

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
 Data File : BP024265.D
 Acq On : 11 Apr 2025 14:19
 Operator : RC/JU
 Sample : Q1748-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 IB-1.5-WCMS

Quant Time: Apr 11 14:59:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	198893	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	835760	20.000	ng	-0.02
39) Acenaphthene-d10	14.386	164	566625	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1260548	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1426665	20.000	ng	0.00
86) Perylene-d12	25.004	264	871094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1988756	159.614	ng	0.00
7) Phenol-d6	6.922	99	2499529	150.014	ng	0.00
23) Nitrobenzene-d5	8.887	82	1605956	108.416	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1423364	199.424	ng	0.00
45) 2-Fluorobiphenyl	12.992	172	3666524	95.414	ng	0.00
79) Terphenyl-d14	19.916	244	7270183	105.191	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	197424	39.973	ng	# 78
3) Pyridine	3.699	79	726093	53.777	ng	97
4) n-Nitrosodimethylamine	3.599	42	207047	45.906	ng	99
6) Aniline	7.075	93	278787	18.365	ng	98
8) 2-Chlorophenol	7.310	128	678421	50.409	ng	99
9) Benzaldehyde	6.887	77	155372	19.323	ng	97
10) Phenol	6.946	94	813258	48.350	ng	99
11) bis(2-Chloroethyl)ether	7.163	93	614434	46.322	ng	96
12) 1,3-Dichlorobenzene	7.628	146	618603	42.623	ng	99
13) 1,4-Dichlorobenzene	7.775	146	634304	42.805	ng	99
14) 1,2-Dichlorobenzene	8.087	146	623687	43.859	ng	99
15) Benzyl Alcohol	7.975	79	420731	39.885	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	665859	49.184	ng	97
17) 2-Methylphenol	8.181	107	585018	55.464	ng	99
18) Hexachloroethane	8.804	117	222640	42.349	ng	98
19) n-Nitroso-di-n-propyla...	8.534	70	488650	50.552	ng	99
20) 3+4-Methylphenols	8.504	107	814153	56.184	ng	99
22) Acetophenone	8.552	105	988977	46.805	ng	# 99
24) Nitrobenzene	8.928	77	717881	49.127	ng	99
25) Isophorone	9.446	82	1421417	55.979	ng	99
26) 2-Nitrophenol	9.634	139	360276	51.615	ng	99
27) 2,4-Dimethylphenol	9.698	122	680718	75.842	ng	98
28) bis(2-Chloroethoxy)met...	9.928	93	797057	44.620	ng	99
29) 2,4-Dichlorophenol	10.169	162	663319	54.631	ng	100
30) 1,2,4-Trichlorobenzene	10.381	180	596034	44.431	ng	99
31) Naphthalene	10.563	128	2020428	45.605	ng	100
32) Benzoic acid	9.834	122	487804	55.727	ng	97
33) 4-Chloroaniline	10.681	127	137875	8.696	ng	99
34) Hexachlorobutadiene	10.851	225	329257	42.648	ng	99
35) Caprolactam	11.463	113	254562	63.971	ng	97
36) 4-Chloro-3-methylphenol	11.810	107	812838	62.057	ng	99
37) 2-Methylnaphthalene	12.175	142	1336378	44.651	ng	99
38) 1-Methylnaphthalene	12.404	142	1421267	48.823	ng	99
40) 1,2,4,5-Tetrachloroben...	12.551	216	701326	42.817	ng	99
41) Hexachlorocyclopentadiene	12.528	237	910279	154.174	ng	98
43) 2,4,6-Trichlorophenol	12.798	196	547883	52.633	ng	99

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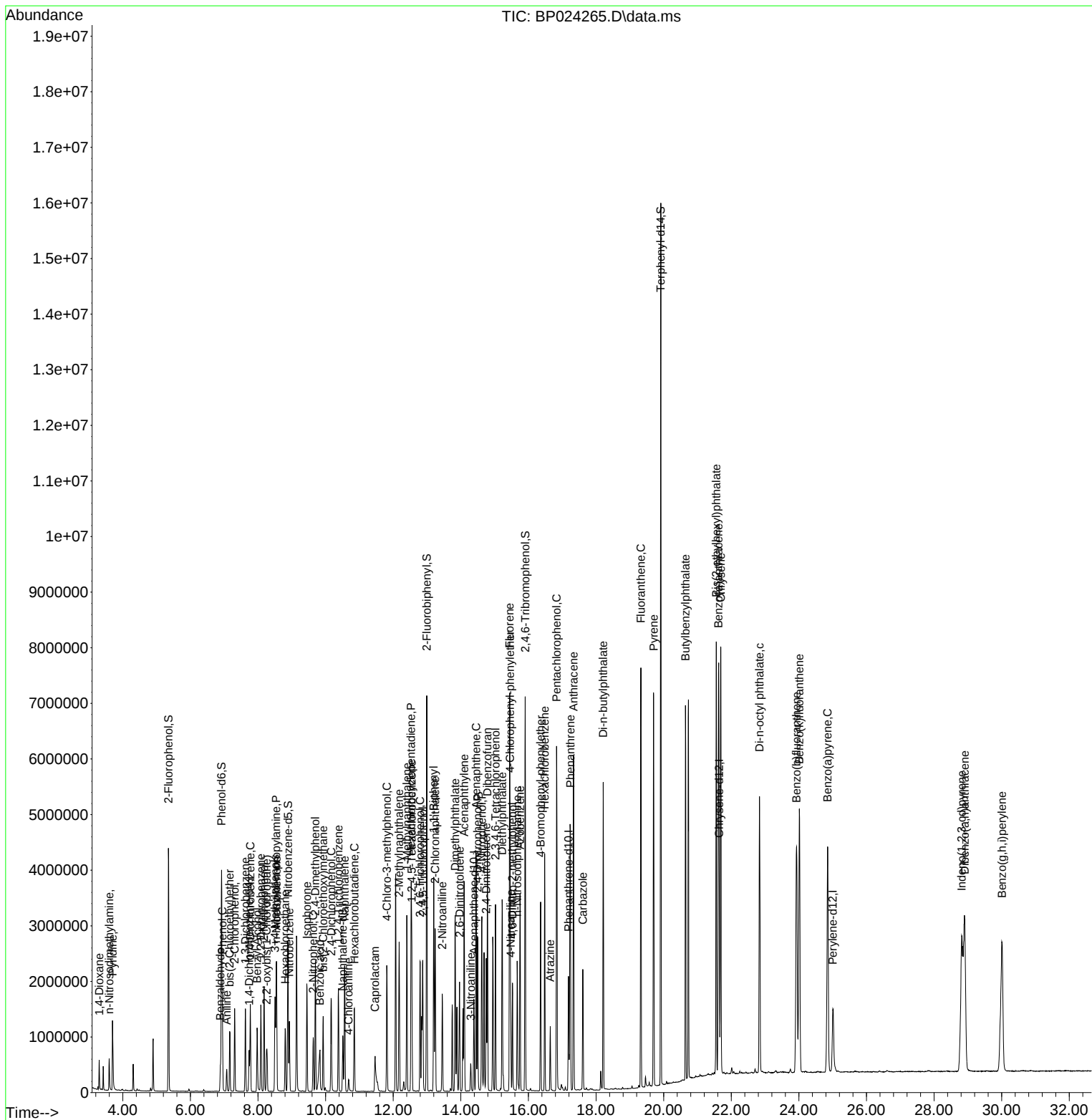
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 IB-1.5-WCMS

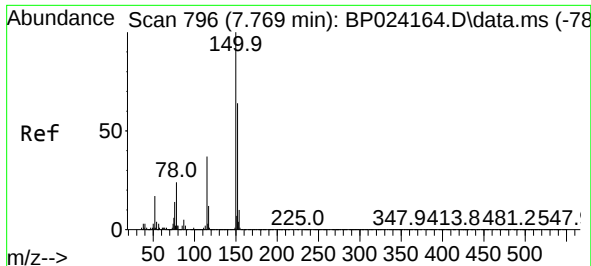
Quant Time: Apr 11 14:59:06 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	649678	56.911	ng	99
46) 1,1'-Biphenyl	13.198	154	1965684	46.165	ng	99
47) 2-Chloronaphthalene	13.239	162	1517908	47.395	ng	99
48) 2-Nitroaniline	13.451	65	482628	58.918	ng	96
49) Acenaphthylene	14.098	152	2623879	54.145	ng	100
50) Dimethylphthalate	13.834	163	2173322	54.816	ng	100
51) 2,6-Dinitrotoluene	13.963	165	486052	58.265	ng	98
52) Acenaphthene	14.451	154	1539419	49.719	ng	99
53) 3-Nitroaniline	14.298	138	153208	17.004	ng	99
54) 2,4-Dinitrophenol	14.498	184	656992	148.841	ng	94
55) Dibenzofuran	14.786	168	2463534	49.120	ng	98
56) 4-Nitrophenol	14.622	139	1037606	137.823	ng	96
57) 2,4-Dinitrotoluene	14.751	165	723204	65.632	ng	97
58) Fluorene	15.445	166	2083618	53.321	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	584528	57.955	ng	98
60) Diethylphthalate	15.222	149	2253741	57.082	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	979569	51.110	ng	97
62) 4-Nitroaniline	15.475	138	396219	41.929	ng	99
63) Azobenzene	15.751	77	1987173	53.399	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	418302	55.897	ng	95
66) n-Nitrosodiphenylamine	15.669	169	943117	24.638	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	659062	47.621	ng	98
68) Hexachlorobenzene	16.480	284	807518	49.297	ng	99
69) Atrazine	16.645	200	215386	23.312	ng	99
70) Pentachlorophenol	16.833	266	1215004	114.697	ng	99
71) Phenanthrene	17.239	178	3497744	50.793	ng	99
72) Anthracene	17.333	178	3514990	52.408	ng	100
73) Carbazole	17.610	167	1426762	22.059	ng	100
74) Di-n-butylphthalate	18.210	149	4206804	54.788	ng	100
75) Fluoranthene	19.327	202	4297131	53.879	ng	99
78) Pyrene	19.704	202	4378542	49.366	ng	99
80) Butylbenzylphthalate	20.645	149	2050522	56.062	ng	98
81) Benzo(a)anthracene	21.621	228	4632255	52.224	ng	100
83) Chrysene	21.692	228	4265411	50.023	ng	99
84) Bis(2-ethylhexyl)phtha...	21.557	149	2941938	53.306	ng	100
85) Di-n-octyl phthalate	22.833	149	4973283	56.242	ng	100
87) Indeno(1,2,3-cd)pyrene	28.815	276	5522504	90.837	ng	99
88) Benzo(b)fluoranthene	23.927	252	4834705	92.052	ng	98
89) Benzo(k)fluoranthene	24.015	252	4709378	91.665	ng	100
90) Benzo(a)pyrene	24.851	252	4188367	91.707	ng	99
91) Dibenzo(a,h)anthracene	28.909	278	4800304	94.907	ng	99
92) Benzo(g,h,i)perylene	30.009	276	4314856	83.921	ng	100

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

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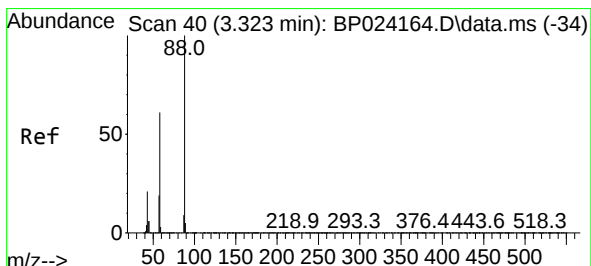
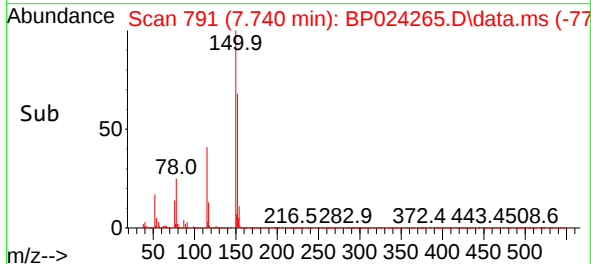
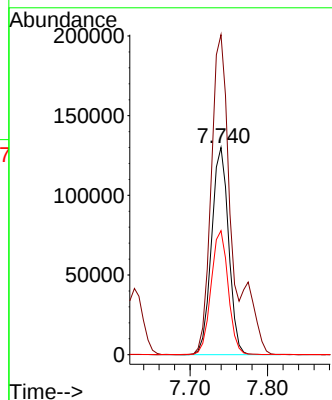
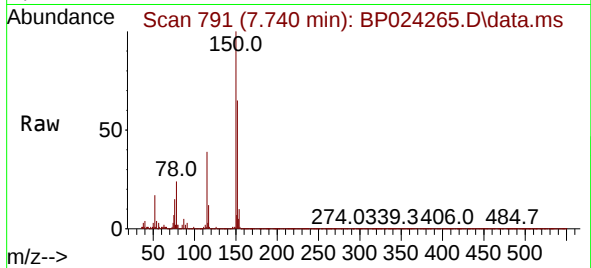




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BP024265.D
 Acq: 11 Apr 2025 14:19

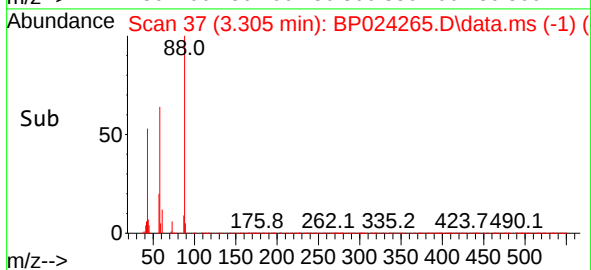
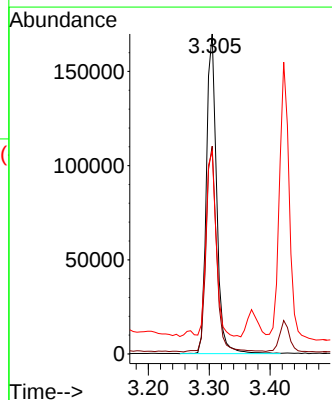
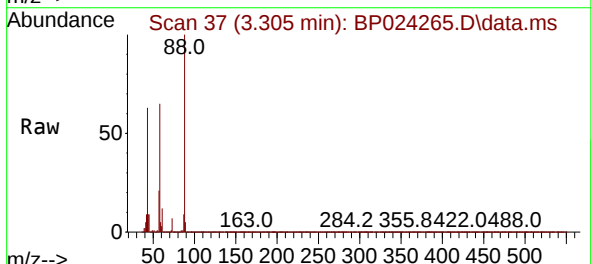
Instrument :
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 IB-1.5-WCMS

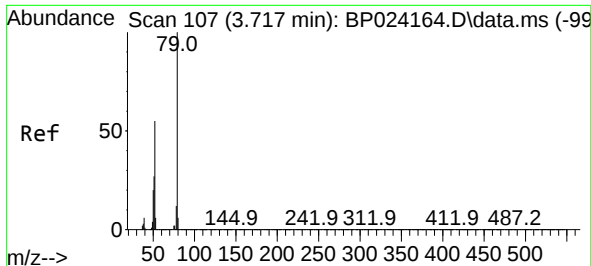
Tgt Ion:152 Resp: 198893
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.5 188.3
 115 59.8 46.3 69.5



#2
 1,4-Dioxane
 Concen: 39.973 ng
 RT: 3.305 min Scan# 37
 Delta R.T. 0.000 min
 Lab File: BP024265.D
 Acq: 11 Apr 2025 14:19

Tgt Ion: 88 Resp: 197424
 Ion Ratio Lower Upper
 88 100
 58 65.7 49.8 74.6
 43 56.5 17.3 25.9

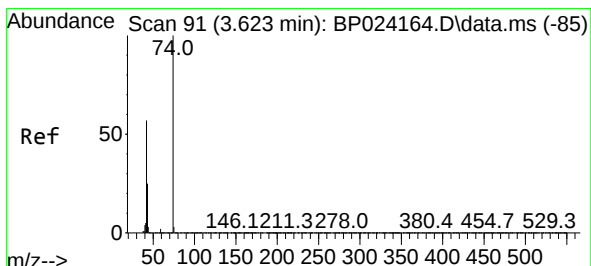
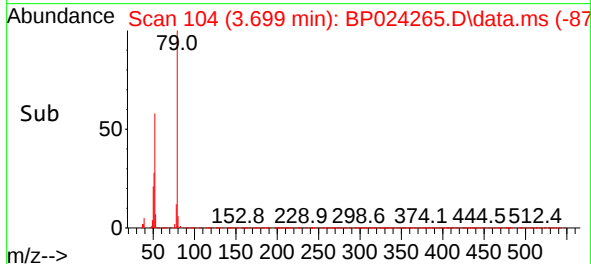
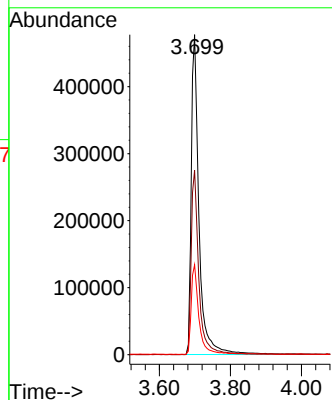
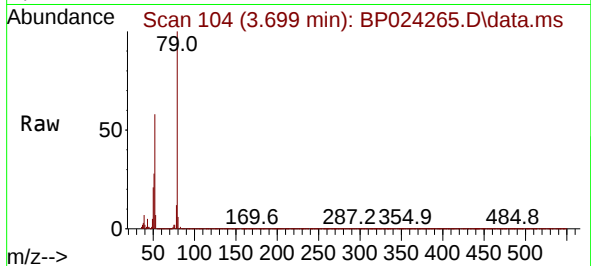




#3
Pyridine
Concen: 53.777 ng
RT: 3.699 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

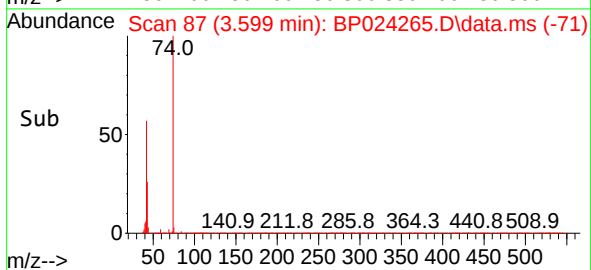
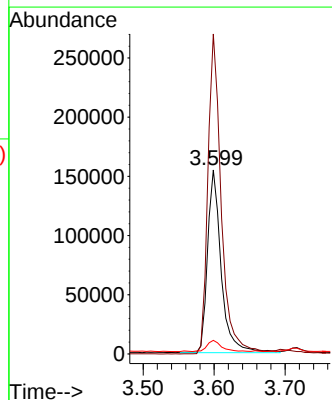
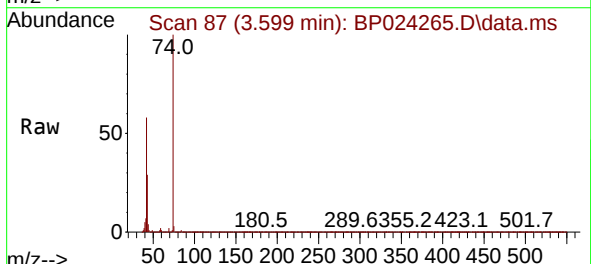
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

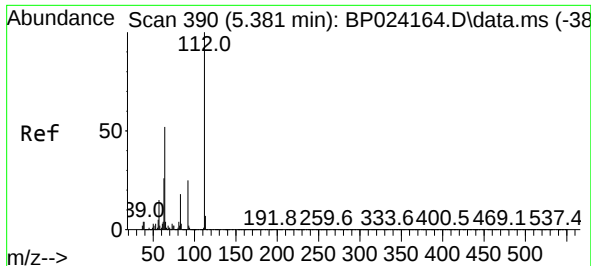
Tgt Ion: 79 Resp: 726093
Ion Ratio Lower Upper
79 100
52 57.6 43.8 65.8
51 28.1 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 45.906 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 42 Resp: 207047
Ion Ratio Lower Upper
42 100
74 173.9 139.8 209.6
44 7.4 5.3 7.9

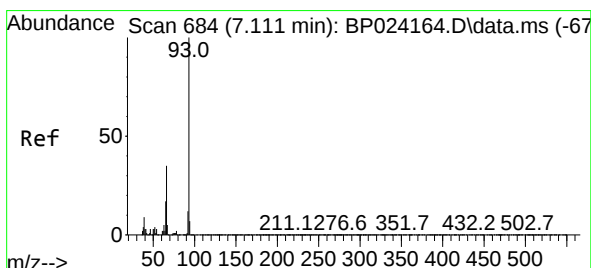
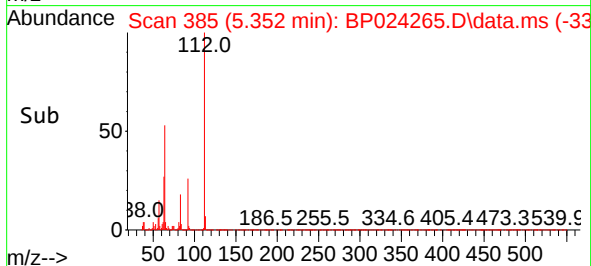
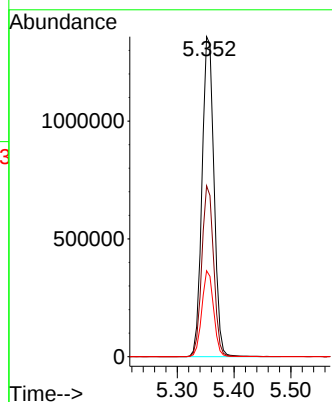
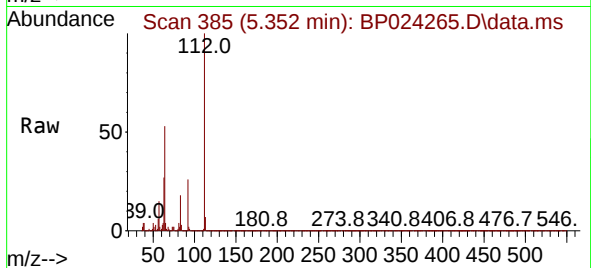




#5
2-Fluorophenol
Concen: 159.614 ng
RT: 5.352 min Scan# 385
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

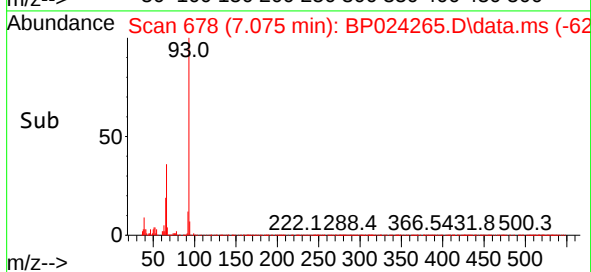
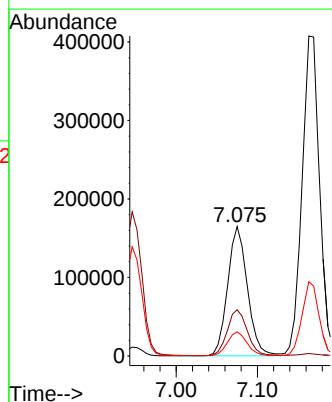
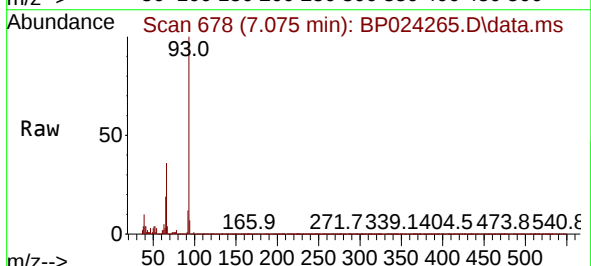
Instrument :
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ClientSampleId :
IB-1.5-WCMS

