

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
 Data File : BP024565.D
 Acq On : 07 May 2025 16:02
 Operator : RC/JU
 Sample : Q1947-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-PMMSD

Quant Time: May 07 16:44:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	159677	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	629287	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	400886	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	782427	20.000	ng	0.00
76) Chrysene-d12	21.580	240	910356	20.000	ng	-0.01
86) Perylene-d12	24.904	264	1061179	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1127168	116.718	ng	-0.01
7) Phenol-d6	6.899	99	1307596	98.885	ng	-0.01
23) Nitrobenzene-d5	8.852	82	940382	85.210	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	858700	154.819	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	2166850	82.759	ng	-0.02
79) Terphenyl-d14	19.863	244	3953700	87.540	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	133883	32.776	ng	# 79
3) Pyridine	3.681	79	340784	31.595	ng	91
4) n-Nitrosodimethylamine	3.587	42	160260	44.769	ng	76
6) Aniline	7.046	93	411741	34.845	ng	98
8) 2-Chlorophenol	7.281	128	452894	42.004	ng	100
9) Benzaldehyde	6.858	77	148628	22.722	ng	98
10) Phenol	6.922	94	471165	35.519	ng	91
11) bis(2-Chloroethyl)ether	7.134	93	407626	38.140	ng	98
12) 1,3-Dichlorobenzene	7.593	146	459150	39.556	ng	98
13) 1,4-Dichlorobenzene	7.734	146	467912	39.729	ng	99
14) 1,2-Dichlorobenzene	8.052	146	451294	39.683	ng	99
15) Benzyl Alcohol	7.946	79	385709	45.104	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.222	45	451136	39.051	ng	99
17) 2-Methylphenol	8.152	107	370051	43.123	ng	96
18) Hexachloroethane	8.769	117	173000	40.646	ng	94
19) n-Nitroso-di-n-propyla...	8.505	70	312238	38.167	ng	94
20) 3+4-Methylphenols	8.481	107	494623	41.541	ng	98
22) Acetophenone	8.516	105	656279	42.136	ng	# 96
24) Nitrobenzene	8.893	77	460898	42.217	ng	99
25) Isophorone	9.416	82	893851	44.746	ng	97
26) 2-Nitrophenol	9.593	139	246256	46.092	ng	94
27) 2,4-Dimethylphenol	9.663	122	425149	63.375	ng	98
28) bis(2-Chloroethoxy)met...	9.887	93	543934	40.308	ng	99
29) 2,4-Dichlorophenol	10.146	162	426633	46.642	ng	99
30) 1,2,4-Trichlorobenzene	10.334	180	428107	43.683	ng	99
31) Naphthalene	10.522	128	1369401	41.311	ng	100
32) Benzoic acid	9.834	122	293369	37.531	ng	95
33) 4-Chloroaniline	10.646	127	241183	20.661	ng	97
34) Hexachlorobutadiene	10.805	225	273052	47.414	ng	99
35) Caprolactam	11.440	113	126101	37.363	ng	97
36) 4-Chloro-3-methylphenol	11.781	107	494806	46.443	ng	99
37) 2-Methylnaphthalene	12.134	142	874016	38.019	ng	96
38) 1-Methylnaphthalene	12.357	142	918193	40.827	ng	100
40) 1,2,4,5-Tetrachloroben...	12.510	216	488659	44.325	ng	99
41) Hexachlorocyclopentadiene	12.487	237	644912	165.403	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	351532	47.960	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	392314	48.335	ng	100
46) 1,1'-Biphenyl	13.151	154	1252633	42.509	ng	99
47) 2-Chloronaphthalene	13.198	162	943421	42.837	ng	98
48) 2-Nitroaniline	13.410	65	310999	50.343	ng	97
49) Acenaphthylene	14.057	152	1619236	46.699	ng	99
50) Dimethylphthalate	13.793	163	1356473	46.529	ng	99
51) 2,6-Dinitrotoluene	13.910	165	292613	47.267	ng	95
52) Acenaphthene	14.404	154	926805	42.161	ng	100
53) 3-Nitroaniline	14.251	138	254683	39.143	ng	99
54) 2,4-Dinitrophenol	14.469	184	375599	103.001	ng	94
55) Dibenzofuran	14.745	168	1487529	41.399	ng	96
56) 4-Nitrophenol	14.598	139	472858	84.149	ng	89
57) 2,4-Dinitrotoluene	14.722	165	429796	50.895	ng	98
58) Fluorene	15.404	166	1214991	43.680	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	350396	46.807	ng	98
60) Diethylphthalate	15.181	149	1360845	45.297	ng	100
61) 4-Chlorophenyl-phenyle...	15.398	204	597739	44.253	ng	94
62) 4-Nitroaniline	15.440	138	327195	47.504	ng	86
63) Azobenzene	15.698	77	1124506	40.724	ng	96
65) 4,6-Dinitro-2-methylph...	15.498	198	241352	48.927	ng	95
66) n-Nitrosodiphenylamine	15.622	169	1072950	45.944	ng	98
67) 4-Bromophenyl-phenylether	16.316	248	414994	48.496	ng	98
68) Hexachlorobenzene	16.428	284	518098	50.952	ng	98
69) Atrazine	16.604	200	407993	68.594	ng	97
70) Pentachlorophenol	16.792	266	703825	99.218	ng	99
71) Phenanthrene	17.187	178	1922749	45.047	ng	99
72) Anthracene	17.281	178	1962350	47.702	ng	100
73) Carbazole	17.575	167	1894056	47.121	ng	99
74) Di-n-butylphthalate	18.151	149	2423820	48.401	ng	99
75) Fluoranthene	19.275	202	2349460	46.281	ng	96
77) Benzidine	19.475	184	829418	71.876	ng	98
78) Pyrene	19.645	202	2453996	42.417	ng	99
80) Butylbenzylphthalate	20.592	149	1194771	48.214	ng	92
81) Benzo(a)anthracene	21.563	228	2613285	46.184	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	655356	32.998	ng	100
83) Chrysene	21.627	228	2413857	44.528	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1743091	47.983	ng	99
85) Di-n-octyl phthalate	22.763	149	2972573	50.334	ng	100
87) Indeno(1,2,3-cd)pyrene	28.686	276	3599634	48.860	ng	97
88) Benzo(b)fluoranthene	23.857	252	2825252	44.417	ng	# 97
89) Benzo(k)fluoranthene	23.927	252	2798597	45.549	ng	# 98
90) Benzo(a)pyrene	24.757	252	2680416	48.852	ng	# 97
91) Dibenzo(a,h)anthracene	28.756	278	2942837	48.125	ng	97
92) Benzo(g,h,i)perylene	29.856	276	2860132	45.952	ng	# 94

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

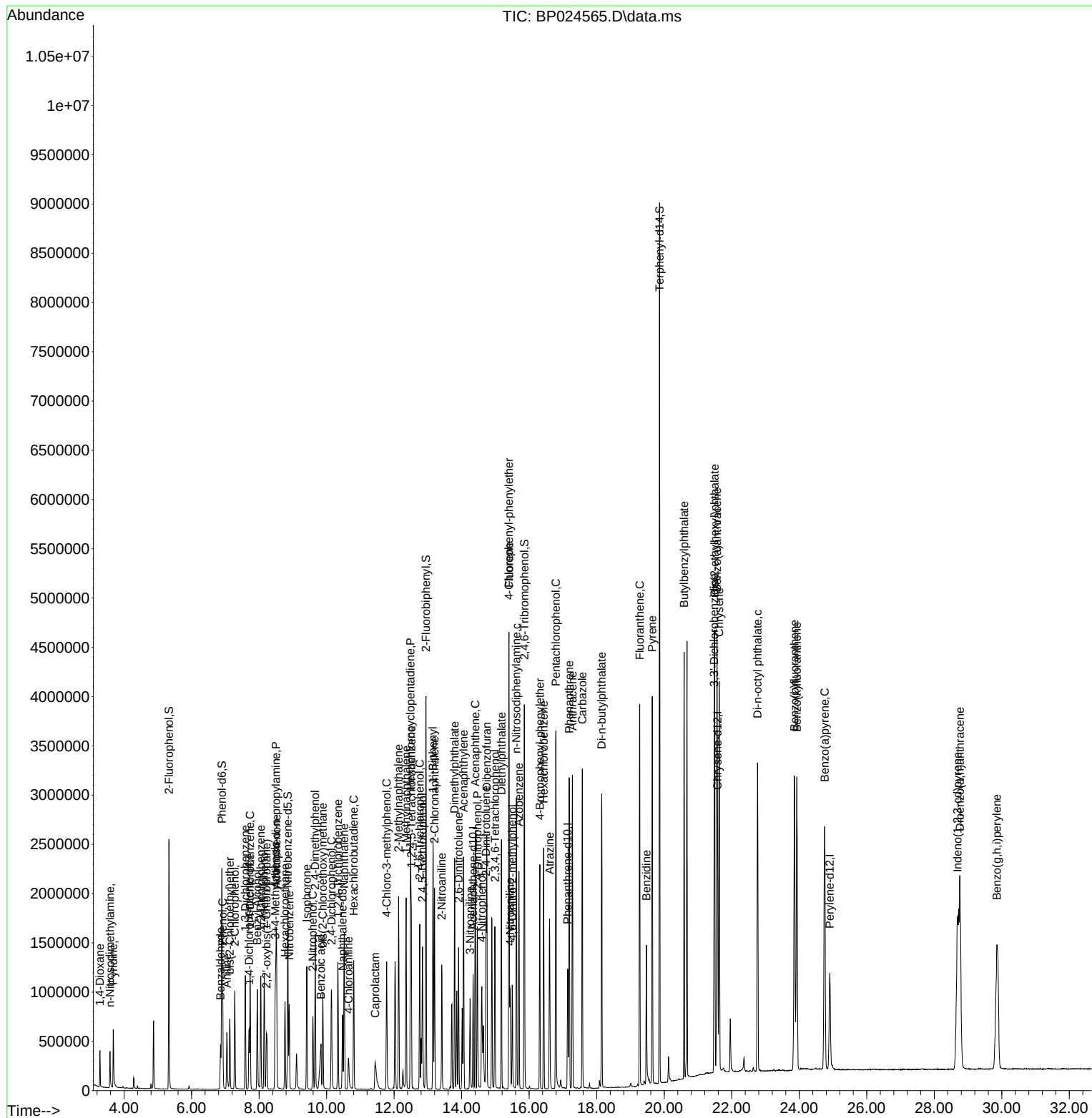
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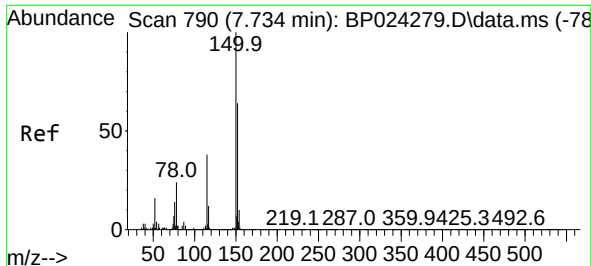
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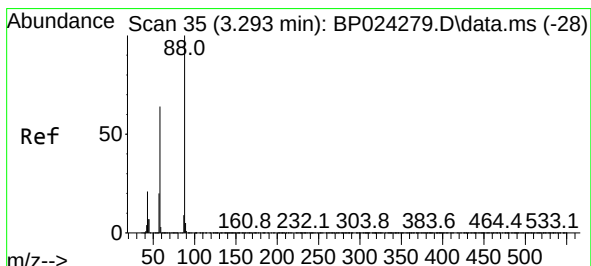
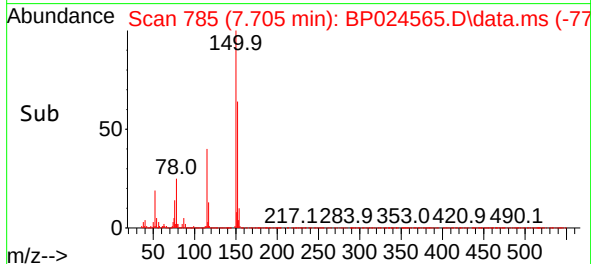
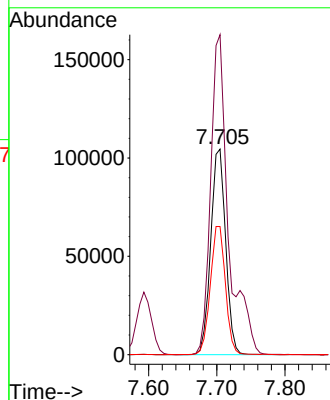
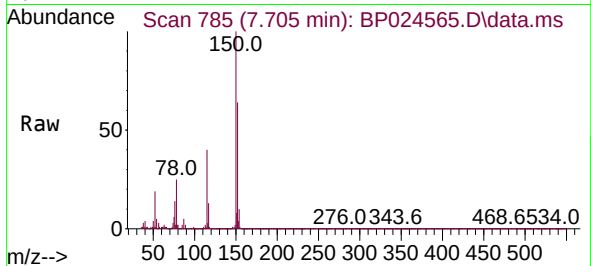




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

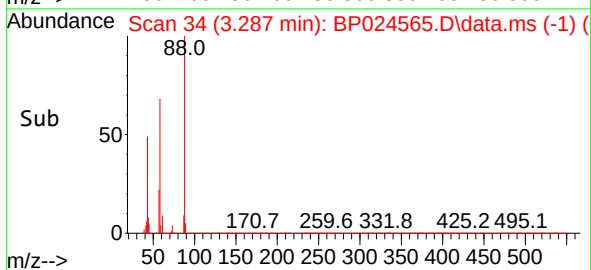
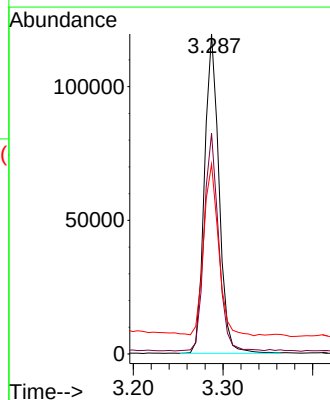
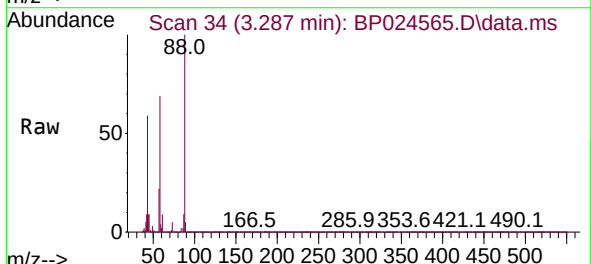
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

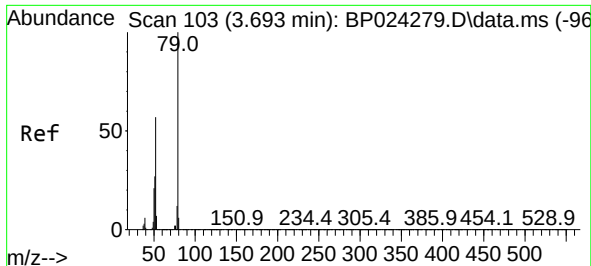
Tgt Ion:152 Resp: 159677
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 62.3 47.7 71.5



#2
1,4-Dioxane
Concen: 32.776 ng
RT: 3.287 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 88 Resp: 133883
Ion Ratio Lower Upper
88 100
58 67.5 51.4 77.2
43 55.1 17.1 25.7#

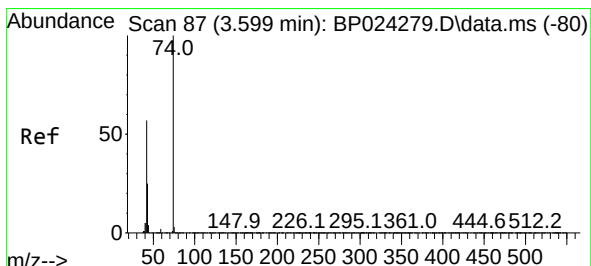
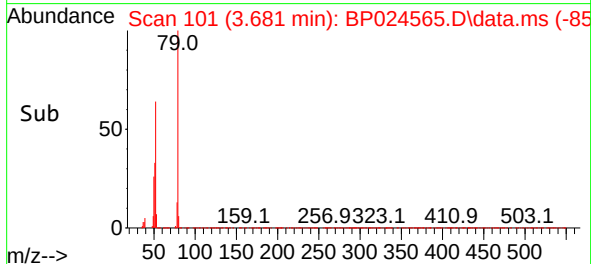
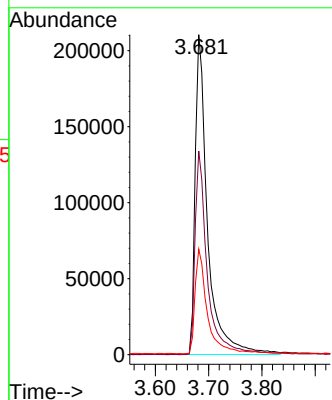
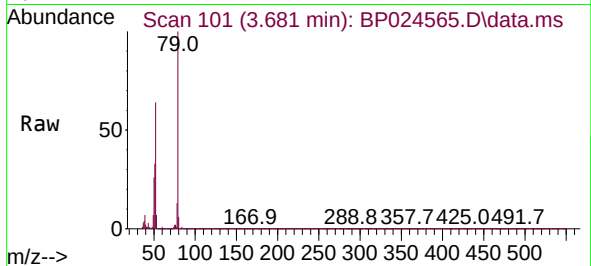




#3
Pyridine
Concen: 31.595 ng
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

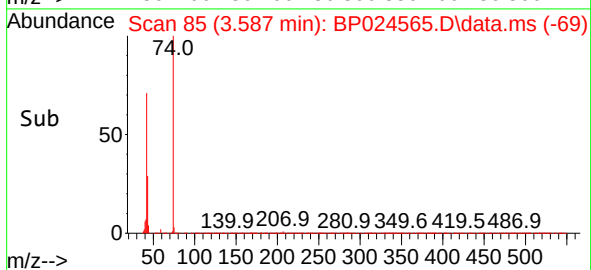
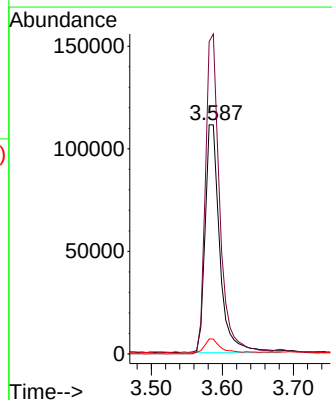
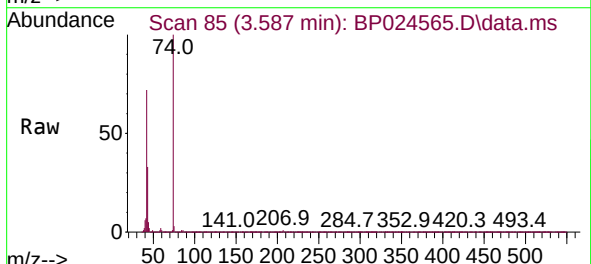
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

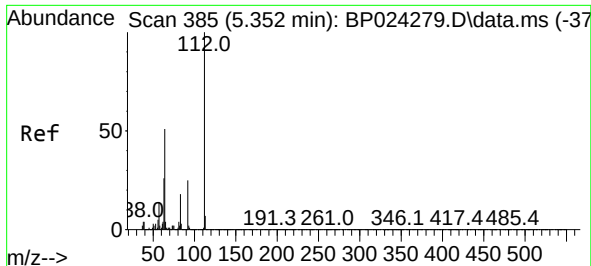
Tgt Ion: 79 Resp: 340784
Ion Ratio Lower Upper
79 100
52 63.6 45.4 68.2
51 33.0 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 44.769 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 42 Resp: 160260
Ion Ratio Lower Upper
42 100
74 139.6 139.5 209.3
44 6.5 5.8 8.8

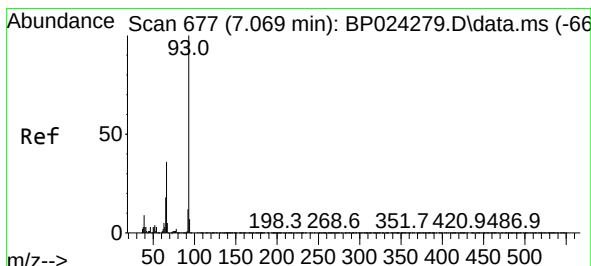
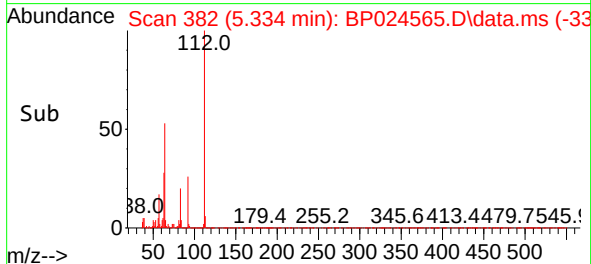
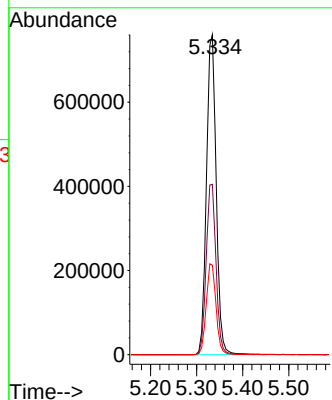
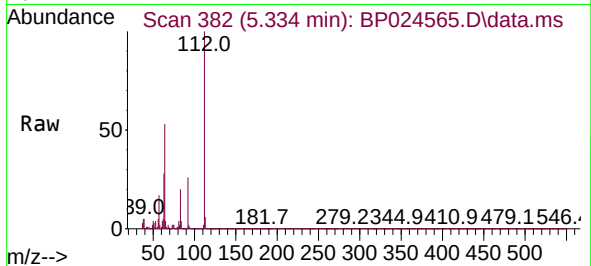




#5
2-Fluorophenol
Concen: 116.718 ng
RT: 5.334 min Scan# 385
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

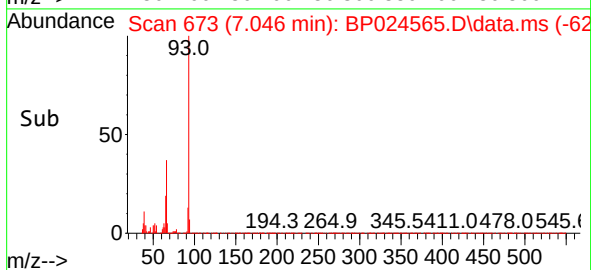
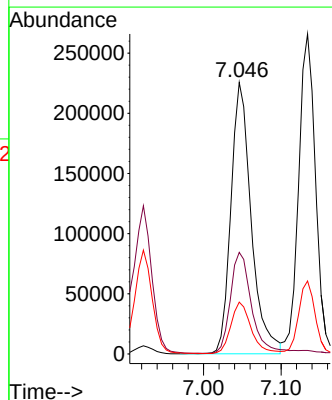
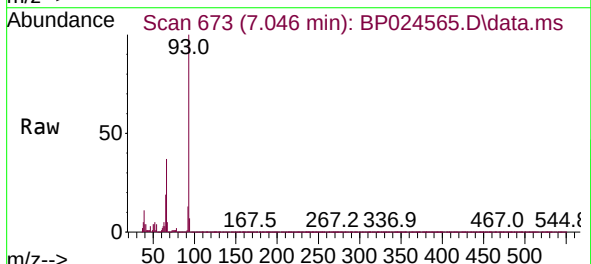
Instrument :
BNA_P
ClientSampleId :
MH-PMDS

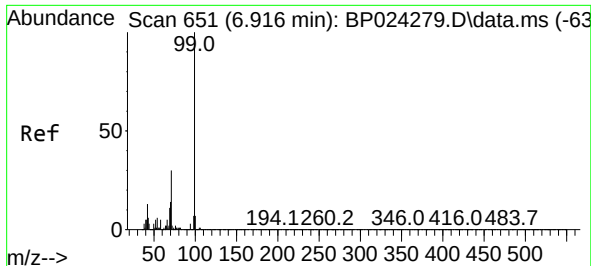
Tgt Ion:112 Resp: 1127168
Ion Ratio Lower Upper
112 100
64 53.3 41.1 61.7
63 28.0 20.6 30.8



#6
Aniline
Concen: 34.845 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 93 Resp: 411741
Ion Ratio Lower Upper
93 100
66 37.4 29.1 43.7
65 19.1 14.7 22.1





#7

Phenol-d6

Concen: 98.885 ng

RT: 6.899 min Scan# 64

Delta R.T. -0.012 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

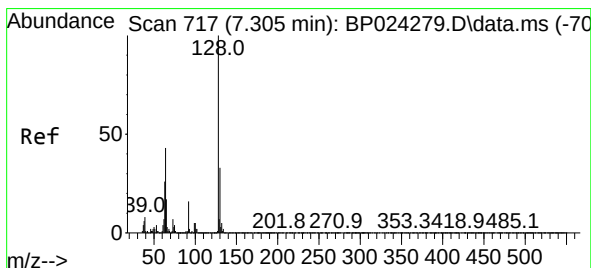
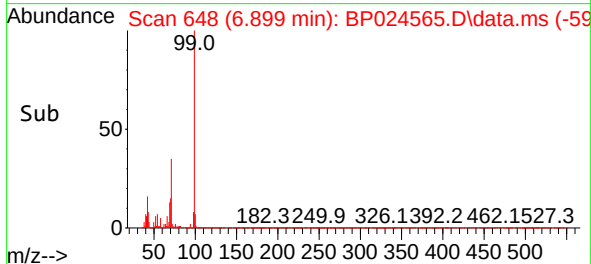
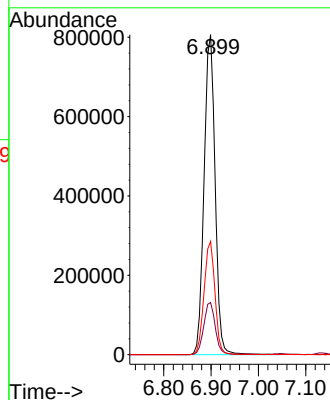
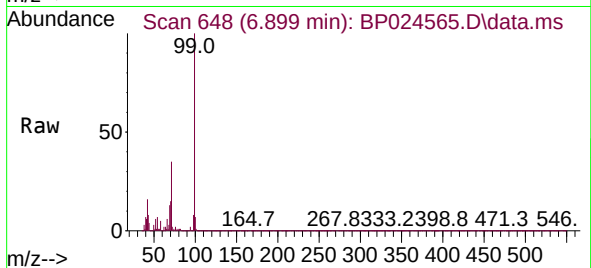
BNA_P

ClientSampleId :

