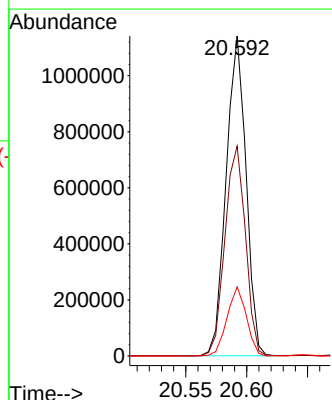
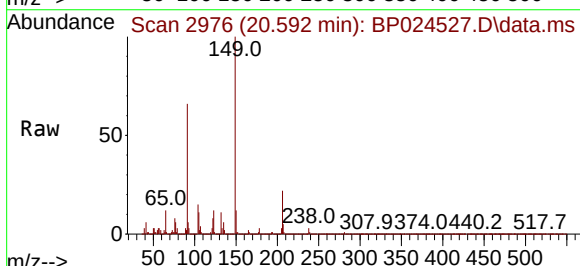
Tgt Ion:149 Resp: 1298523

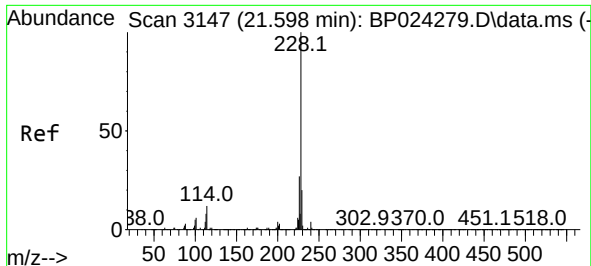
Ion Ratio Lower Upper

149 100

91 65.6 56.4 84.6

206 21.6 16.3 24.5

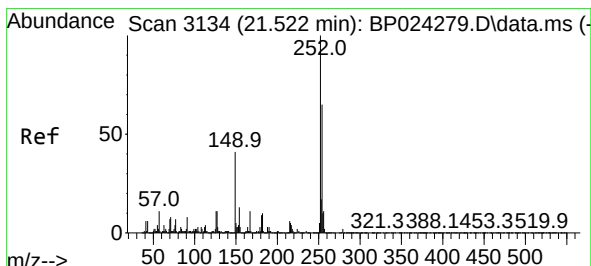
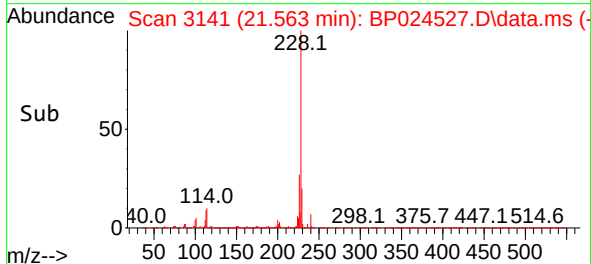
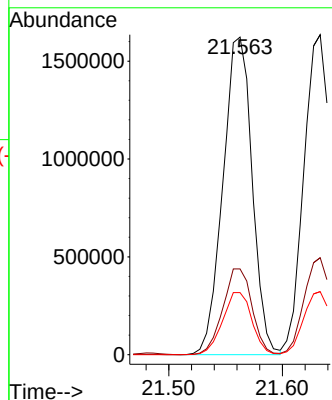
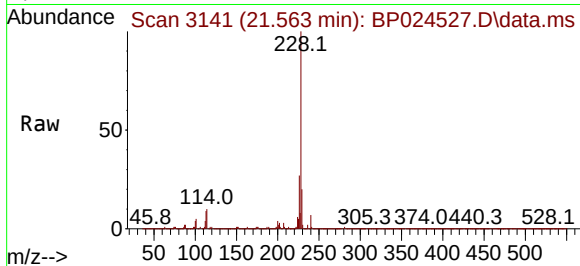