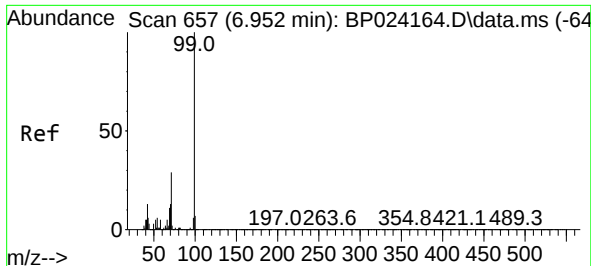
Tgt Ion:112 Resp: 1988756
Ion Ratio Lower Upper
112 100
64 53.4 41.3 61.9
63 26.9 20.6 31.0



#6
Aniline
Concen: 18.365 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 93 Resp: 278787
Ion Ratio Lower Upper
93 100
66 35.7 28.2 42.2
65 18.7 14.0 21.0



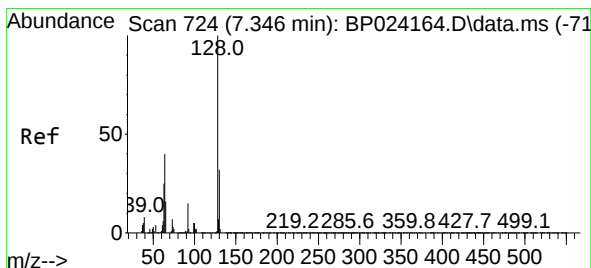
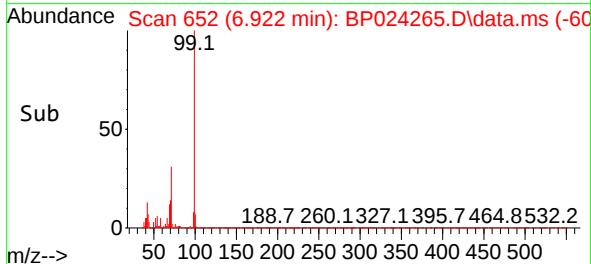
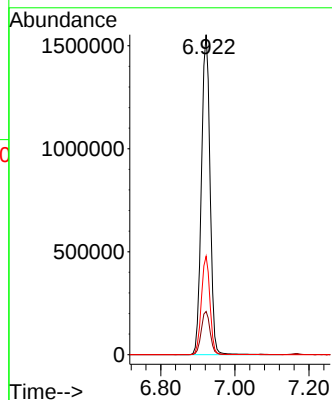
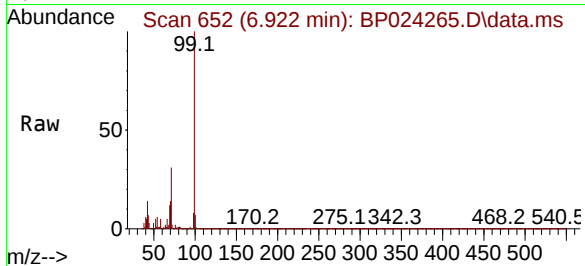


#7
Phenol-d6
Concen: 150.014 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

Tgt Ion: 99 Resp: 2499529

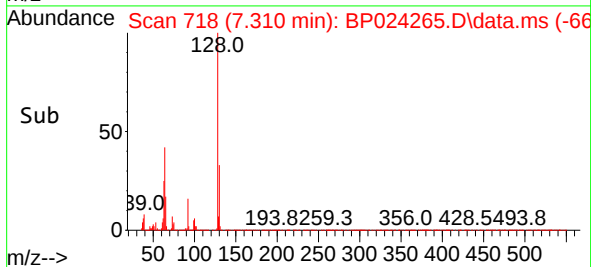
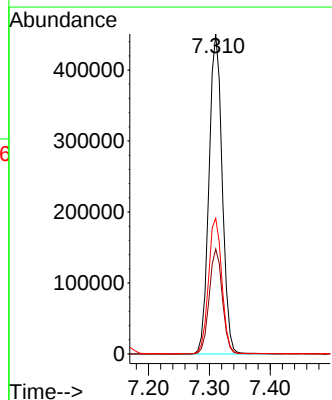
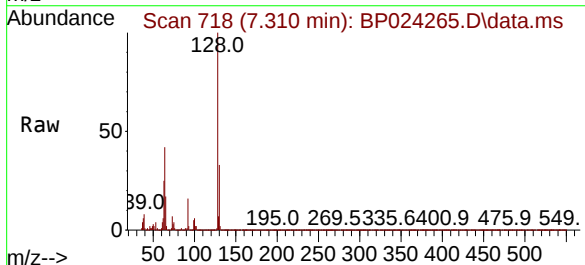
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	30.8	23.3	34.9

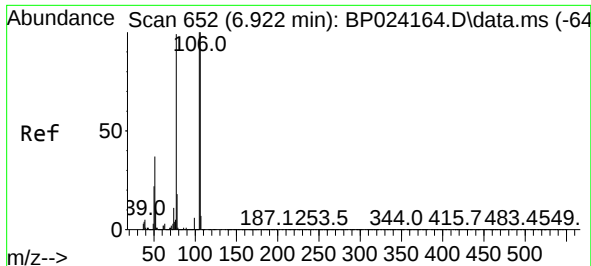


#8
2-Chlorophenol
Concen: 50.409 ng
RT: 7.310 min Scan# 718
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 128 Resp: 678421

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	42.4	21.6	61.6

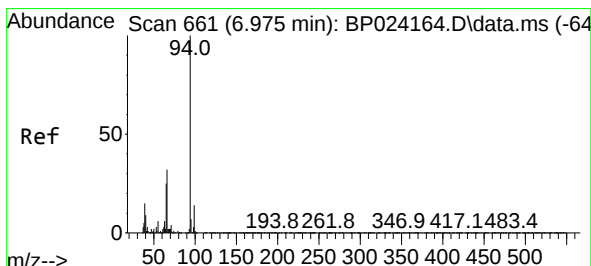
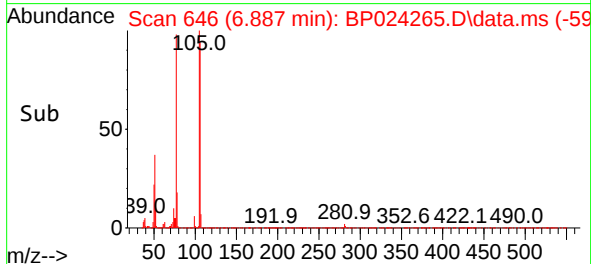
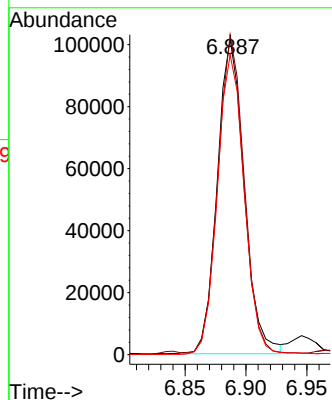
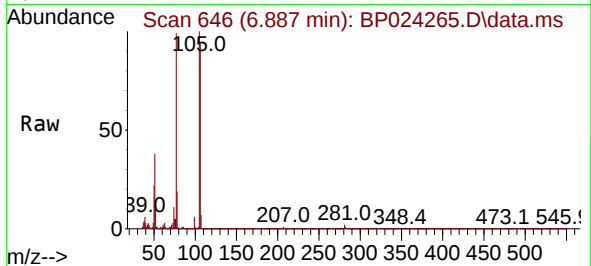




#9
Benzaldehyde
Concen: 19.323 ng
RT: 6.887 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

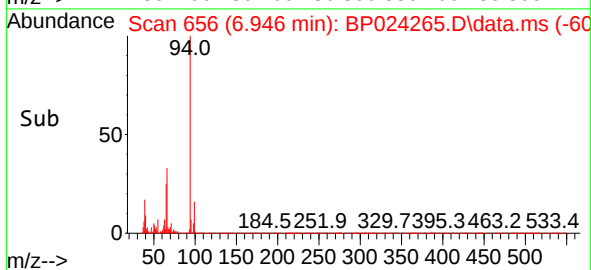
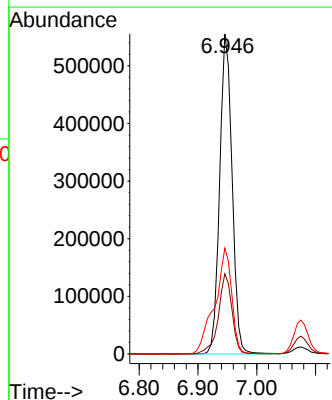
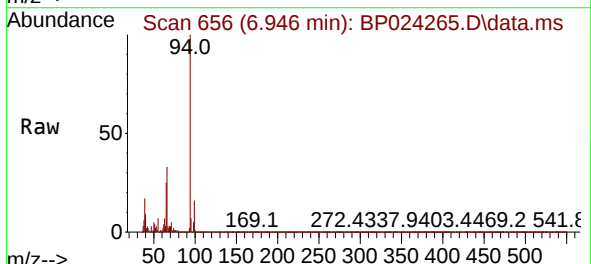
Instrument :
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ClientSampleId :
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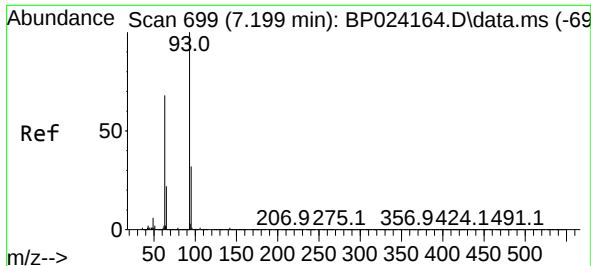
Tgt Ion: 77 Resp: 155372
Ion Ratio Lower Upper
77 100
105 101.4 81.4 121.4
106 95.0 81.1 121.1



#10
Phenol
Concen: 48.350 ng
RT: 6.946 min Scan# 656
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 94 Resp: 813258
Ion Ratio Lower Upper
94 100
65 25.0 4.9 44.9
66 33.1 11.9 51.9

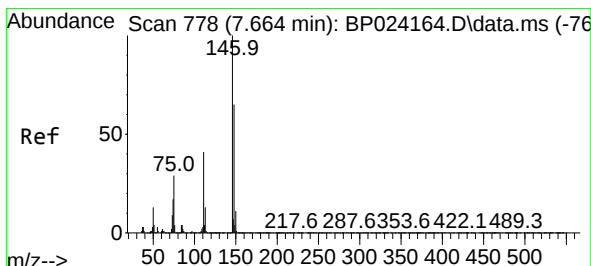
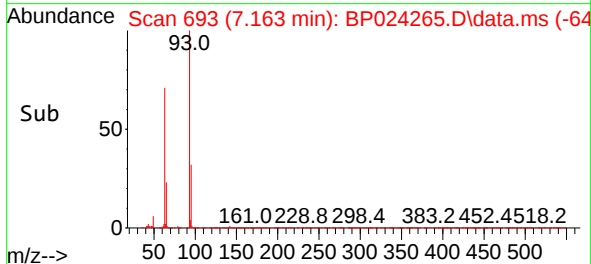
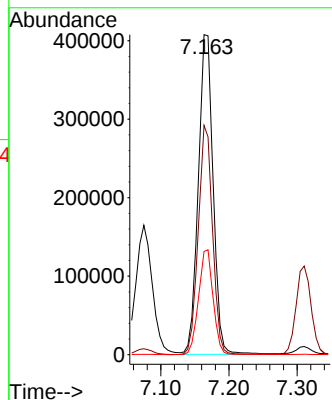
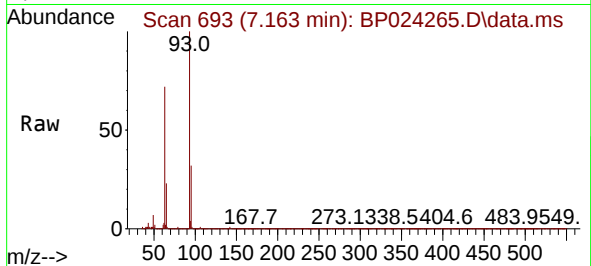




#11
bis(2-Chloroethyl)ether
Concen: 46.322 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

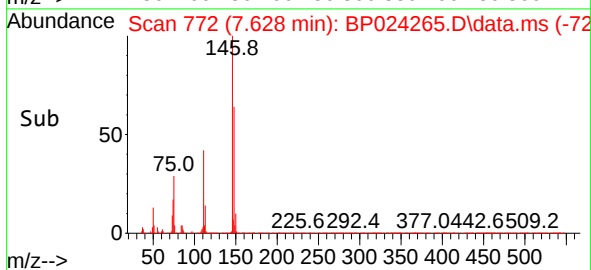
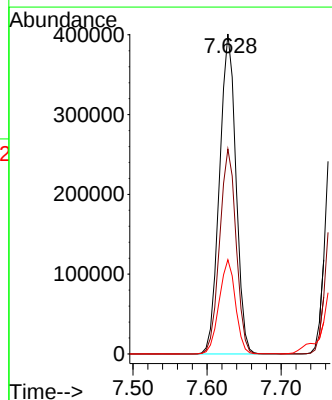
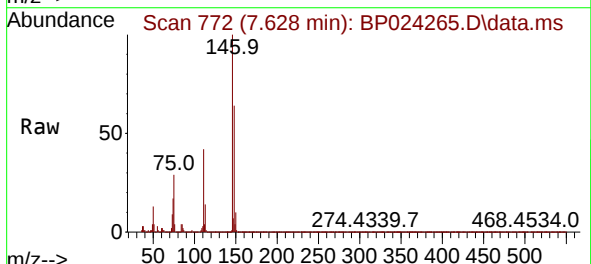
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

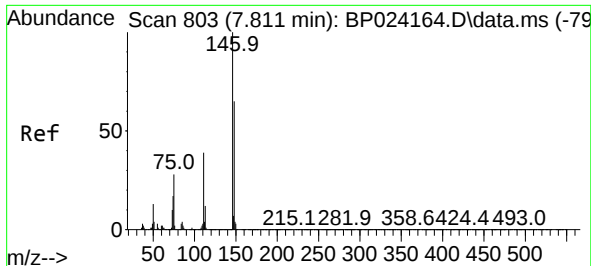
Tgt Ion: 93 Resp: 614434
Ion Ratio Lower Upper
93 100
63 71.6 47.4 87.4
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 42.623 ng
RT: 7.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 146 Resp: 618603
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 29.5 22.8 34.2

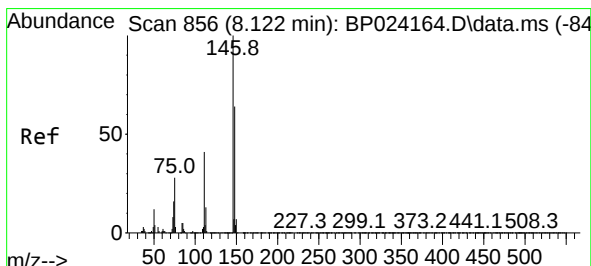
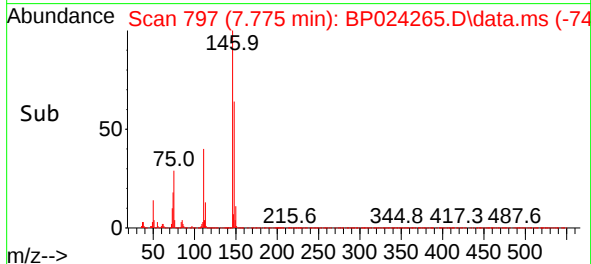
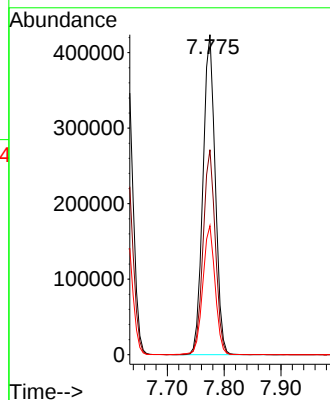
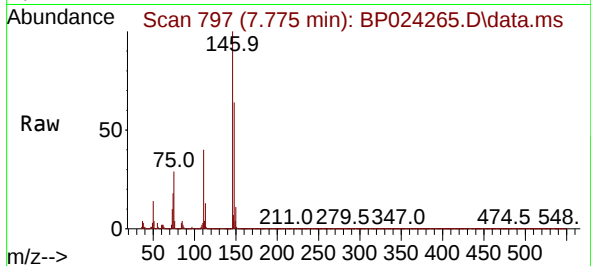




#13
1,4-Dichlorobenzene
Concen: 42.805 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

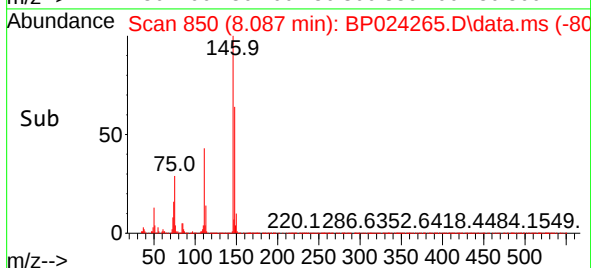
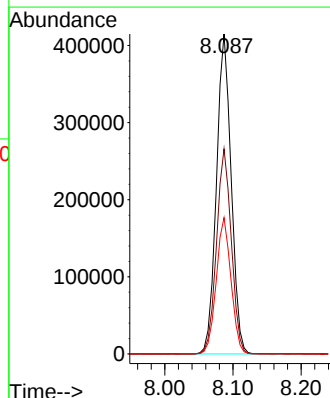
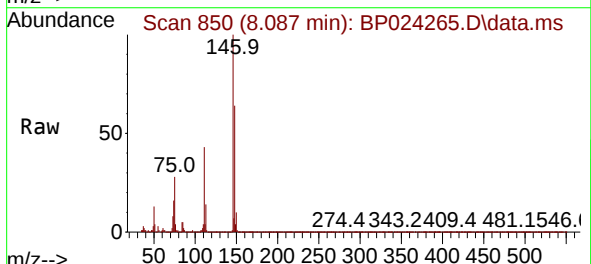
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

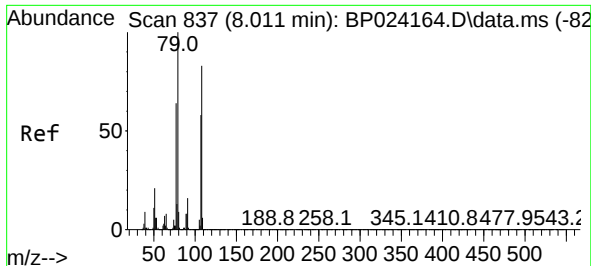
Tgt Ion:146 Resp: 634304
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
111 40.3 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 43.859 ng
RT: 8.087 min Scan# 850
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:146 Resp: 623687
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 42.6 33.2 49.8

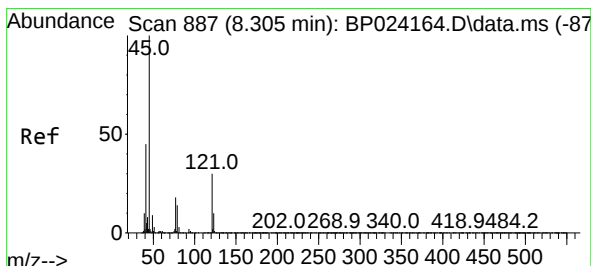
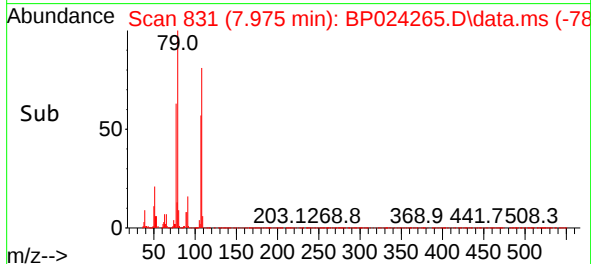
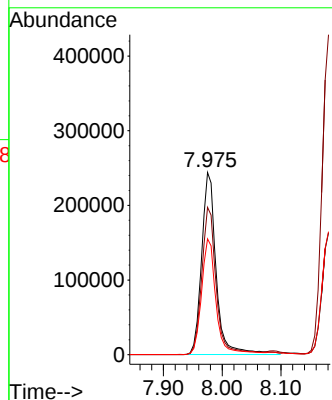
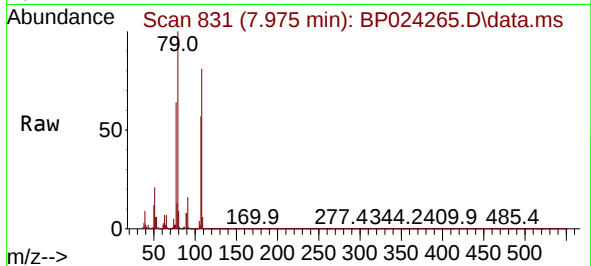




#15
Benzyl Alcohol
Concen: 39.885 ng
RT: 7.975 min Scan# 811
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

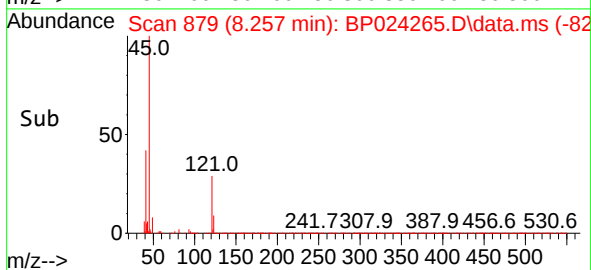
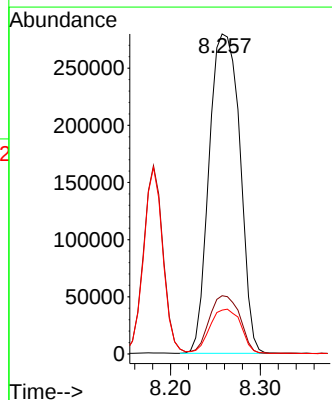
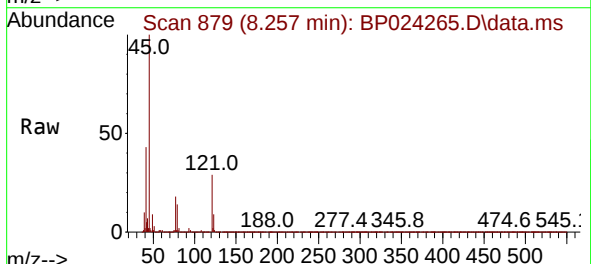
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

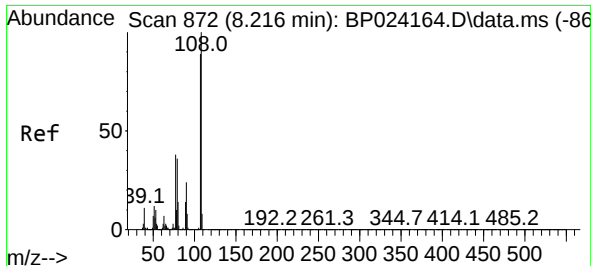
Tgt Ion: 79 Resp: 420731
Ion Ratio Lower Upper
79 100
108 80.9 66.5 99.7
77 63.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.184 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 45 Resp: 665859
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.0
79 13.7 0.0 35.6

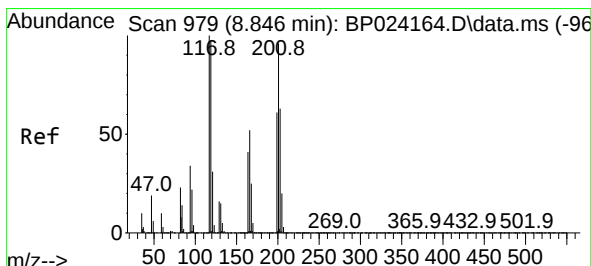
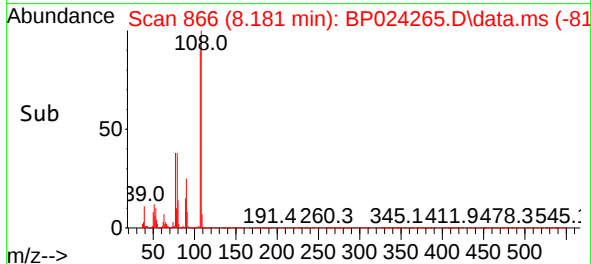
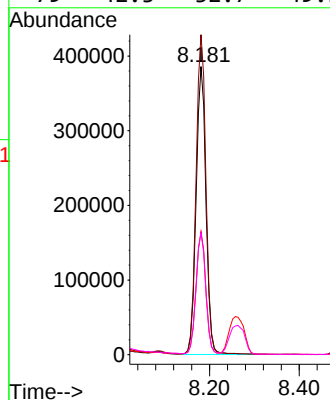
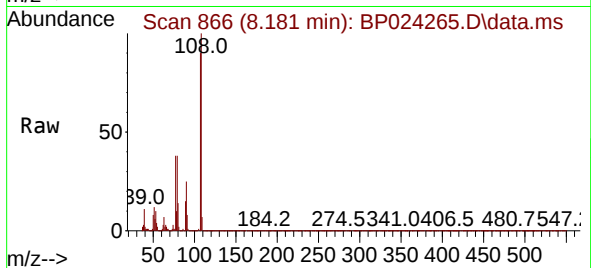