MH-PMMSD

Tgt Ion: 99 Resp: 1307596

Ion	Ratio	Lower	Upper
99	100		
42	16.3	10.6	16.0#
71	35.4	23.7	35.5



#8

2-Chlorophenol

Concen: 42.004 ng

RT: 7.281 min Scan# 713

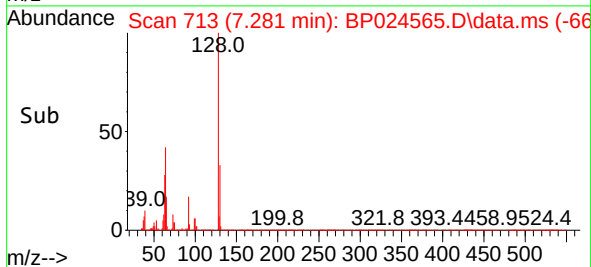
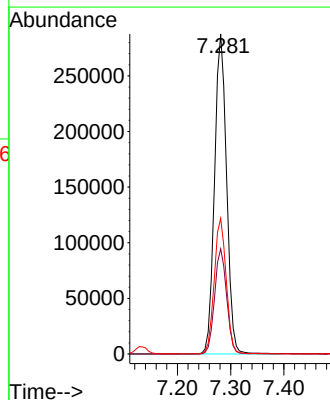
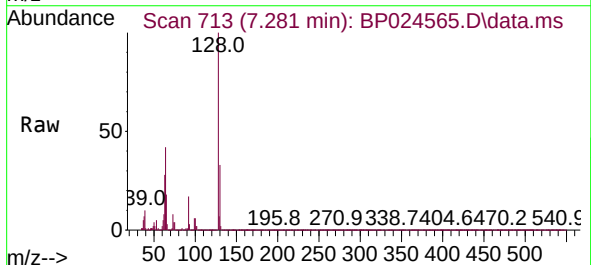
Delta R.T. -0.018 min

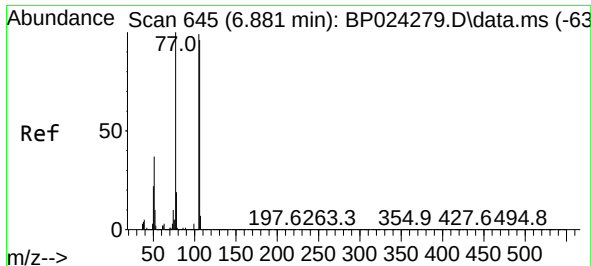
Lab File: BP024565.D

Acq: 07 May 2025 16:02

Tgt Ion:128 Resp: 452894

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	42.4	22.7	62.7

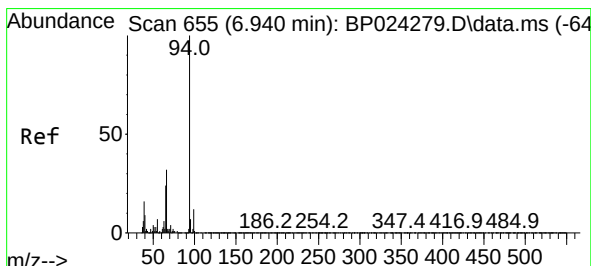
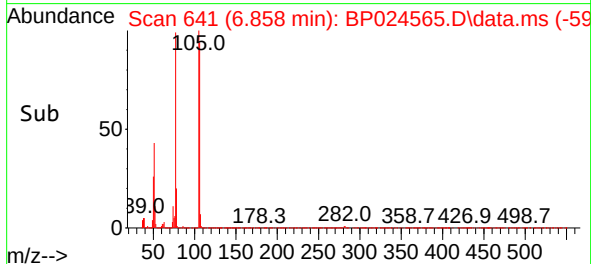
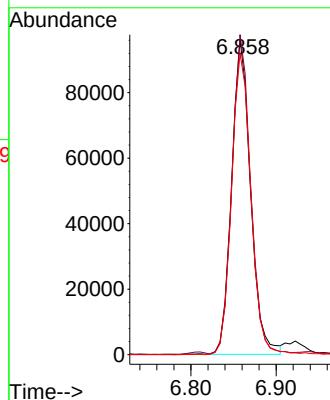
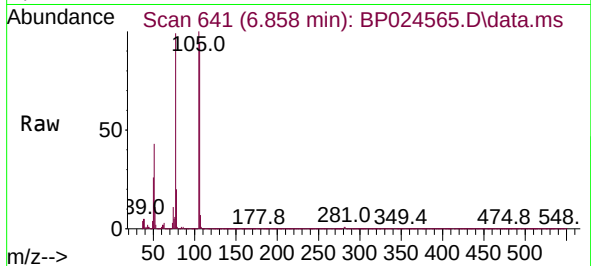




#9
Benzaldehyde
Concen: 22.722 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

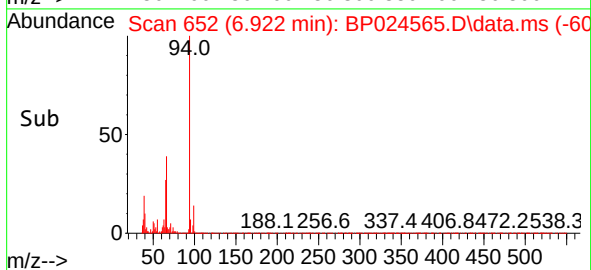
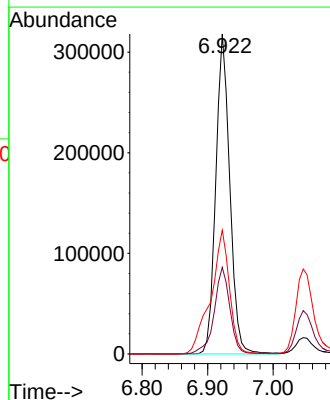
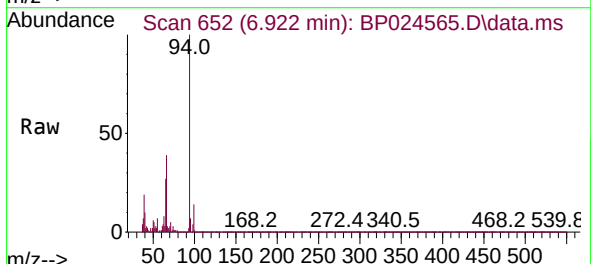
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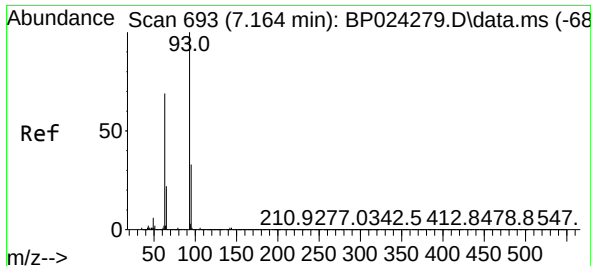
Tgt Ion: 77 Resp: 148628
Ion Ratio Lower Upper
77 100
105 101.4 79.2 119.2
106 95.4 76.2 116.2



#10
Phenol
Concen: 35.519 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 94 Resp: 471165
Ion Ratio Lower Upper
94 100
65 27.1 4.5 44.5
66 38.7 12.4 52.4

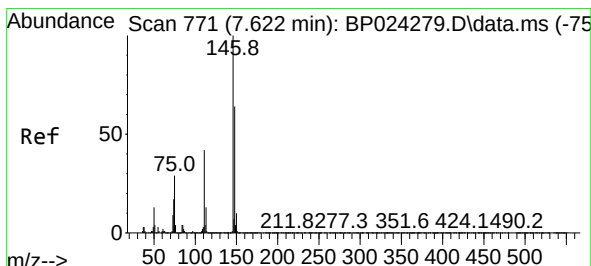
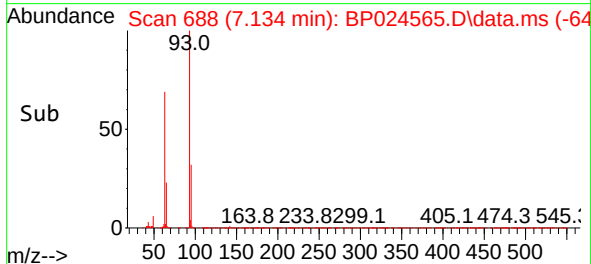
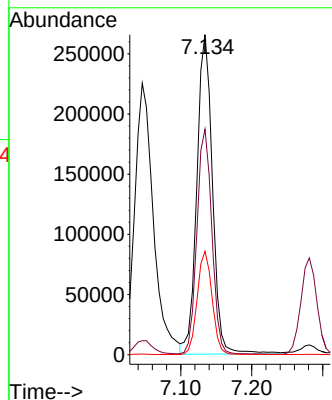
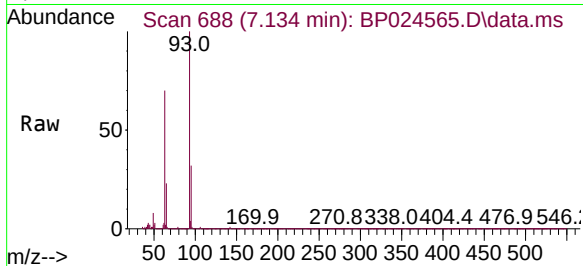




#11
bis(2-Chloroethyl)ether
Concen: 38.140 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

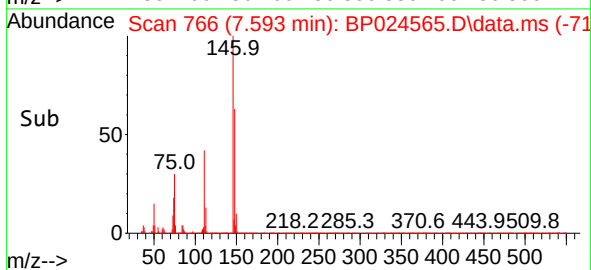
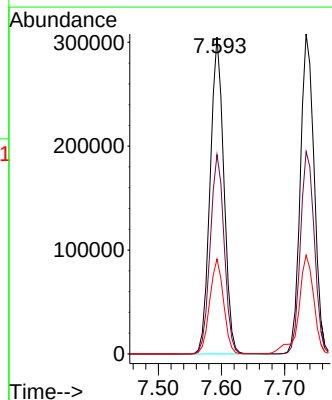
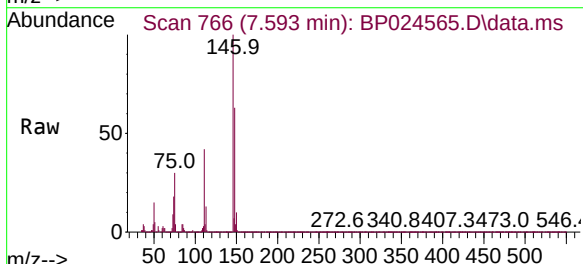
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

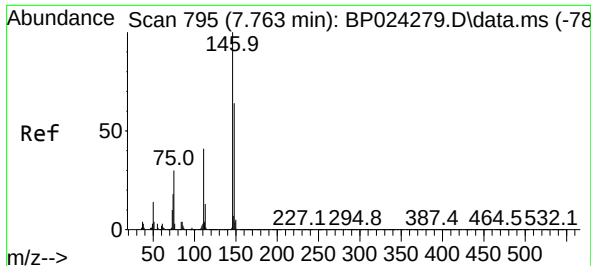
Tgt Ion: 93 Resp: 407626
Ion Ratio Lower Upper
93 100
63 70.4 48.6 88.6
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.556 ng
RT: 7.593 min Scan# 766
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 146 Resp: 459150
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.0
75 30.0 22.9 34.3

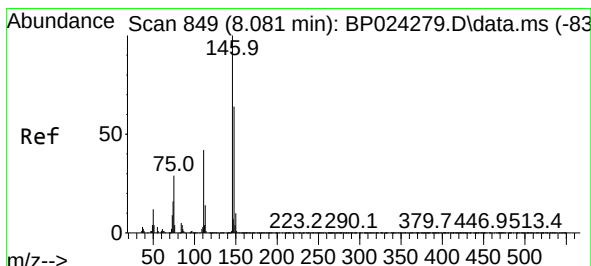
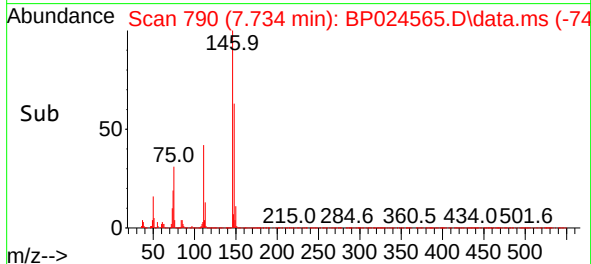
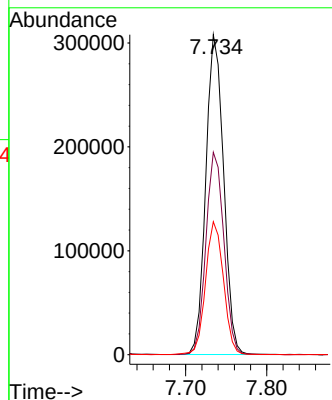
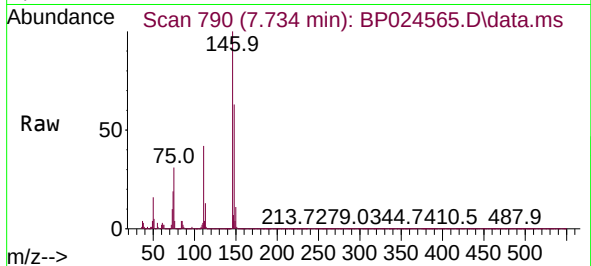




#13
1,4-Dichlorobenzene
Concen: 39.729 ng
RT: 7.734 min Scan# 795
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

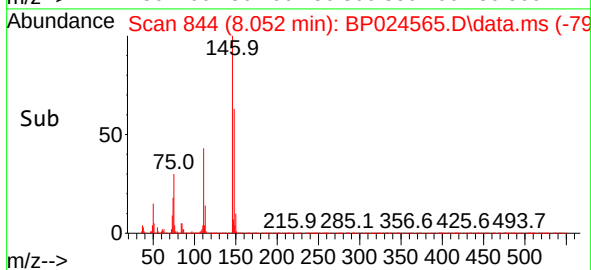
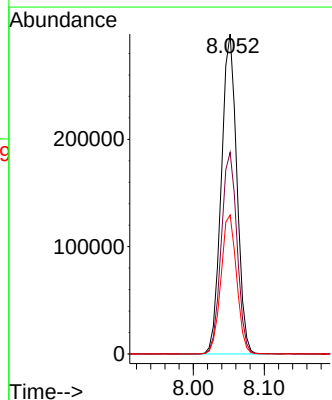
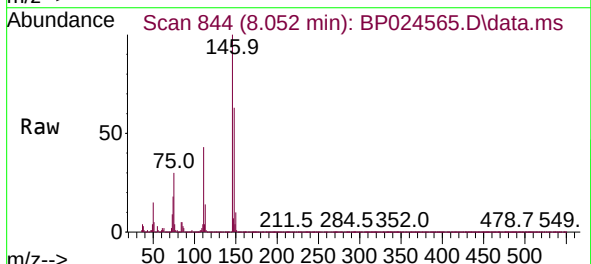
Instrument :
BNA_P
ClientSampleId :
MH-PMDS

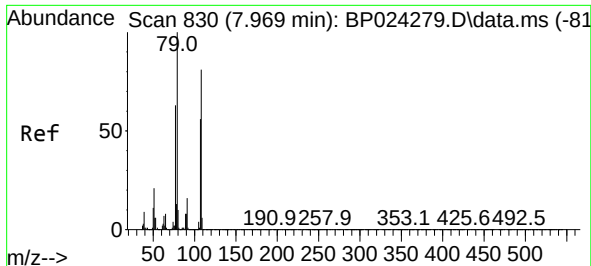
Tgt Ion:146 Resp: 467912
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 41.6 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 39.683 ng
RT: 8.052 min Scan# 844
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:146 Resp: 451294
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
111 43.4 33.8 50.8

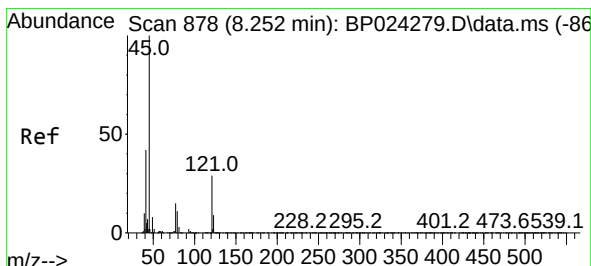
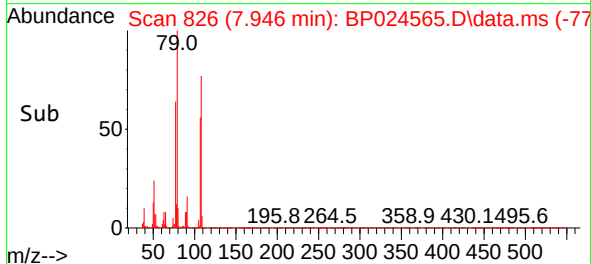
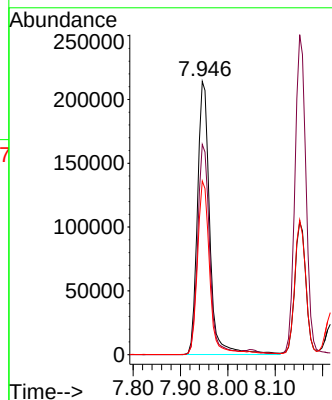
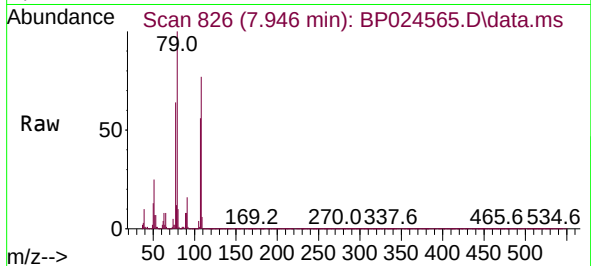




#15
Benzyl Alcohol
Concen: 45.104 ng
RT: 7.946 min Scan# 811
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

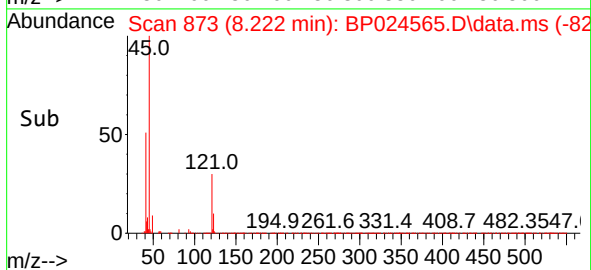
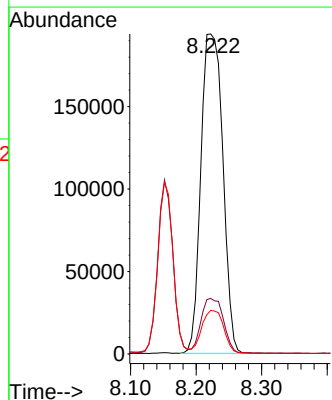
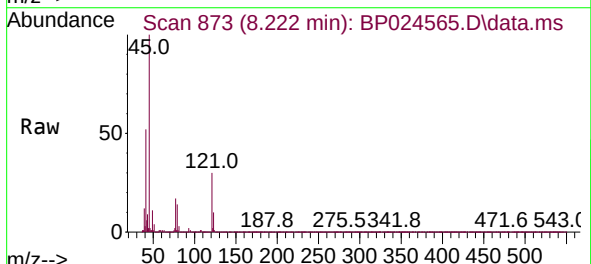
Instrument :
BNA_P
ClientSampleId :
MH-PMDS

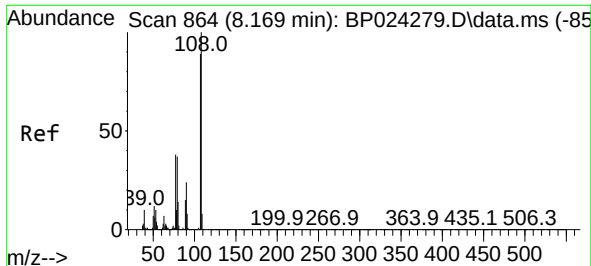
Tgt Ion: 79 Resp: 385709
Ion Ratio Lower Upper
79 100
108 76.9 65.1 97.7
77 63.6 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.051 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 45 Resp: 451136
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.7
79 13.6 0.0 33.5

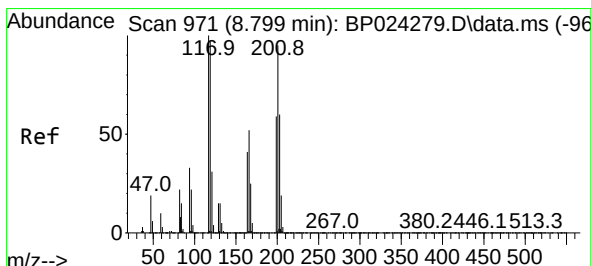
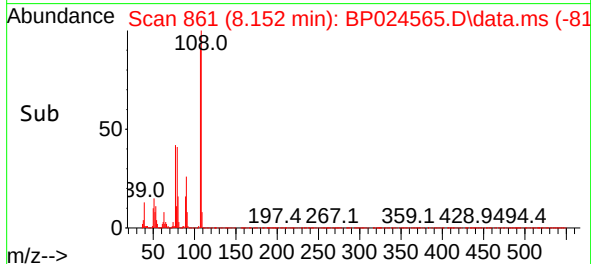
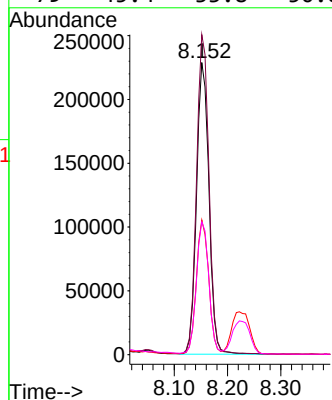
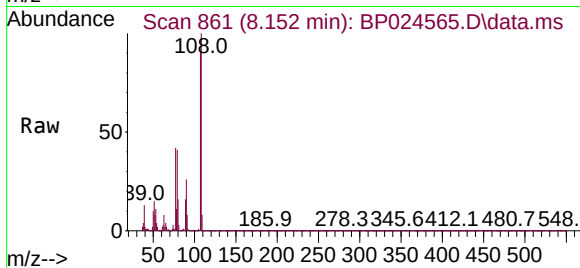




#17
2-Methylphenol
Concen: 43.123 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

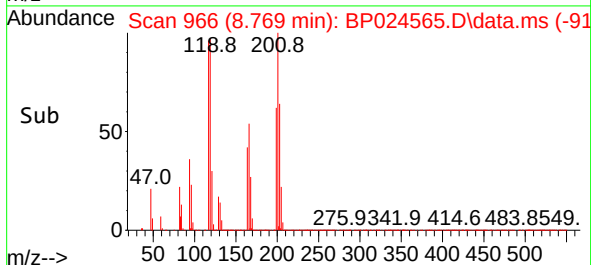
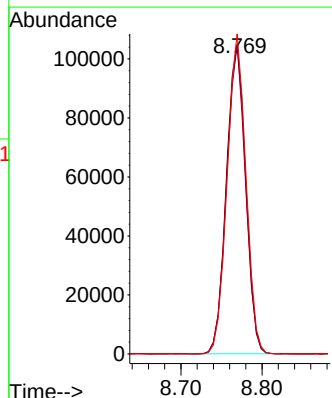
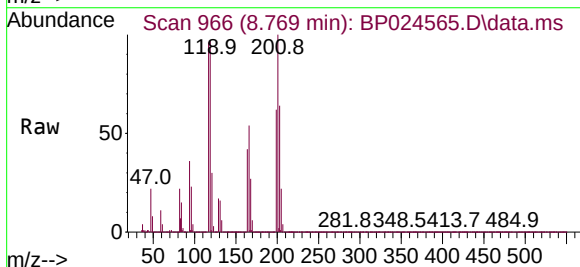
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

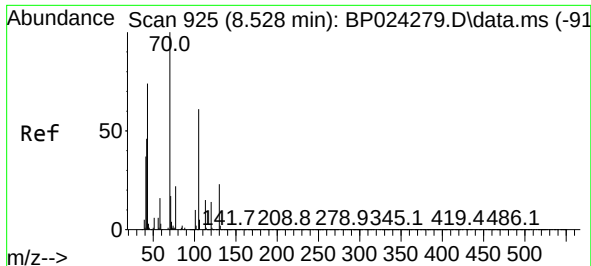
Tgt Ion:	107	Resp:	370051
Ion	Ratio	Lower	Upper
107	100		
108	109.5	89.8	134.6
77	46.1	34.2	51.4
79	45.4	33.8	50.8



#18
Hexachloroethane
Concen: 40.646 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:	117	Resp:	173000
Ion	Ratio	Lower	Upper
117	100		
119	100.6	77.8	116.6
201	103.9	75.9	113.9

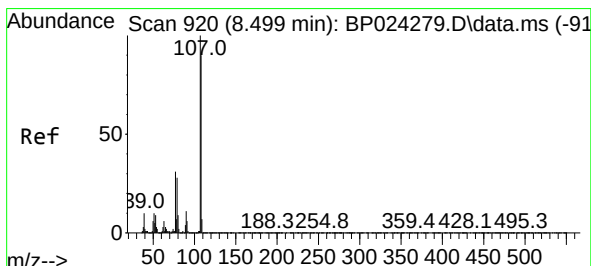
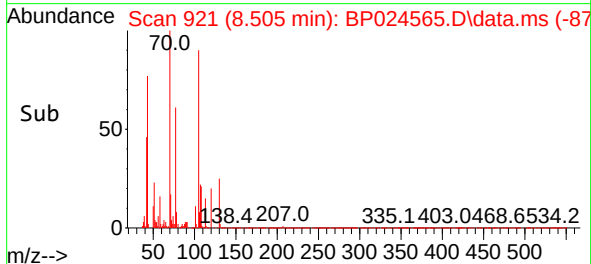
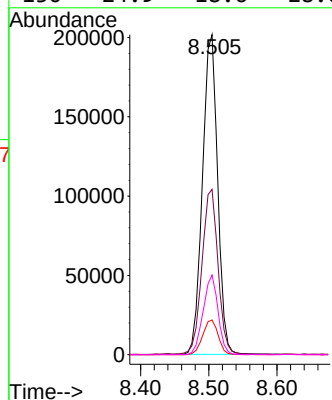
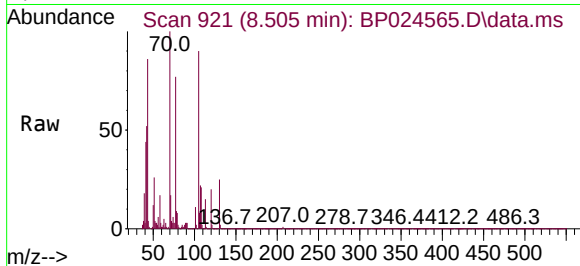