#81
Benzo(a)anthracene
Concen: 47.862 ng
RT: 21.563 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

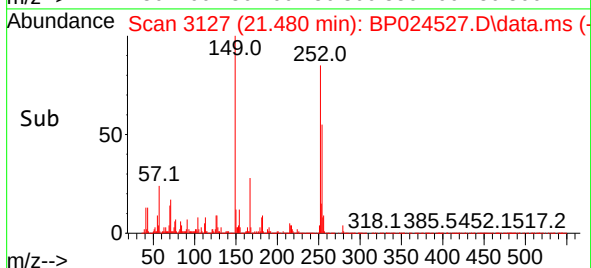
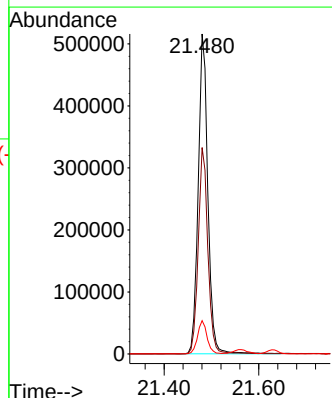
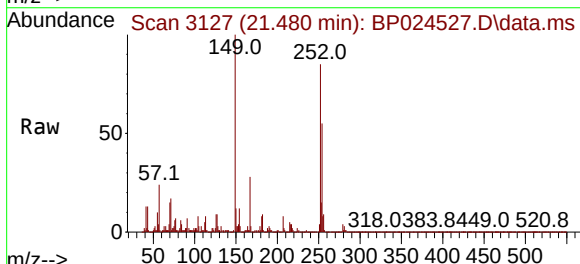
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

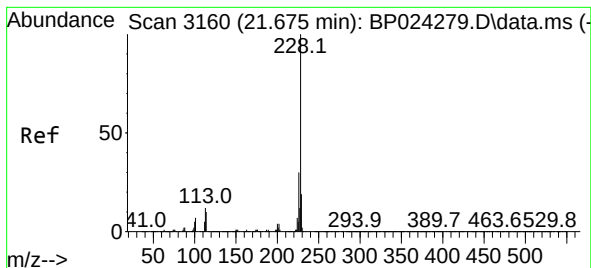
Tgt Ion:228 Resp: 2899165
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 34.196 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:252 Resp: 727023
Ion Ratio Lower Upper
252 100
254 64.5 51.7 77.5
126 10.4 8.8 13.2





#83

Chrysene

Concen: 46.155 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

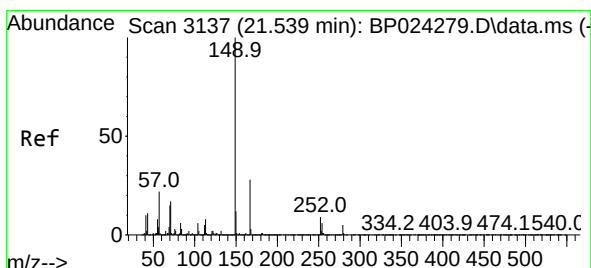
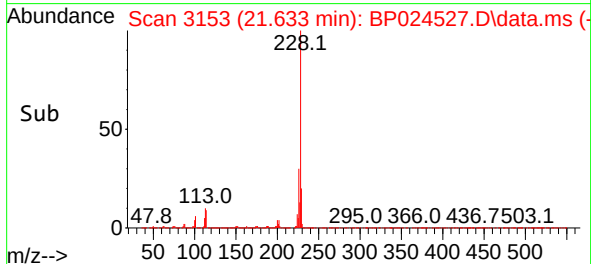
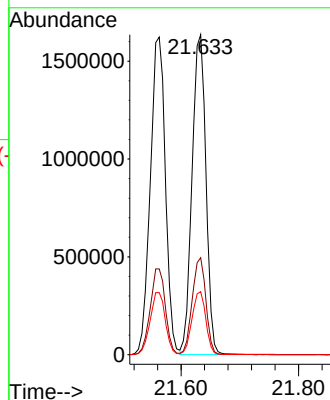
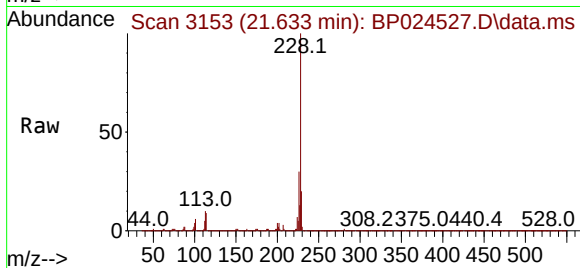
Tgt Ion:228 Resp: 2678462