#17
2-Methylphenol
Concen: 55.464 ng
RT: 8.181 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

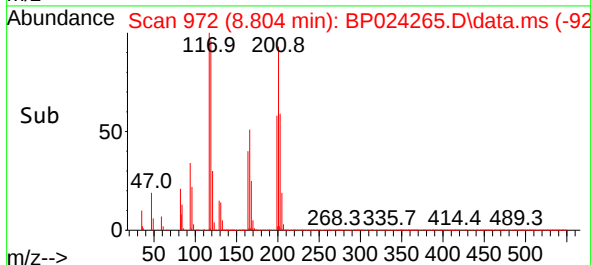
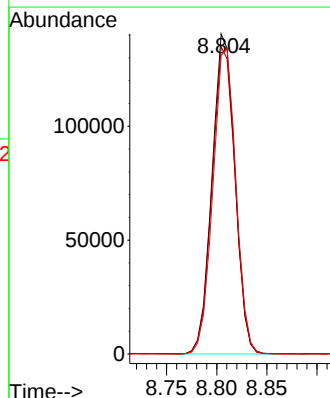
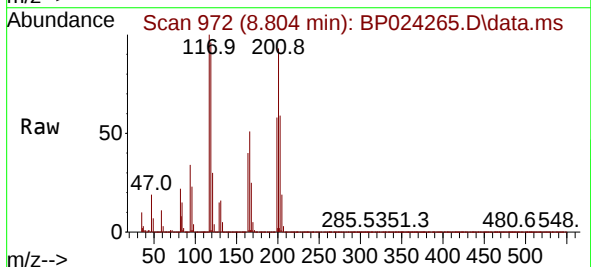
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

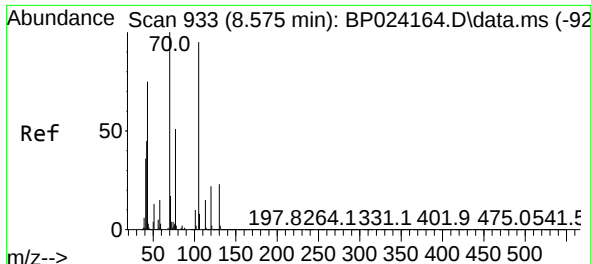
Tgt Ion:	107	Resp:	585018
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.0	135.0
77	42.7	34.0	51.0
79	42.3	32.7	49.1



#18
Hexachloroethane
Concen: 42.349 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.018 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:	117	Resp:	222640
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	93.3	76.6	114.8



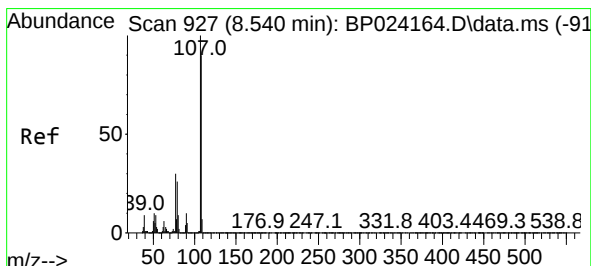
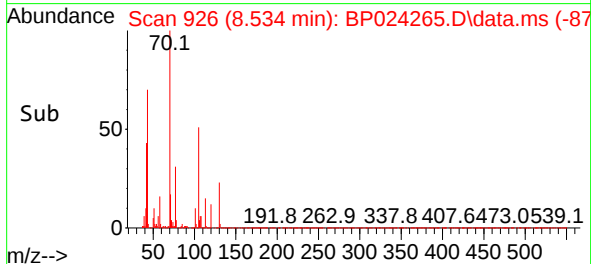
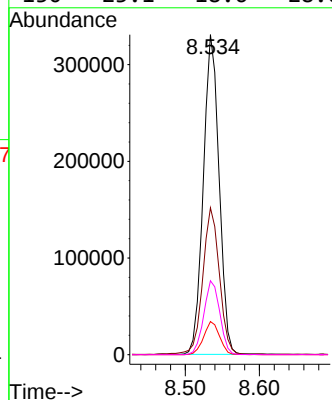
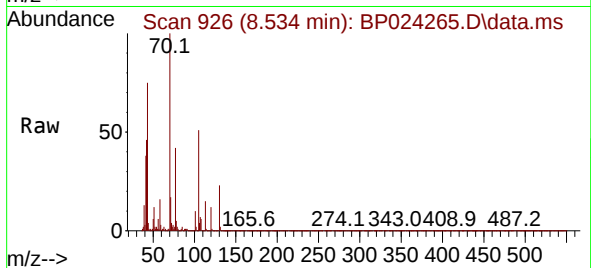


#19
n-Nitroso-di-n-propylamine
Concen: 50.552 ng
RT: 8.534 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

Tgt Ion: 70 Resp: 488650

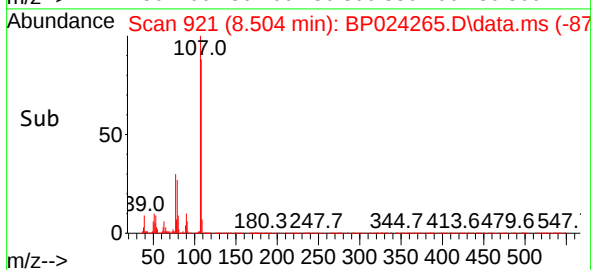
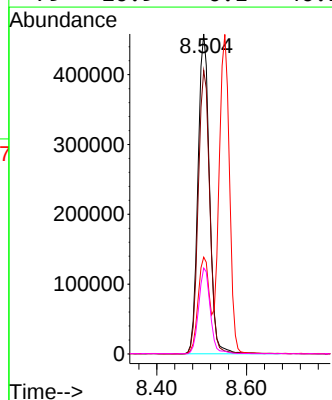
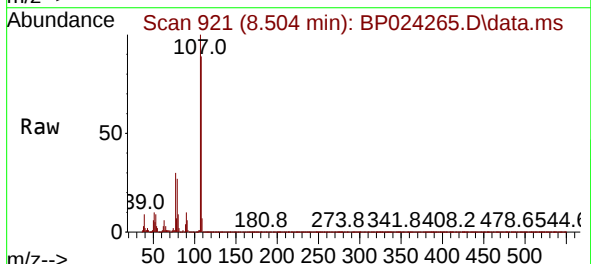
Ion	Ratio	Lower	Upper
70	100		
42	45.9	36.0	54.0
101	10.3	8.3	12.5
130	23.1	18.6	28.0

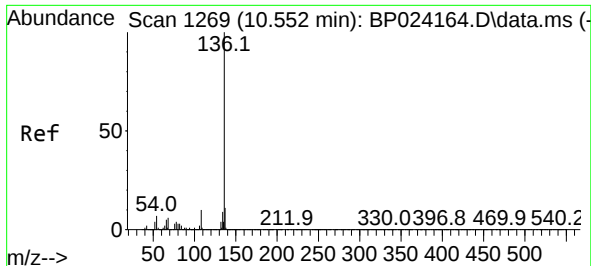


#20
3+4-Methylphenols
Concen: 56.184 ng
RT: 8.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 107 Resp: 814153

Ion	Ratio	Lower	Upper
107	100		
108	88.6	69.7	109.7
77	30.3	10.3	50.3
79	26.9	6.1	46.1

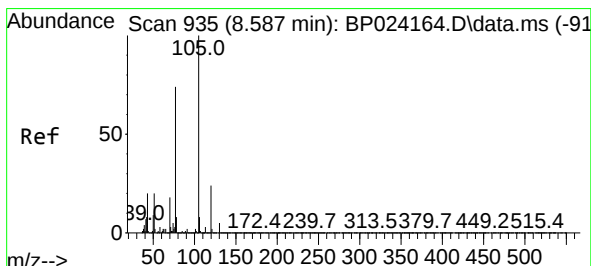
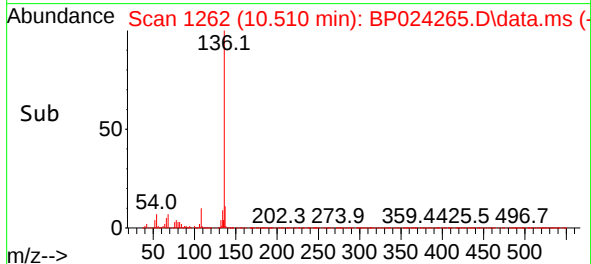
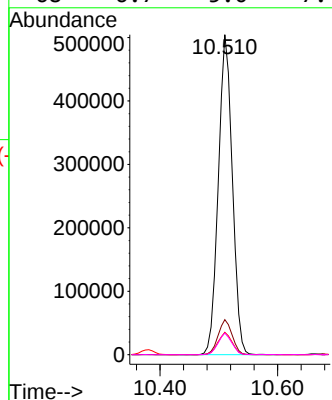
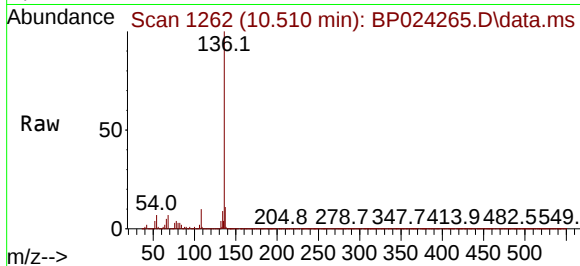




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1262
Delta R.T. -0.018 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

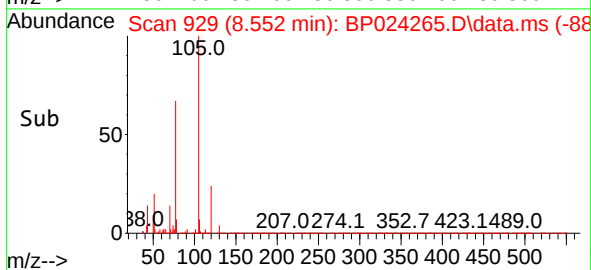
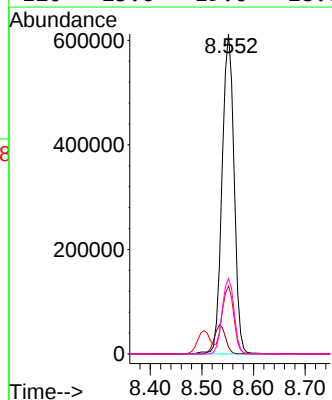
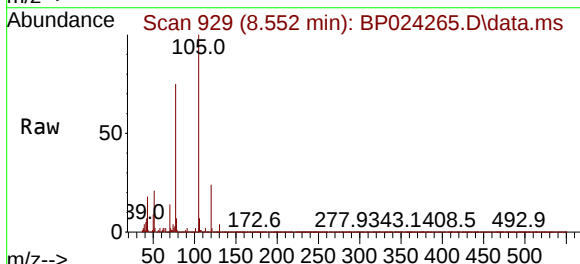
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

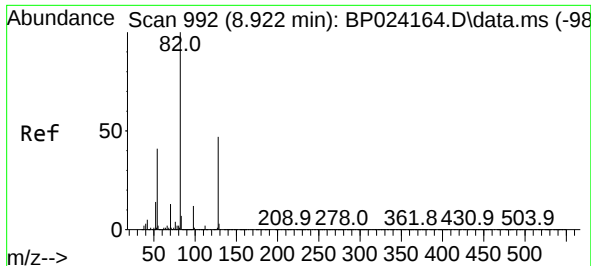
Tgt Ion:	136	Resp:	835760
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.0	5.3	7.9
68	6.7	5.0	7.4



#22
Acetophenone
Concen: 46.805 ng
RT: 8.552 min Scan# 929
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:	105	Resp:	988977
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.4	3.6
51	21.3	16.2	24.2
120	23.6	19.0	28.6

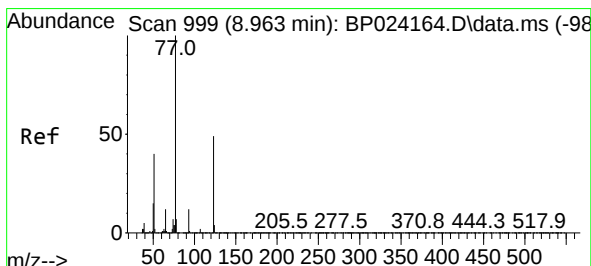
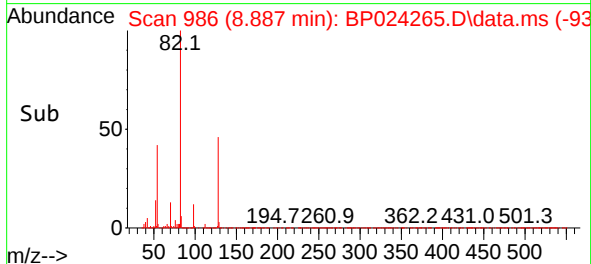
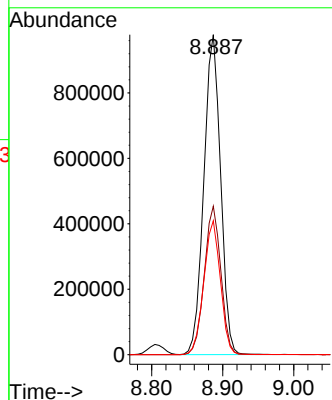
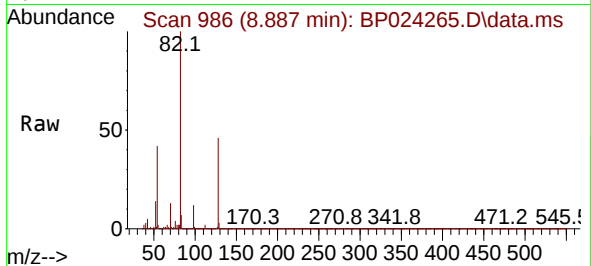




#23
Nitrobenzene-d5
Concen: 108.416 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

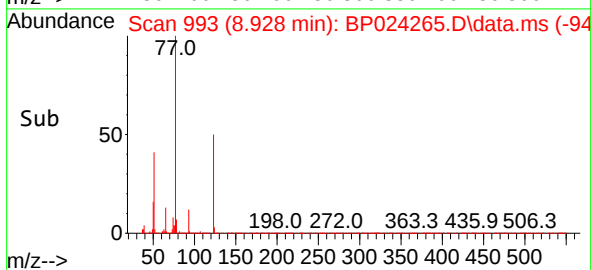
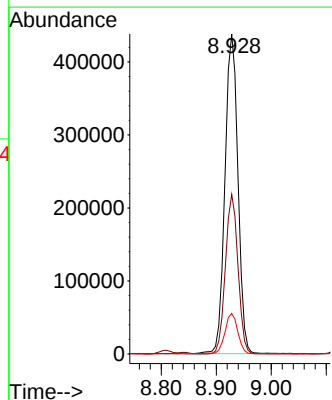
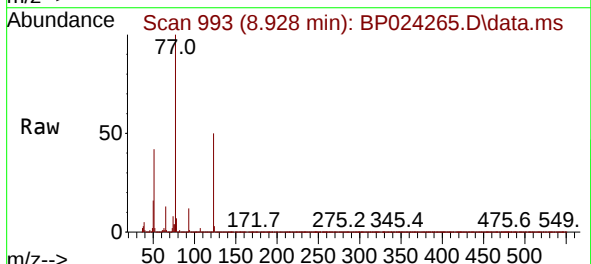
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

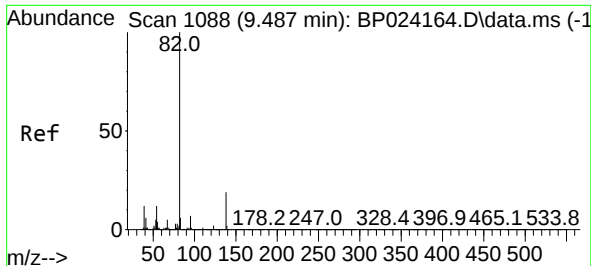
Tgt Ion: 82 Resp: 1605956
Ion Ratio Lower Upper
82 100
128 46.4 37.4 56.0
54 41.8 32.5 48.7



#24
Nitrobenzene
Concen: 49.127 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 77 Resp: 717881
Ion Ratio Lower Upper
77 100
123 49.9 39.4 59.2
65 12.6 9.9 14.9

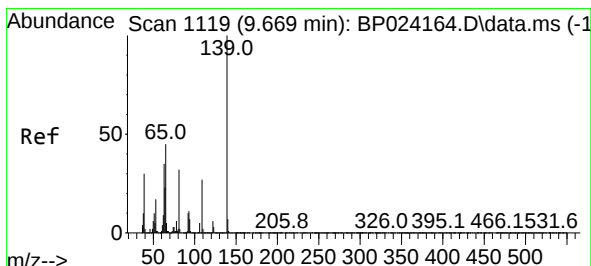
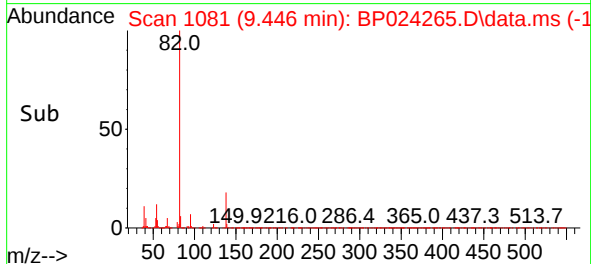
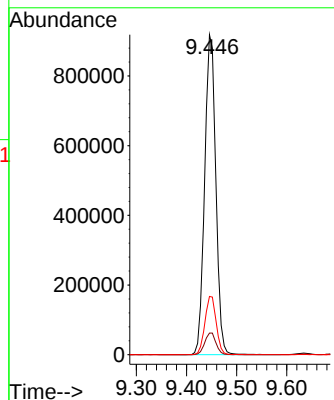
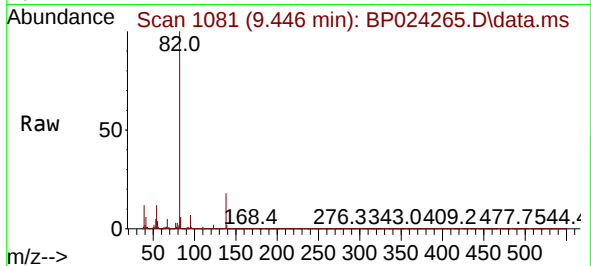




#25
Isophorone
Concen: 55.979 ng
RT: 9.446 min Scan# 1088
Delta R.T. -0.018 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

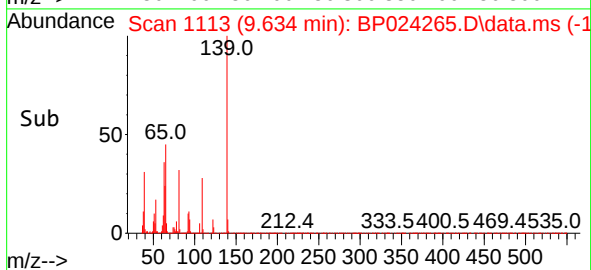
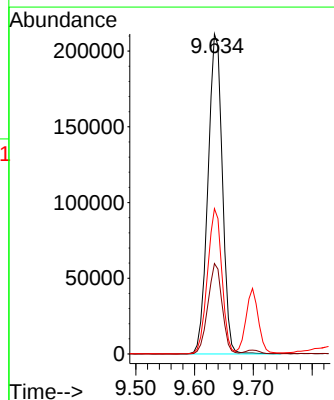
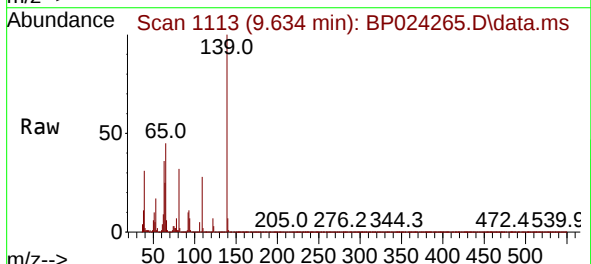
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

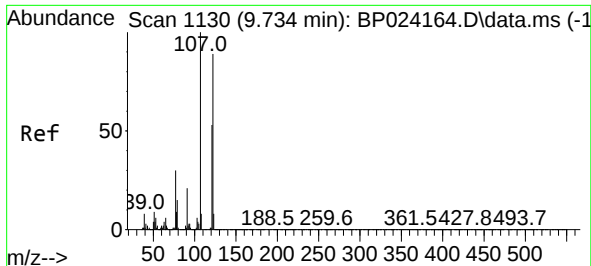
Tgt Ion: 82 Resp: 1421417
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.2 14.8 22.2



#26
2-Nitrophenol
Concen: 51.615 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 139 Resp: 360276
Ion Ratio Lower Upper
139 100
109 28.3 21.7 32.5
65 45.4 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 75.842 ng

RT: 9.698 min Scan# 1124

Delta R.T. -0.012 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

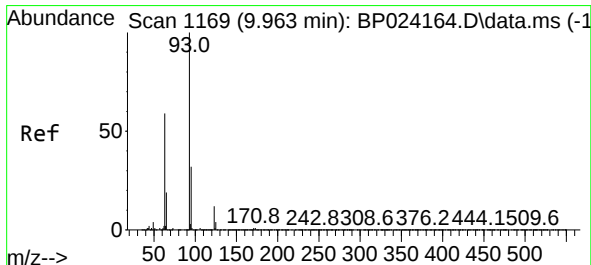
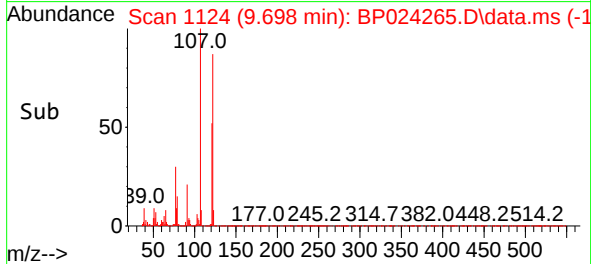
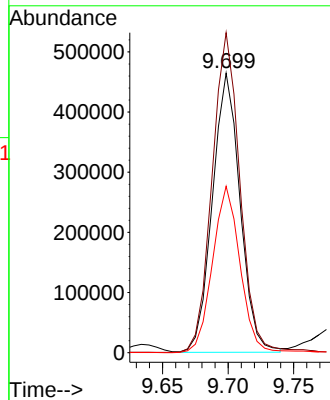
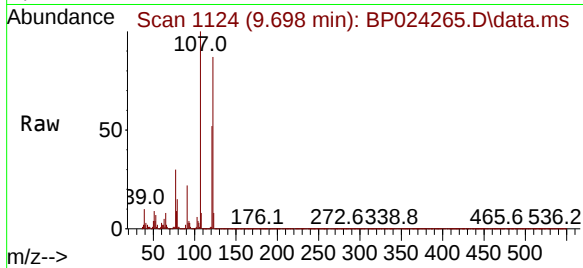
Tgt Ion:122 Resp: 680718