#19
n-Nitroso-di-n-propylamine
Concen: 38.167 ng
RT: 8.505 min Scan# 917
Delta R.T. -0.018 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

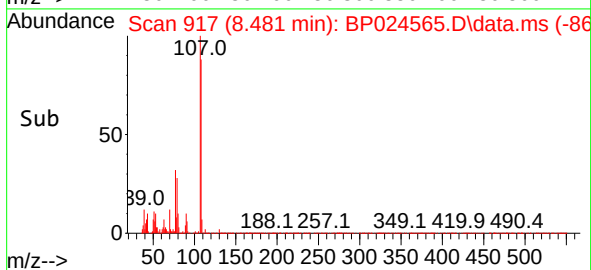
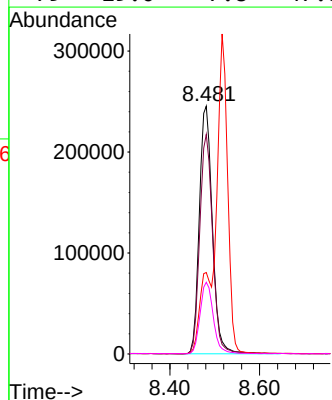
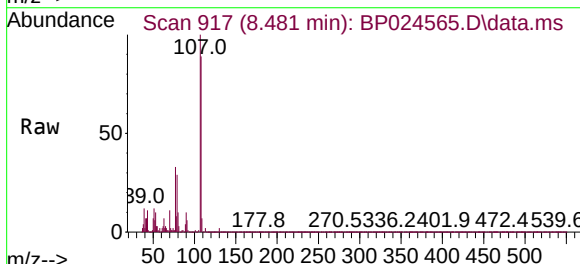
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

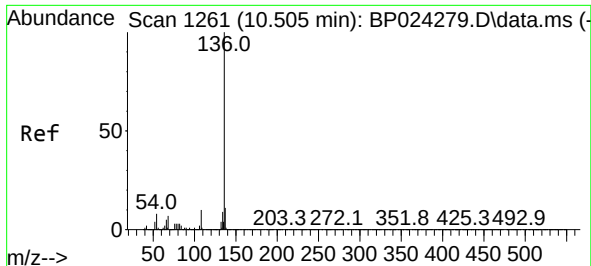
Tgt Ion: 70 Resp: 312238
Ion Ratio Lower Upper
70 100
42 51.7 37.3 55.9
101 10.9 8.2 12.4
130 24.9 18.6 28.0



#20
3+4-Methylphenols
Concen: 41.541 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 107 Resp: 494623
Ion Ratio Lower Upper
107 100
108 88.6 69.8 109.8
77 32.8 11.5 51.5
79 29.0 7.8 47.8

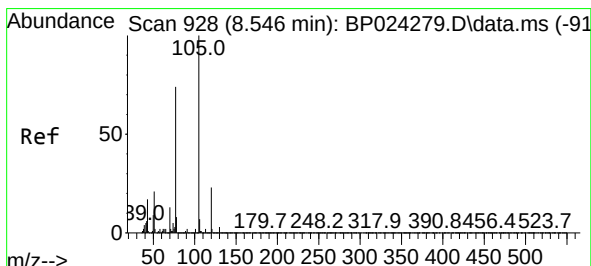
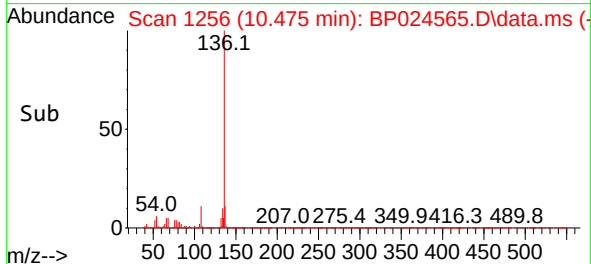
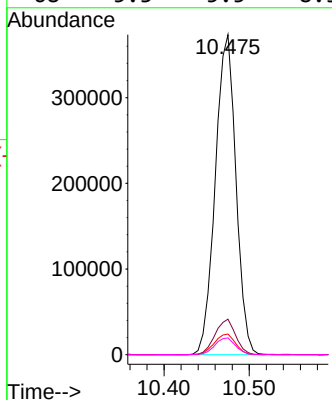
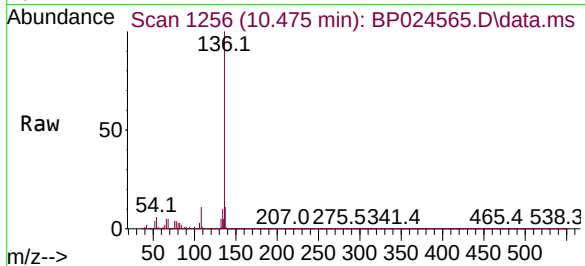




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

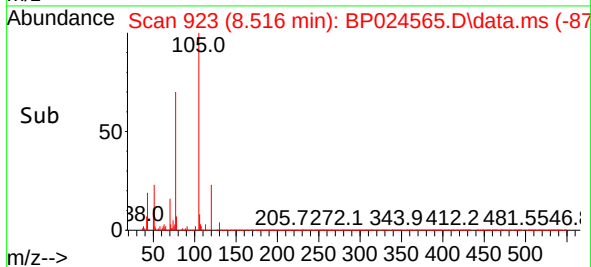
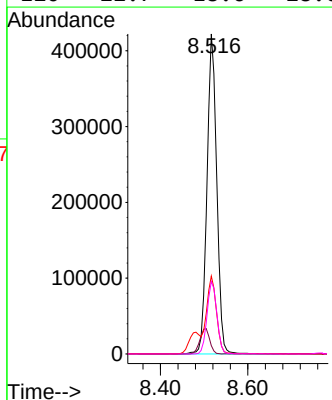
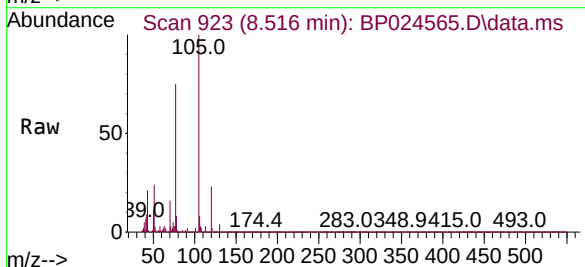
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

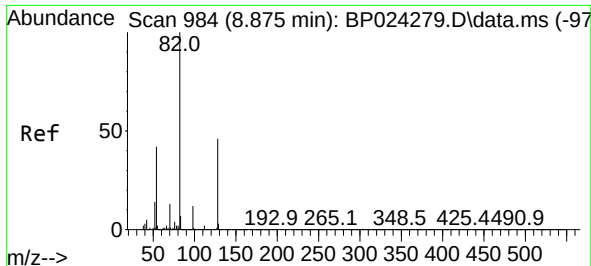
Tgt Ion:	136	Resp:	629287
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.5	6.0	9.0
68	5.3	5.5	8.3



#22
Acetophenone
Concen: 42.136 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:	105	Resp:	656279
Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.7	2.5
51	24.3	16.9	25.3
120	22.7	18.6	28.0

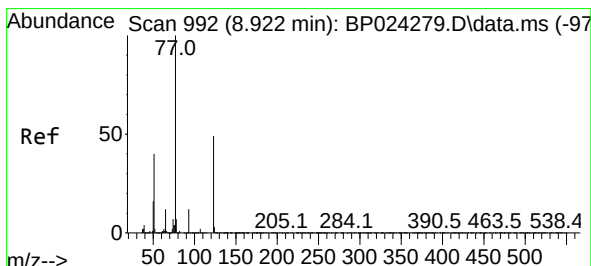
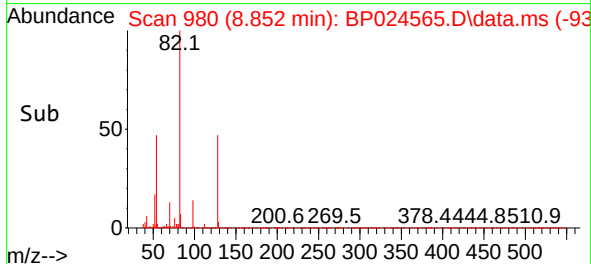
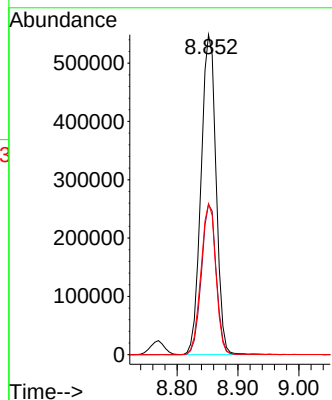
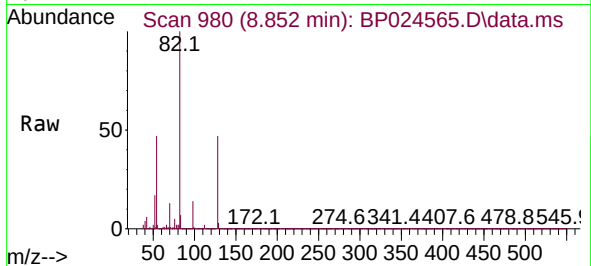




#23
Nitrobenzene-d5
Concen: 85.210 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

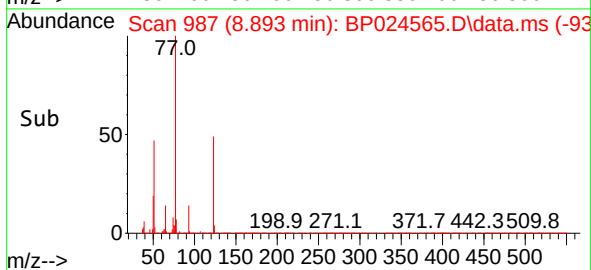
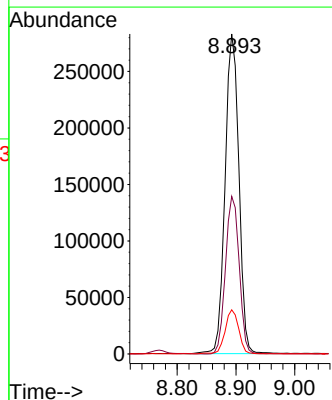
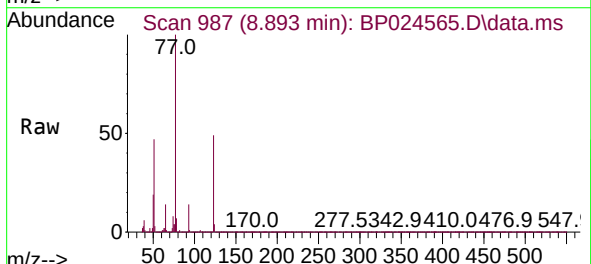
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

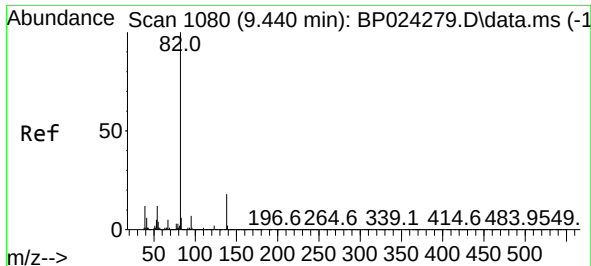
Tgt Ion: 82 Resp: 940382
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 47.2 33.4 50.2



#24
Nitrobenzene
Concen: 42.217 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 77 Resp: 460898
Ion Ratio Lower Upper
77 100
123 49.3 39.2 58.8
65 13.8 9.8 14.6

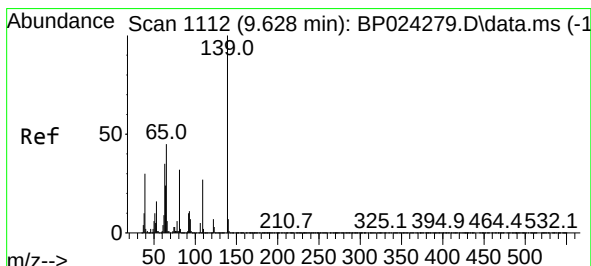
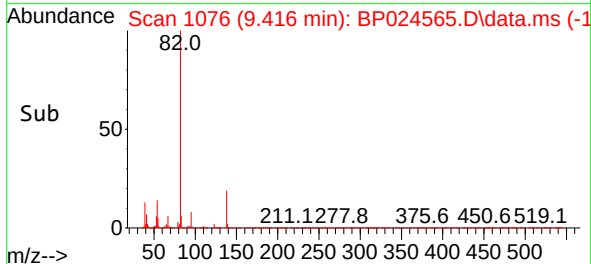
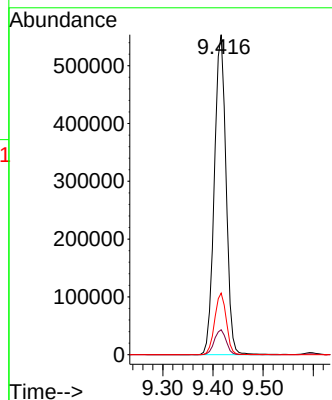
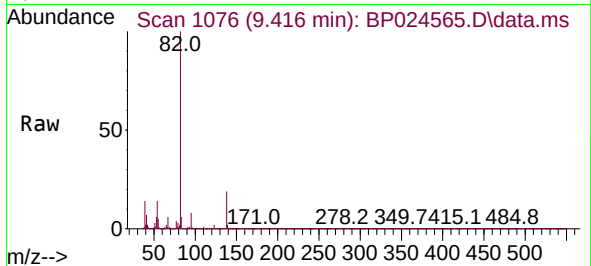




#25
Isophorone
Concen: 44.746 ng
RT: 9.416 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

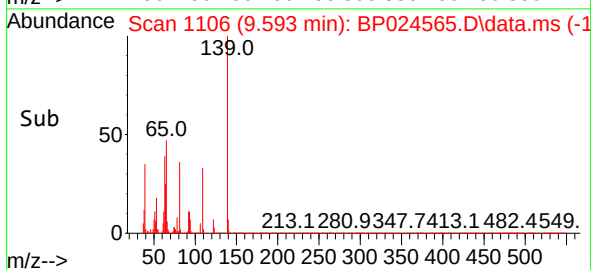
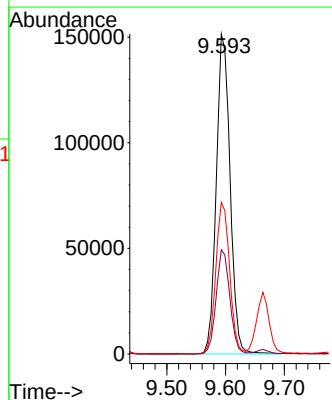
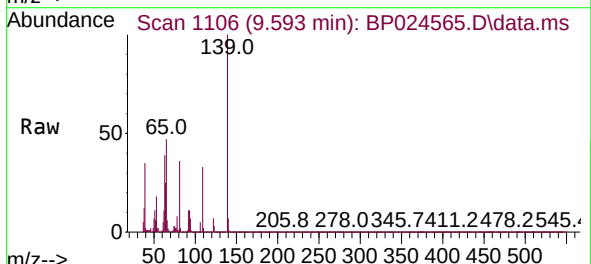
Instrument :
BNA_P
ClientSampleId :
MH-PMDS

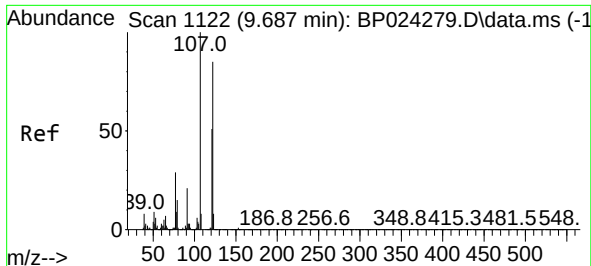
Tgt Ion: 82 Resp: 893851
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.2
138 19.2 14.4 21.6



#26
2-Nitrophenol
Concen: 46.092 ng
RT: 9.593 min Scan# 1106
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 139 Resp: 246256
Ion Ratio Lower Upper
139 100
109 32.5 21.8 32.6
65 47.4 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 63.375 ng

RT: 9.663 min Scan# 1118

Delta R.T. -0.018 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

BNA_P

ClientSampleId :

MH-PMSD

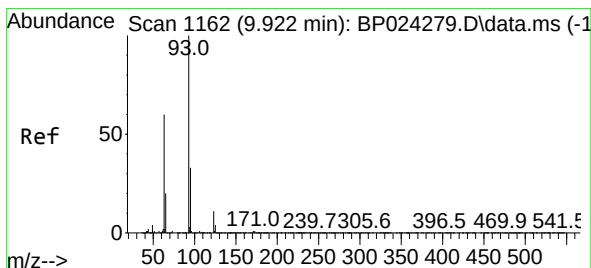
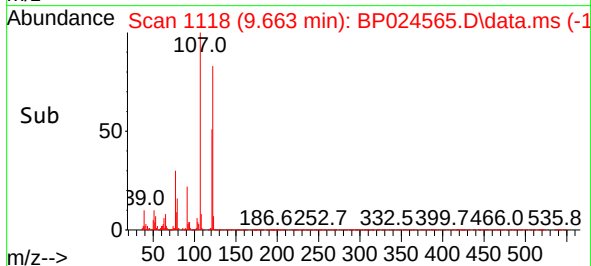
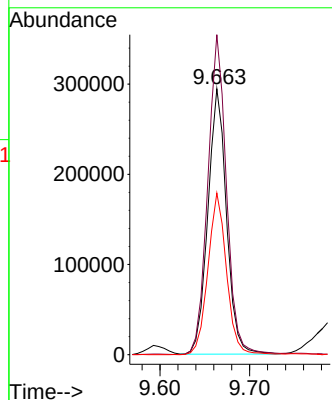
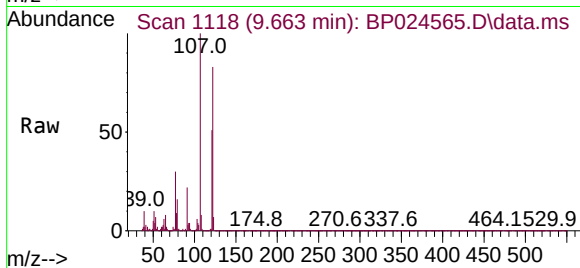
Tgt Ion:122 Resp: 425149

Ion Ratio Lower Upper

122 100

107 120.3 93.7 140.5

121 60.8 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 40.308 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.023 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

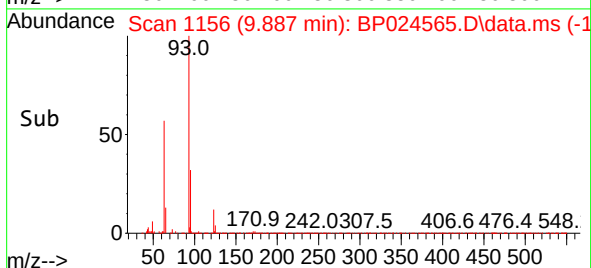
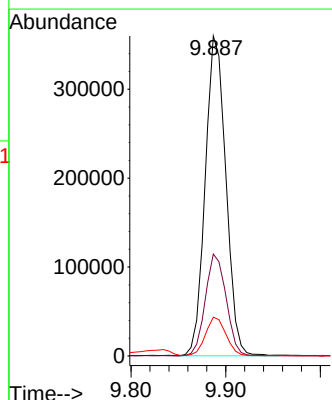
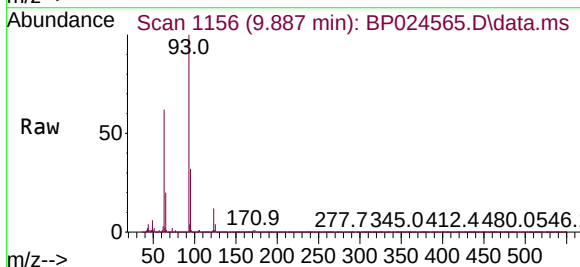
Tgt Ion: 93 Resp: 543934

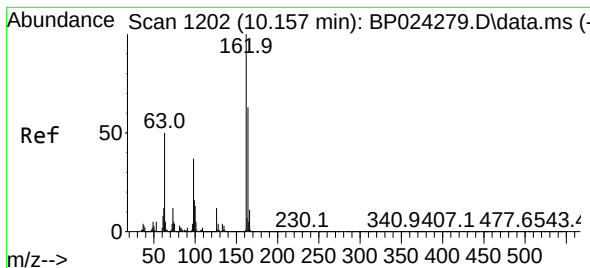
Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.642 ng

RT: 10.146 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

BNA_P

ClientSampleId :

MH-PMSD

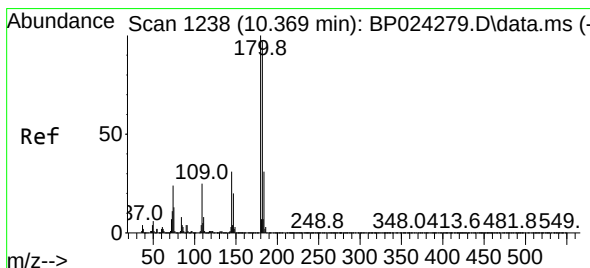
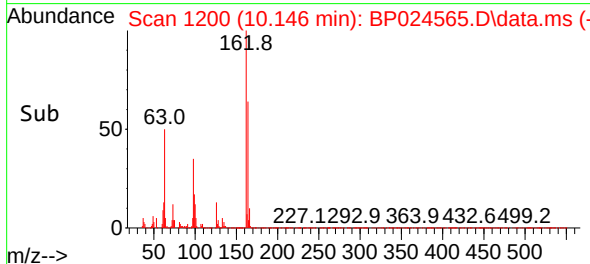
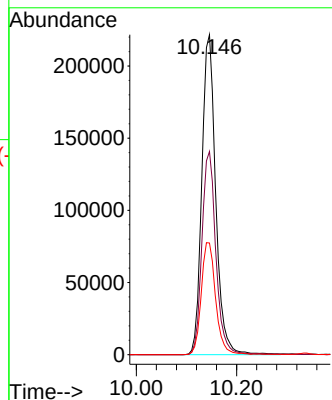
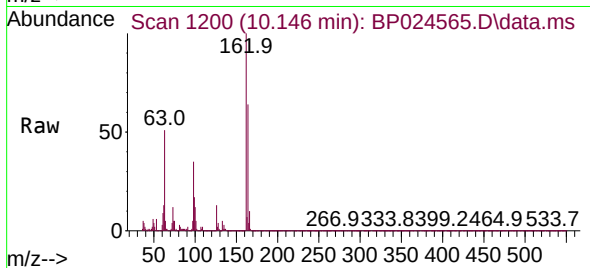
Tgt Ion:162 Resp: 426633

Ion Ratio Lower Upper

162 100

164 63.5 43.3 83.3

98 34.9 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.683 ng

RT: 10.334 min Scan# 1232

Delta R.T. -0.029 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

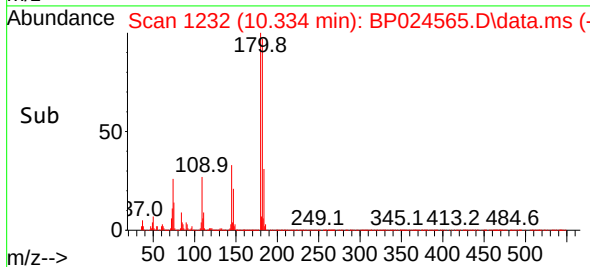
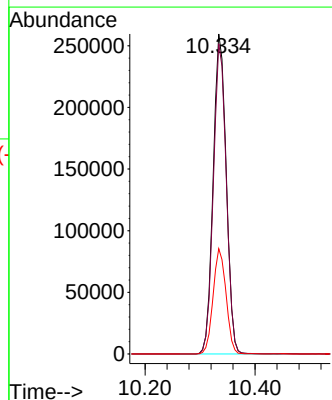
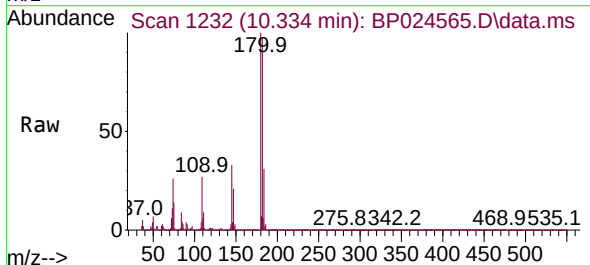
Tgt Ion:180 Resp: 428107

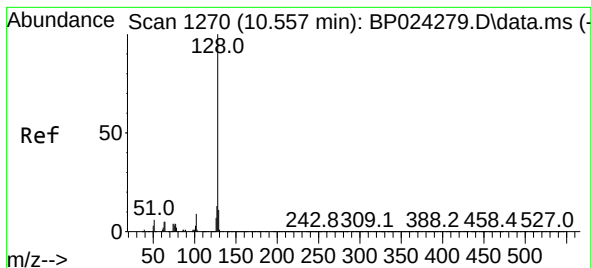
Ion Ratio Lower Upper

180 100

182 96.9 77.3 115.9

145 32.9 25.1 37.7

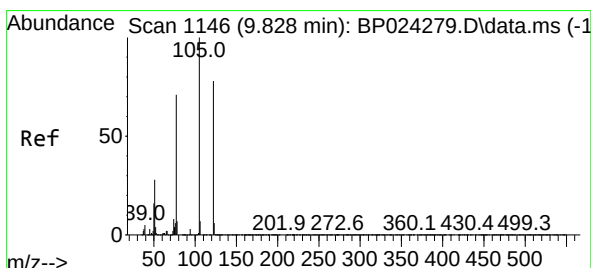
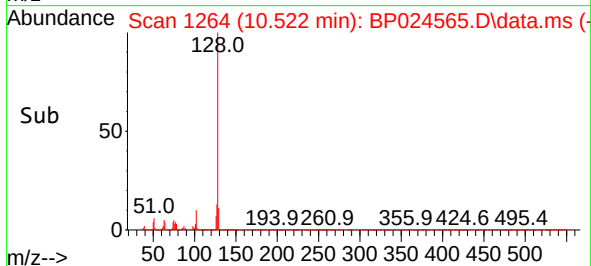
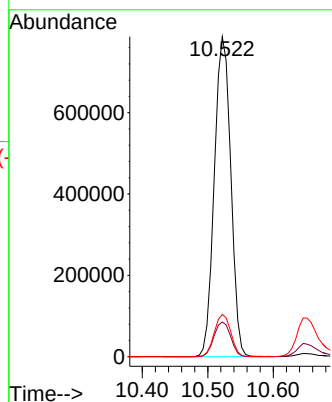
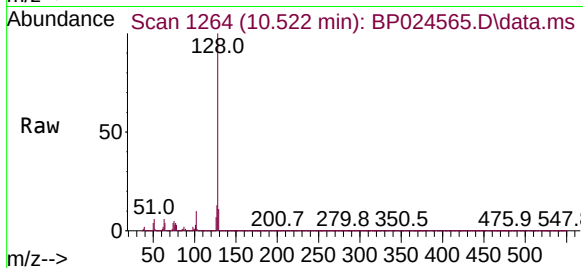