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.517 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

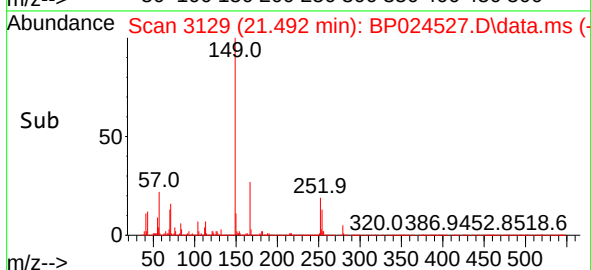
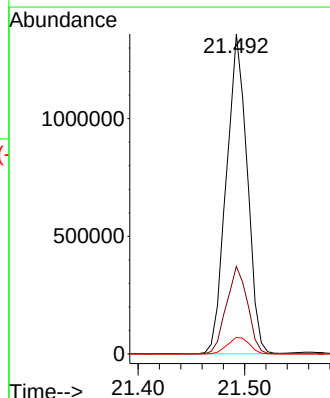
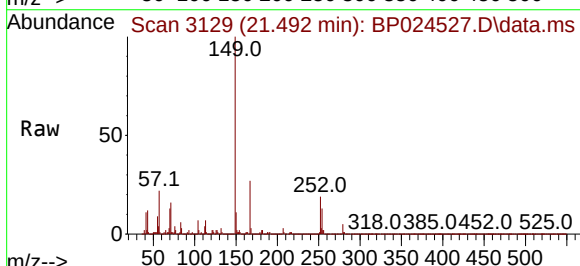
Tgt Ion:149 Resp: 1847858

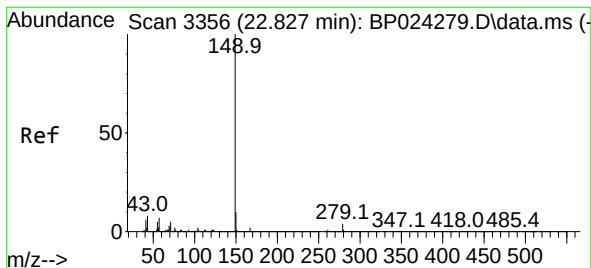
Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