Ion Ratio Lower Upper

122 100

107 114.5 89.3 133.9

121 59.6 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.620 ng

RT: 9.928 min Scan# 1163

Delta R.T. -0.012 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

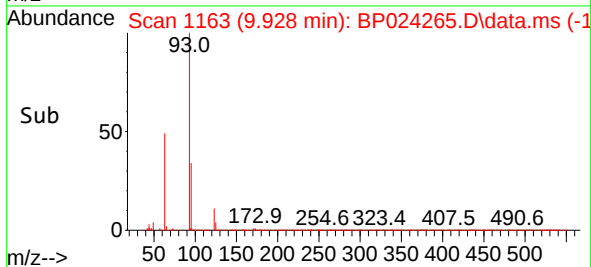
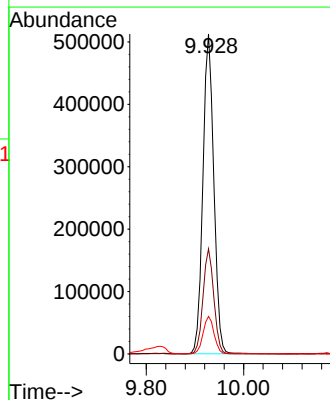
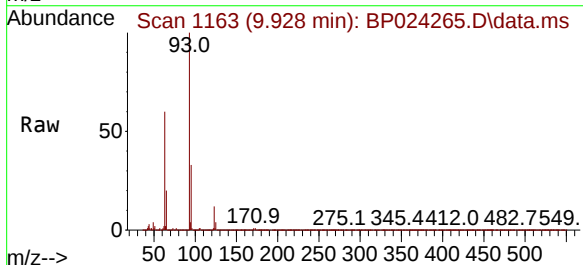
Tgt Ion: 93 Resp: 797057

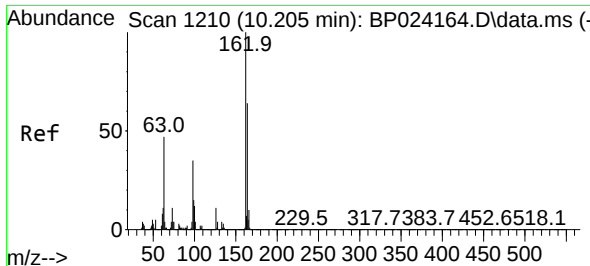
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.7 9.5 14.3

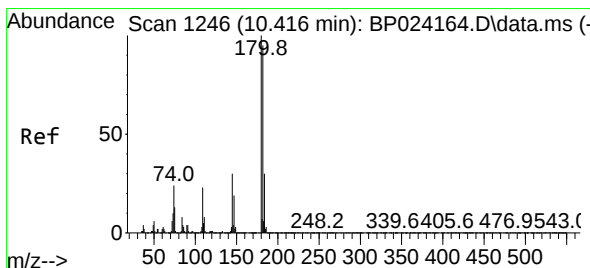
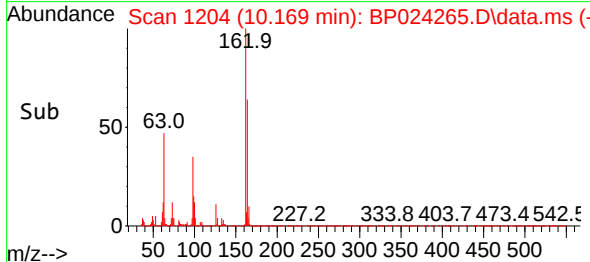
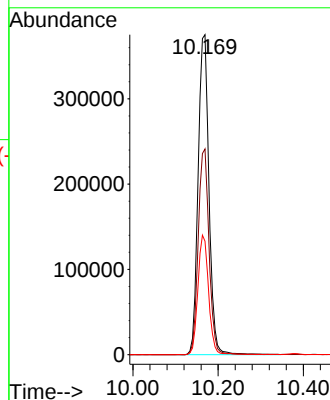
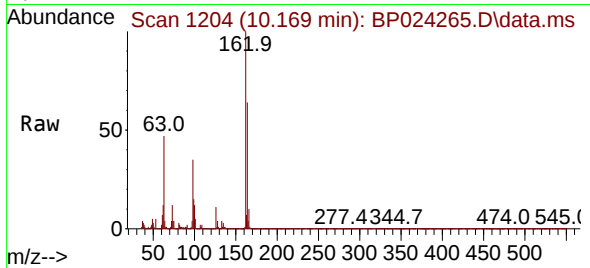




#29
2,4-Dichlorophenol
Concen: 54.631 ng
RT: 10.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

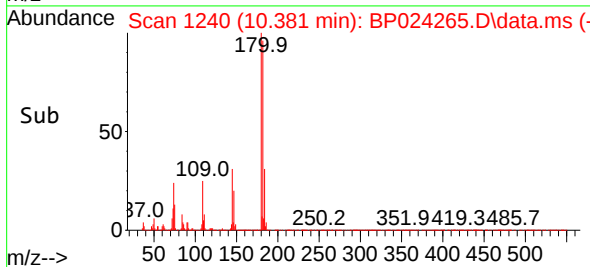
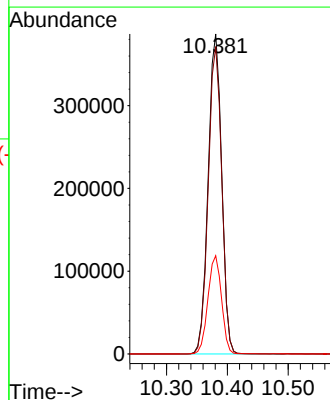
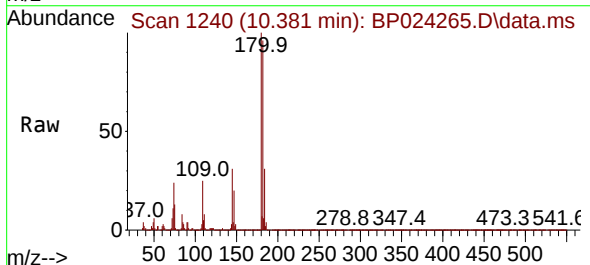
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

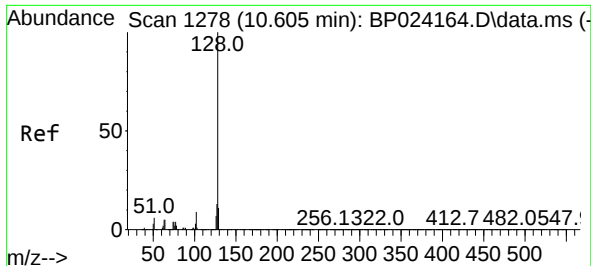
Tgt Ion:162 Resp: 663319
Ion Ratio Lower Upper
162 100
164 64.3 44.2 84.2
98 35.5 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 44.431 ng
RT: 10.381 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:180 Resp: 596034
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 30.7 24.2 36.2

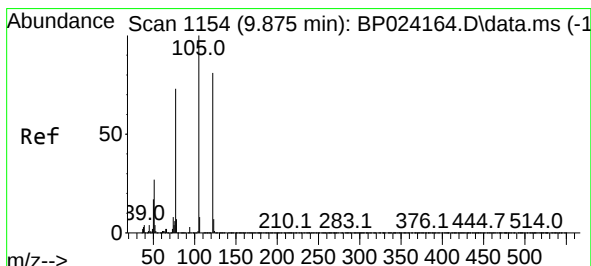
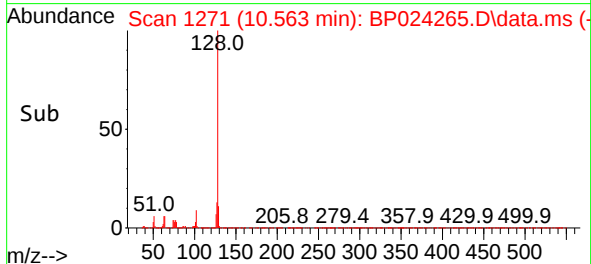
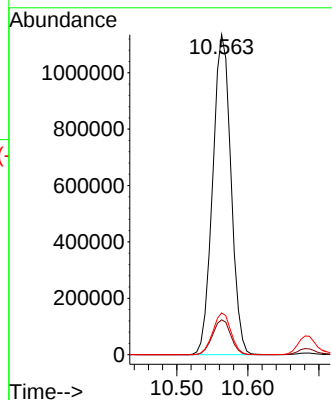
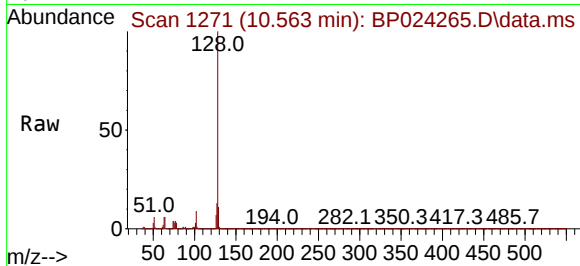




#31
Naphthalene
Concen: 45.605 ng
RT: 10.563 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

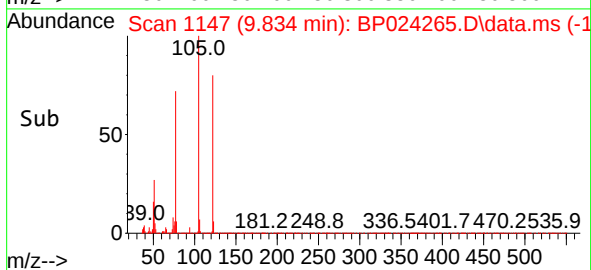
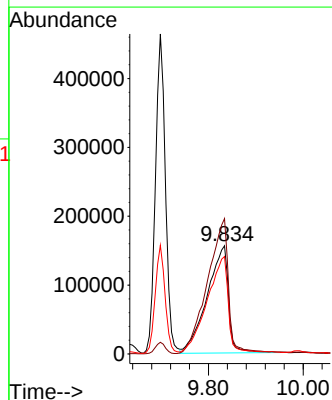
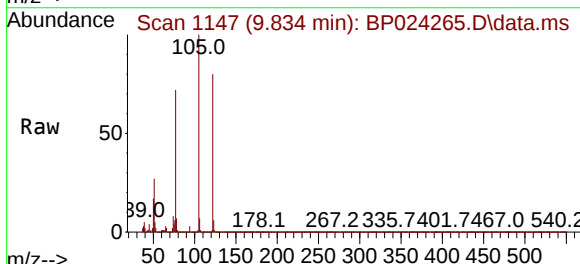
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

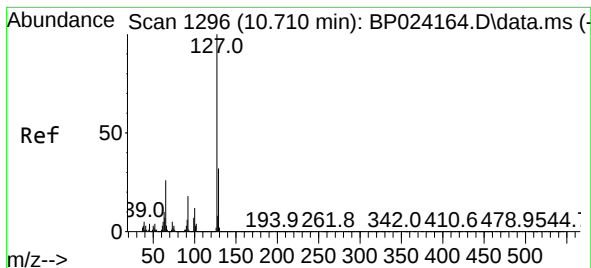
Tgt Ion:128 Resp: 2020428
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 55.727 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:122 Resp: 487804
Ion Ratio Lower Upper
122 100
105 125.1 100.3 140.3
77 90.1 69.1 109.1





#33

4-Chloroaniline

Concen: 8.696 ng

RT: 10.681 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

Tgt Ion:127 Resp: 137875

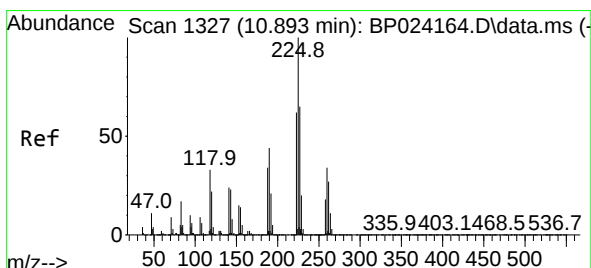
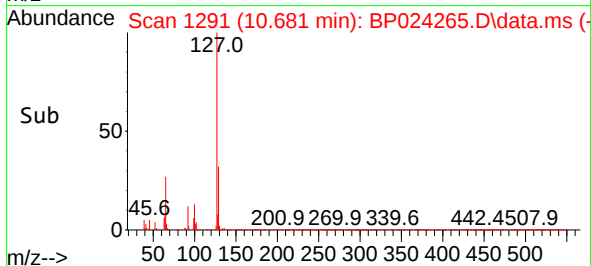
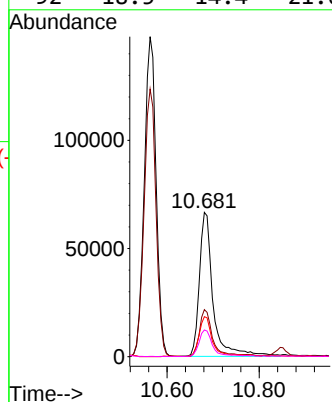
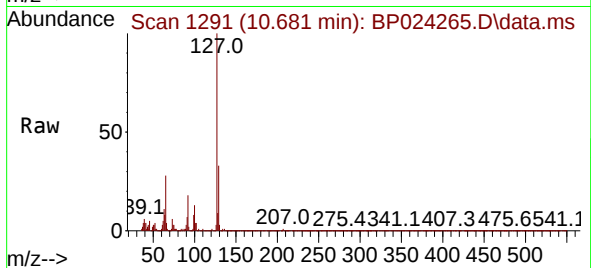
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.6

65 27.7 21.2 31.8

92 18.5 14.4 21.6



#34

Hexachlorobutadiene

Concen: 42.648 ng

RT: 10.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

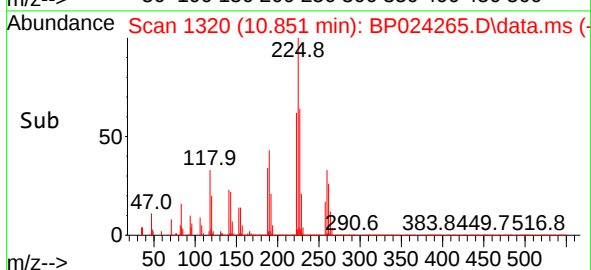
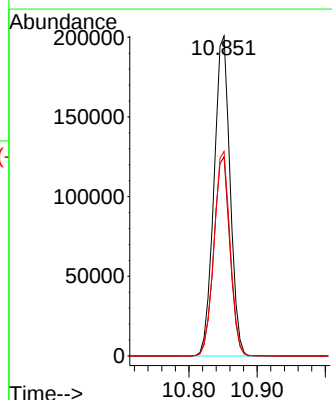
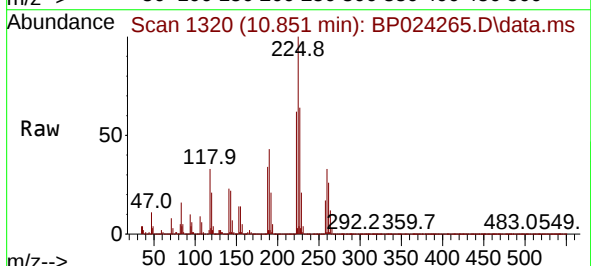
Tgt Ion:225 Resp: 329257

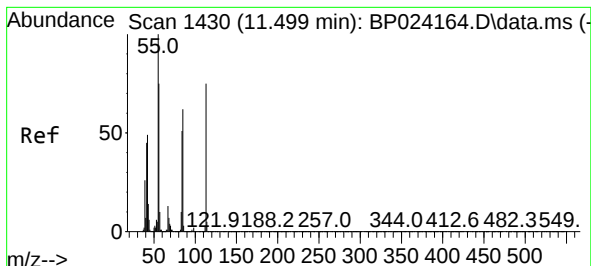
Ion Ratio Lower Upper

225 100

223 62.2 49.9 74.9

227 63.9 52.2 78.2

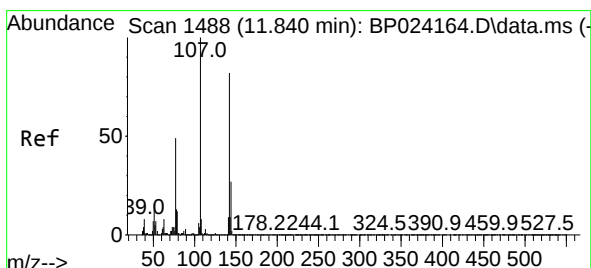
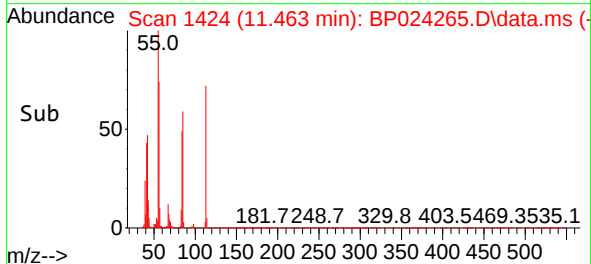
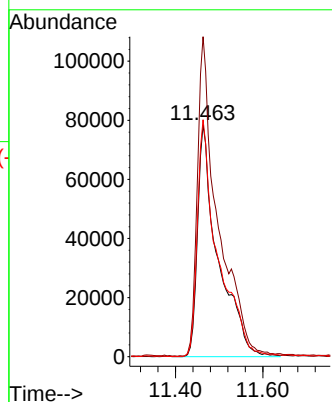
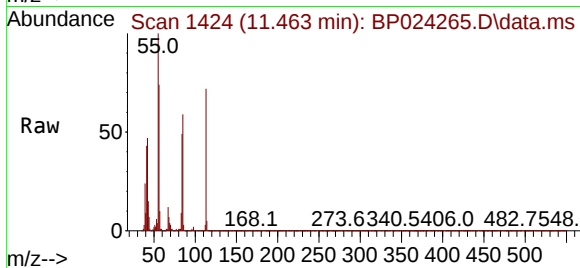




#35
Caprolactam
Concen: 63.971 ng
RT: 11.463 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

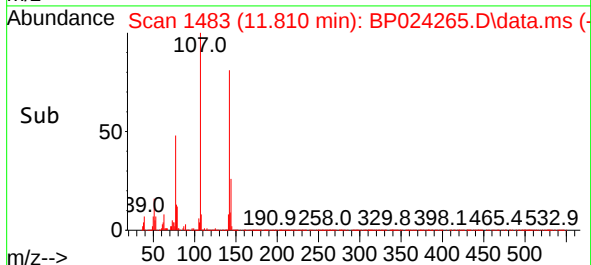
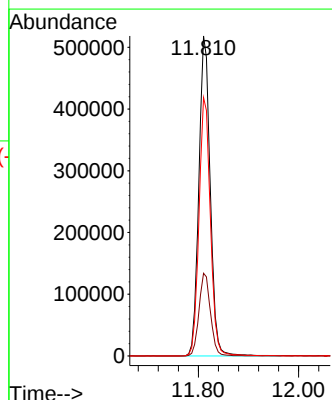
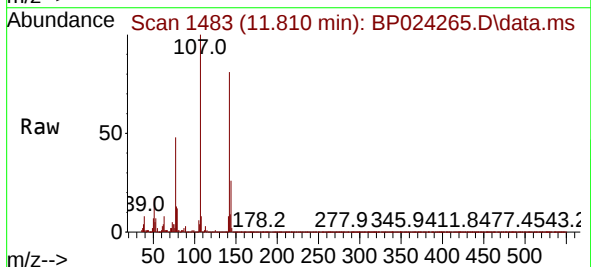
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

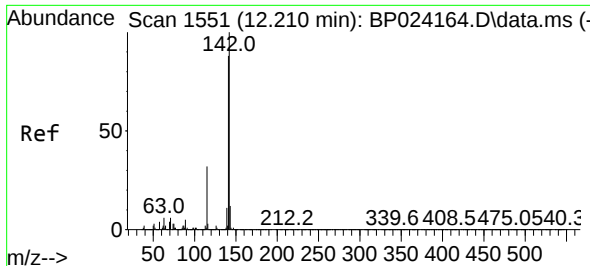
Tgt Ion:113 Resp: 254562
Ion Ratio Lower Upper
113 100
55 138.0 113.6 153.6
56 102.2 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 62.057 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:107 Resp: 812838
Ion Ratio Lower Upper
107 100
144 25.9 21.6 32.4
142 80.7 65.4 98.0

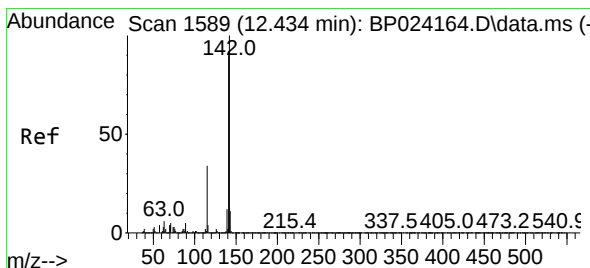
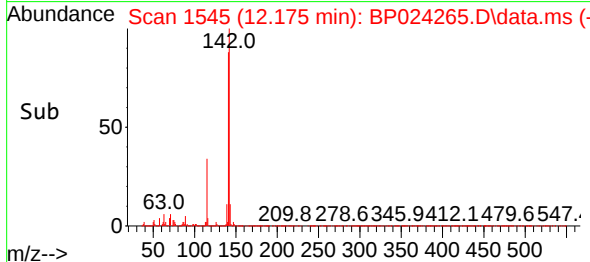
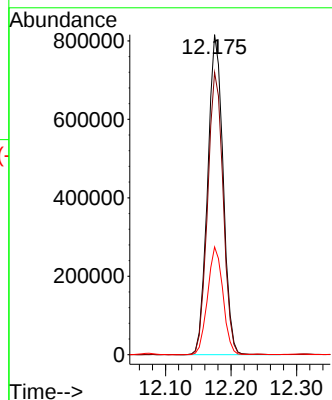
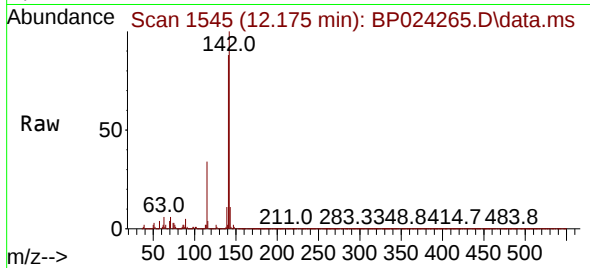




#37
2-Methylnaphthalene
Concen: 44.651 ng
RT: 12.175 min Scan# 1545
Delta R.T. -0.018 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

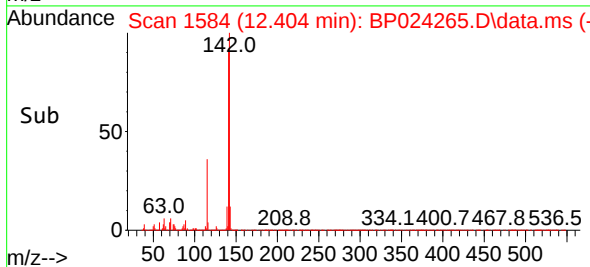
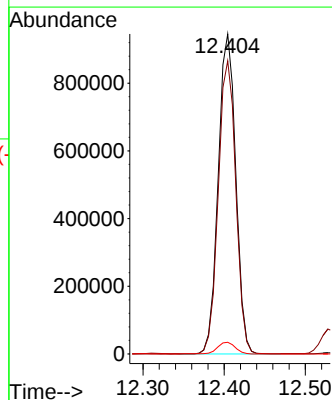
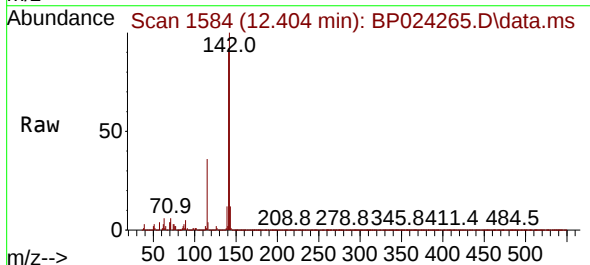
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

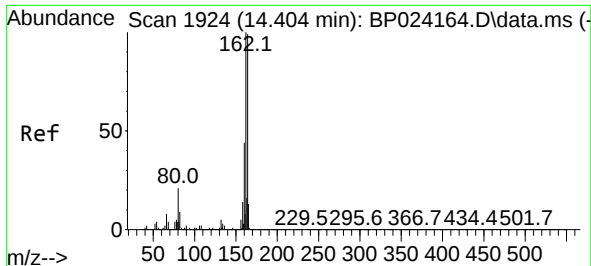
Tgt Ion:142 Resp: 1336378
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 33.6 26.0 39.0