#31
Naphthalene
Concen: 41.311 ng
RT: 10.522 min Scan# 1126
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

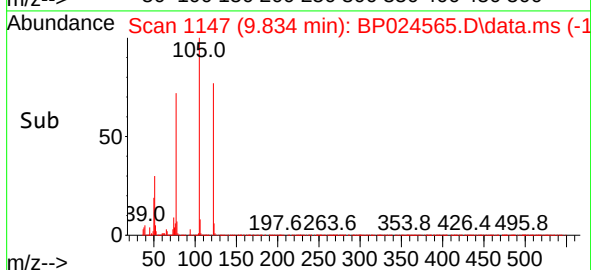
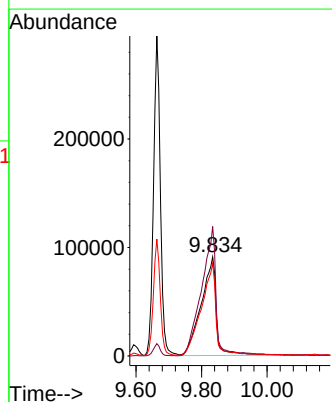
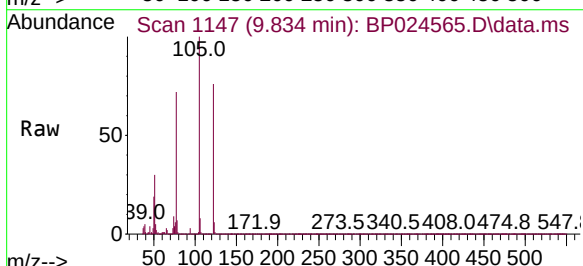
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

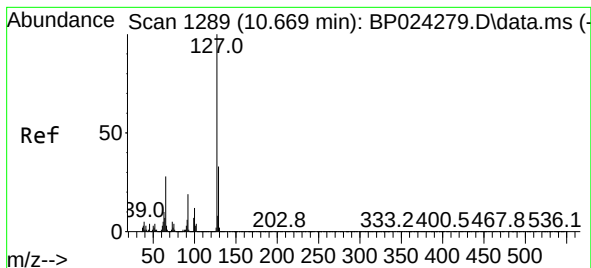
Tgt Ion:128 Resp: 1369401
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 37.531 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:122 Resp: 293369
Ion Ratio Lower Upper
122 100
105 130.7 104.8 144.8
77 93.8 69.2 109.2

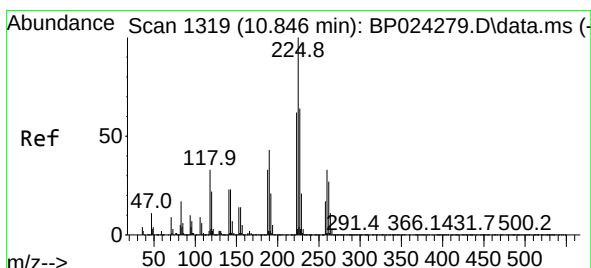
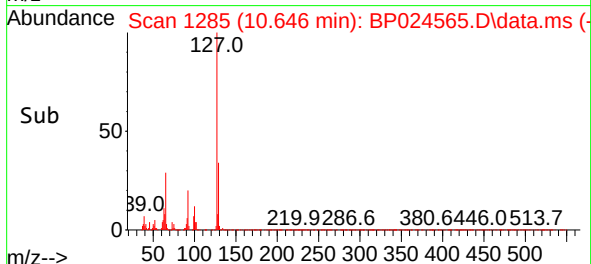
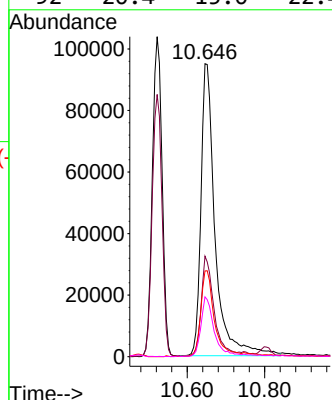
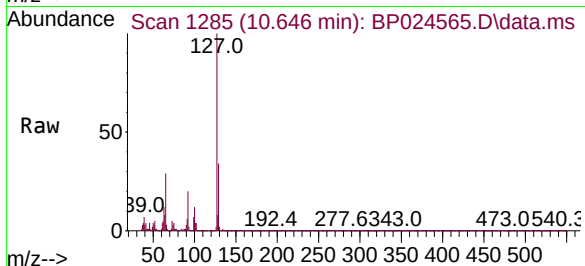




#33
4-Chloroaniline
Concen: 20.661 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

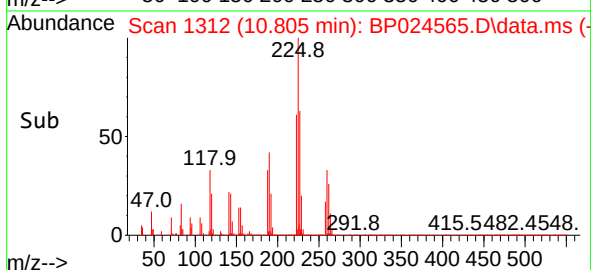
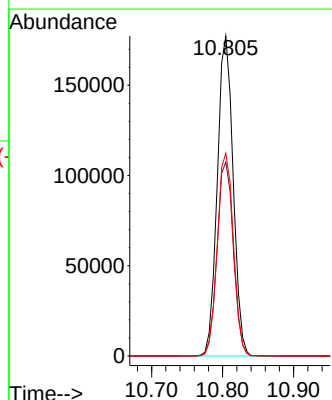
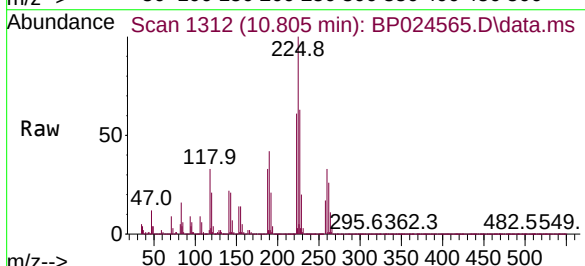
Instrument :
BNA_P
ClientSampleId :
MH-PMDS

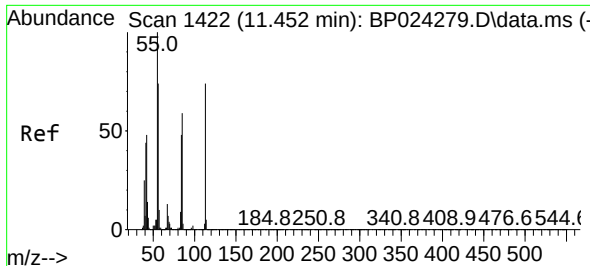
Tgt Ion:	127	Resp:	241183
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.1	39.1
65	29.3	22.1	33.1
92	20.4	15.0	22.4



#34
Hexachlorobutadiene
Concen: 47.414 ng
RT: 10.805 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:	225	Resp:	273052
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.5	74.3
227	63.4	50.9	76.3

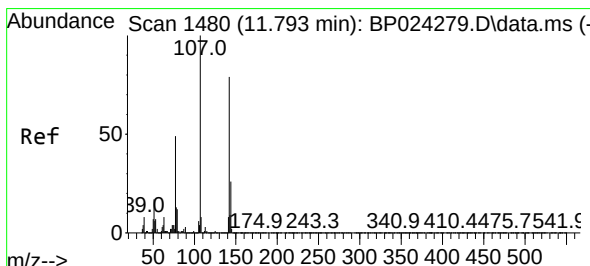
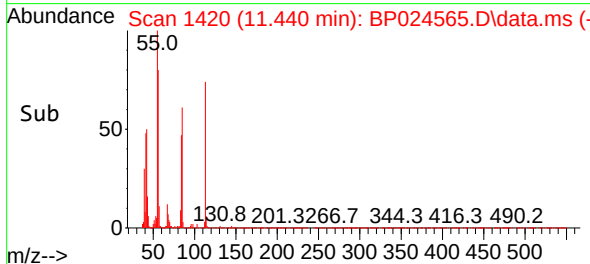
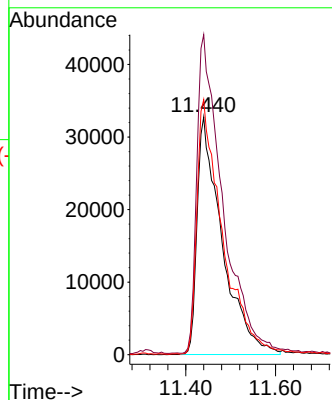
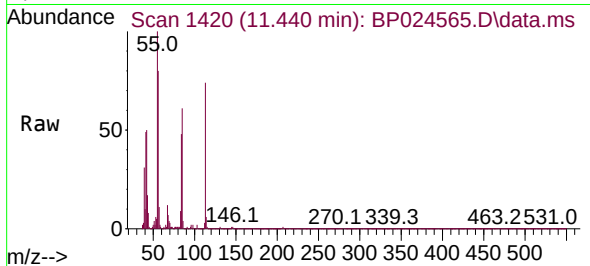




#35
Caprolactam
Concen: 37.363 ng
RT: 11.440 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

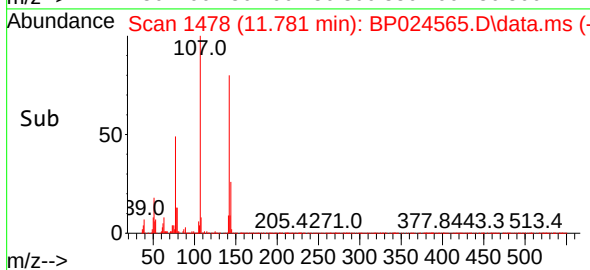
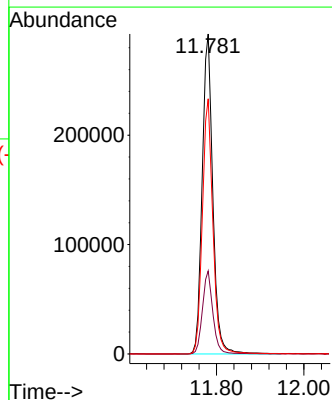
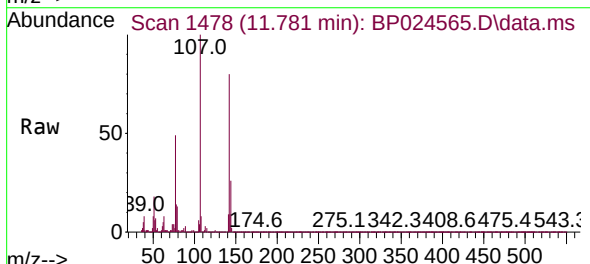
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

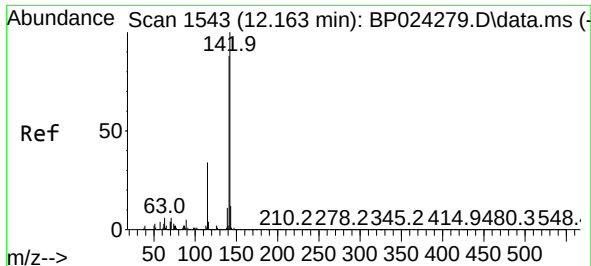
Tgt Ion:113 Resp: 126101
Ion Ratio Lower Upper
113 100
55 134.6 115.9 155.9
56 107.3 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 46.443 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:107 Resp: 494806
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 79.7 63.4 95.2

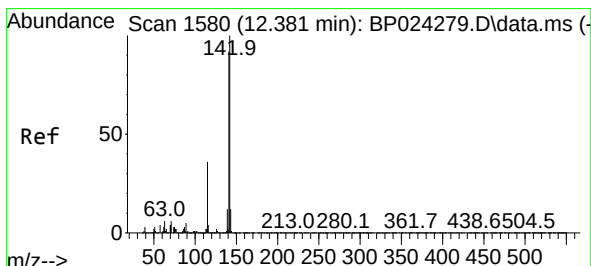
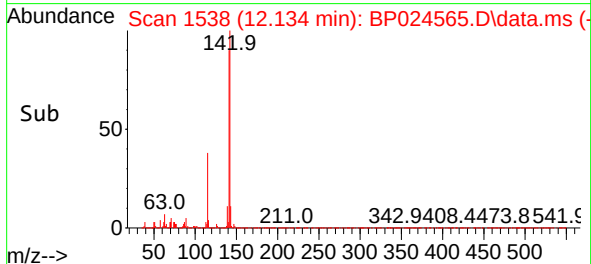
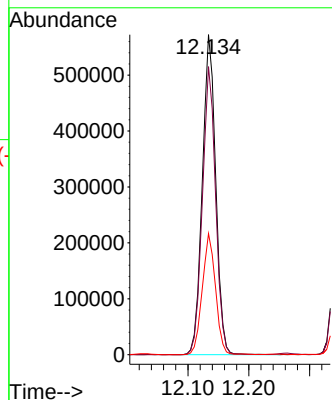
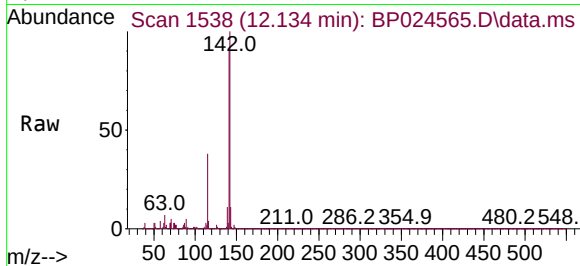




#37
2-Methylnaphthalene
Concen: 38.019 ng
RT: 12.134 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

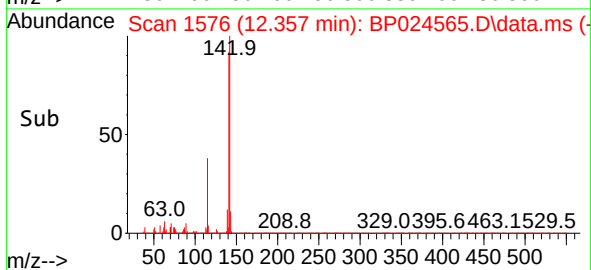
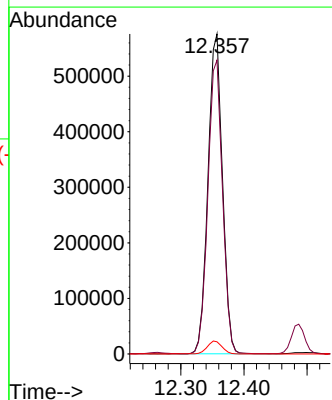
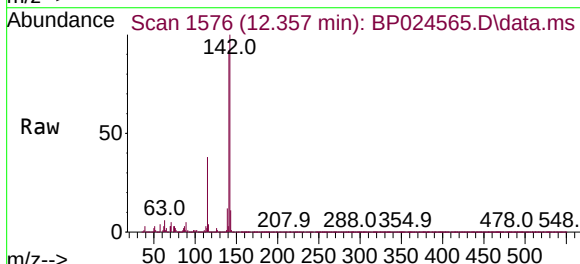
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

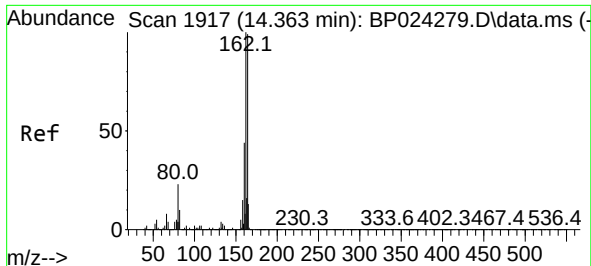
Tgt Ion:142 Resp: 874016
Ion Ratio Lower Upper
142 100
141 90.0 70.3 105.5
115 37.8 26.9 40.3



#38
1-Methylnaphthalene
Concen: 40.827 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:142 Resp: 918193
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4
116 3.8 3.0 4.6

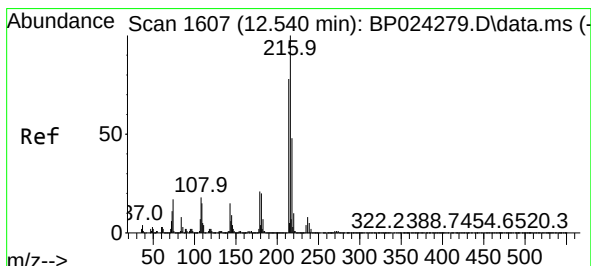
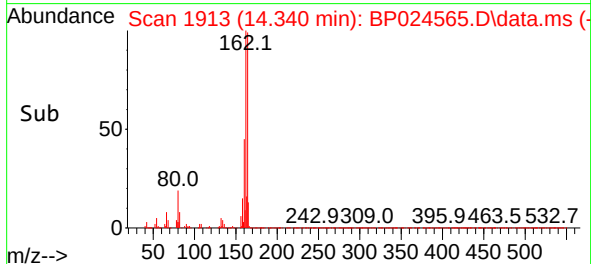
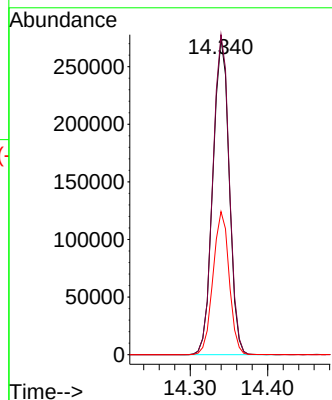
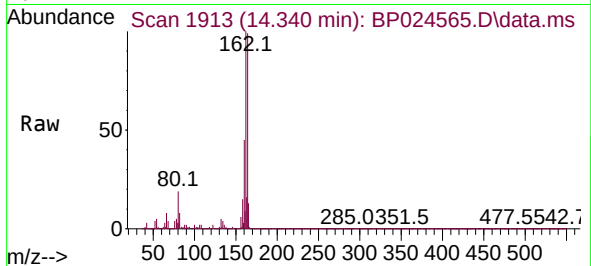




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

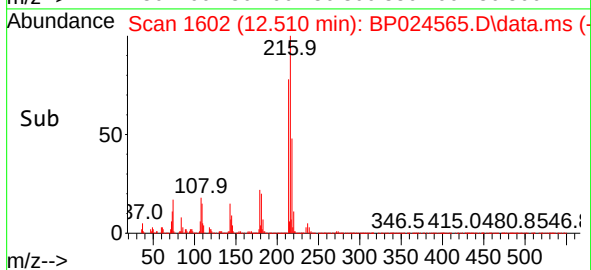
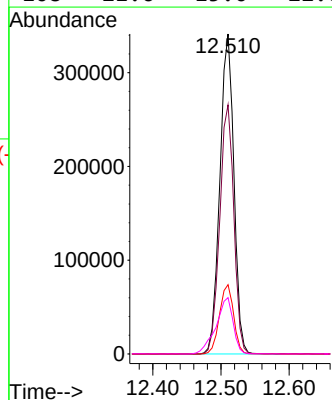
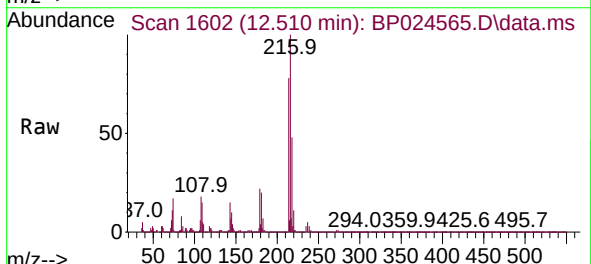
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

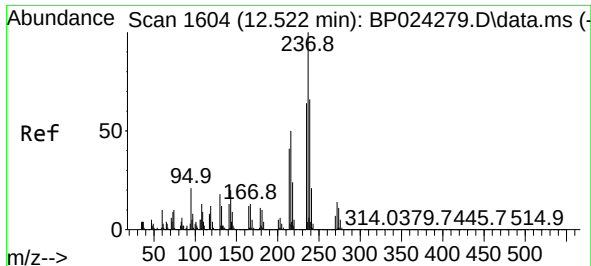
Tgt Ion:164 Resp: 400886
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 45.3 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.325 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:216 Resp: 488659
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 21.9 17.2 25.8
108 21.6 15.0 22.6

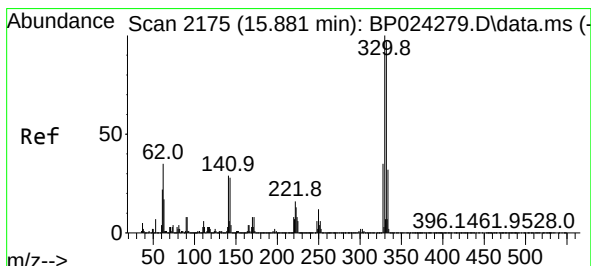
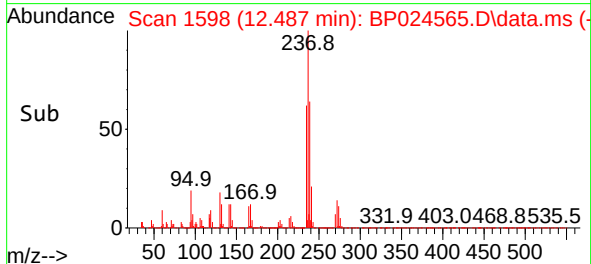
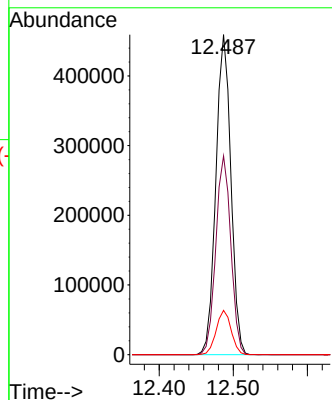
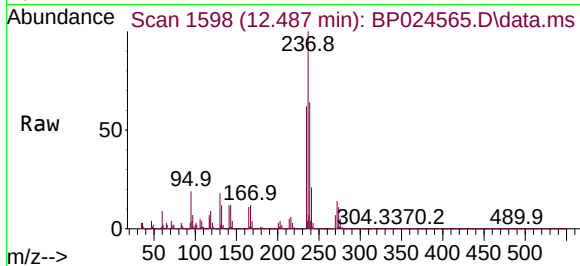




#41
Hexachlorocyclopentadiene
Concen: 165.403 ng
RT: 12.487 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

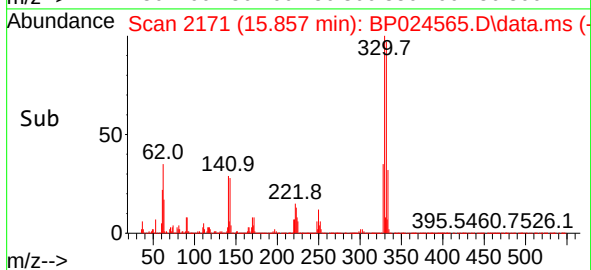
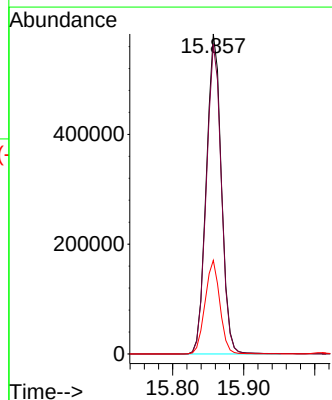
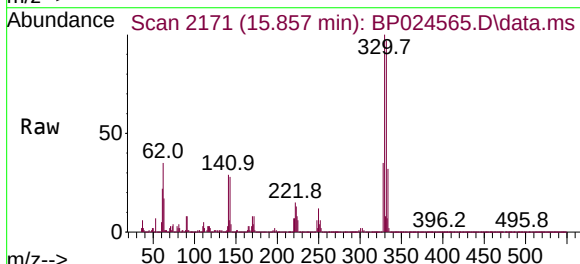
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

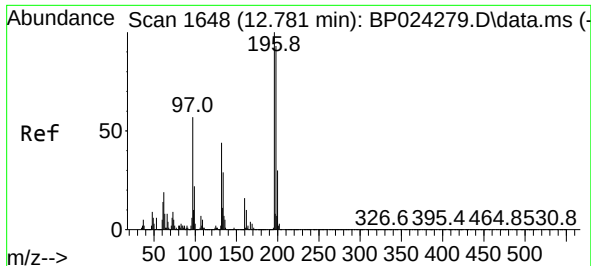
Tgt Ion:237 Resp: 644912
Ion Ratio Lower Upper
237 100
235 62.1 43.9 83.9
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 154.819 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:330 Resp: 858700
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 28.8 24.7 37.1

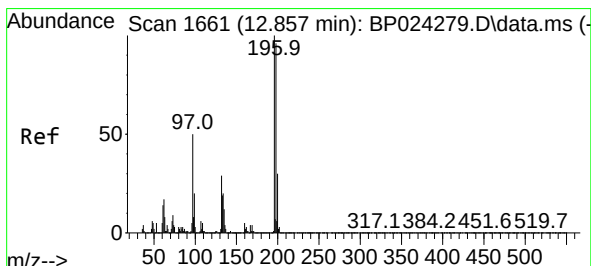
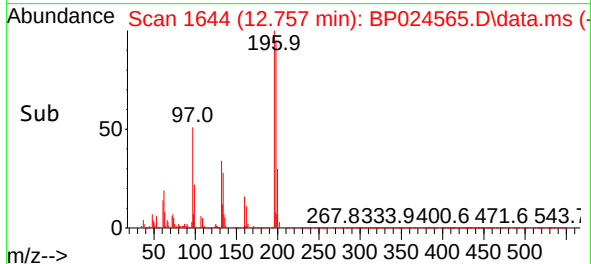
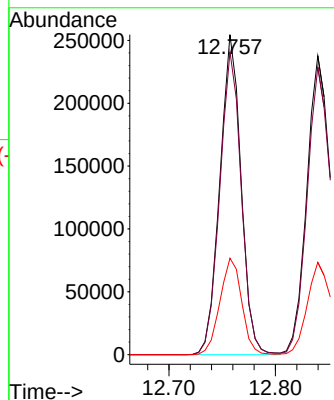
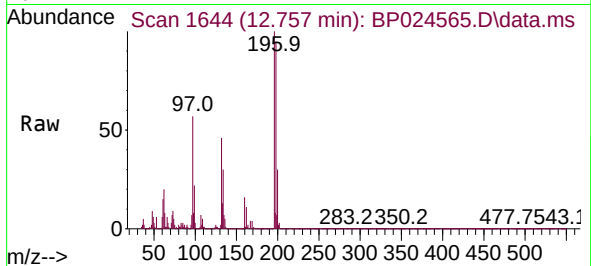




#43
2,4,6-Trichlorophenol
Concen: 47.960 ng
RT: 12.757 min Scan# 1658
Delta R.T. -0.018 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