279 5.2 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.624 ng

RT: 22.763 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

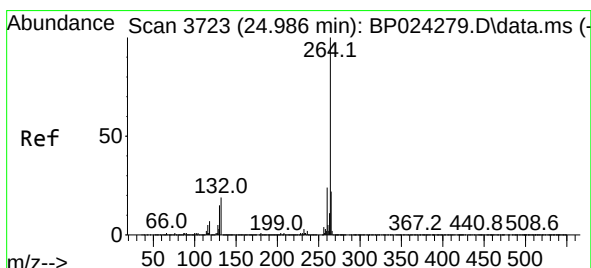
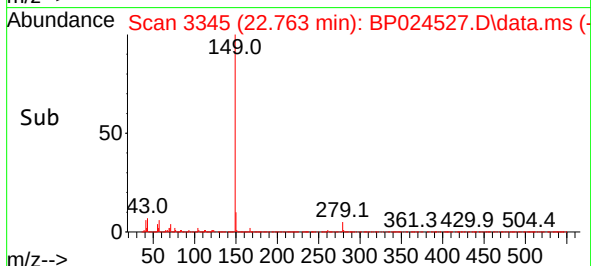
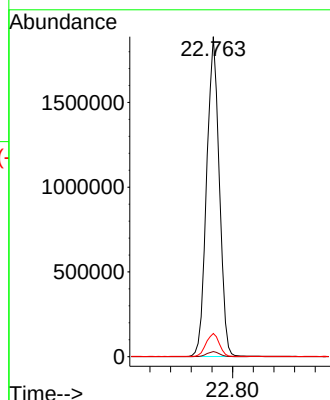
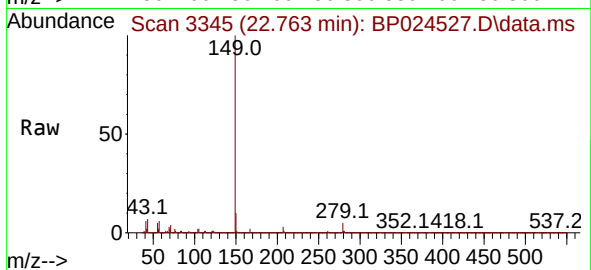
Tgt Ion:149 Resp: 3200463

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: 24.910 min Scan# 3710

Delta R.T. -0.023 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

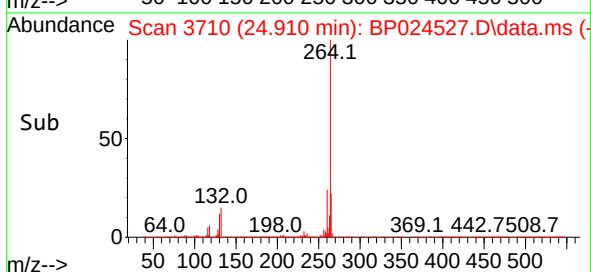
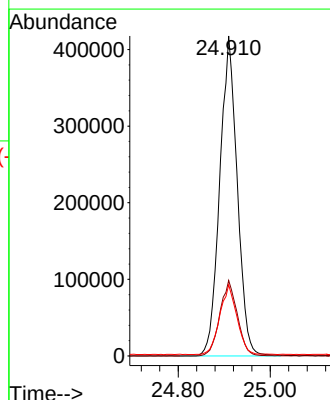
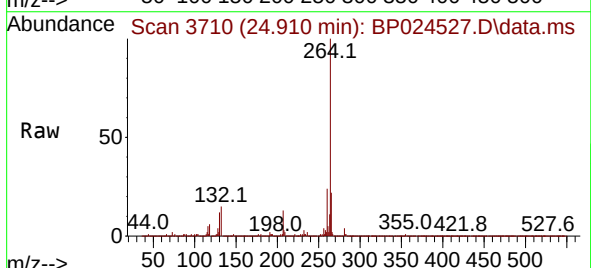
Tgt Ion:264 Resp: 1094765

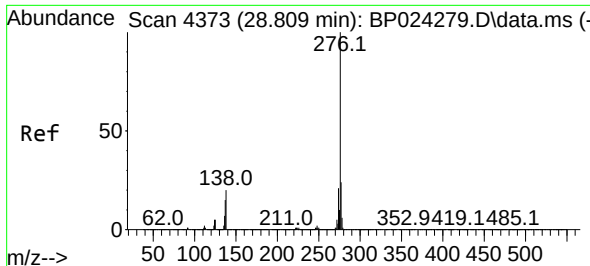
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.2 17.8 26.6