#38
1-Methylnaphthalene
Concen: 48.823 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:142 Resp: 1421267
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9
116 3.7 2.8 4.2

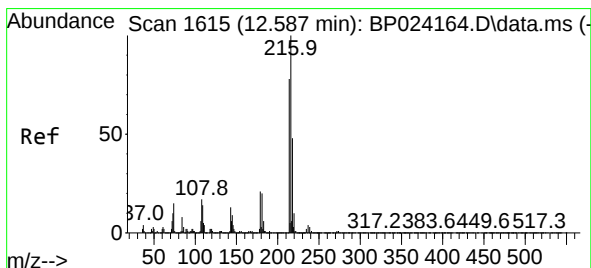
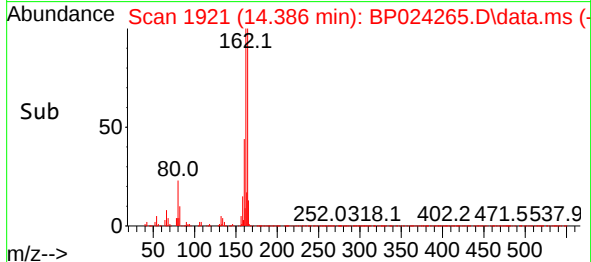
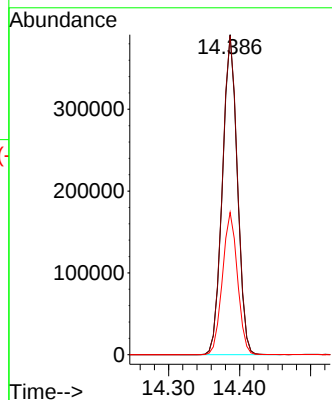
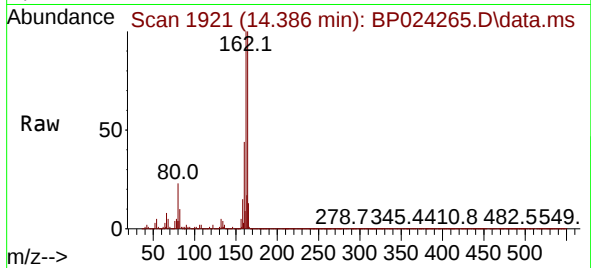




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

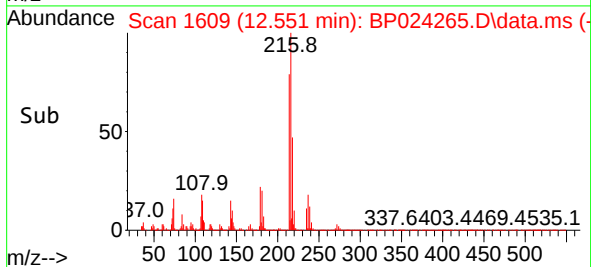
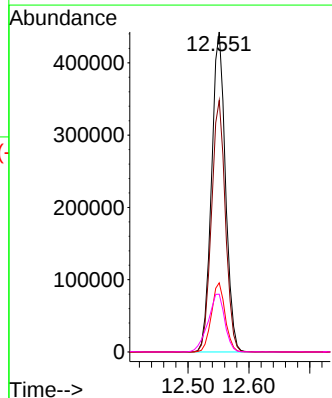
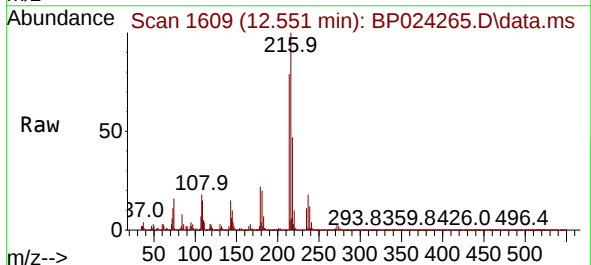
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

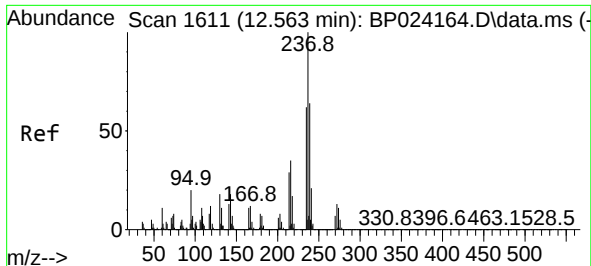
Tgt Ion:164 Resp: 566625
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 44.4 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.817 ng
RT: 12.551 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:216 Resp: 701326
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 21.4 16.8 25.2
108 21.8 14.7 22.1

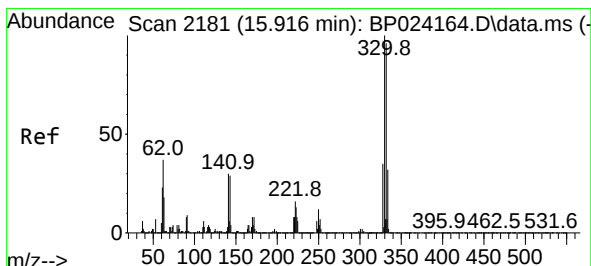
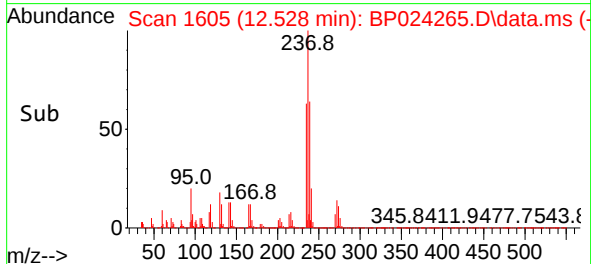
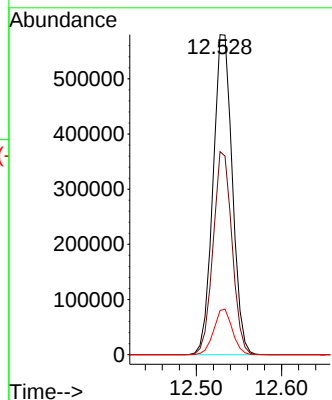
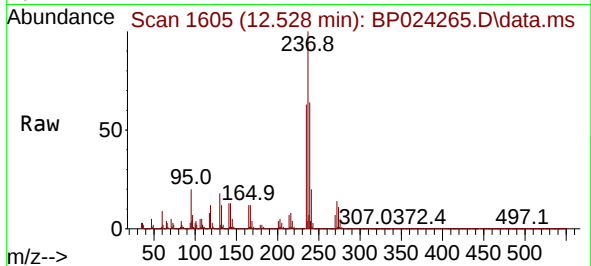




#41
Hexachlorocyclopentadiene
Concen: 154.174 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

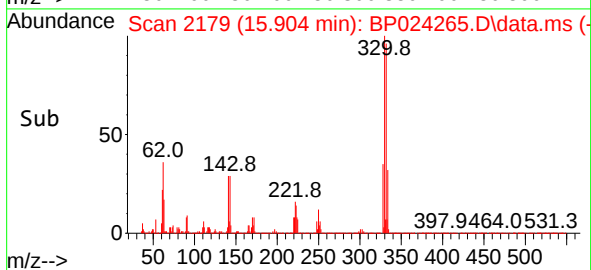
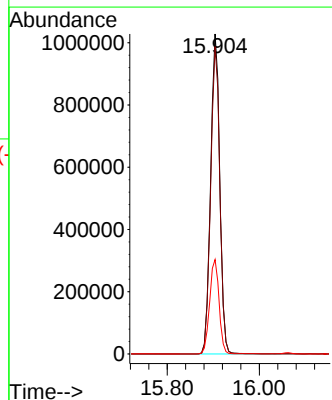
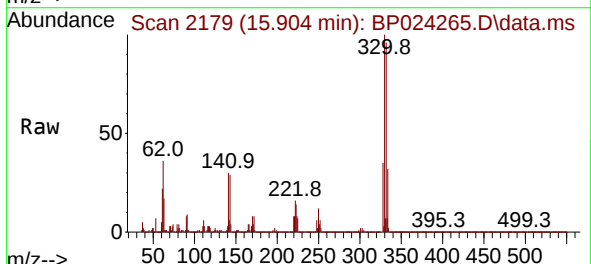
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ClientSampleId :
IB-1.5-WCMS

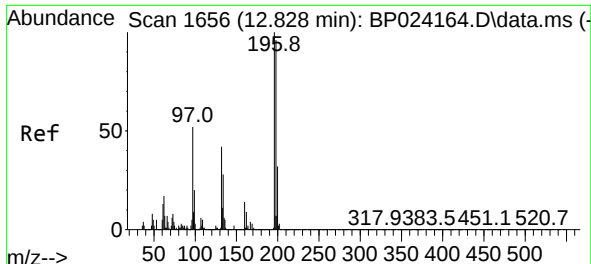
Tgt Ion:237 Resp: 910279
Ion Ratio Lower Upper
237 100
235 63.5 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 199.424 ng
RT: 15.904 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:330 Resp: 1423364
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 30.4 25.0 37.6

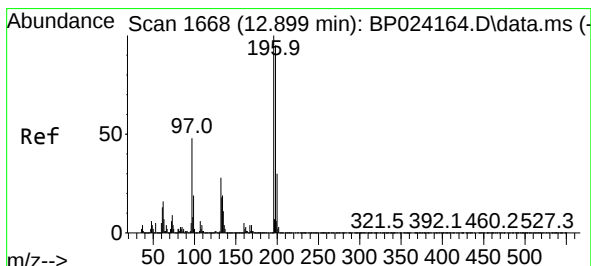
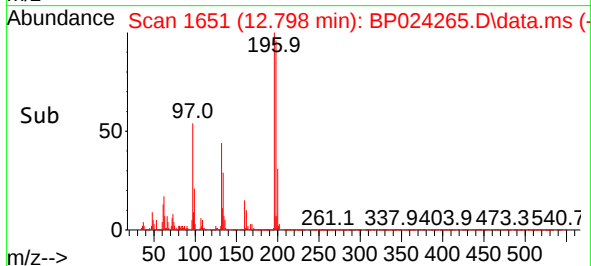
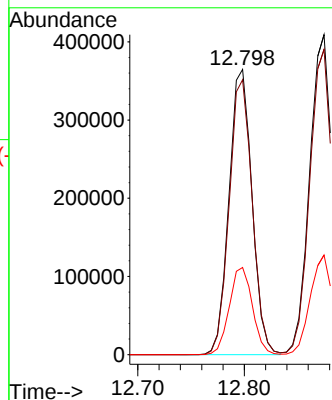
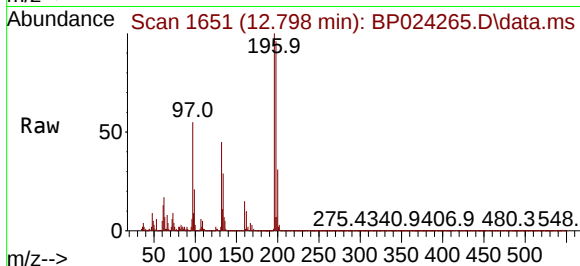




#43
2,4,6-Trichlorophenol
Concen: 52.633 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

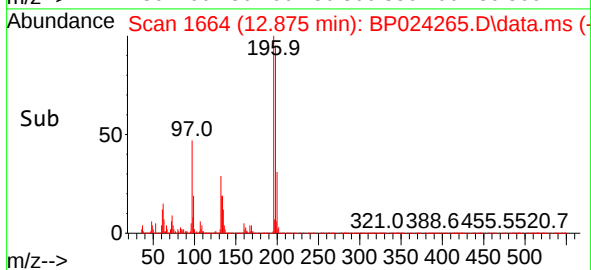
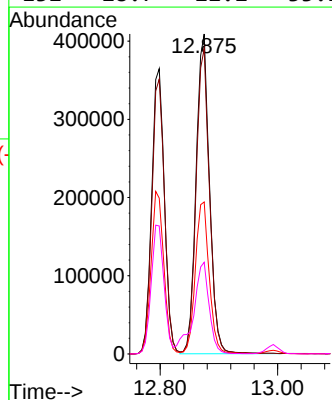
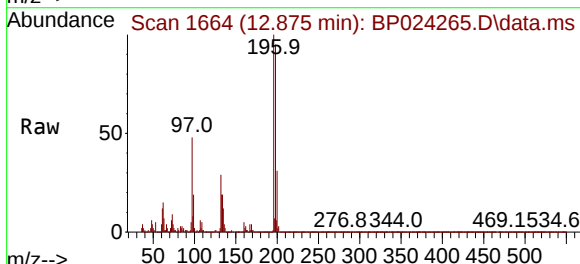
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

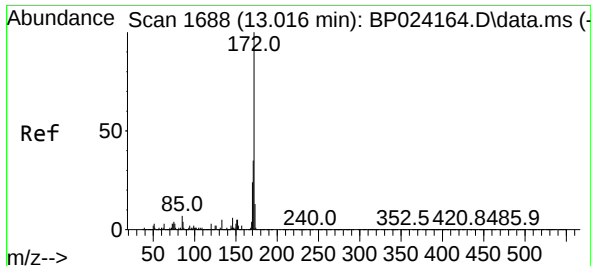
Tgt Ion:196 Resp: 547883
Ion Ratio Lower Upper
196 100
198 96.4 76.6 115.0
200 30.6 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 56.911 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:196 Resp: 649678
Ion Ratio Lower Upper
196 100
198 95.4 76.5 114.7
97 47.5 38.7 58.1
132 28.7 22.2 33.2

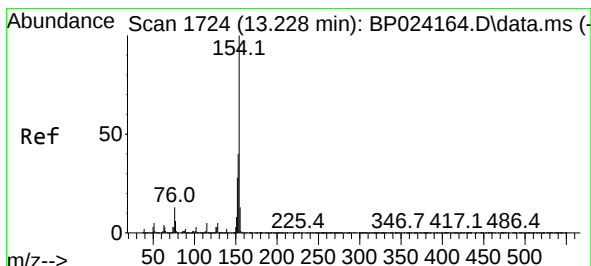
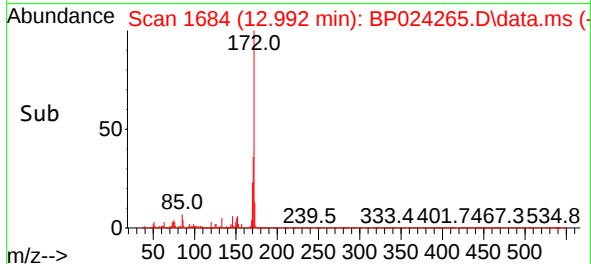
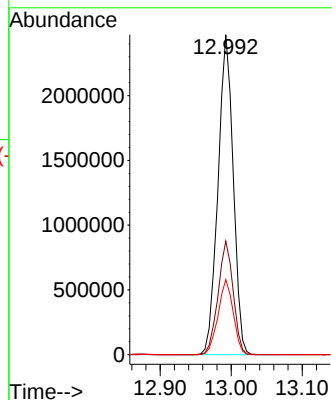
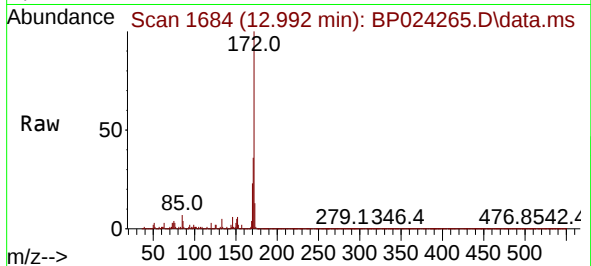




#45
2-Fluorobiphenyl
Concen: 95.414 ng
RT: 12.992 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

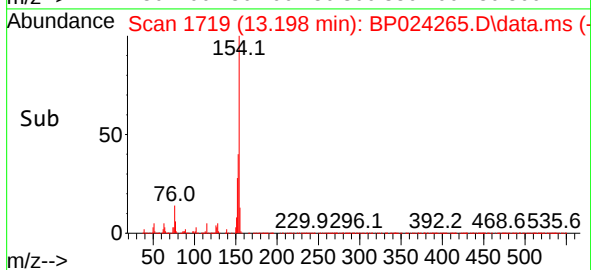
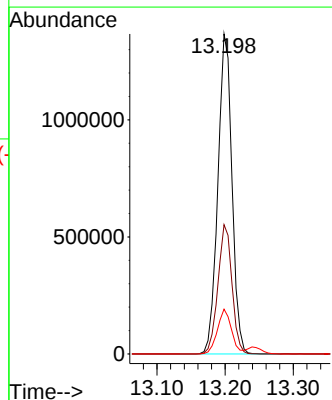
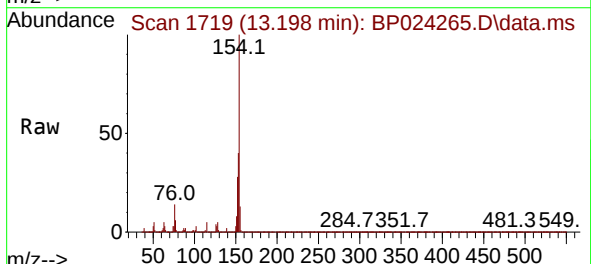
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

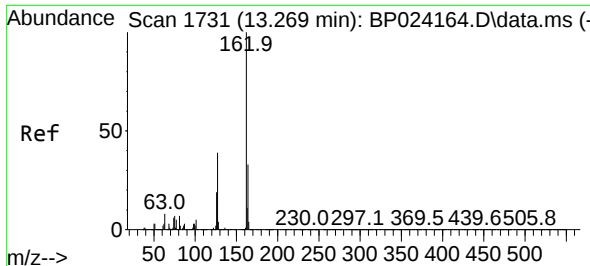
Tgt Ion:172 Resp: 3666524
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.165 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:154 Resp: 1965684
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 14.0 0.0 32.9

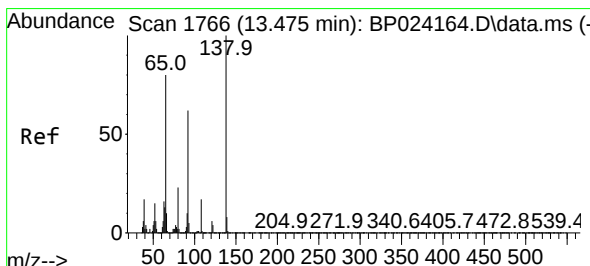
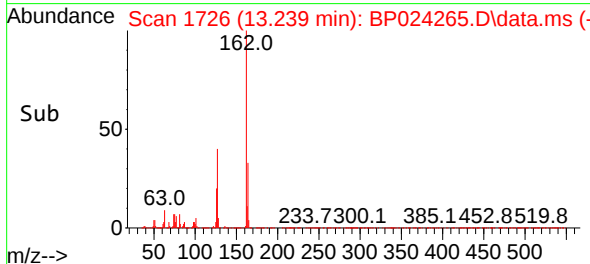
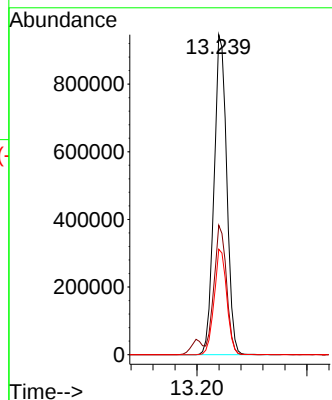
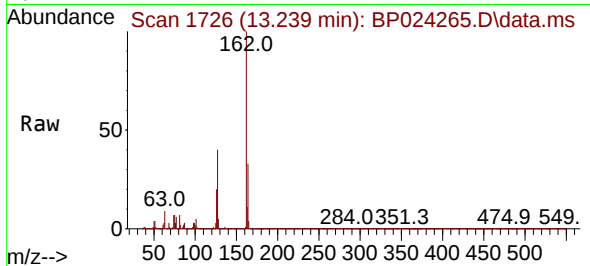




#47
2-Chloronaphthalene
Concen: 47.395 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

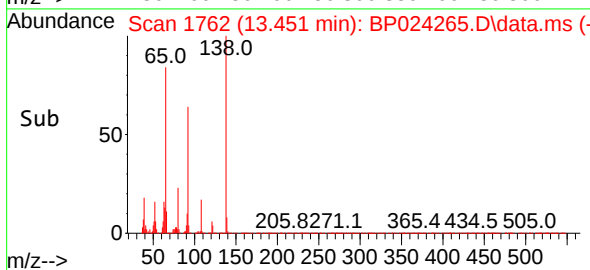
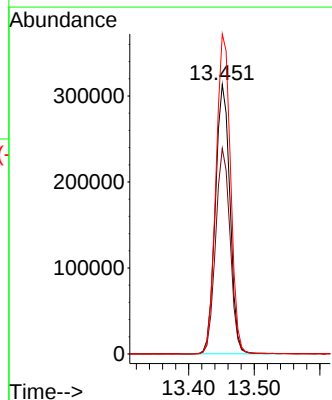
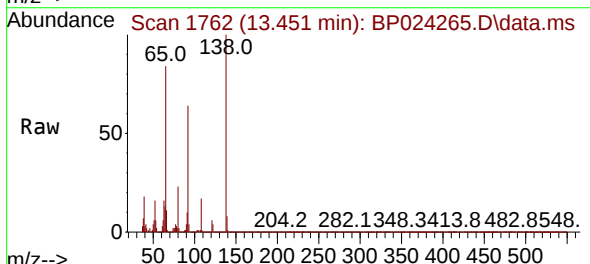
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

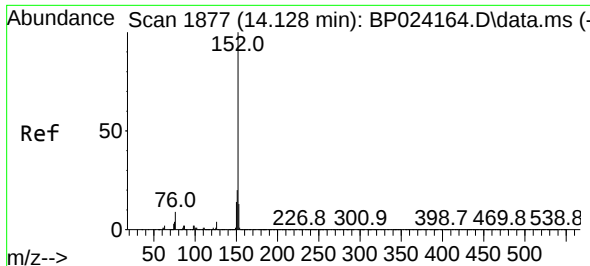
Tgt Ion:162 Resp: 1517908
Ion Ratio Lower Upper
162 100
127 40.5 31.5 47.3
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 58.918 ng
RT: 13.451 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion: 65 Resp: 482628
Ion Ratio Lower Upper
65 100
92 76.3 62.1 93.1
138 118.8 99.5 149.3

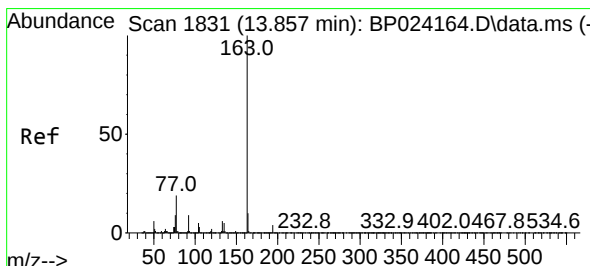
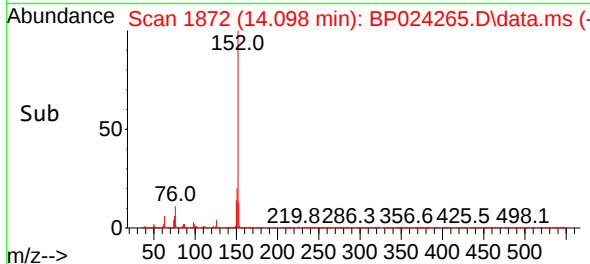
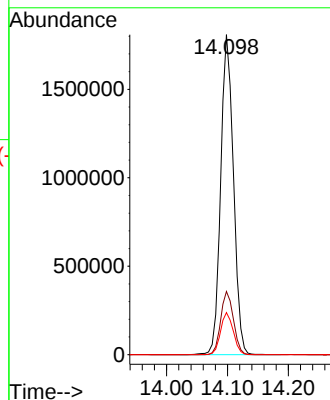
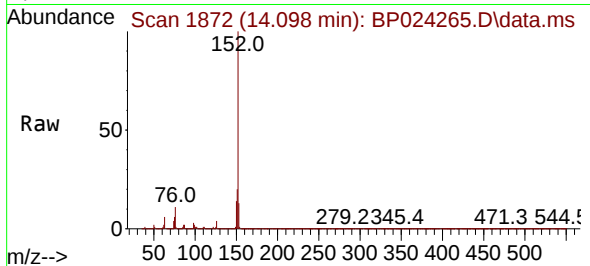