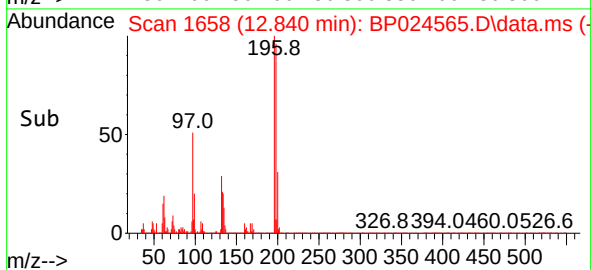
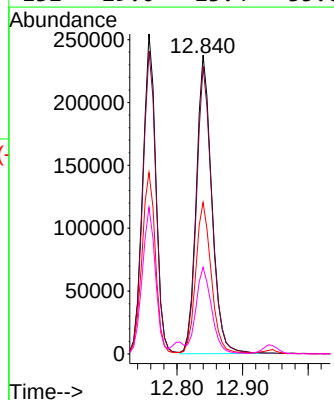
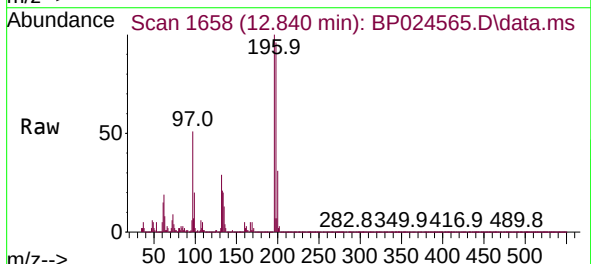
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

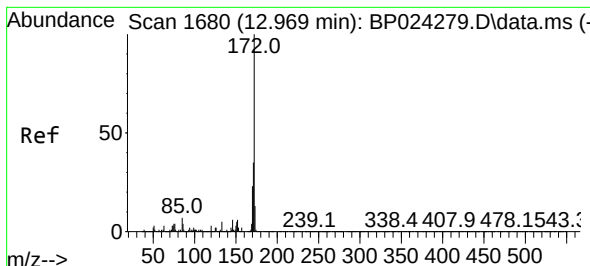
Tgt Ion:196 Resp: 351532
Ion Ratio Lower Upper
196 100
198 94.6 74.3 111.5
200 30.1 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 48.335 ng
RT: 12.840 min Scan# 1658
Delta R.T. -0.018 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:196 Resp: 392314
Ion Ratio Lower Upper
196 100
198 96.3 77.3 115.9
97 50.7 40.4 60.6
132 29.0 23.4 35.0

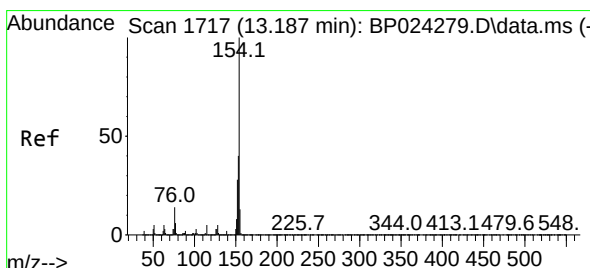
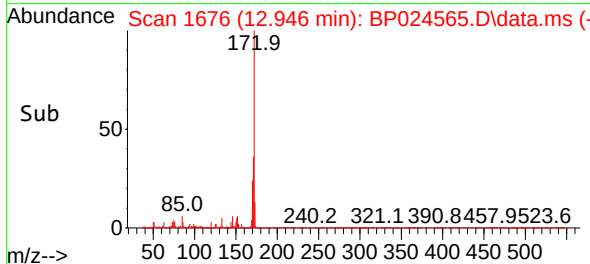
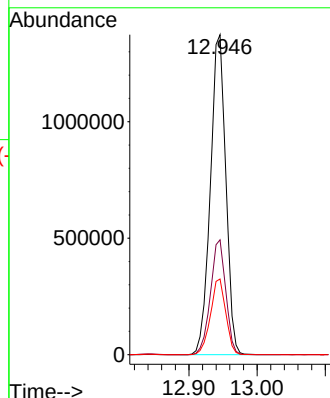
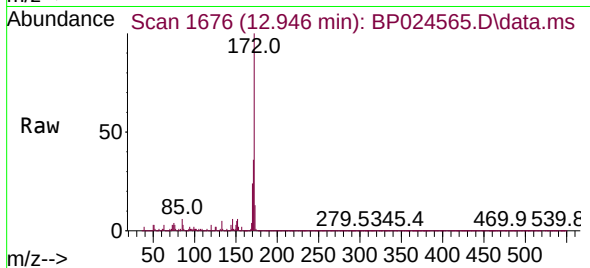




#45
2-Fluorobiphenyl
Concen: 82.759 ng
RT: 12.946 min Scan# 1680
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

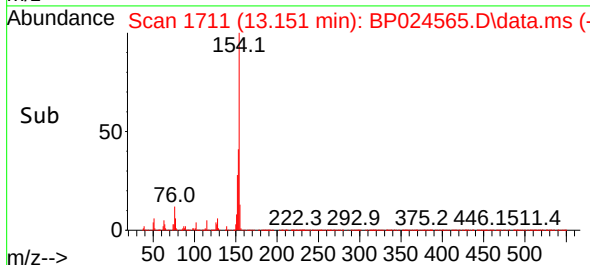
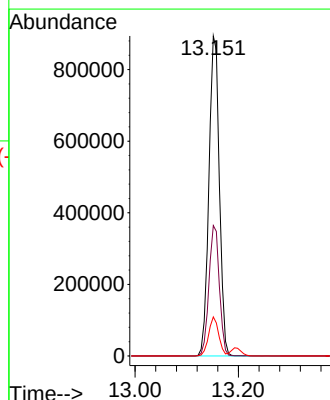
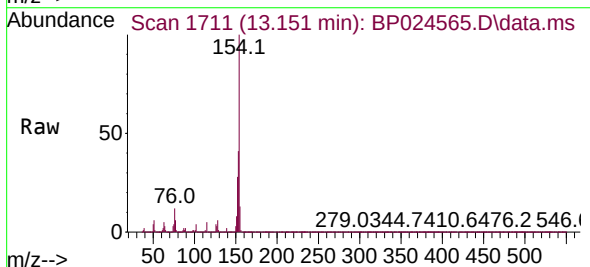
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

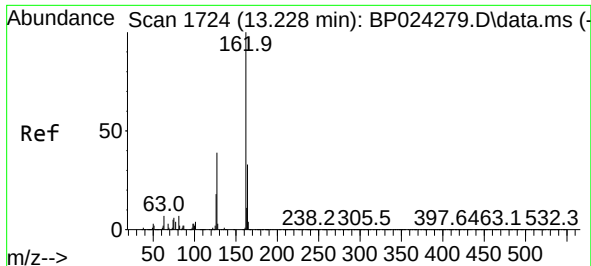
Tgt Ion:172 Resp: 2166850
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 42.509 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:154 Resp: 1252633
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 12.2 0.0 33.5

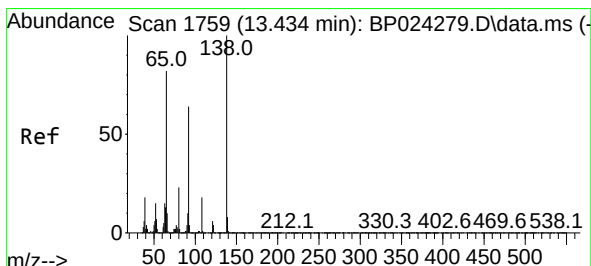
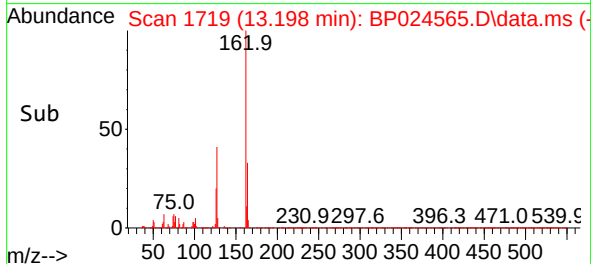
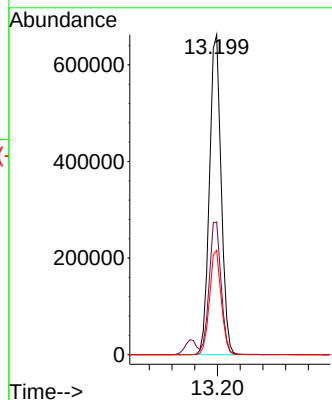
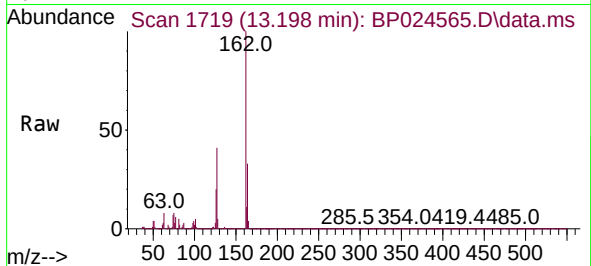




#47
2-Chloronaphthalene
Concen: 42.837 ng
RT: 13.198 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

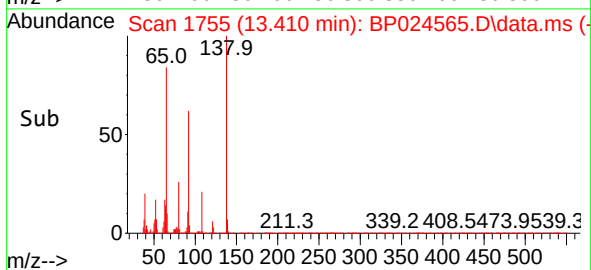
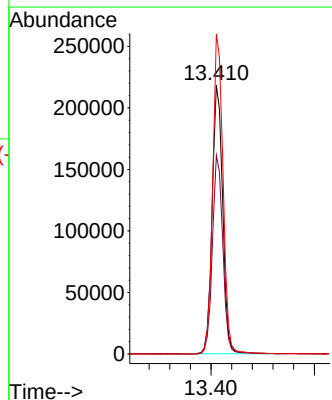
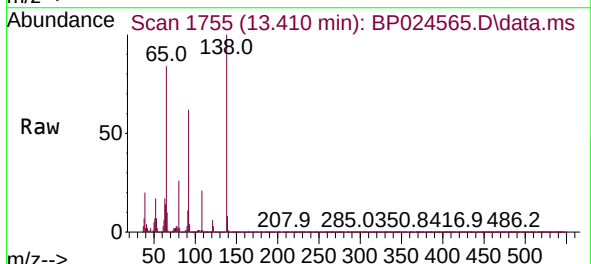
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

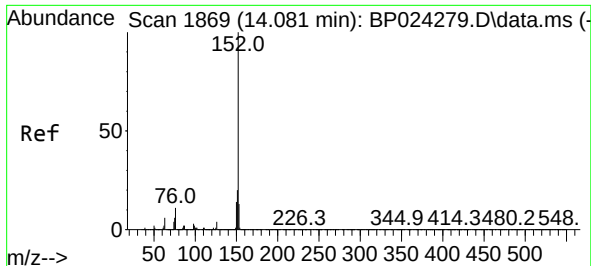
Tgt Ion:162 Resp: 943421
Ion Ratio Lower Upper
162 100
127 41.4 31.9 47.9
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 50.343 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 65 Resp: 310999
Ion Ratio Lower Upper
65 100
92 73.9 62.3 93.5
138 119.1 97.2 145.8

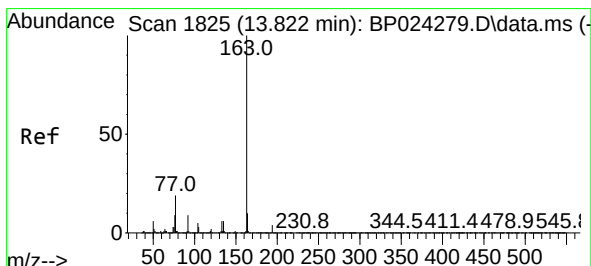
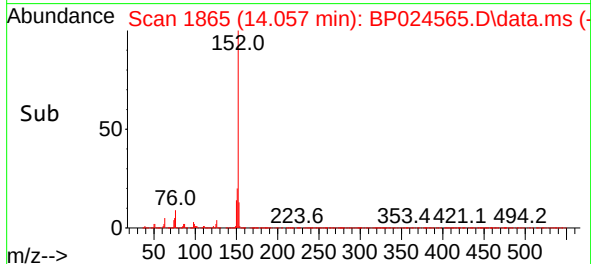
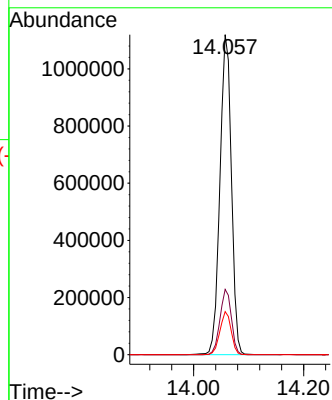
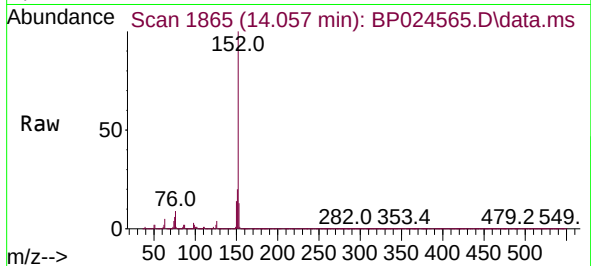




#49
Acenaphthylene
Concen: 46.699 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

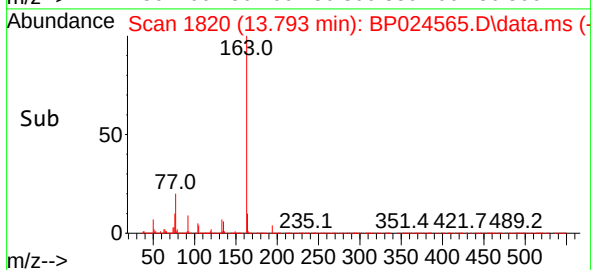
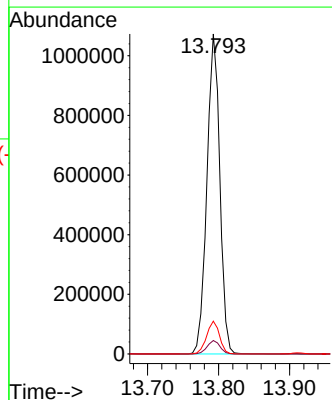
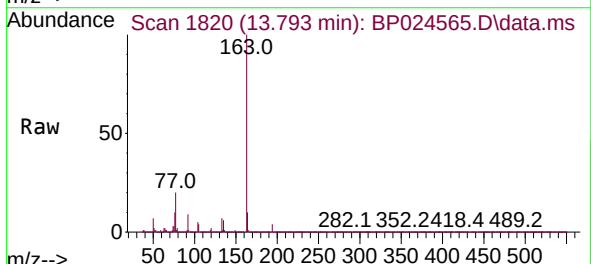
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

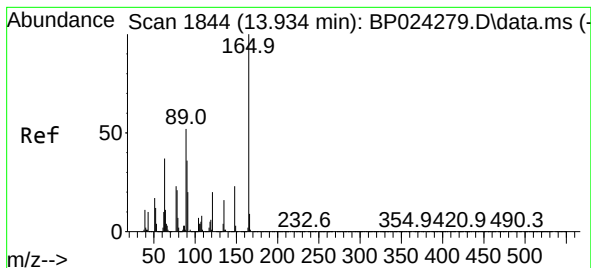
Tgt Ion:152 Resp: 1619236
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 46.529 ng
RT: 13.793 min Scan# 1820
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:163 Resp: 1356473
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.0 12.0

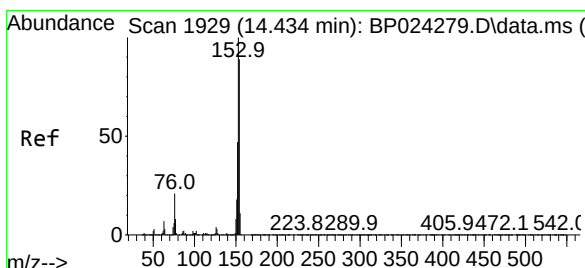
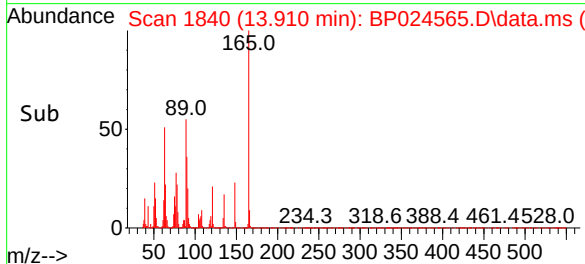
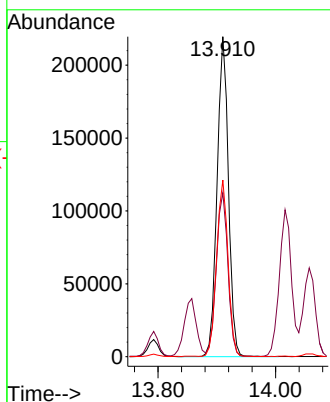
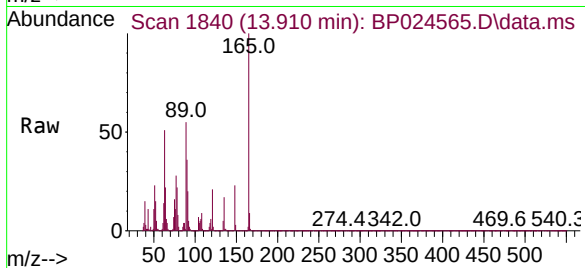




#51
2,6-Dinitrotoluene
Concen: 47.267 ng
RT: 13.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

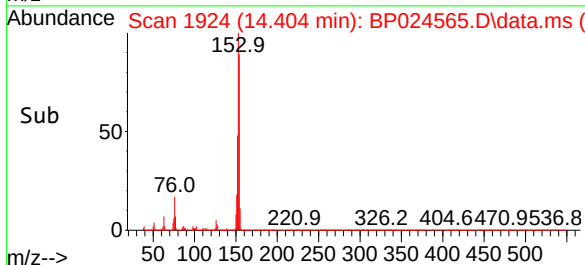
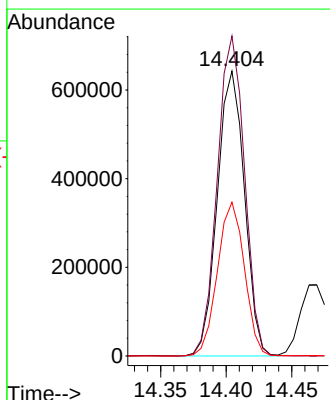
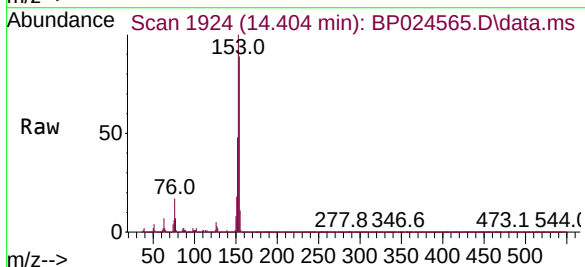
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

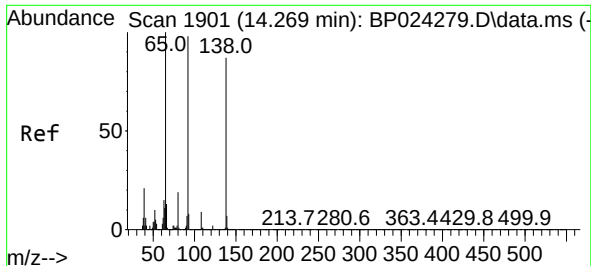
Tgt Ion:165 Resp: 292613
Ion Ratio Lower Upper
165 100
63 51.3 38.0 57.0
89 55.2 41.7 62.5



#52
Acenaphthene
Concen: 42.161 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.017 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:154 Resp: 926805
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.6
152 54.0 42.6 63.8

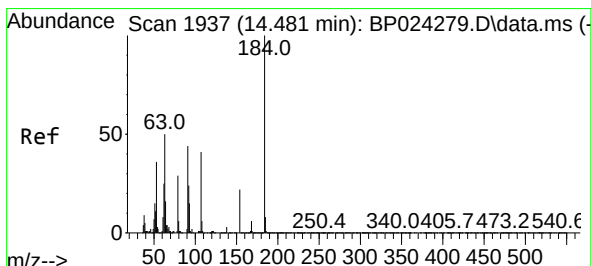
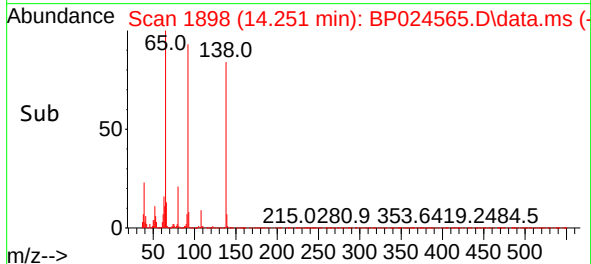
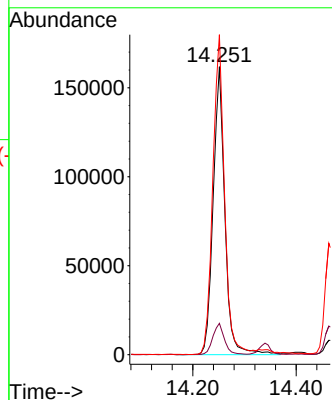
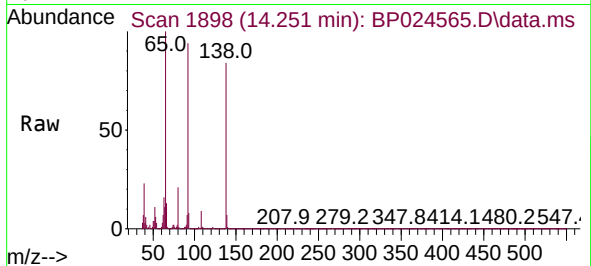




#53
3-Nitroaniline
Concen: 39.143 ng
RT: 14.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

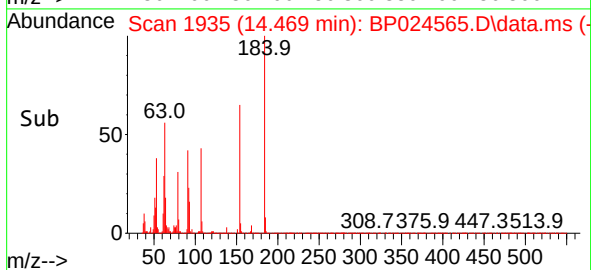
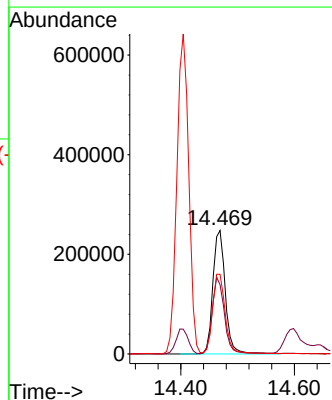
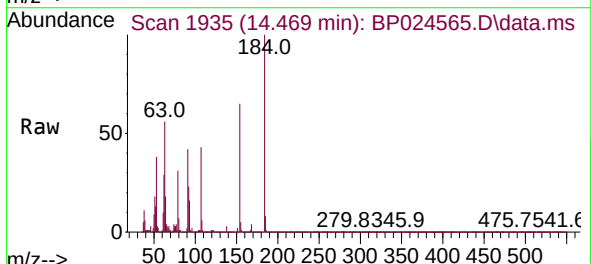
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

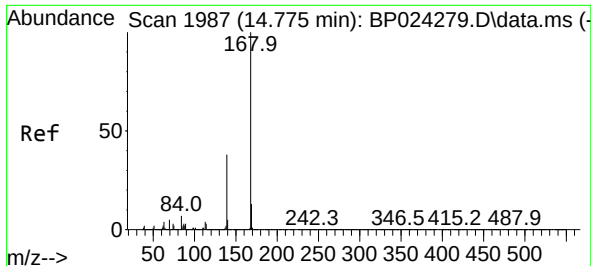
Tgt Ion:138 Resp: 254683
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 111.1 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 103.001 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:184 Resp: 375599
Ion Ratio Lower Upper
184 100
63 56.0 42.6 64.0
154 64.5 47.2 70.8

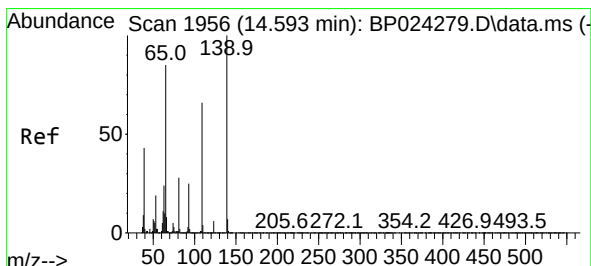
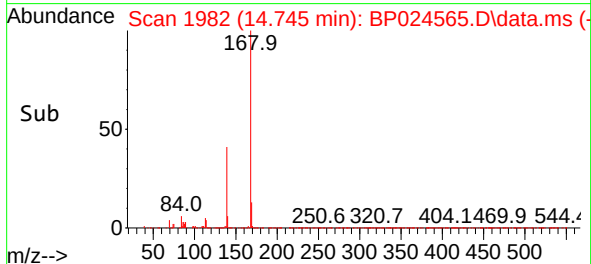
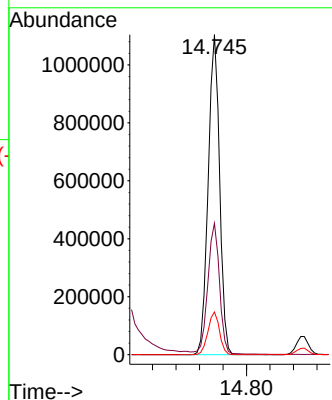
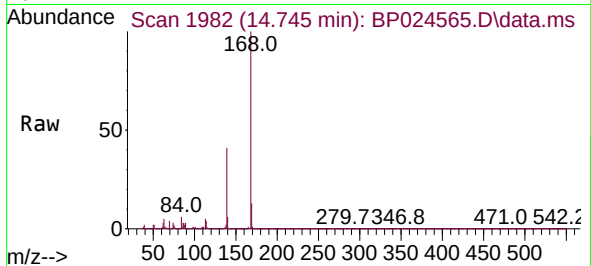




#55
Dibenzofuran
Concen: 41.399 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