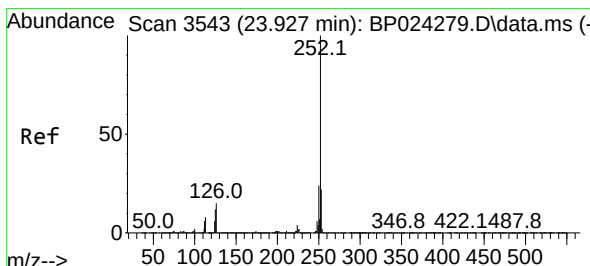
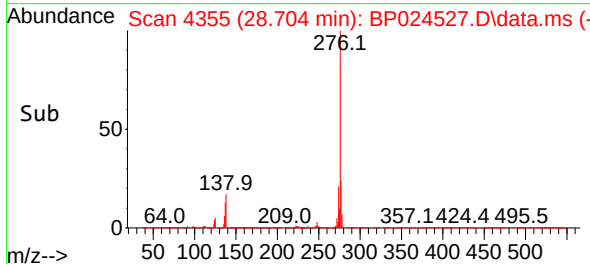
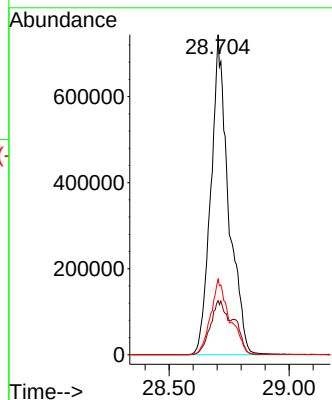
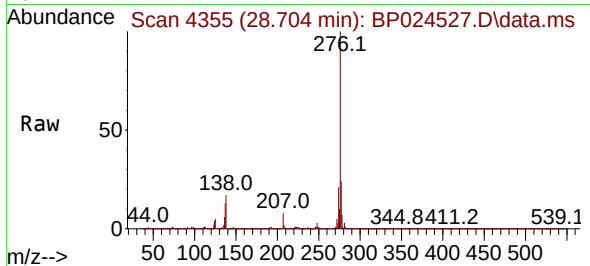




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.349 ng
RT: 28.704 min Scan# 41
Delta R.T. -0.035 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

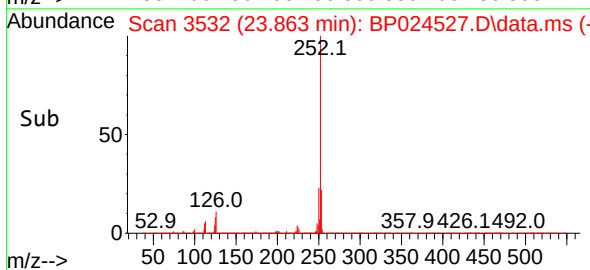
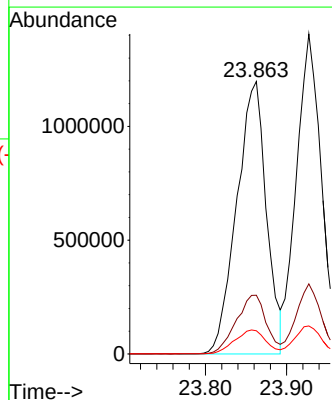
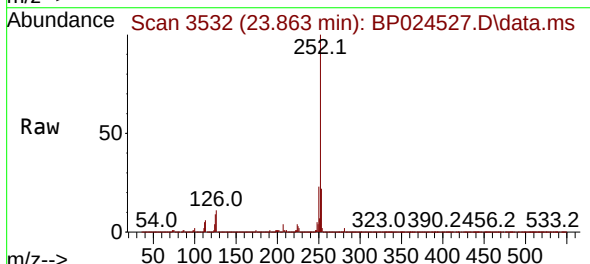
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