#49
Acenaphthylene
Concen: 54.145 ng
RT: 14.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

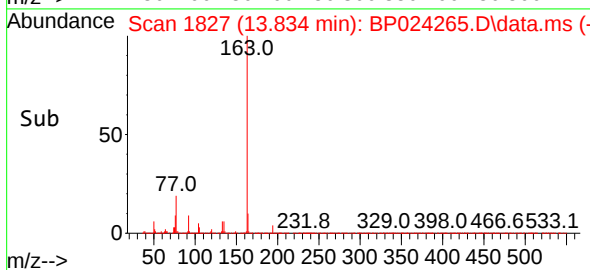
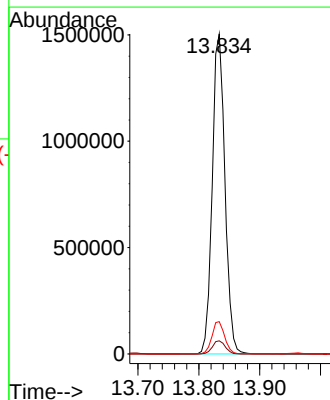
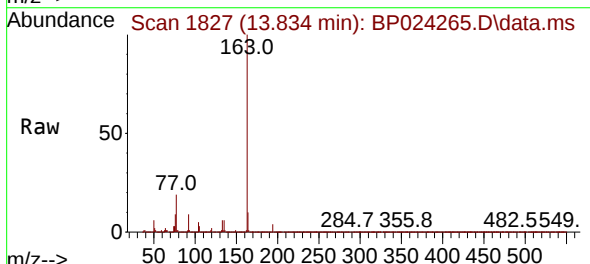
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

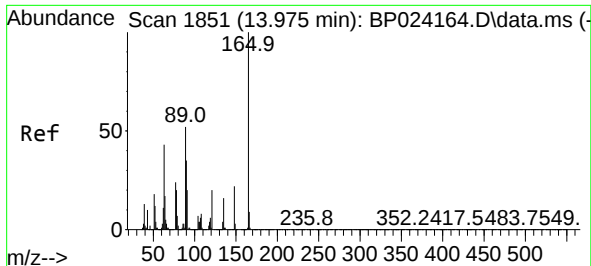
Tgt Ion:152 Resp: 2623879
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 54.816 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:163 Resp: 2173322
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.4

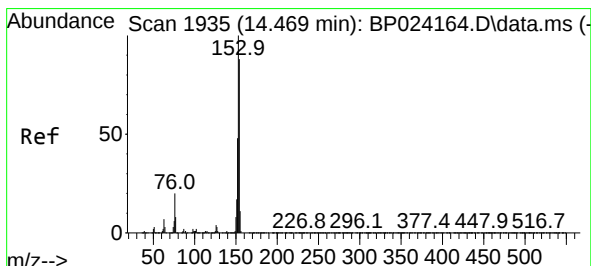
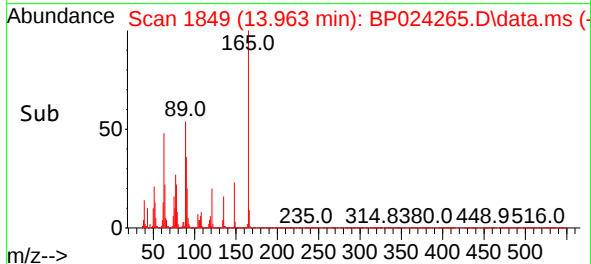
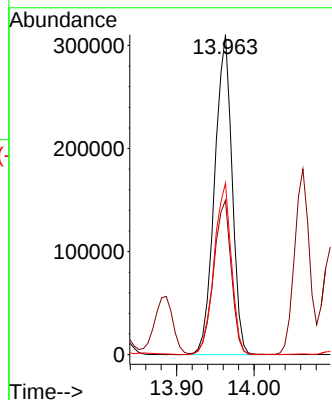
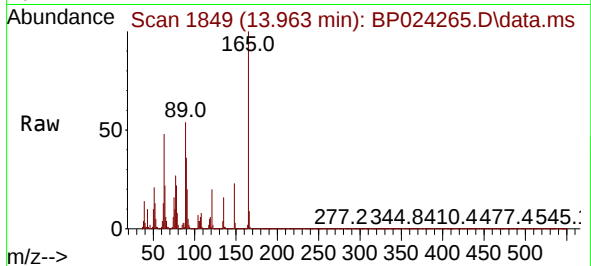




#51
2,6-Dinitrotoluene
Concen: 58.265 ng
RT: 13.963 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

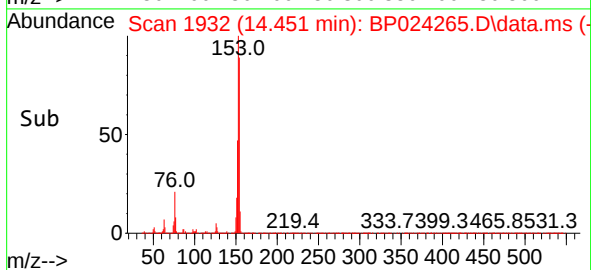
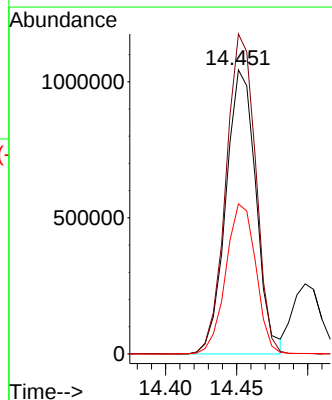
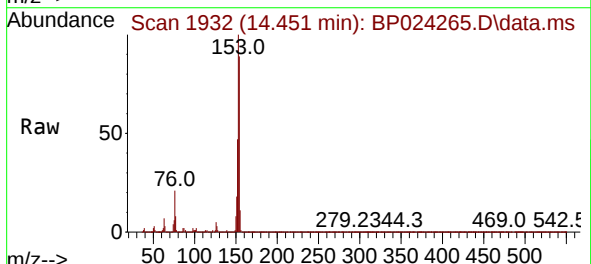
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

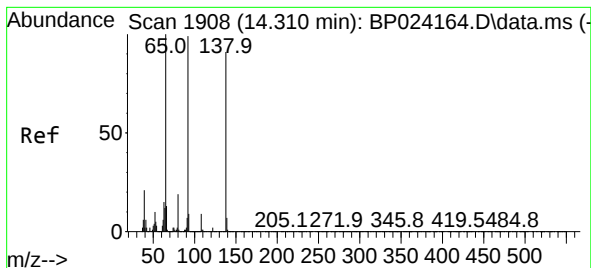
Tgt Ion:165 Resp: 486052
Ion Ratio Lower Upper
165 100
63 48.2 37.7 56.5
89 53.6 41.9 62.9



#52
Acenaphthene
Concen: 49.719 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:154 Resp: 1539419
Ion Ratio Lower Upper
154 100
153 112.7 90.5 135.7
152 52.8 43.1 64.7

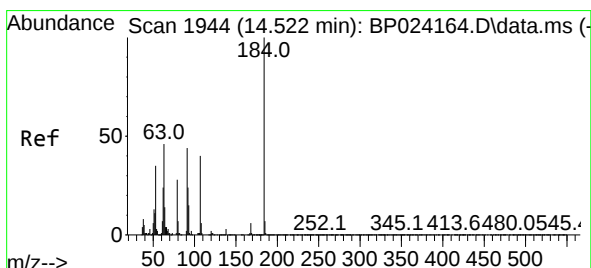
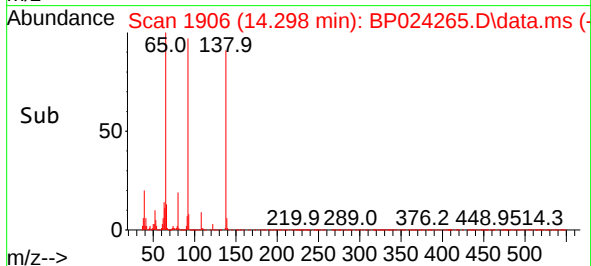
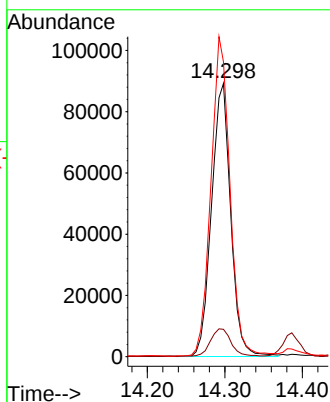
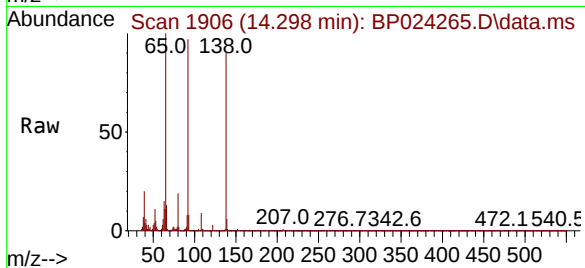




#53
3-Nitroaniline
Concen: 17.004 ng
RT: 14.298 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

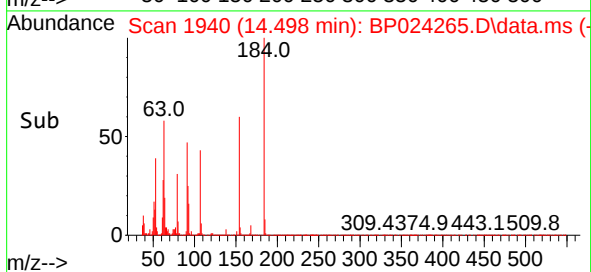
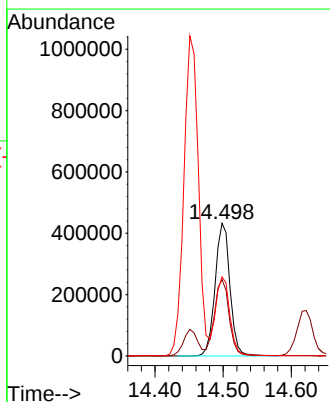
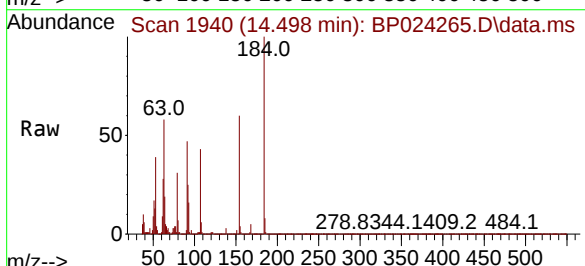
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

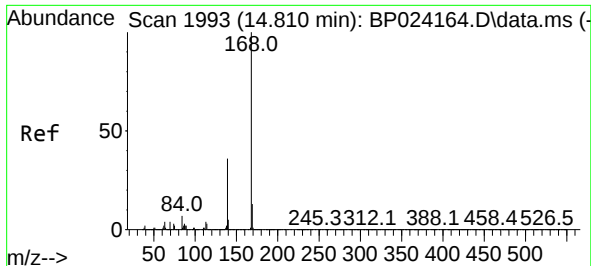
Tgt Ion:138 Resp: 153208
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 107.8 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 148.841 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:184 Resp: 656992
Ion Ratio Lower Upper
184 100
63 57.6 42.1 63.1
154 59.6 44.6 67.0

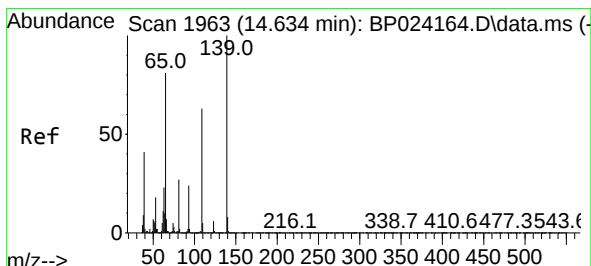
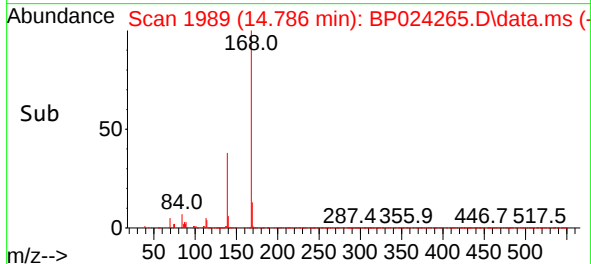
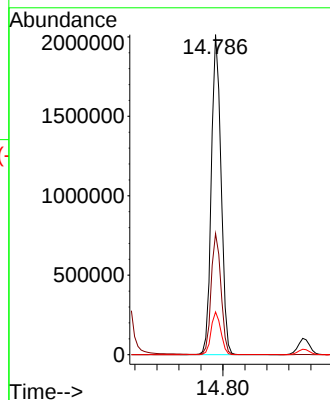
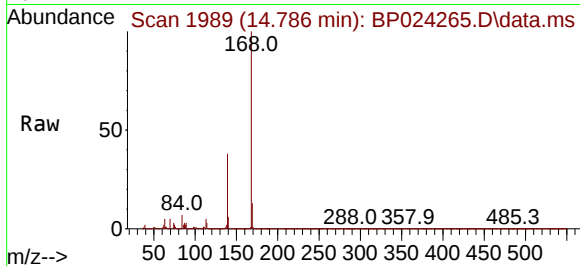




#55
Dibenzofuran
Concen: 49.120 ng
RT: 14.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

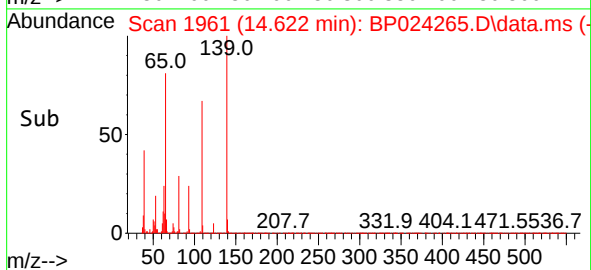
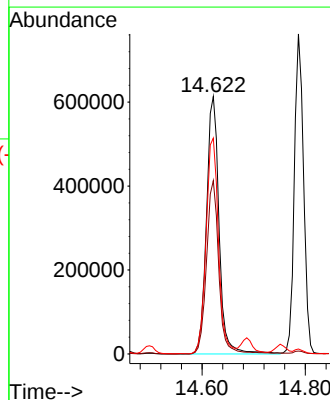
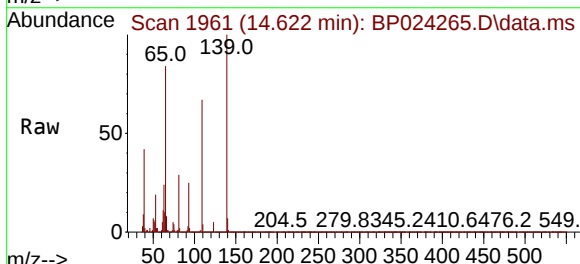
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

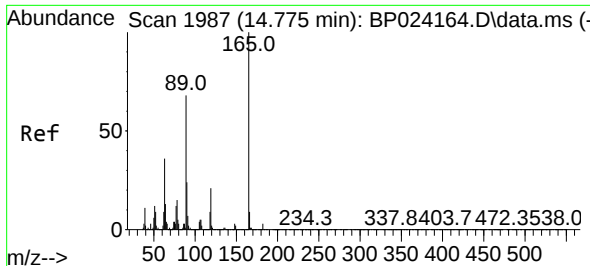
Tgt Ion:168 Resp: 2463534
Ion Ratio Lower Upper
168 100
139 37.9 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 137.823 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:139 Resp: 1037606
Ion Ratio Lower Upper
139 100
109 67.3 43.3 83.3
65 83.8 61.2 101.2

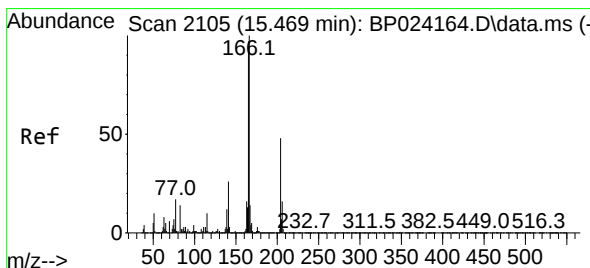
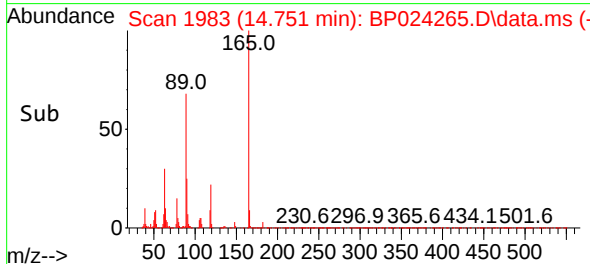
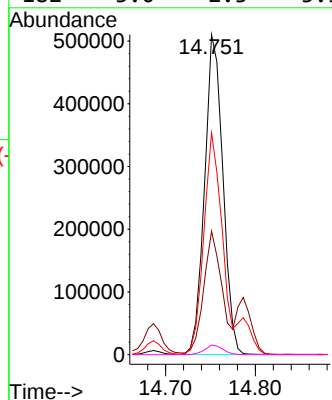
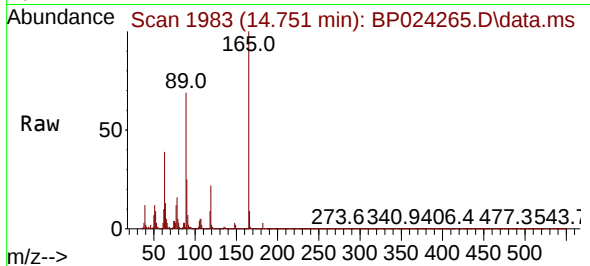




#57
2,4-Dinitrotoluene
Concen: 65.632 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

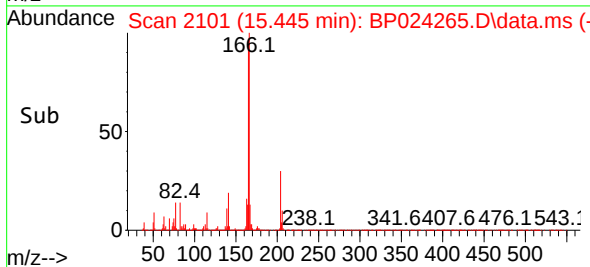
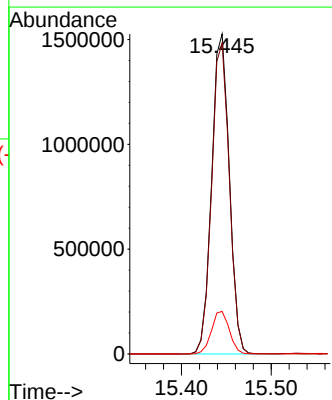
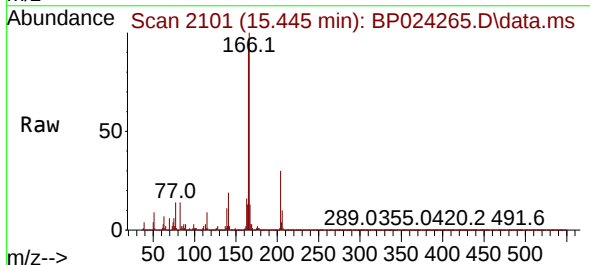
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

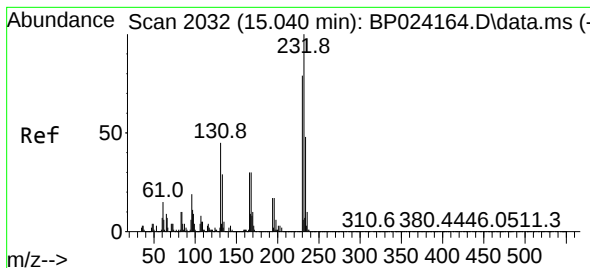
Tgt Ion:165 Resp: 723204
Ion Ratio Lower Upper
165 100
63 38.6 29.0 43.6
89 69.4 54.2 81.4
182 3.0 2.3 3.5



#58
Fluorene
Concen: 53.321 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:166 Resp: 2083618
Ion Ratio Lower Upper
166 100
165 97.1 77.6 116.4
167 13.3 10.8 16.2

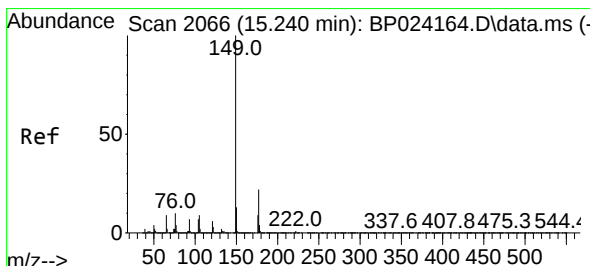
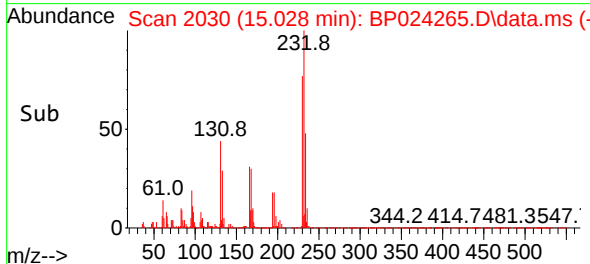
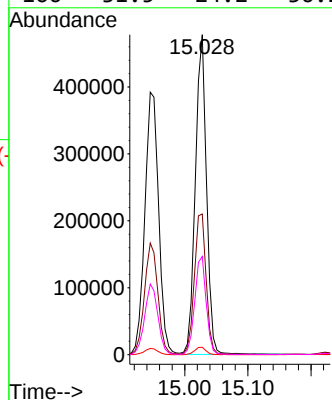
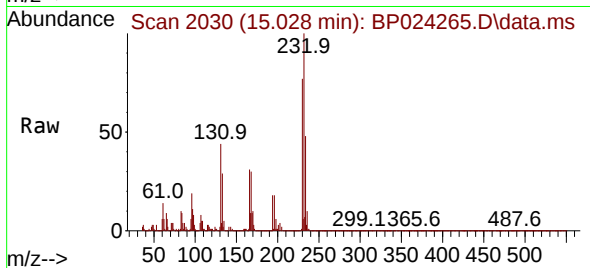




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.955 ng
RT: 15.028 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

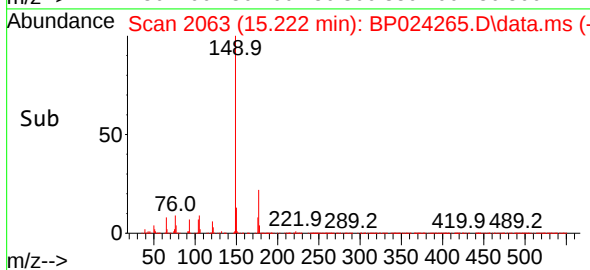
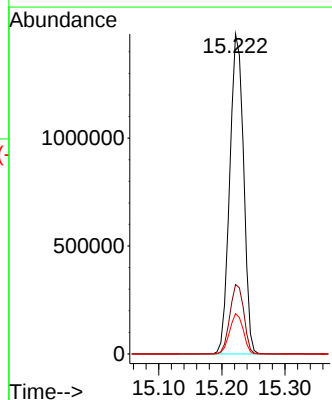
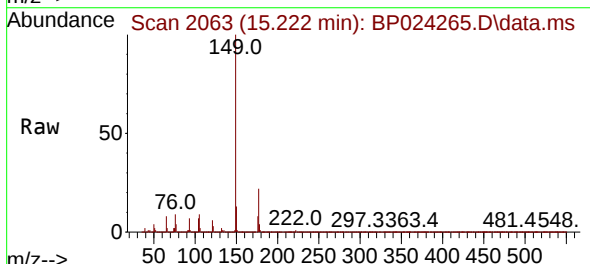
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