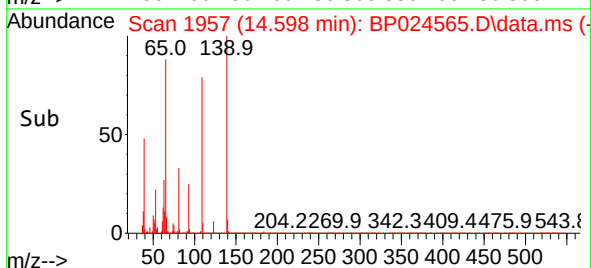
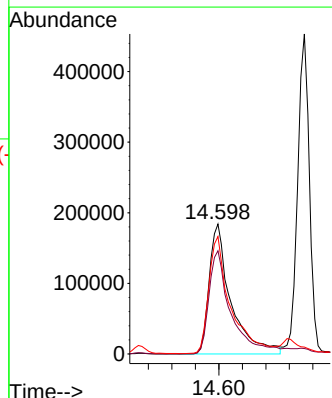
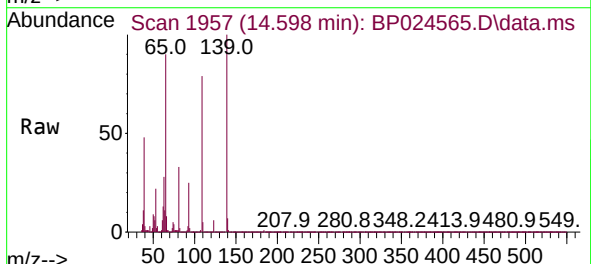
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

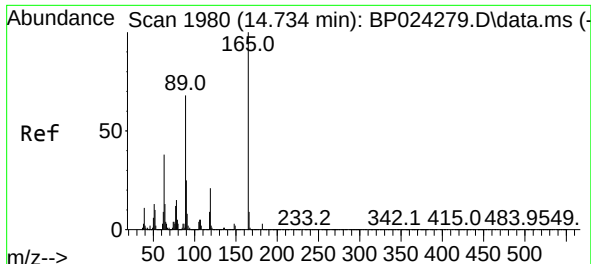
Tgt Ion:168 Resp: 1487529
Ion Ratio Lower Upper
168 100
139 41.0 30.3 45.5
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 84.149 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:139 Resp: 472858
Ion Ratio Lower Upper
139 100
109 79.4 46.1 86.1
65 90.4 65.0 105.0



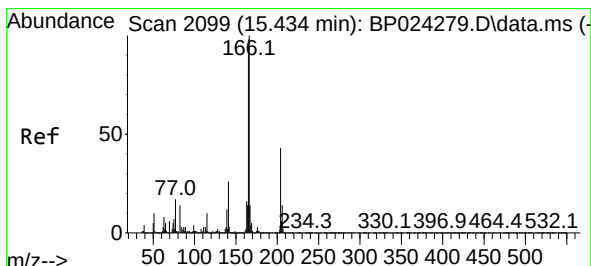
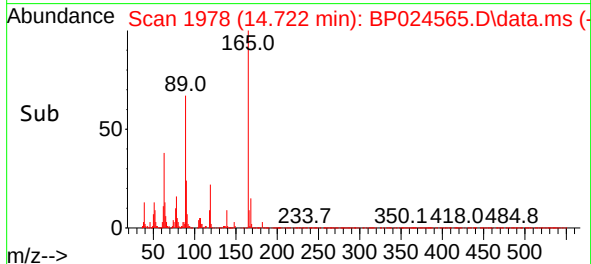
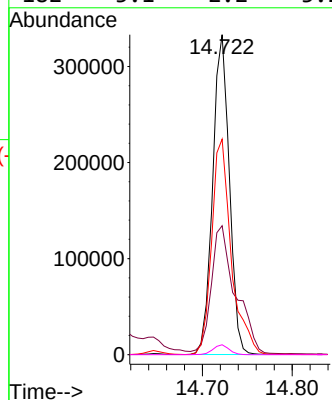
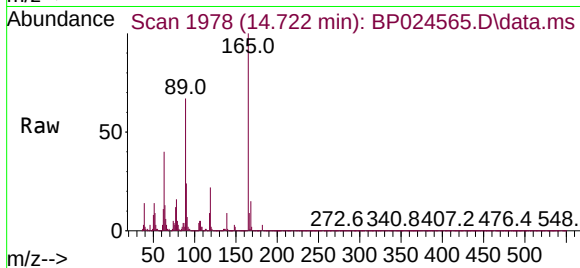


#57
2,4-Dinitrotoluene
Concen: 50.895 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Instrument :
BNA_P
ClientSampleId :
MH-PMSD

Tgt Ion:165 Resp: 429796

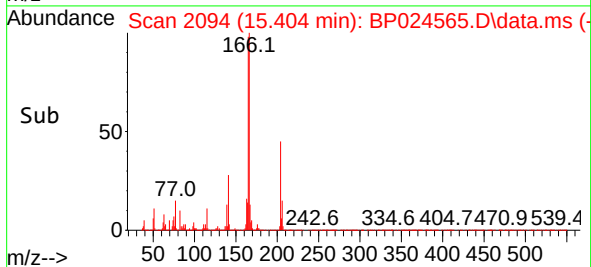
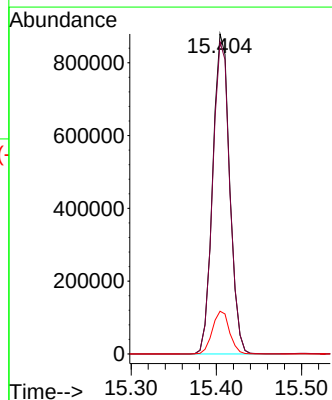
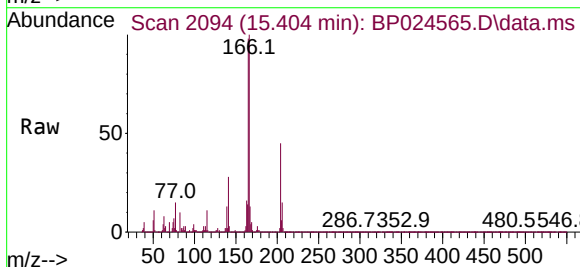
Ion	Ratio	Lower	Upper
165	100		
63	40.3	30.4	45.6
89	67.4	54.6	82.0
182	3.1	2.2	3.2

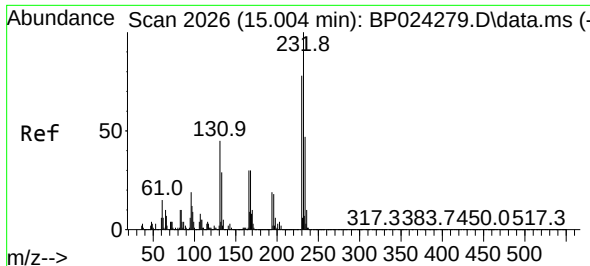


#58
Fluorene
Concen: 43.680 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:166 Resp: 1214991

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.1	117.1
167	13.3	10.9	16.3

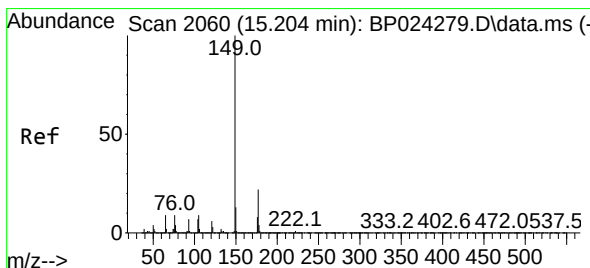
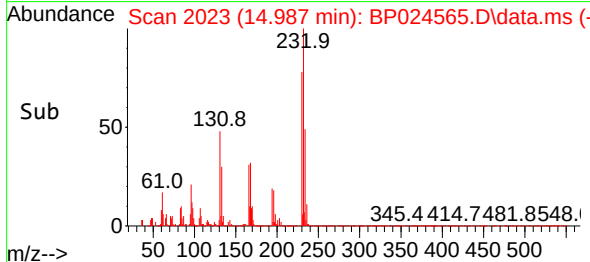
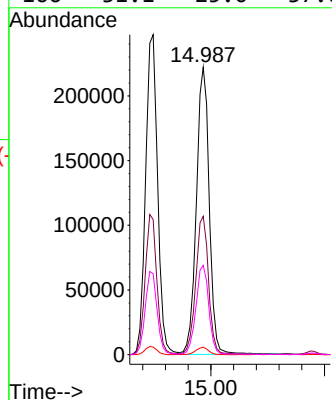
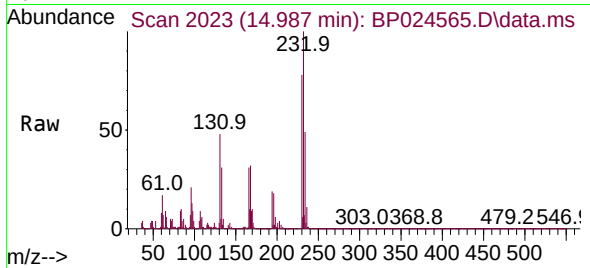




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.807 ng
RT: 14.987 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

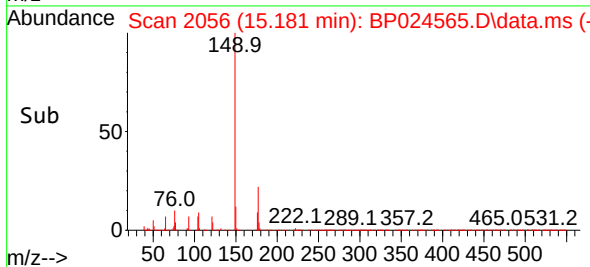
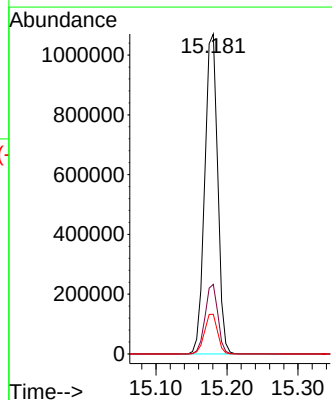
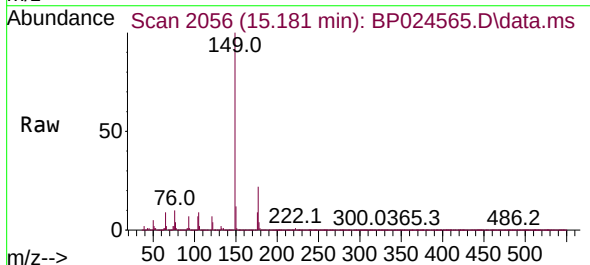
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

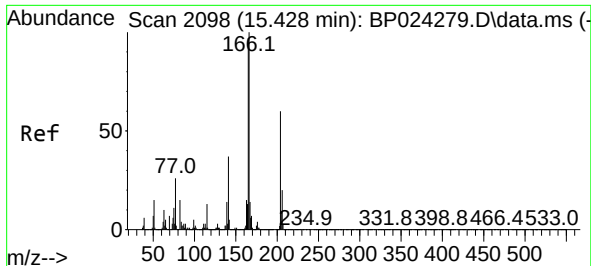
Tgt Ion:232 Resp: 350396
Ion Ratio Lower Upper
232 100
131 47.8 36.8 55.2
130 2.6 1.9 2.9
166 31.1 25.0 37.6



#60
Diethylphthalate
Concen: 45.297 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:149 Resp: 1360845
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.4 10.1 15.1

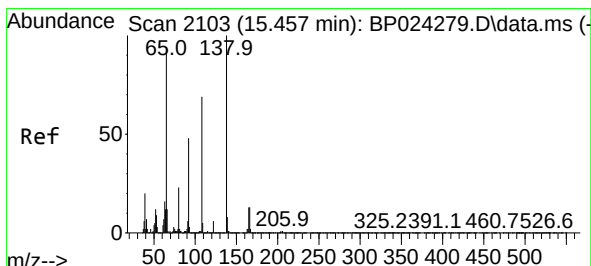
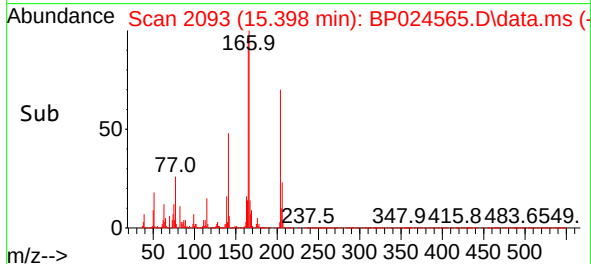
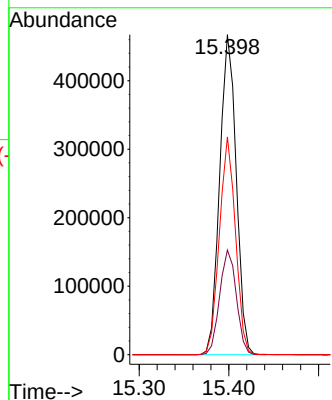
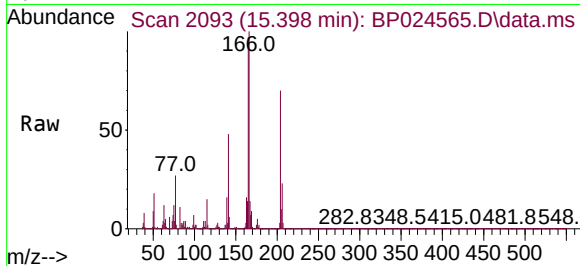




#61
4-Chlorophenyl-phenylether
Concen: 44.253 ng
RT: 15.398 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

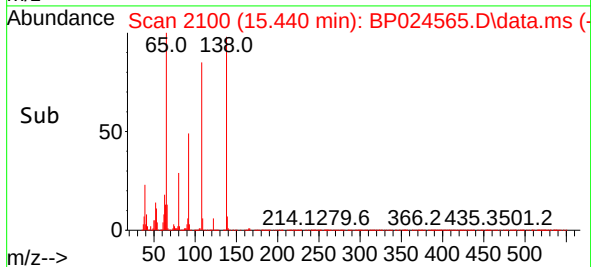
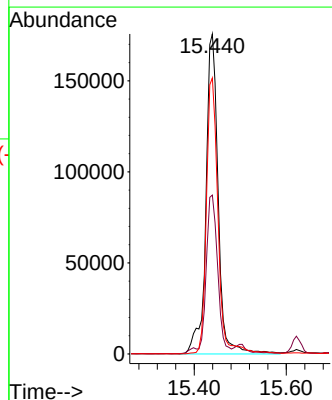
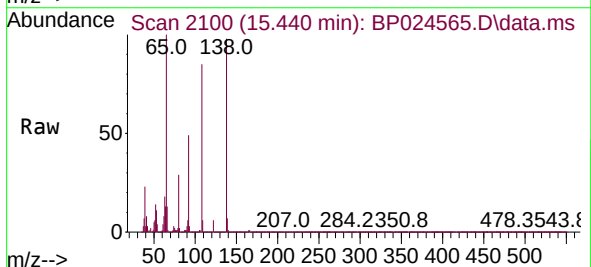
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

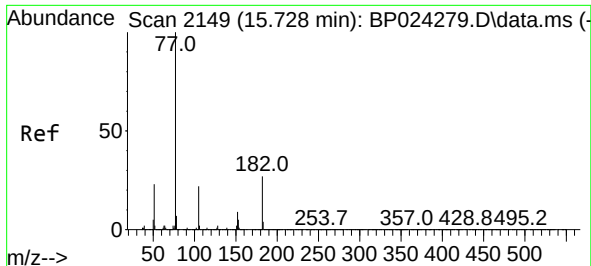
Tgt Ion:204 Resp: 597739
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 68.1 49.4 74.0



#62
4-Nitroaniline
Concen: 47.504 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:138 Resp: 327195
Ion Ratio Lower Upper
138 100
92 49.7 27.8 67.8
108 86.3 48.9 88.9



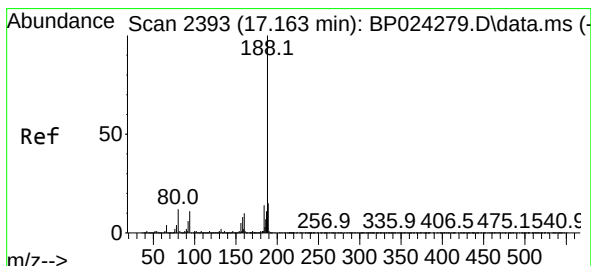
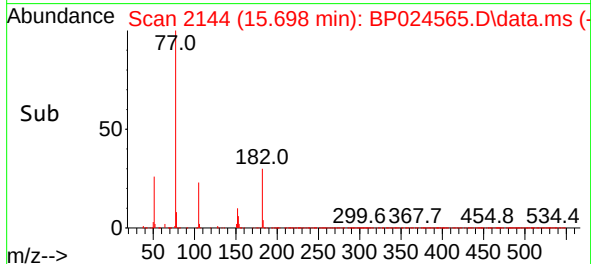
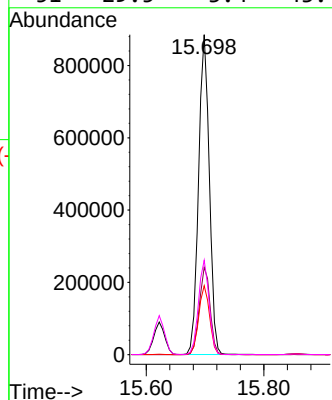
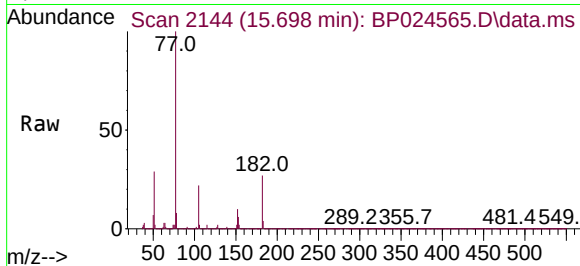


#63
Azobenzene
Concen: 40.724 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Instrument :
BNA_P
ClientSampleId :
MH-PMSD

Tgt Ion: 77 Resp: 1124506

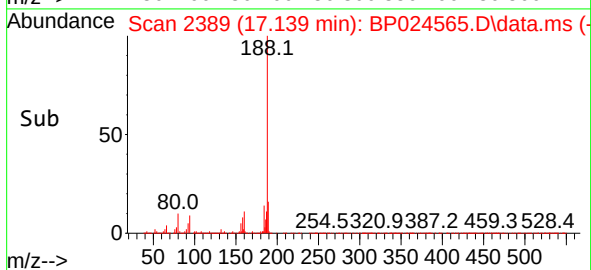
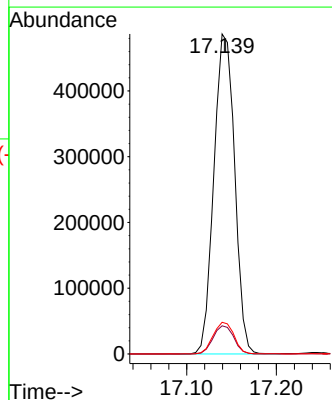
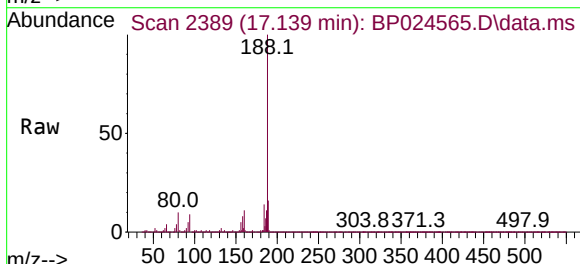
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	21.5	2.3	42.3
51	29.5	3.4	43.4

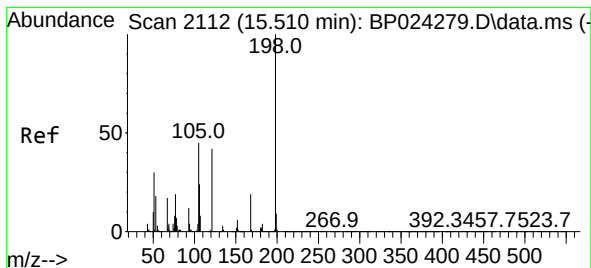


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion: 188 Resp: 782427

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	13.0
80	9.9	9.8	14.6

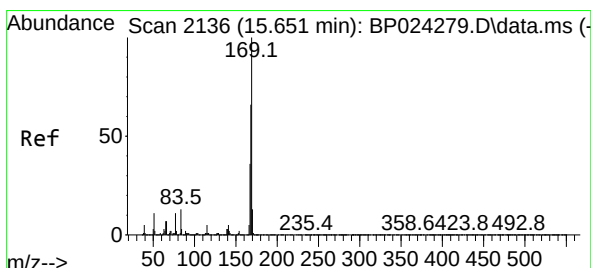
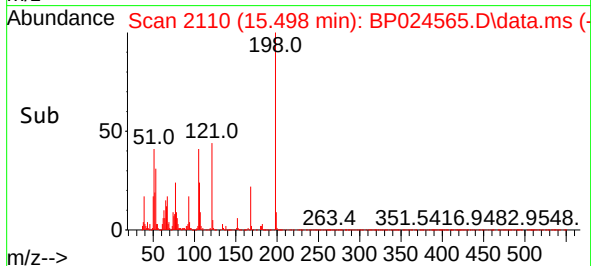
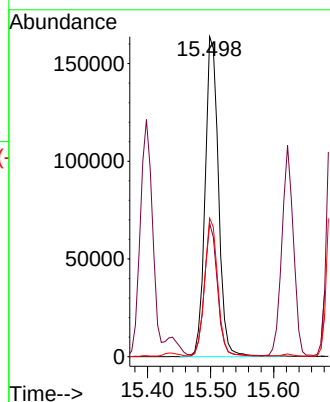
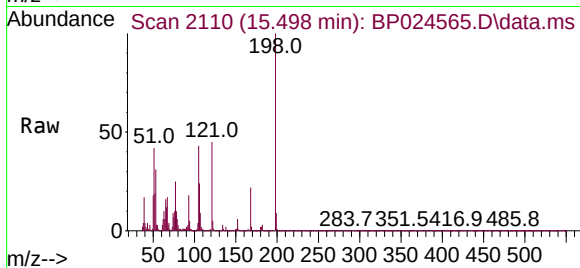




#65
4,6-Dinitro-2-methylphenol
Concen: 48.927 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

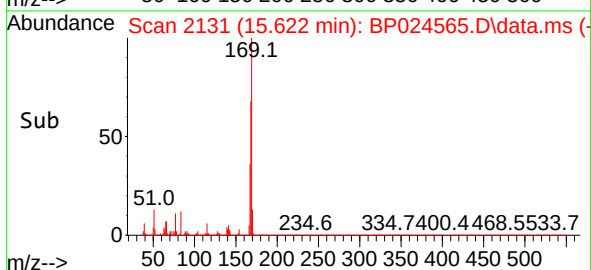
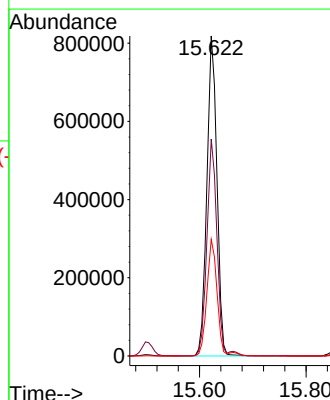
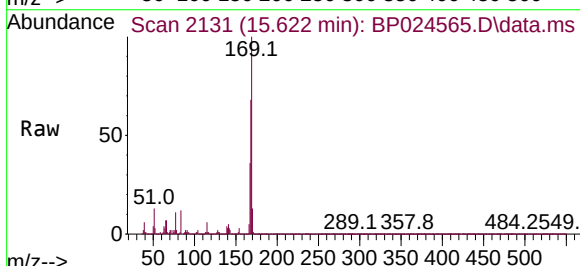
Instrument :
BNA_P
ClientSampleId :
MH-PMDS

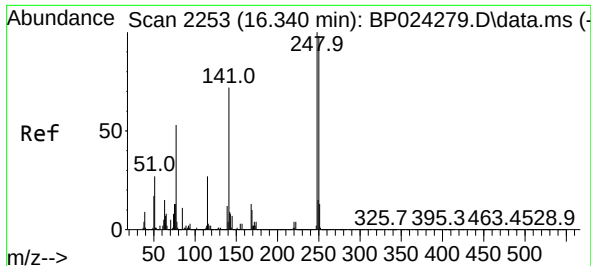
Tgt Ion:198 Resp: 241352
Ion Ratio Lower Upper
198 100
51 41.7 18.4 58.4
105 43.3 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 45.944 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:169 Resp: 1072950
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.4
167 36.4 28.9 43.3

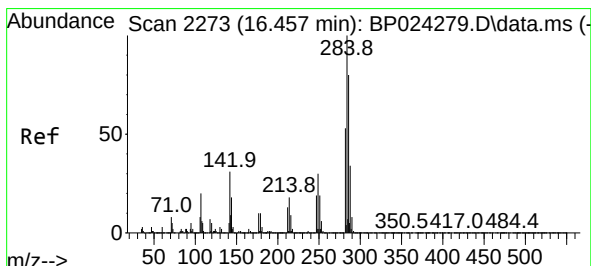
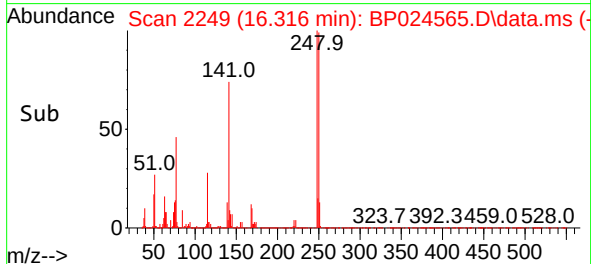
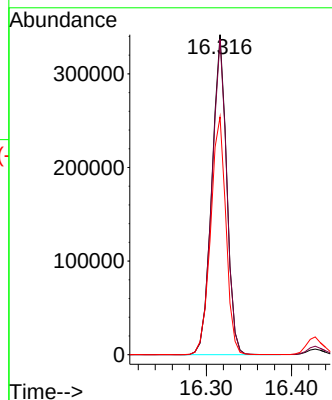
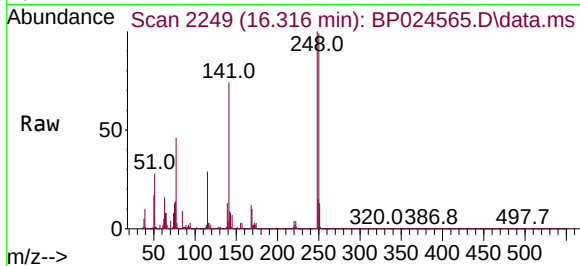




#67
4-Bromophenyl-phenylether
Concen: 48.496 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