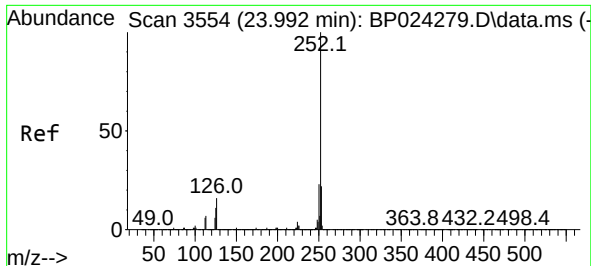
Tgt Ion:276 Resp: 3826691
Ion Ratio Lower Upper
276 100
138 16.1 14.5 21.7
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 46.268 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.023 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:252 Resp: 3036144
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 8.5 9.4 14.0#

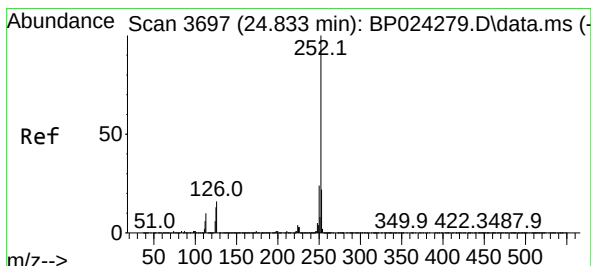
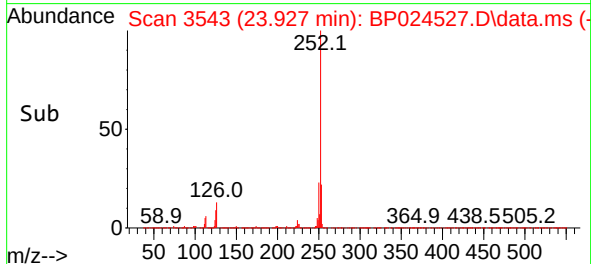
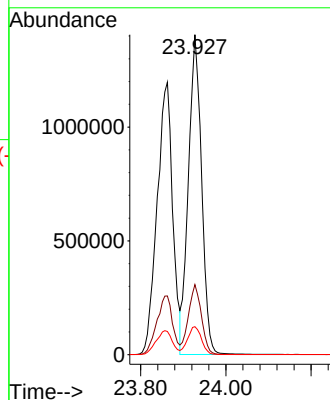
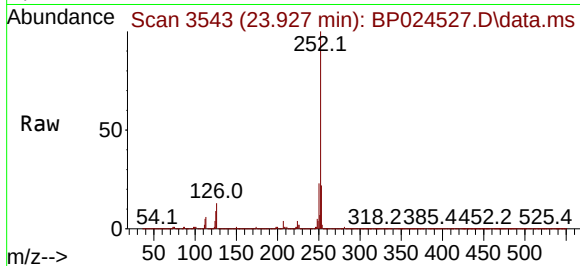




#89
Benzo(k)fluoranthene
Concen: 47.574 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

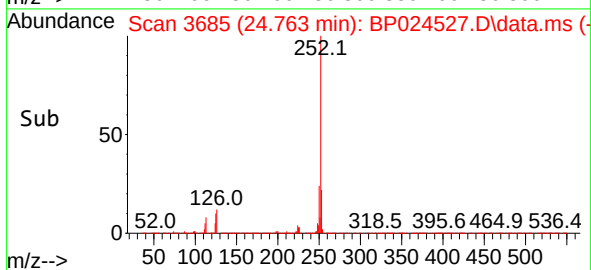
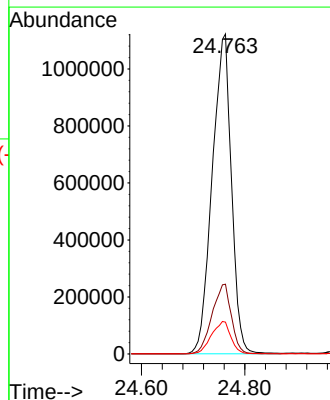
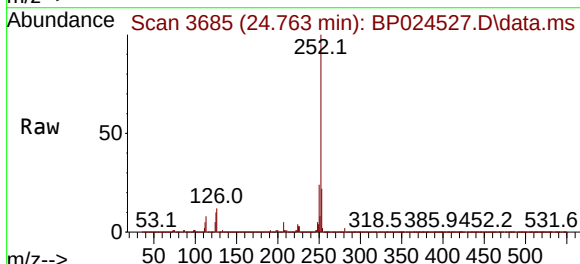
Instrument :
BNA_P
ClientSampleId :
MH-QMSD