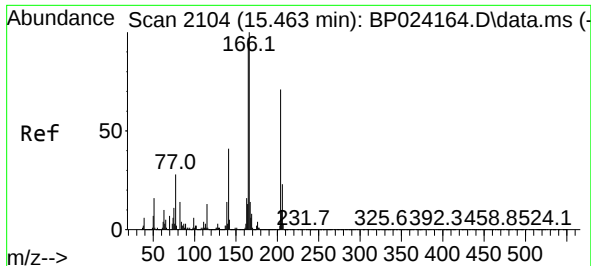
Tgt Ion:232 Resp: 584528
Ion Ratio Lower Upper
232 100
131 46.3 35.9 53.9
130 2.4 1.8 2.6
166 31.5 24.2 36.2



#60
Diethylphthalate
Concen: 57.082 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:149 Resp: 2253741
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.6 10.2 15.4

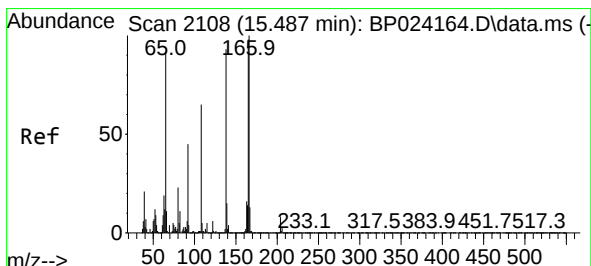
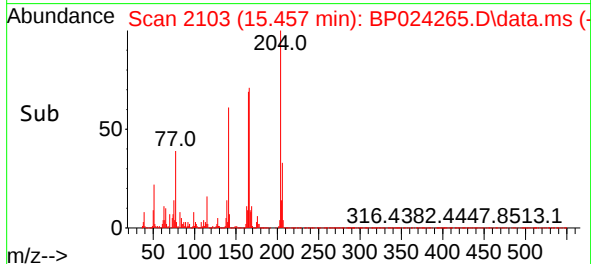
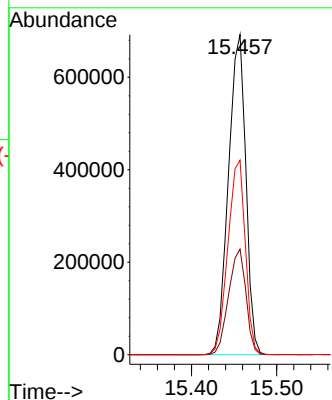
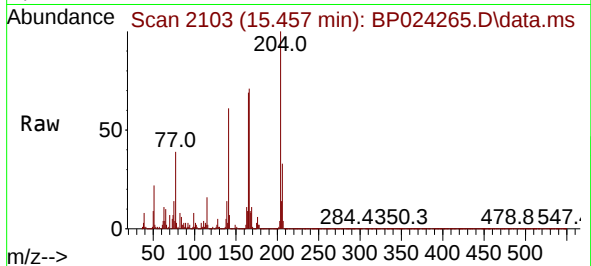




#61
4-Chlorophenyl-phenylether
Concen: 51.110 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

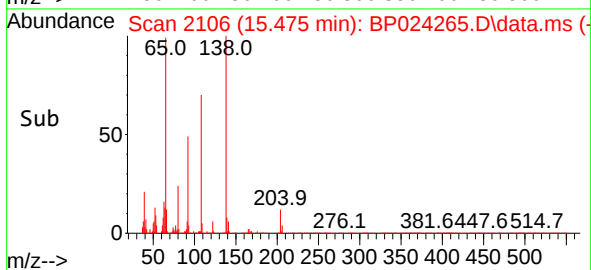
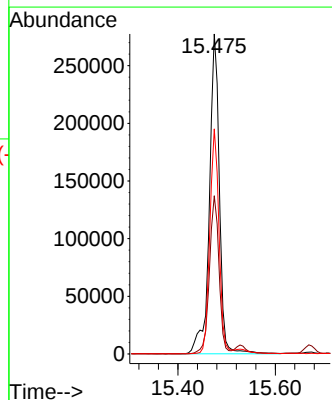
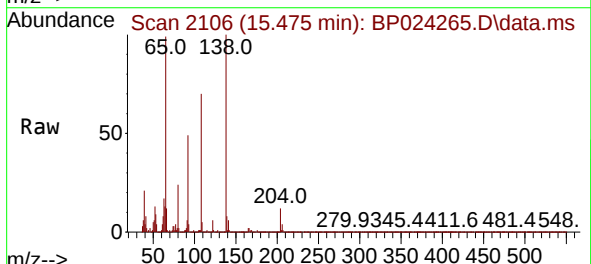
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

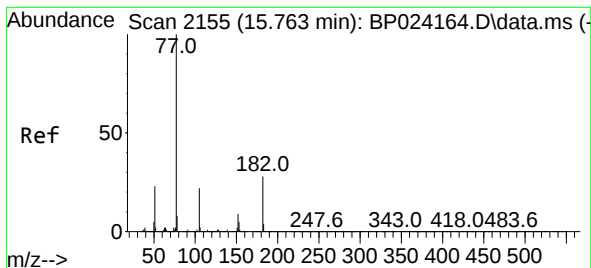
Tgt Ion:204 Resp: 979569
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 60.8 45.8 68.8



#62
4-Nitroaniline
Concen: 41.929 ng
RT: 15.475 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:138 Resp: 396219
Ion Ratio Lower Upper
138 100
92 49.4 28.7 68.7
108 70.4 49.5 89.5





#63

Azobenzene

Concen: 53.399 ng

RT: 15.751 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

Tgt Ion: 77 Resp: 1987173

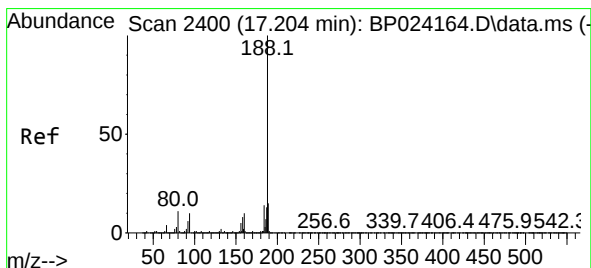
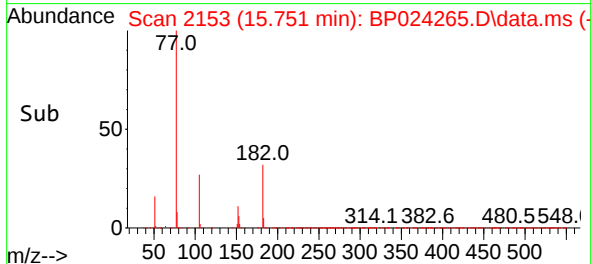
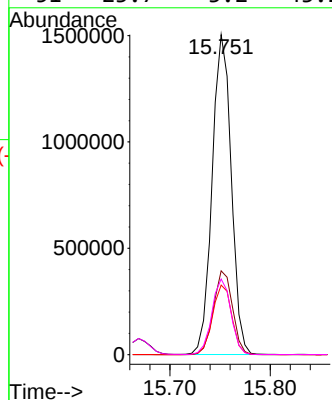
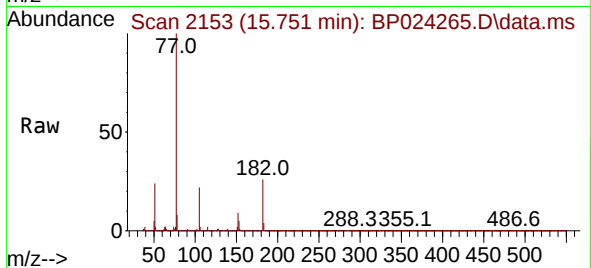
Ion Ratio Lower Upper

77 100

182 26.2 7.7 47.7

105 21.8 2.3 42.3

51 23.7 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2397

Delta R.T. -0.006 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

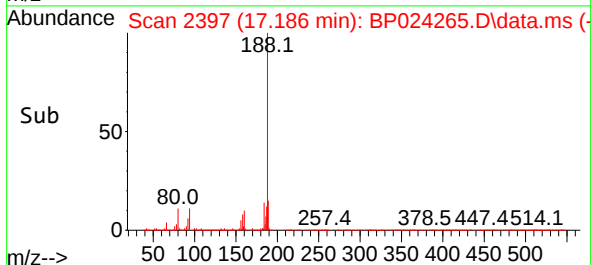
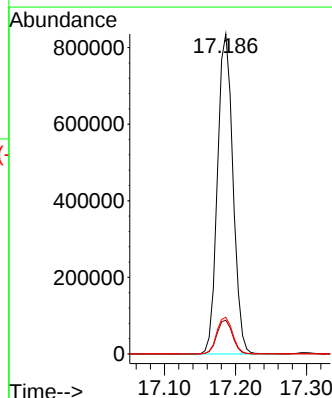
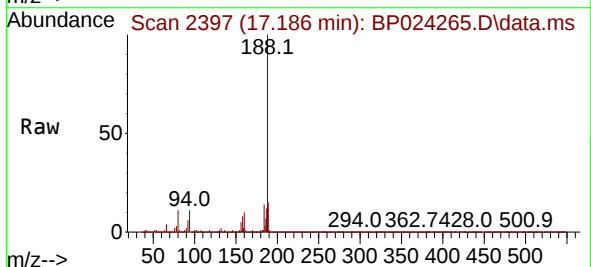
Tgt Ion:188 Resp: 1260548

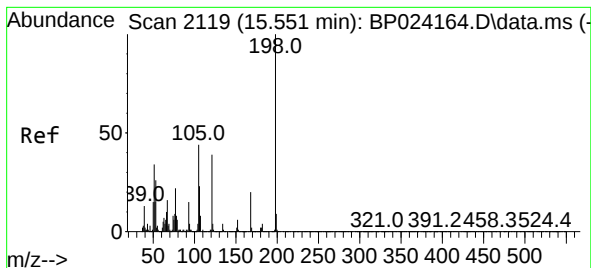
Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 11.5 8.9 13.3

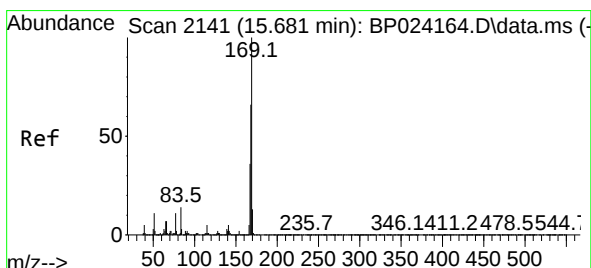
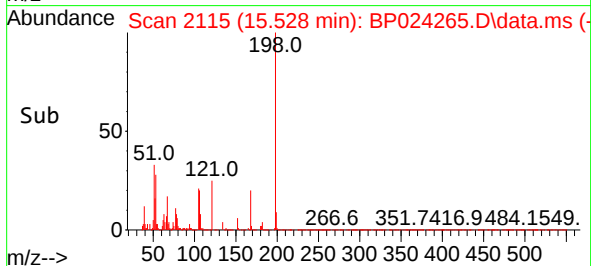
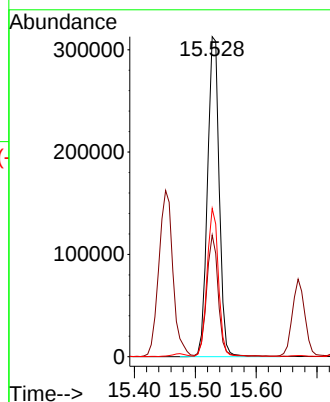
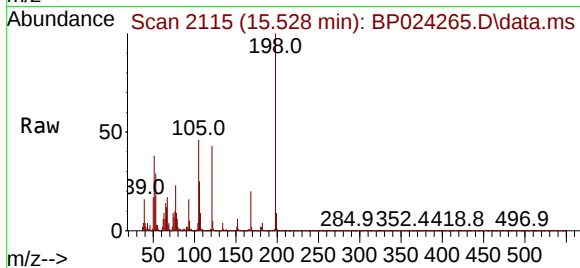




#65
4,6-Dinitro-2-methylphenol
Concen: 55.897 ng
RT: 15.528 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

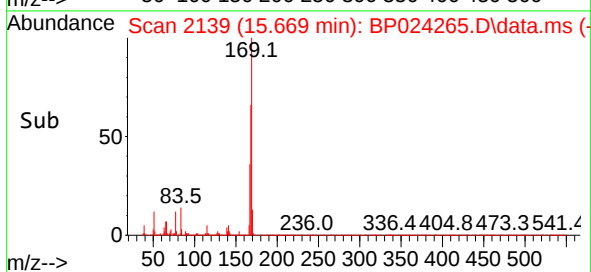
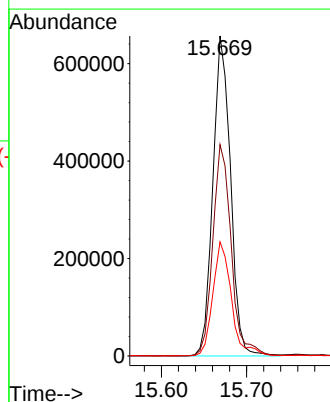
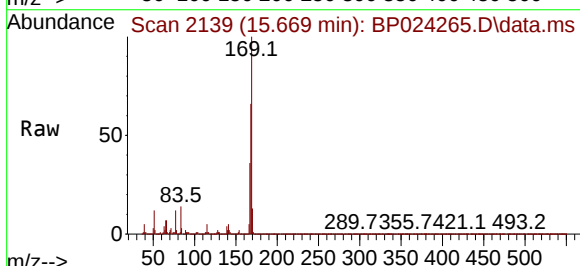
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

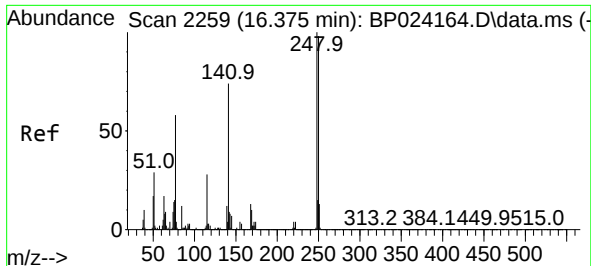
Tgt Ion:198 Resp: 418302
Ion Ratio Lower Upper
198 100
51 38.0 14.7 54.7
105 46.3 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 24.638 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:169 Resp: 943117
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 35.6 28.8 43.2

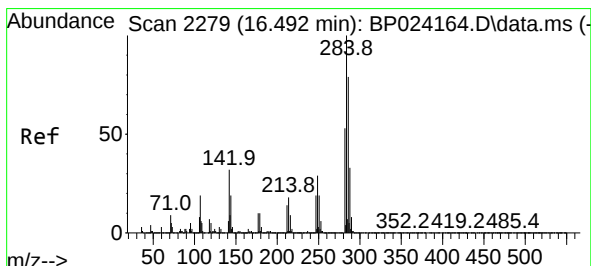
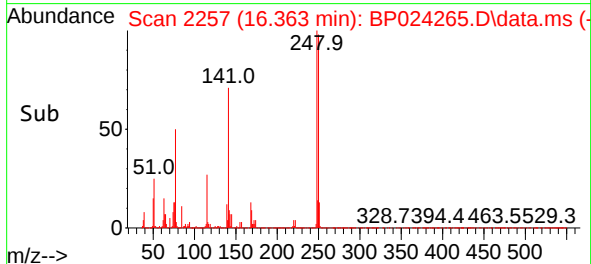
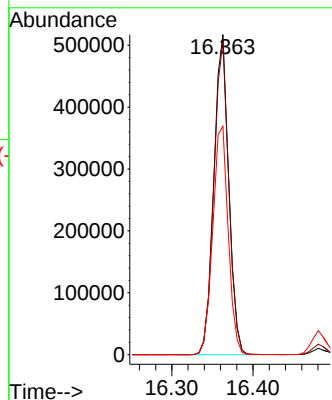
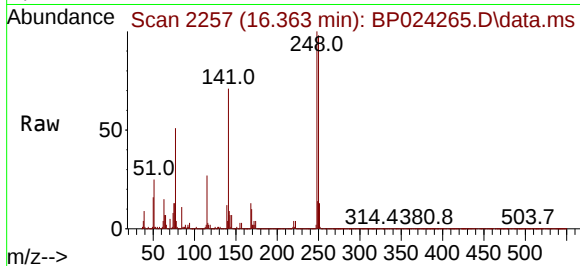




#67
4-Bromophenyl-phenylether
Concen: 47.621 ng
RT: 16.363 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

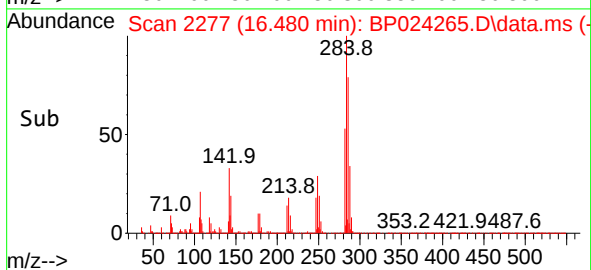
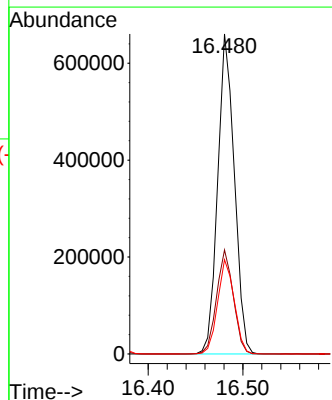
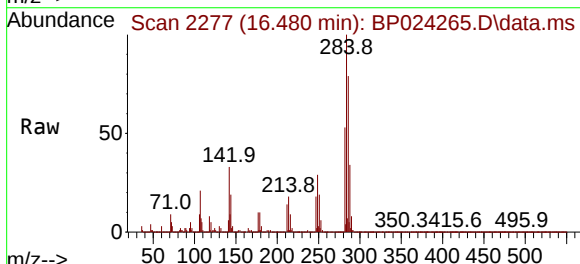
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

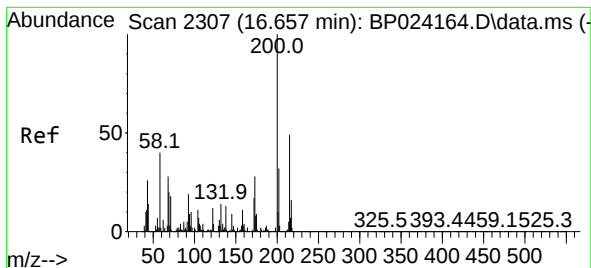
Tgt Ion:248 Resp: 659062
Ion Ratio Lower Upper
248 100
250 97.8 78.4 117.6
141 71.4 59.4 89.0



#68
Hexachlorobenzene
Concen: 49.297 ng
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:284 Resp: 807518
Ion Ratio Lower Upper
284 100
142 32.5 25.4 38.2
249 29.4 23.5 35.3





#69

Atrazine

Concen: 23.312 ng

RT: 16.645 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

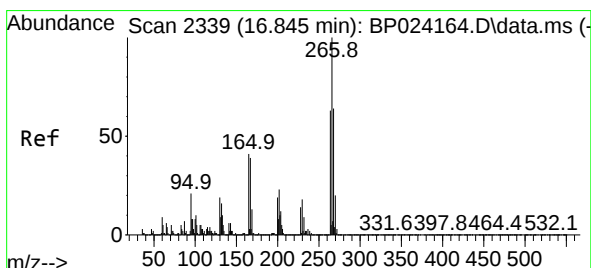
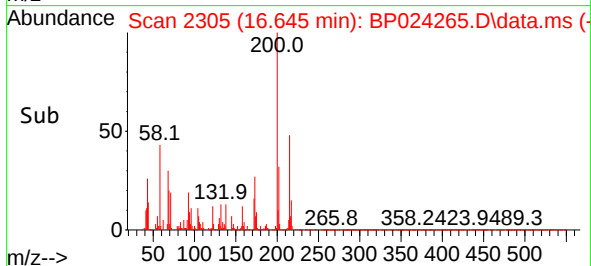
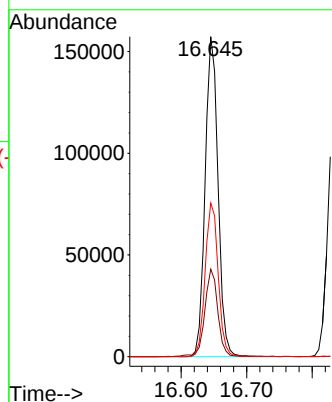
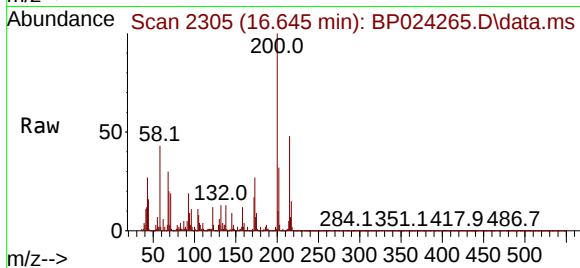
Tgt Ion:200 Resp: 215386

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

215 48.0 29.0 69.0



#70

Pentachlorophenol

Concen: 114.697 ng

RT: 16.833 min Scan# 2337

Delta R.T. -0.006 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

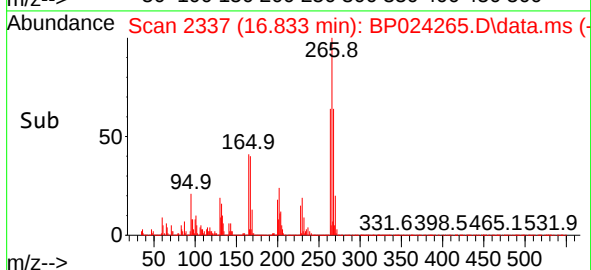
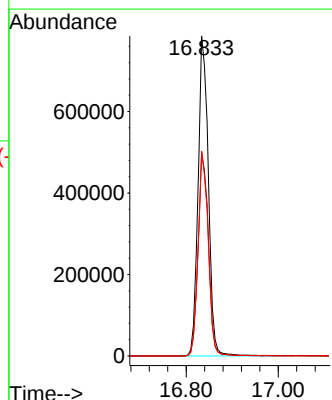
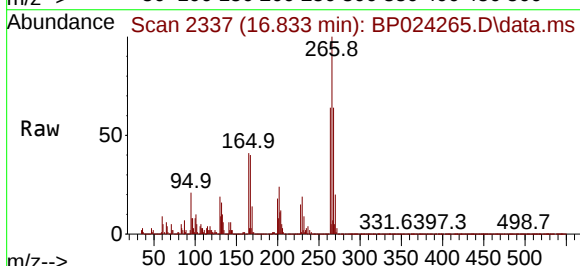
Tgt Ion:266 Resp: 1215004