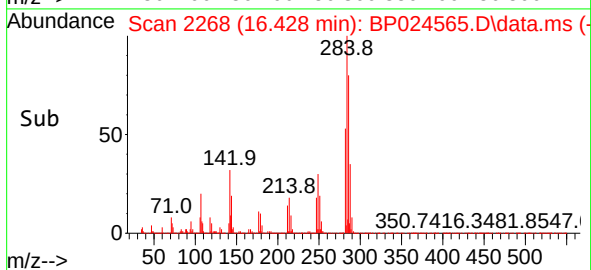
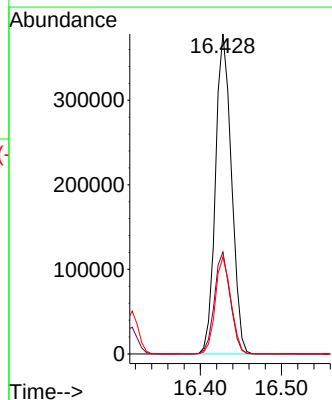
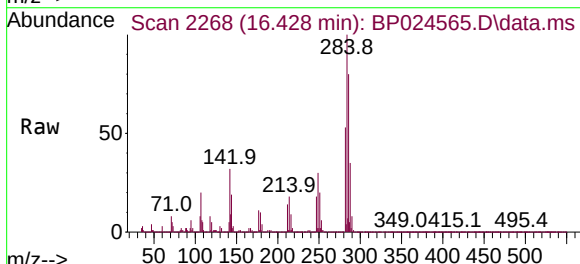
Instrument :
BNA_P
ClientSampleId :
MH-PMSSD

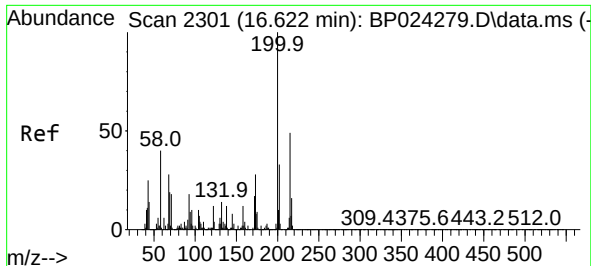
Tgt Ion:248 Resp: 414994
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 74.3 57.7 86.5



#68
Hexachlorobenzene
Concen: 50.952 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:284 Resp: 518098
Ion Ratio Lower Upper
284 100
142 31.8 24.6 37.0
249 30.3 23.8 35.6

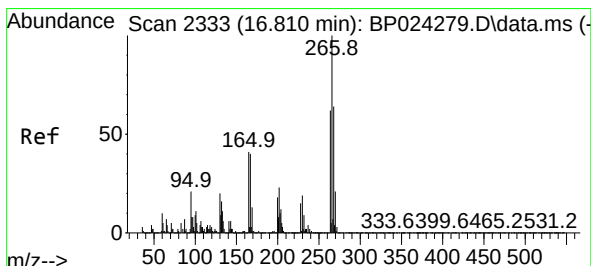
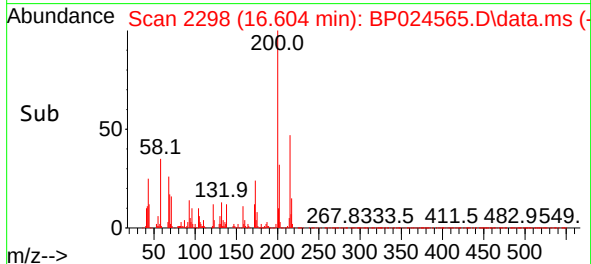
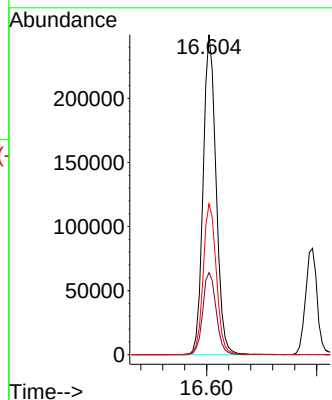
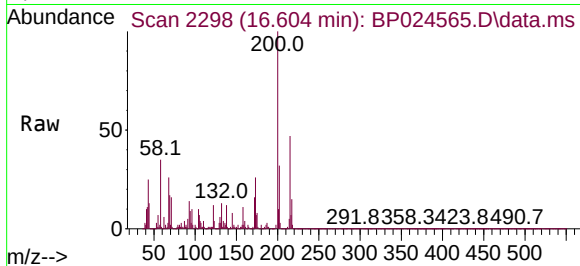




#69
Atrazine
Concen: 68.594 ng
RT: 16.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

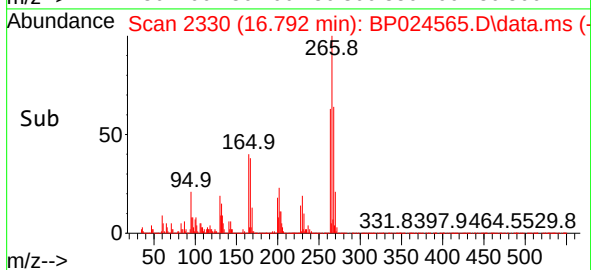
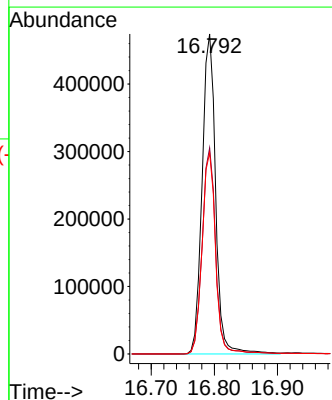
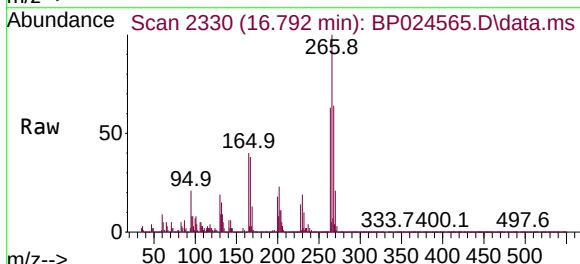
Instrument :
BNA_P
ClientSampleId :
MH-PMSSD

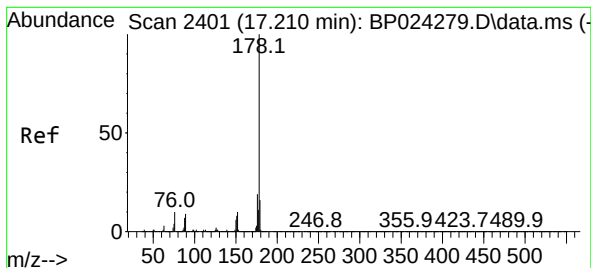
Tgt Ion:200 Resp: 407993
Ion Ratio Lower Upper
200 100
173 25.6 7.5 47.5
215 47.1 28.8 68.8



#70
Pentachlorophenol
Concen: 99.218 ng
RT: 16.792 min Scan# 2330
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:266 Resp: 703825
Ion Ratio Lower Upper
266 100
268 64.4 51.0 76.6
264 62.9 49.8 74.6





#71

Phenanthrene

Concen: 45.047 ng

RT: 17.187 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

BNA_P

ClientSampleId :

MH-PMSSD

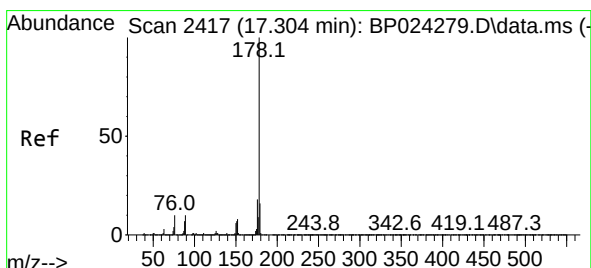
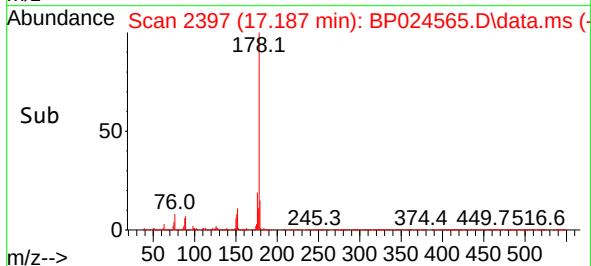
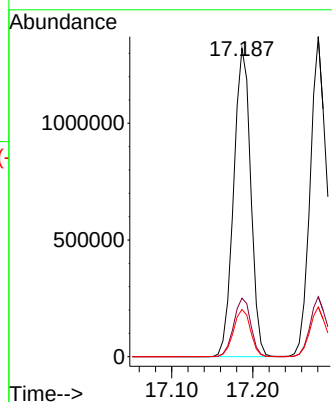
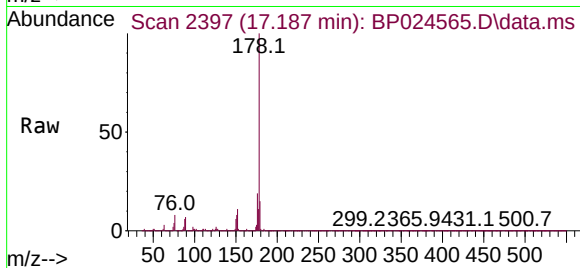
Tgt Ion:178 Resp: 1922749

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 47.702 ng

RT: 17.281 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

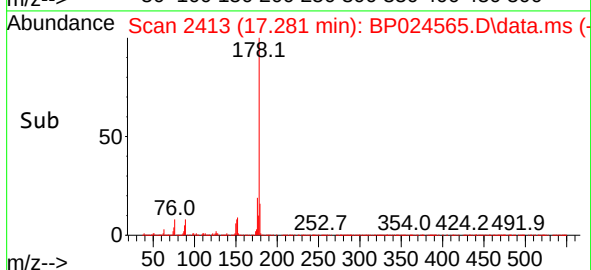
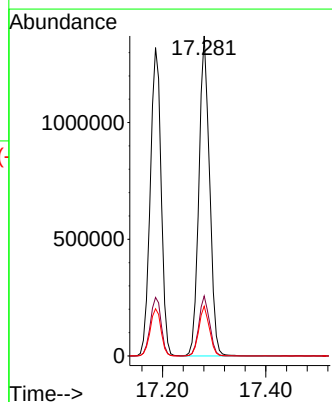
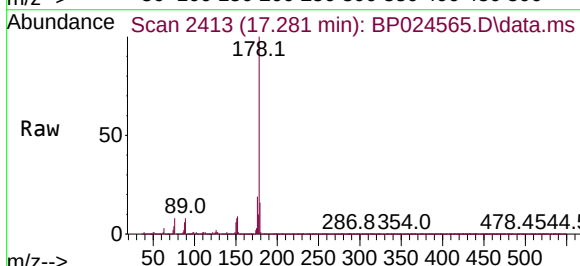
Tgt Ion:178 Resp: 1962350

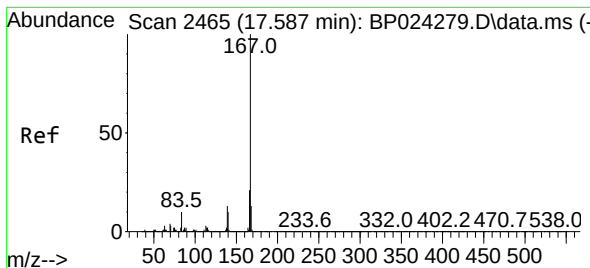
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.6 12.4 18.6





#73

Carbazole

Concen: 47.121 ng

RT: 17.575 min Scan# 2465

Delta R.T. 0.006 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

BNA_P

ClientSampleId :

MH-PMSD

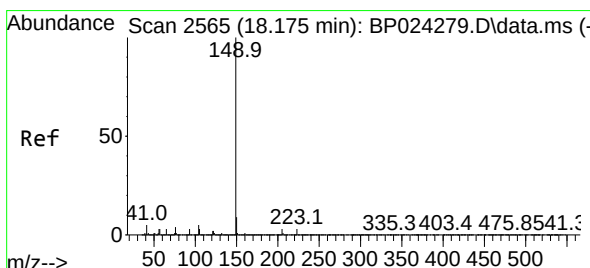
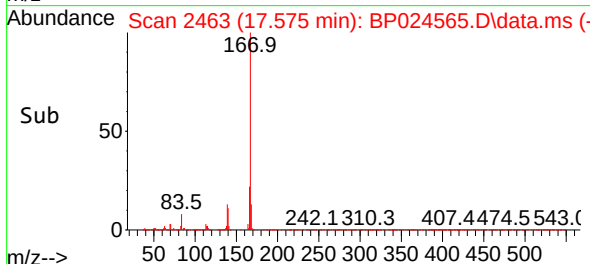
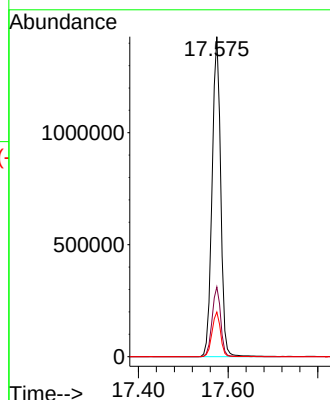
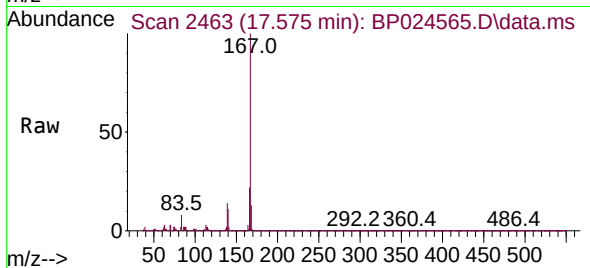
Tgt Ion:167 Resp: 1894056

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.9 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.401 ng

RT: 18.151 min Scan# 2561

Delta R.T. -0.006 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

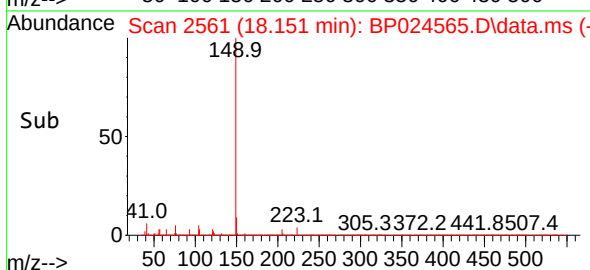
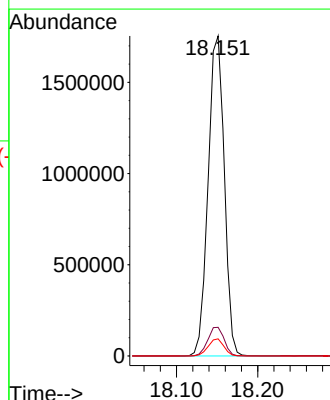
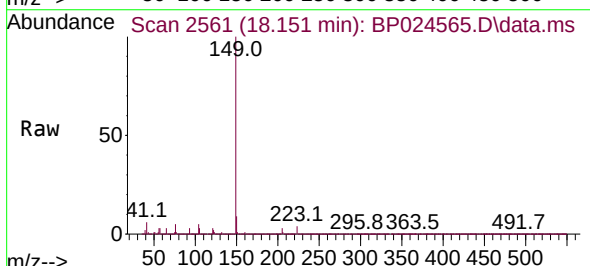
Tgt Ion:149 Resp: 2423820

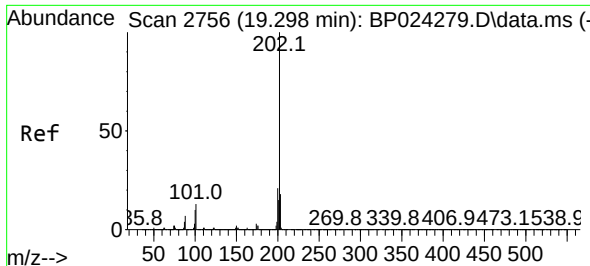
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.3 3.9 5.9

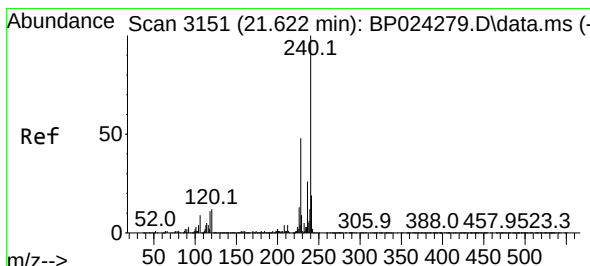
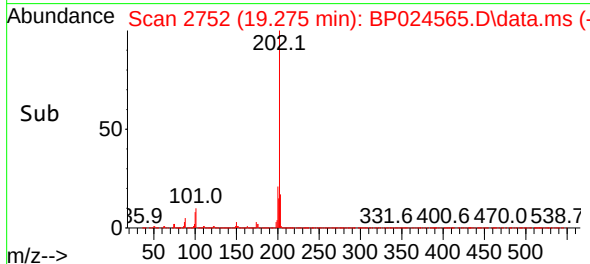
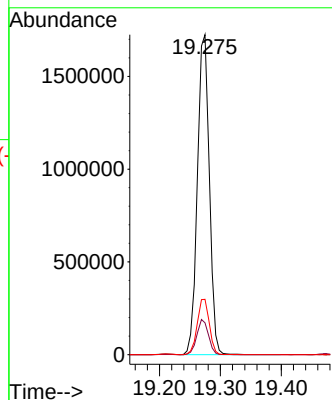
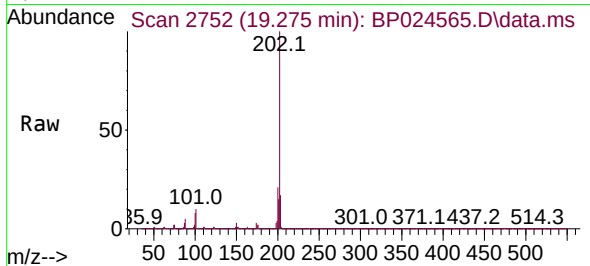




#75
Fluoranthene
Concen: 46.281 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

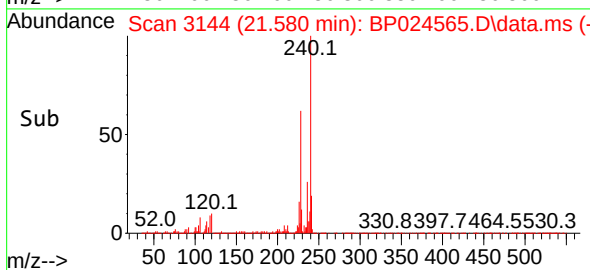
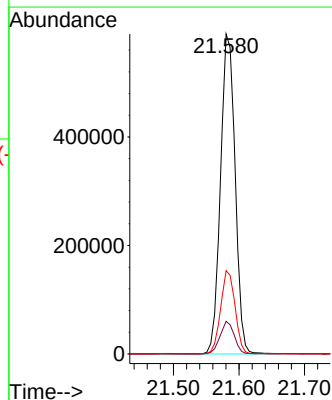
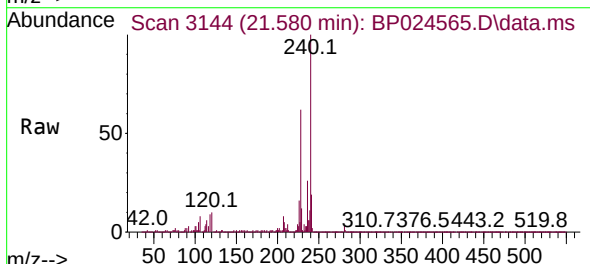
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

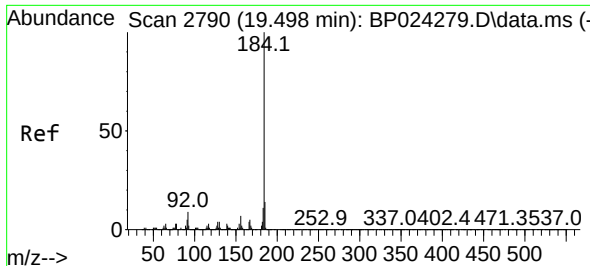
Tgt Ion:202 Resp: 2349460
Ion Ratio Lower Upper
202 100
101 9.9 0.0 33.2
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:240 Resp: 910356
Ion Ratio Lower Upper
240 100
120 10.2 9.8 14.8
236 26.0 20.9 31.3

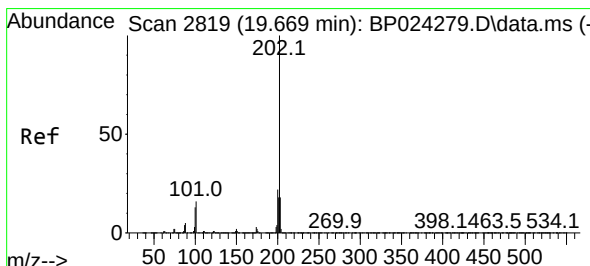
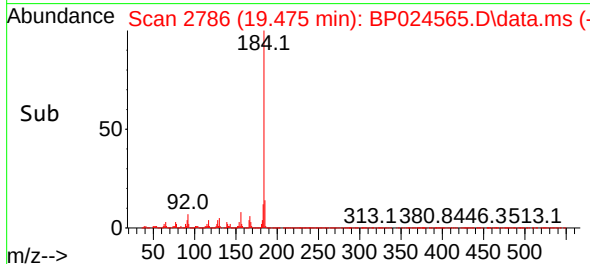
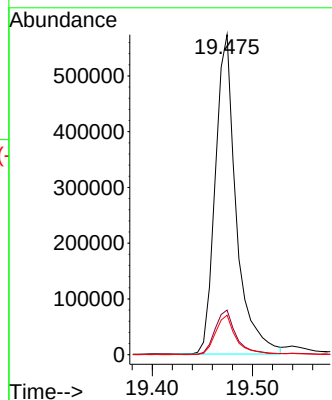
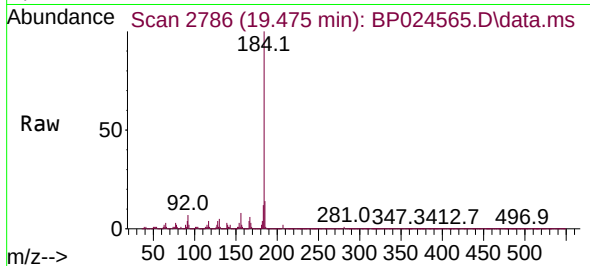




#77
Benzidine
Concen: 71.876 ng
RT: 19.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

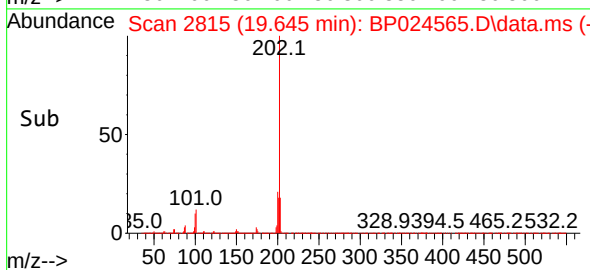
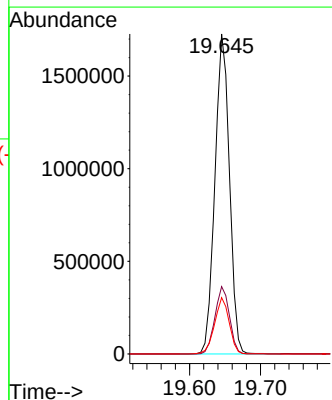
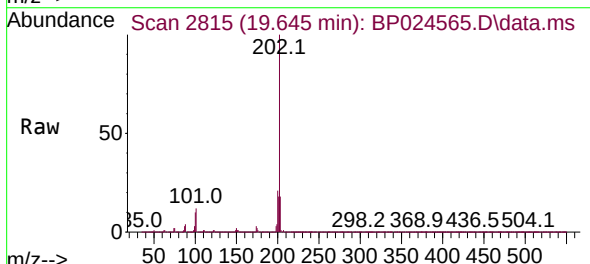
Instrument :
BNA_P
ClientSampleId :
MH-PMMSD

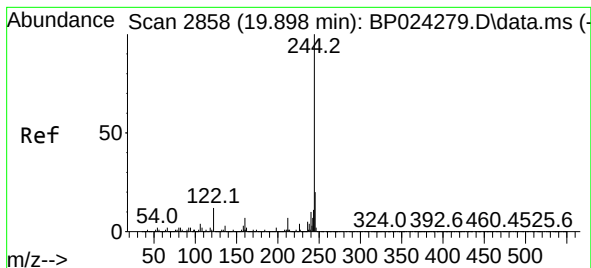
Tgt Ion:184 Resp: 829418
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 12.4 9.2 13.8



#78
Pyrene
Concen: 42.417 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:202 Resp: 2453996
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 87.540 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

BNA_P

ClientSampleId :

MH-PMSD

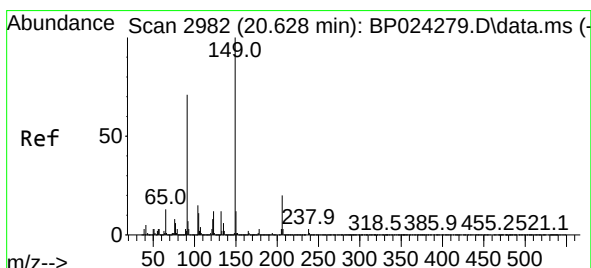
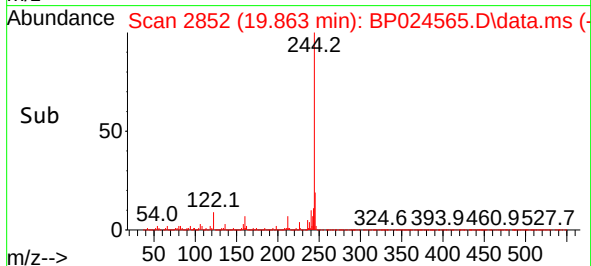
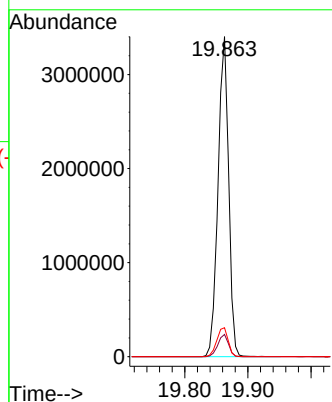
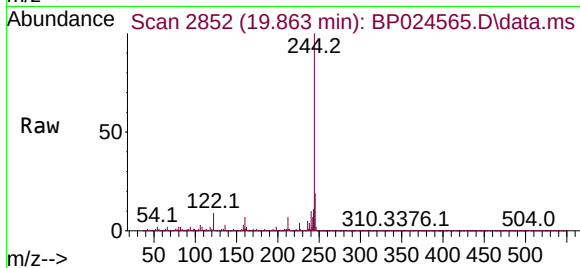
Tgt Ion:244 Resp: 3953700