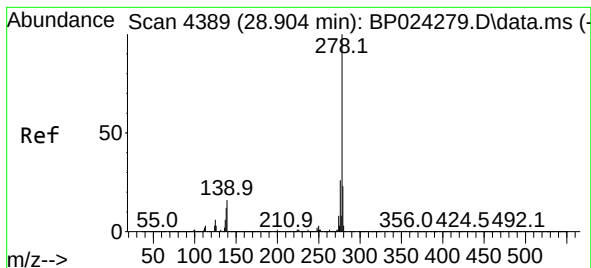
Tgt Ion:252 Resp: 3015564
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.8 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 51.050 ng
RT: 24.763 min Scan# 3685
Delta R.T. -0.018 min
Lab File: BP024527.D
Acq: 05 May 2025 16:05

Tgt Ion:252 Resp: 2889633
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.0 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 49.764 ng

RT: 28.780 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Instrument :

BNA_P

ClientSampleId :

MH-QMSD

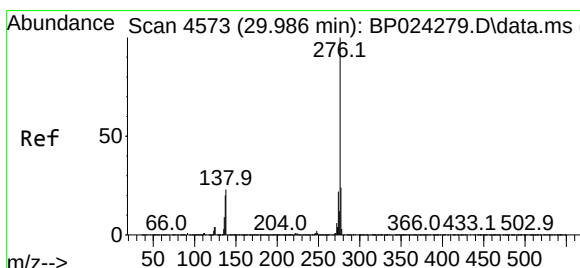
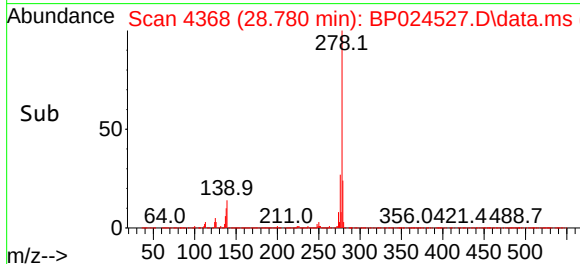
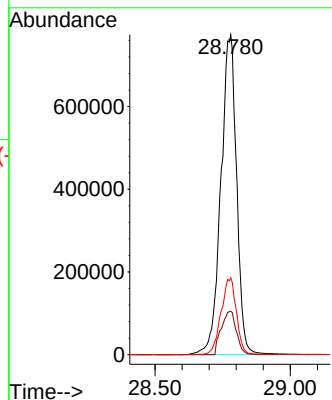
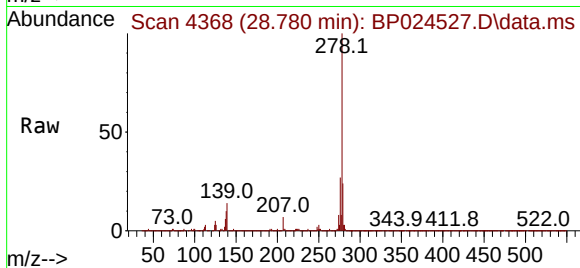
Tgt Ion:278 Resp: 3139375

Ion Ratio Lower Upper

278 100

139 13.6 12.6 19.0

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 47.835 ng

RT: 29.874 min Scan# 4554

Delta R.T. -0.023 min

Lab File: BP024527.D

Acq: 05 May 2025 16:05

Tgt Ion:276 Resp: 3071570

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 18.7 18.7 28.1