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.0 9.4 14.0#



#80

Butylbenzylphthalate

Concen: 48.214 ng

RT: 20.592 min Scan# 2976

Delta R.T. -0.012 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

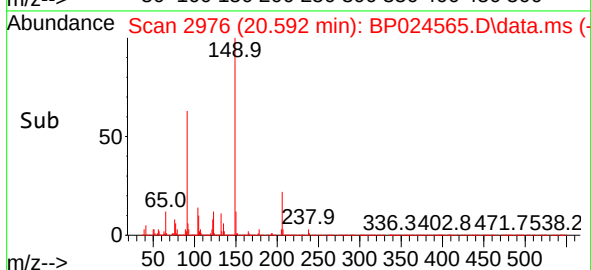
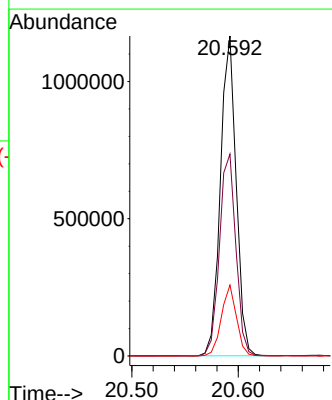
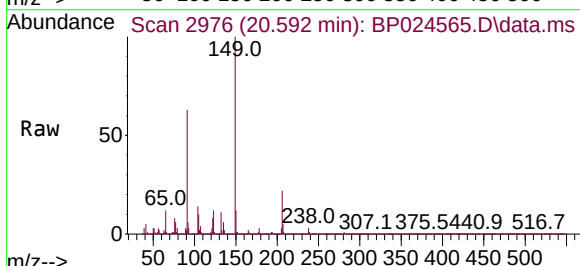
Tgt Ion:149 Resp: 1194771

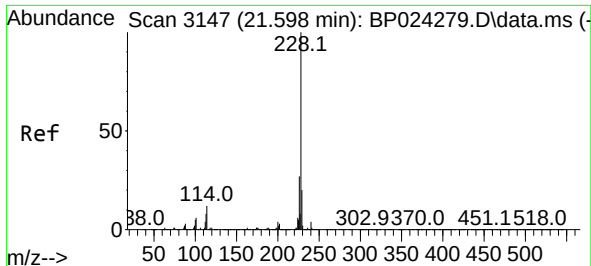
Ion Ratio Lower Upper

149 100

91 63.1 56.4 84.6

206 22.2 16.3 24.5

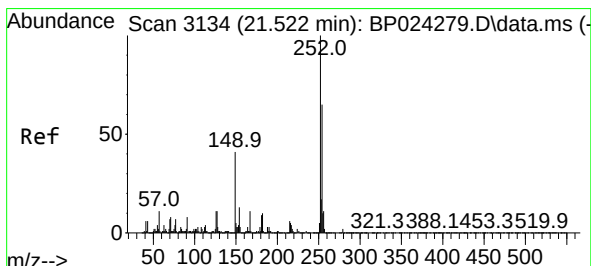
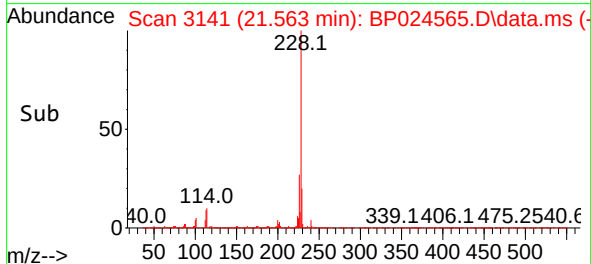
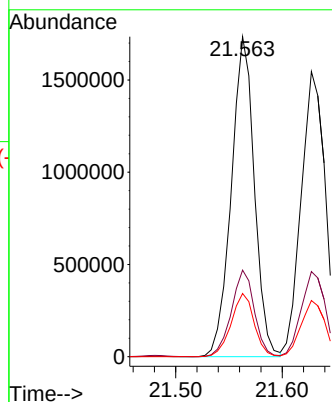
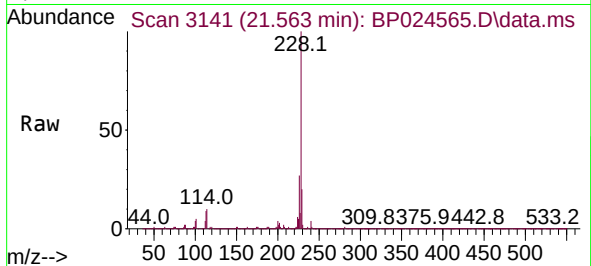




#81
Benzo(a)anthracene
Concen: 46.184 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

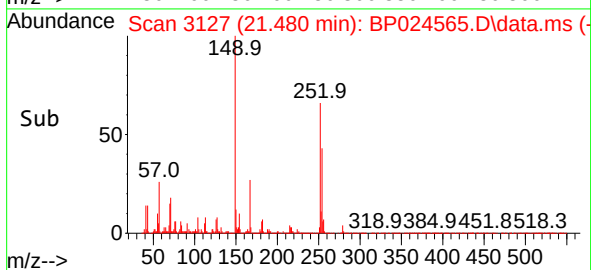
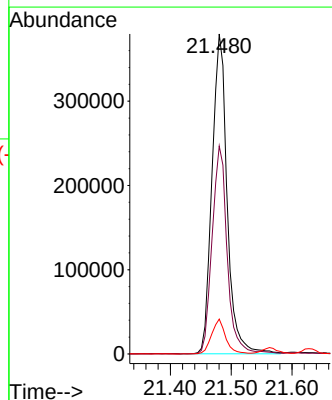
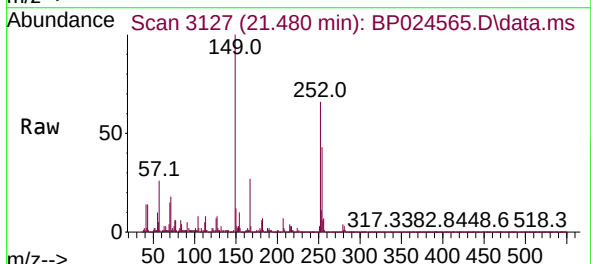
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

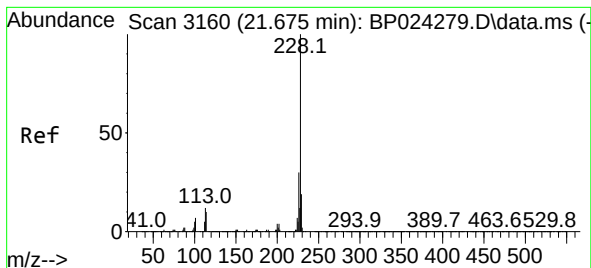
Tgt Ion:228 Resp: 2613285
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 32.998 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:252 Resp: 655356
Ion Ratio Lower Upper
252 100
254 65.0 51.7 77.5
126 10.9 8.8 13.2





#83

Chrysene

Concen: 44.528 ng

RT: 21.627 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

BNA_P

ClientSampleId :

MH-PMSSD

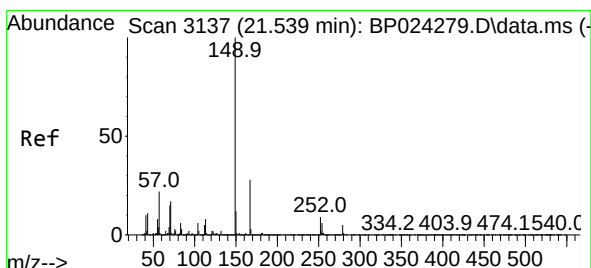
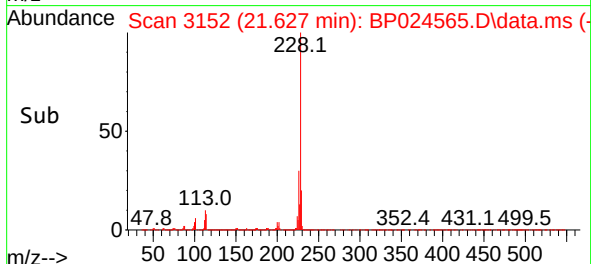
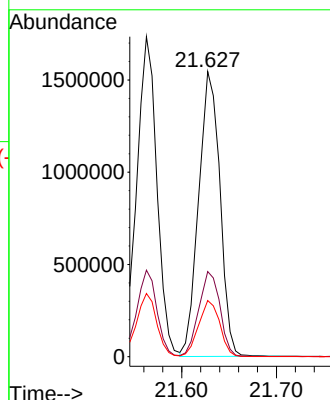
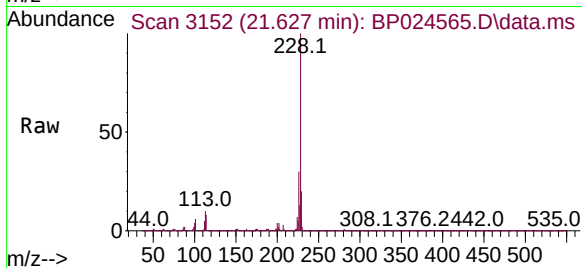
Tgt Ion:228 Resp: 2413857

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.983 ng

RT: 21.492 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

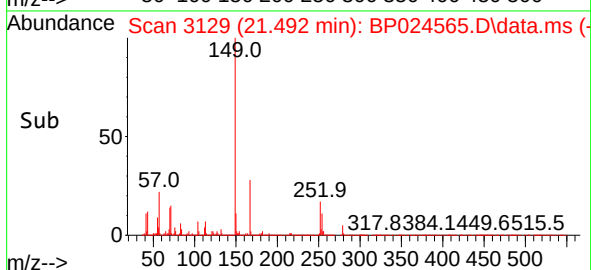
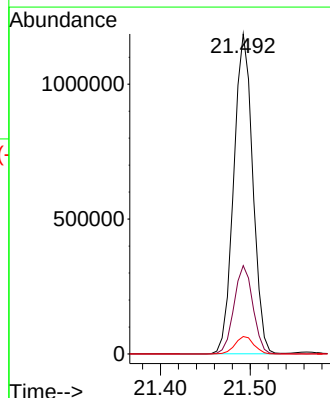
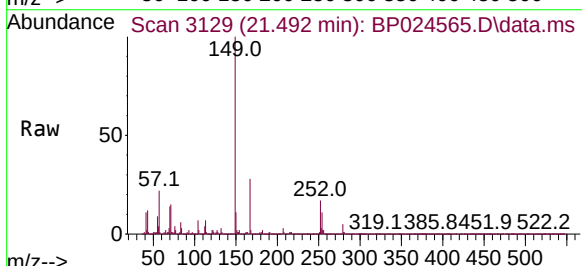
Tgt Ion:149 Resp: 1743091

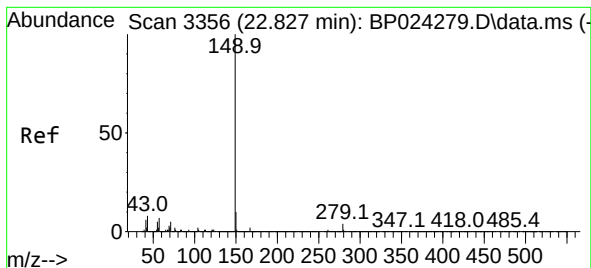
Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

279 5.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 50.334 ng

RT: 22.763 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

BNA_P

ClientSampleId :

MH-PMSD

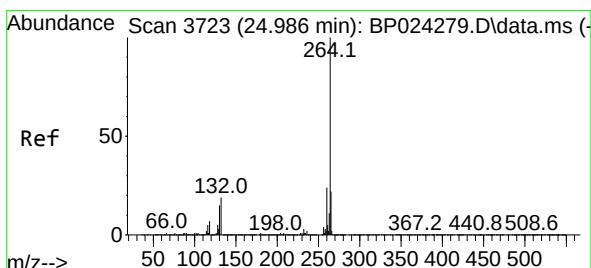
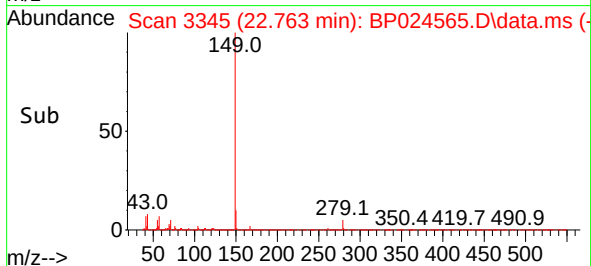
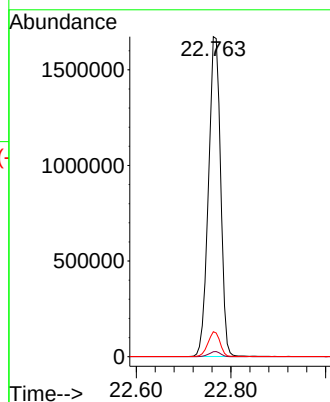
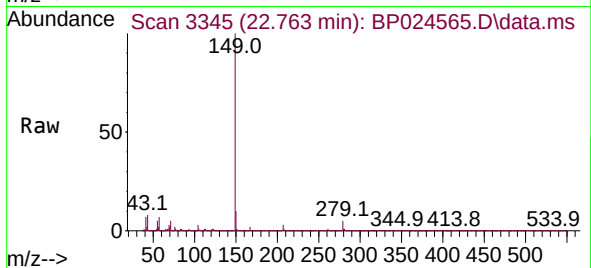
Tgt Ion:149 Resp: 2972573

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.7 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.904 min Scan# 3709

Delta R.T. -0.029 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

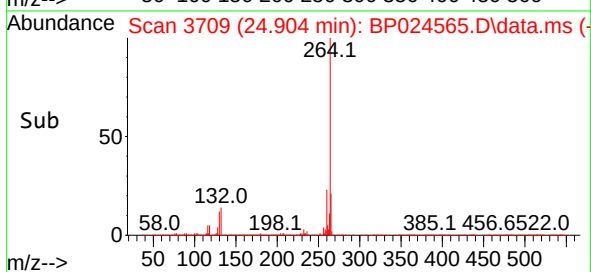
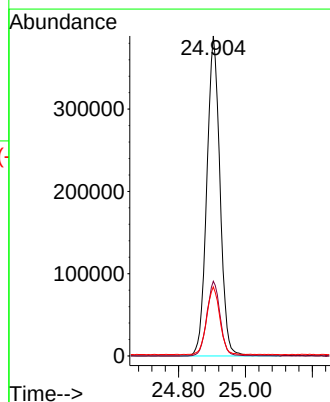
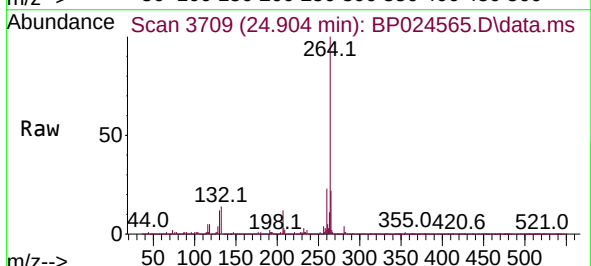
Tgt Ion:264 Resp: 1061179

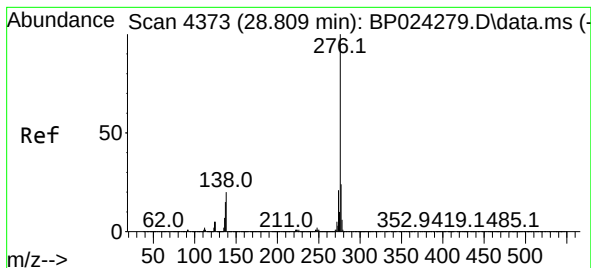
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.860 ng

RT: 28.686 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

Instrument :

BNA_P

ClientSampleId :

MH-PMSSD

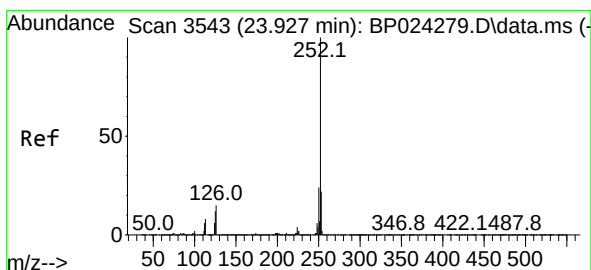
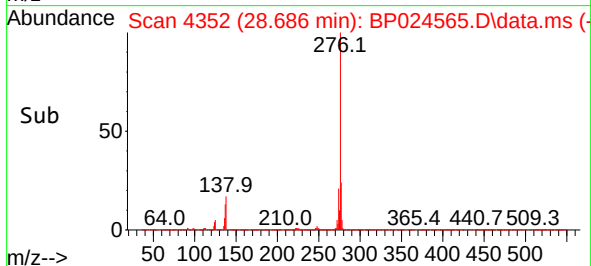
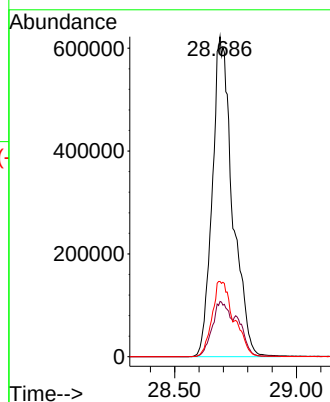
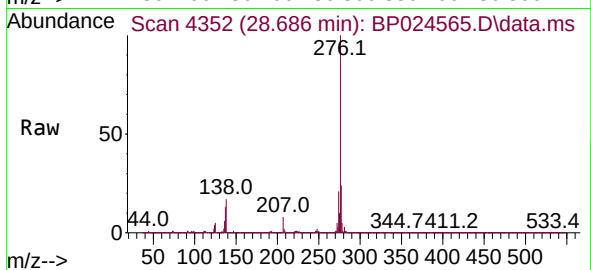
Tgt Ion:276 Resp: 3599634

Ion Ratio Lower Upper

276 100

138 15.1 14.5 21.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.417 ng

RT: 23.857 min Scan# 3531

Delta R.T. -0.029 min

Lab File: BP024565.D

Acq: 07 May 2025 16:02

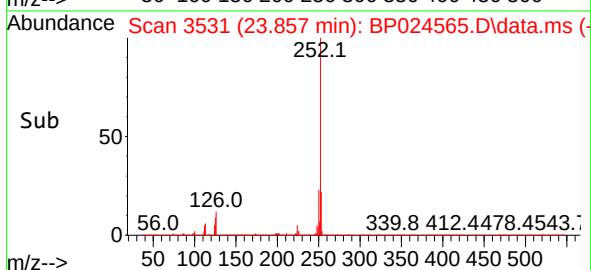
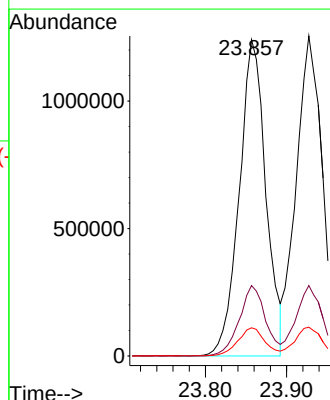
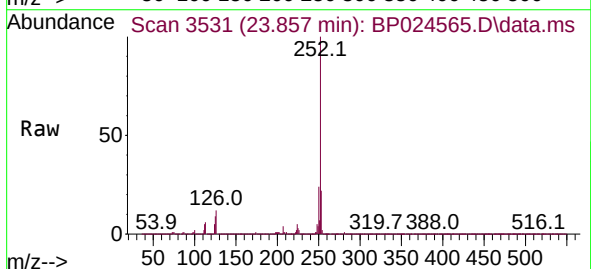
Tgt Ion:252 Resp: 2825252

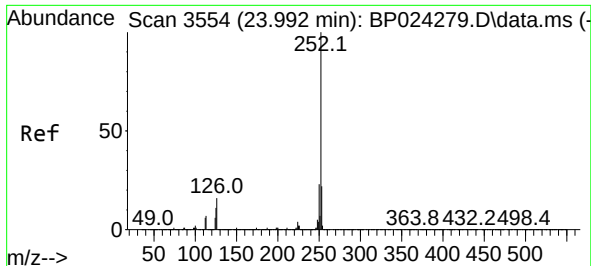
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.9 9.4 14.0#

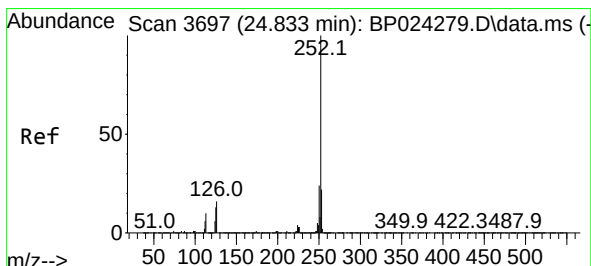
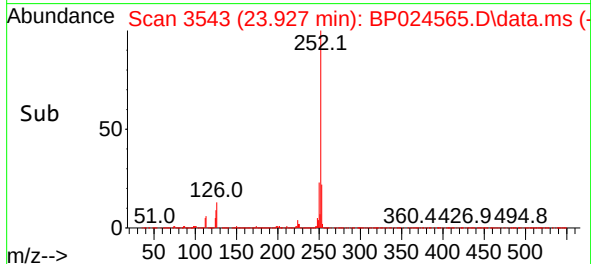
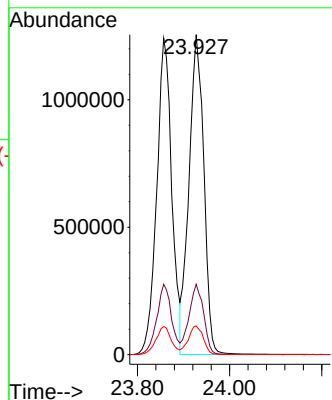
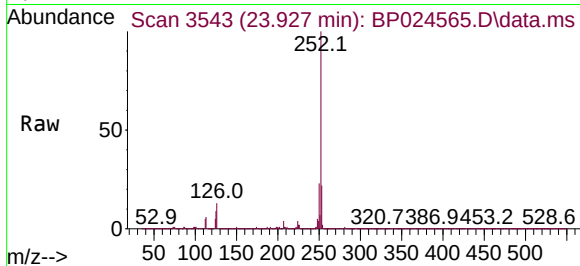




#89
Benzo(k)fluoranthene
Concen: 45.549 ng
RT: 23.927 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

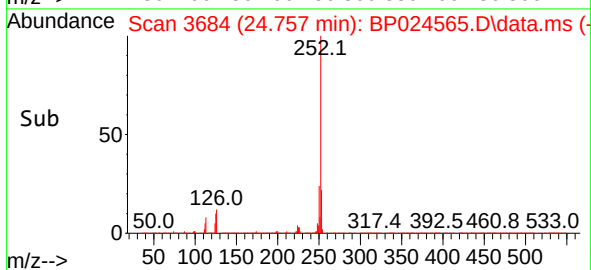
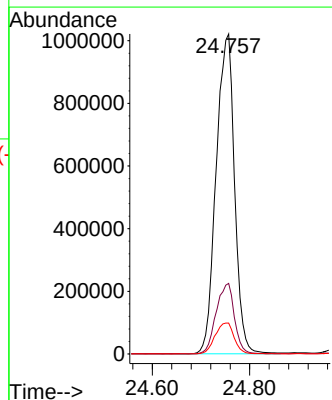
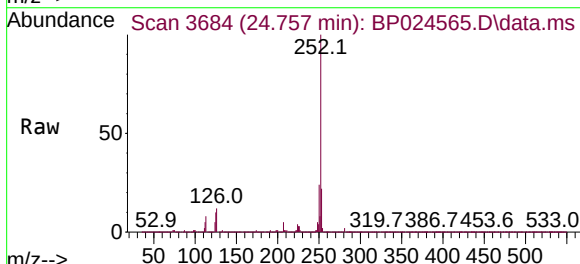
Instrument :
BNA_P
ClientSampleId :
MH-PMSD

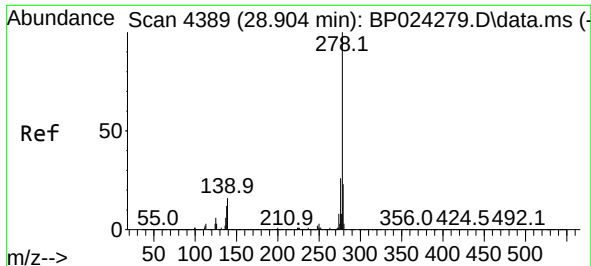
Tgt Ion:252 Resp: 2798597
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.0 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 48.852 ng
RT: 24.757 min Scan# 3684
Delta R.T. -0.023 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:252 Resp: 2680416
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.7 10.1 15.1#

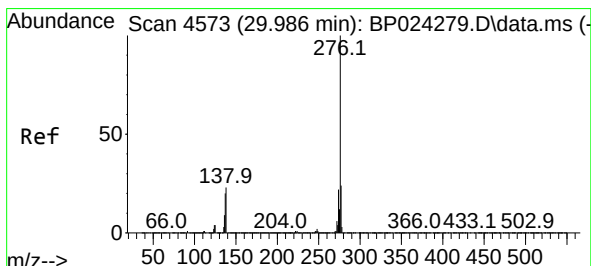
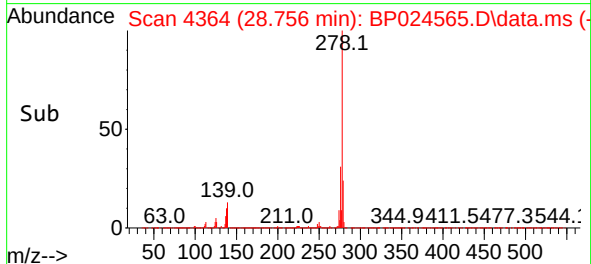
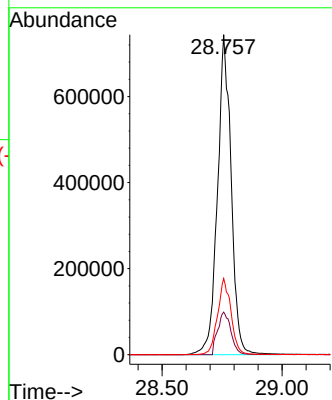
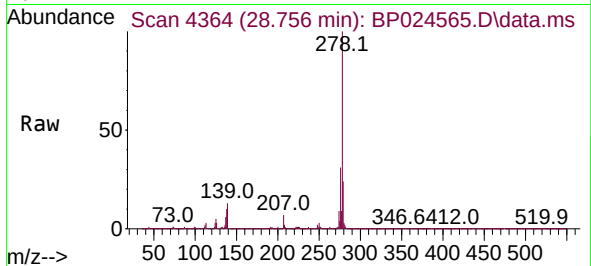




#91
Dibenzo(a,h)anthracene
Concen: 48.125 ng
RT: 28.756 min Scan# 41
Delta R.T. -0.047 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Instrument :
BNA_P
ClientSampleId :
MH-PMSD

Tgt Ion:278 Resp: 2942837
Ion Ratio Lower Upper
278 100
139 13.3 12.6 19.0
279 23.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.952 ng
RT: 29.856 min Scan# 4551
Delta R.T. -0.041 min
Lab File: BP024565.D
Acq: 07 May 2025 16:02

Tgt Ion:276 Resp: 2860132
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 17.9 18.7 28.1#