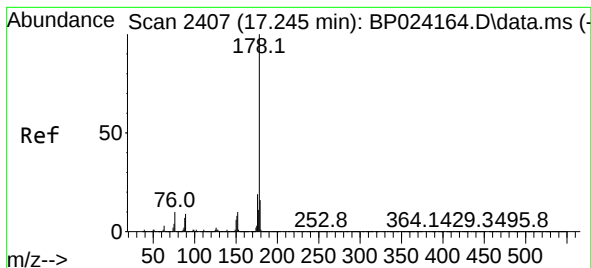
Ion Ratio Lower Upper

266 100

268 63.7 51.3 76.9

264 64.1 50.6 76.0





#71

Phenanthrene

Concen: 50.793 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

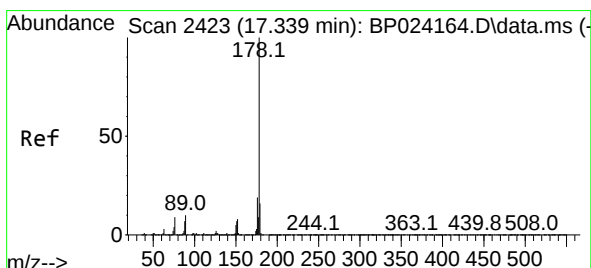
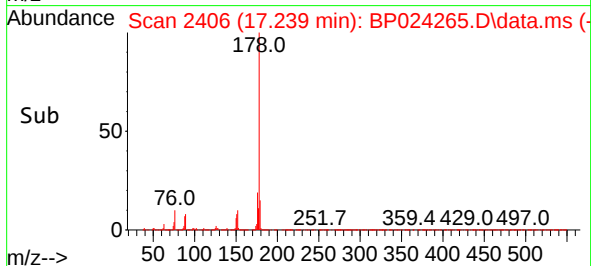
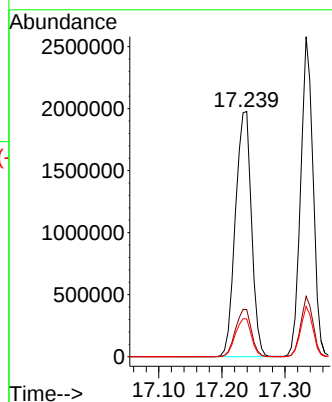
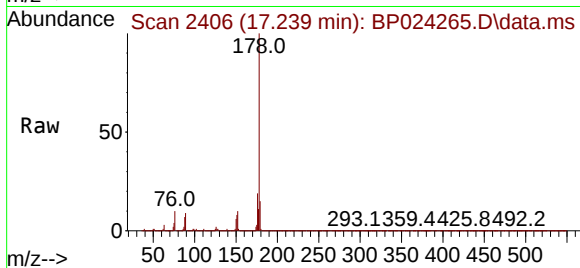
Tgt Ion:178 Resp: 3497744

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.4 12.5 18.7



#72

Anthracene

Concen: 52.408 ng

RT: 17.333 min Scan# 2422

Delta R.T. 0.012 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

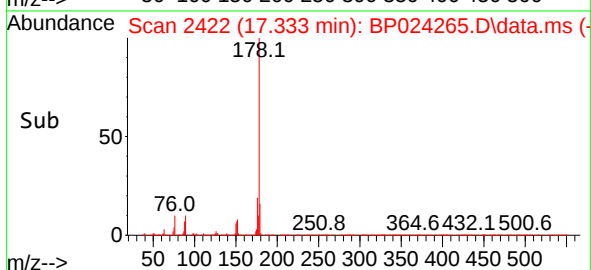
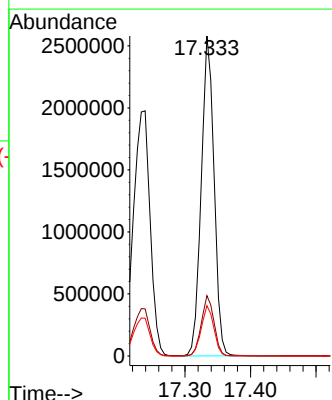
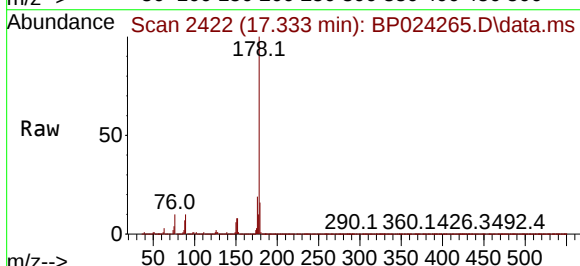
Tgt Ion:178 Resp: 3514990

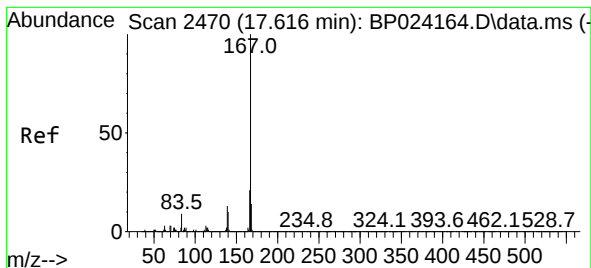
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.7 12.6 18.8





#73

Carbazole

Concen: 22.059 ng

RT: 17.610 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

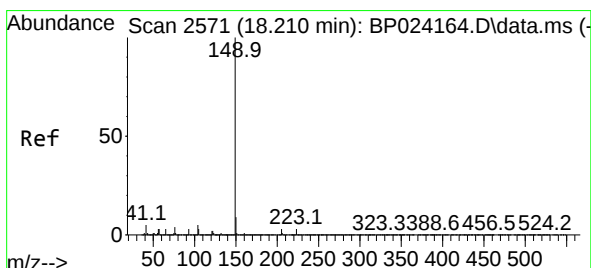
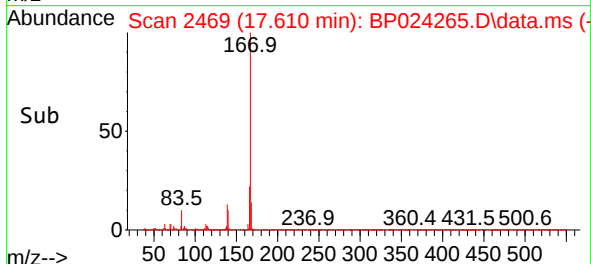
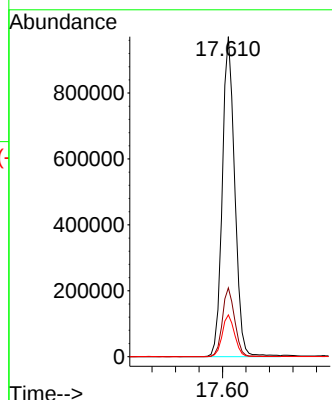
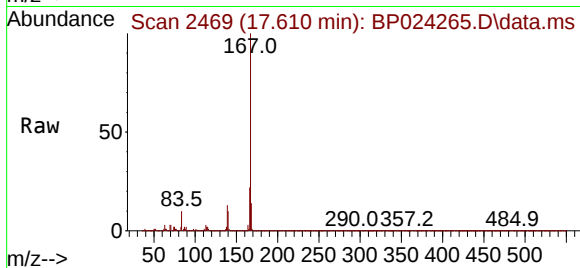
Tgt Ion:167 Resp: 1426762

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.1 10.2 15.4



#74

Di-n-butylphthalate

Concen: 54.788 ng

RT: 18.210 min Scan# 2571

Delta R.T. 0.006 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

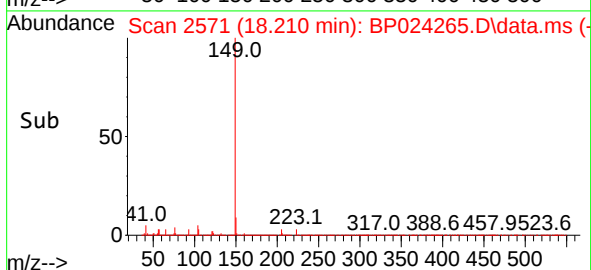
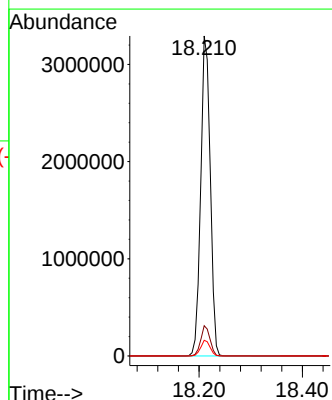
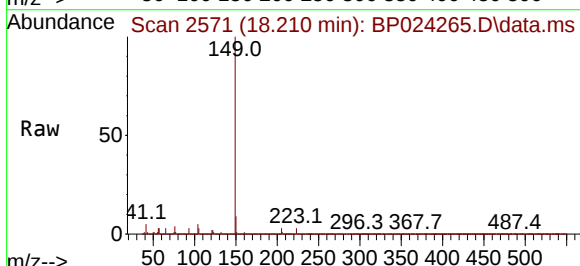
Tgt Ion:149 Resp: 4206804

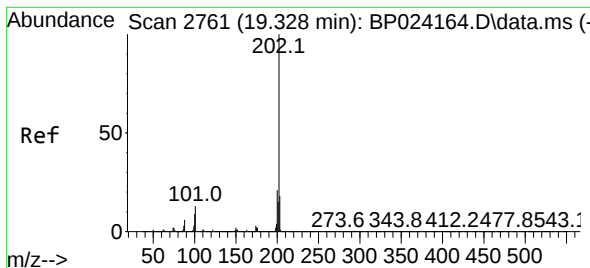
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 53.879 ng

RT: 19.327 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

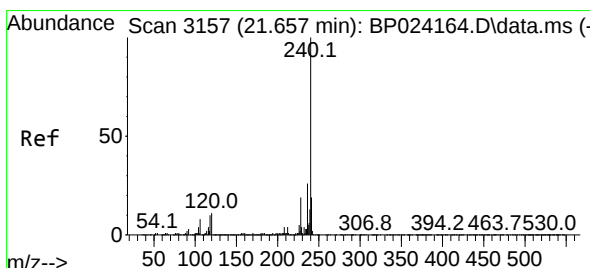
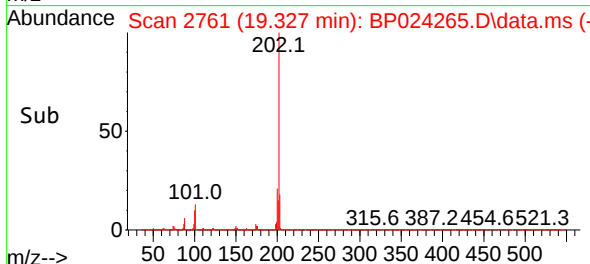
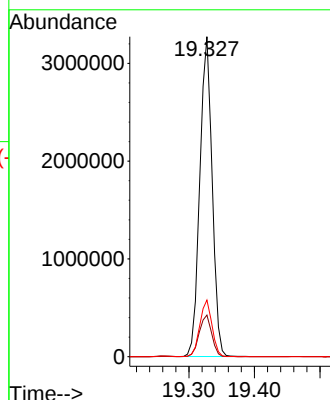
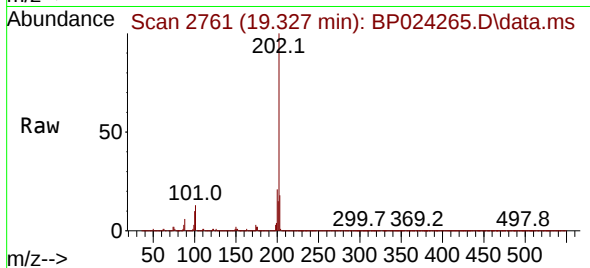
Tgt Ion:202 Resp: 4297131

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.5

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

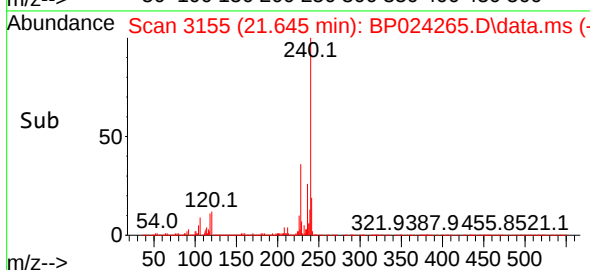
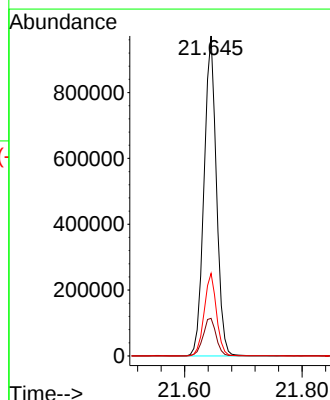
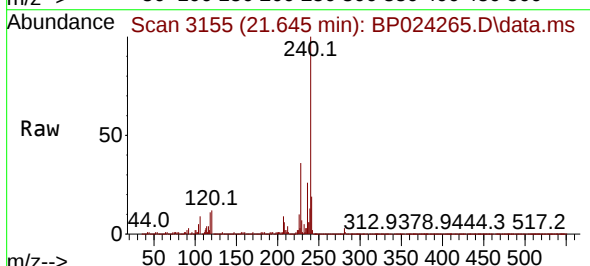
Tgt Ion:240 Resp: 1426665

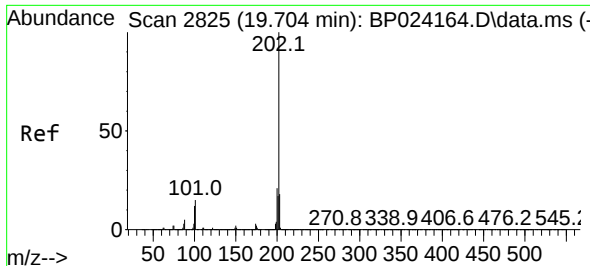
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 25.8 20.4 30.6

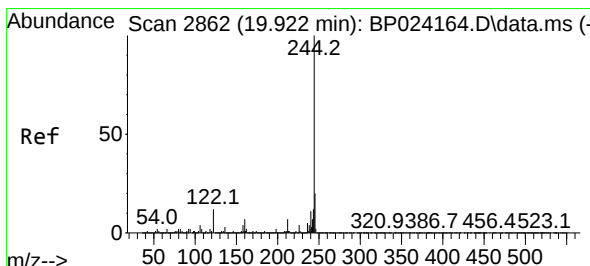
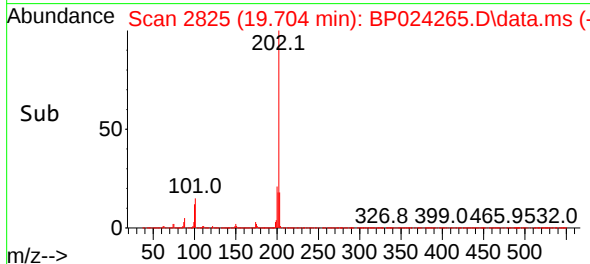
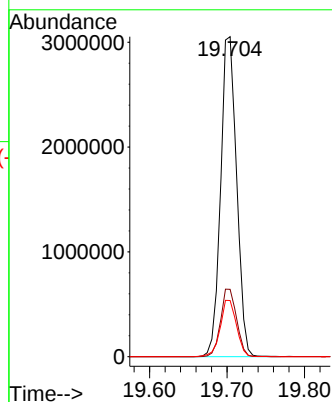
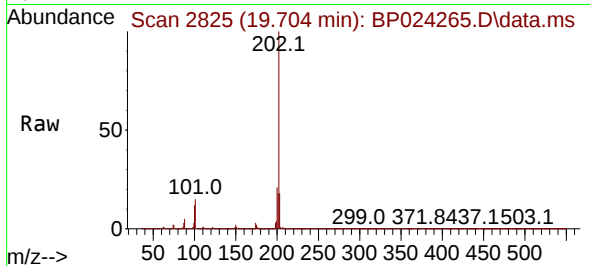




#78
Pyrene
Concen: 49.366 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

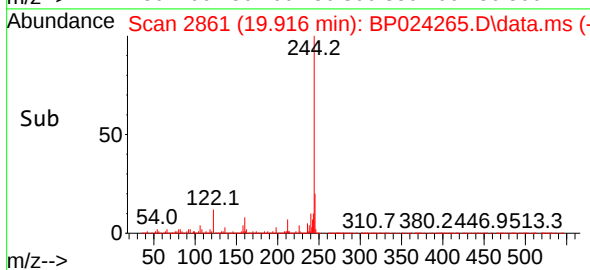
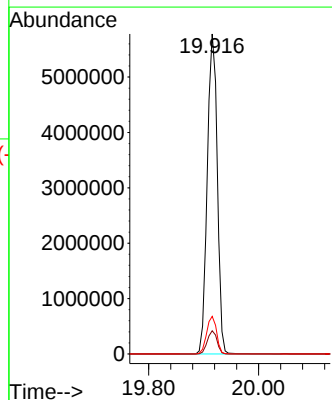
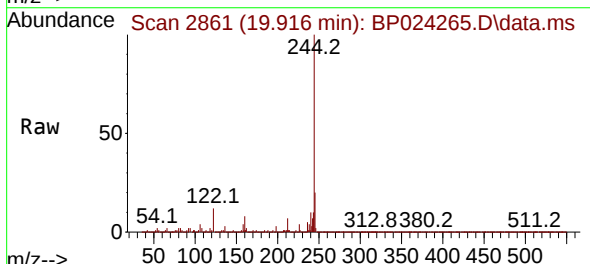
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

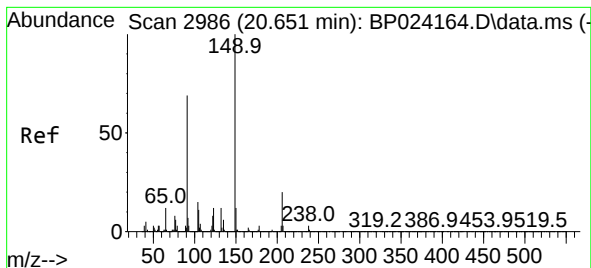
Tgt Ion:202 Resp: 4378542
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.6 14.2 21.4



#79
Terphenyl-d14
Concen: 105.191 ng
RT: 19.916 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:244 Resp: 7270183
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.7 9.6 14.4





#80

Butylbenzylphthalate

Concen: 56.062 ng

RT: 20.645 min Scan# 2986

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

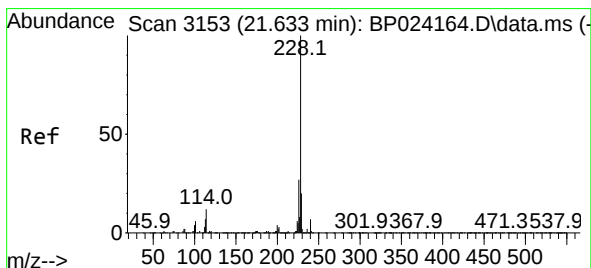
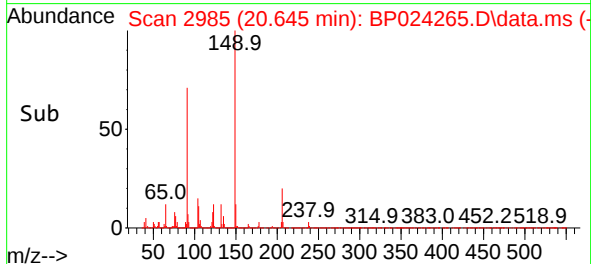
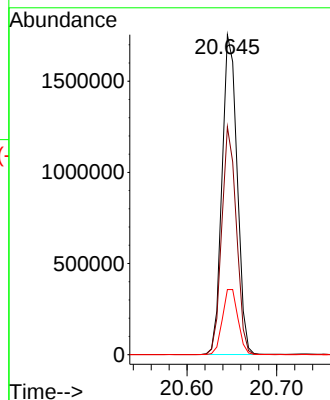
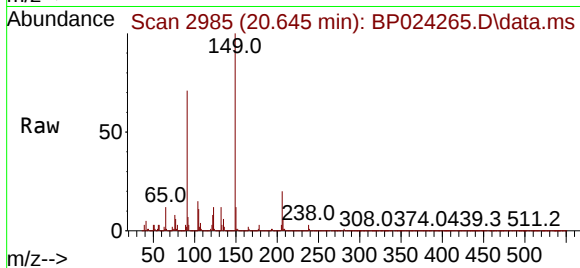
Tgt Ion:149 Resp: 2050522

Ion Ratio Lower Upper

149 100

91 71.2 55.3 82.9

206 20.3 16.1 24.1



#81

Benzo(a)anthracene

Concen: 52.224 ng

RT: 21.621 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

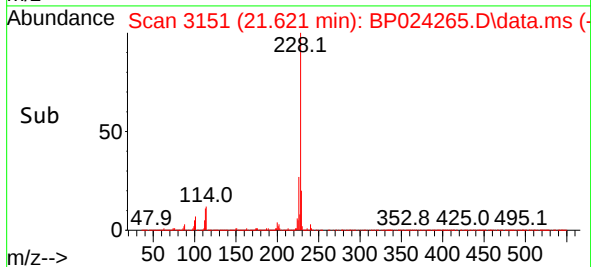
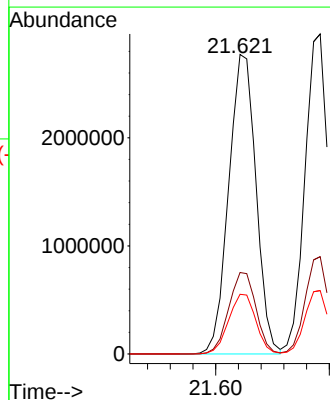
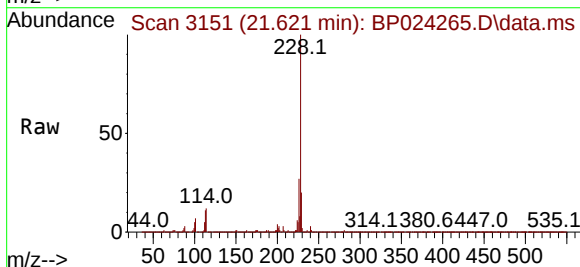
Tgt Ion:228 Resp: 4632255

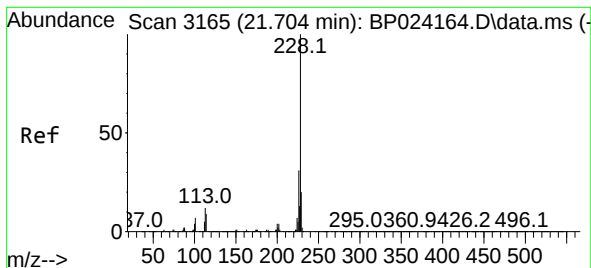
Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.9 16.0 24.0





#83

Chrysene

Concen: 50.023 ng

RT: 21.692 min Scan# 3163

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

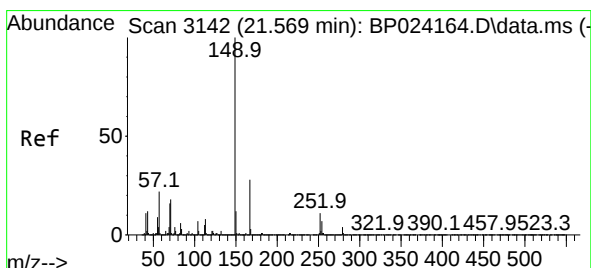
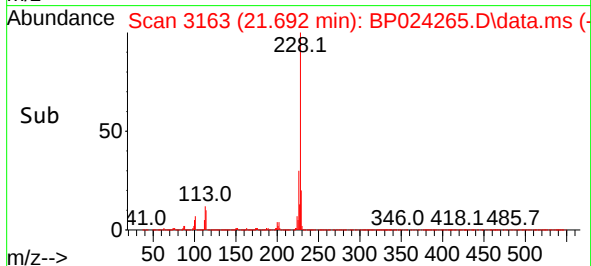
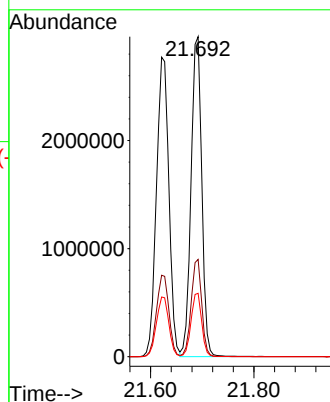
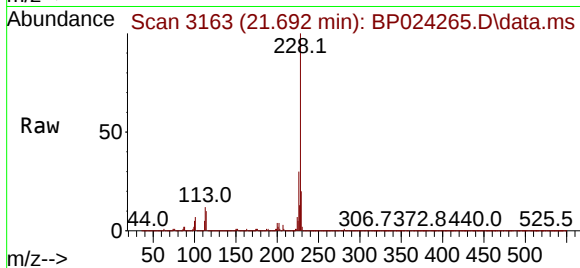
Tgt Ion:228 Resp: 4265411

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.8 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.306 ng

RT: 21.557 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

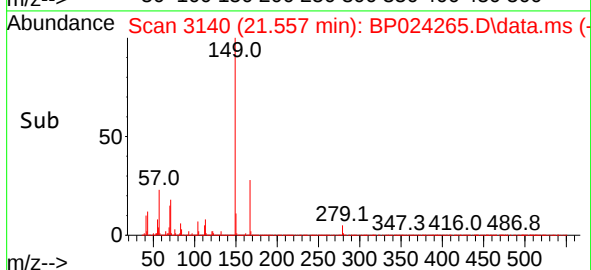
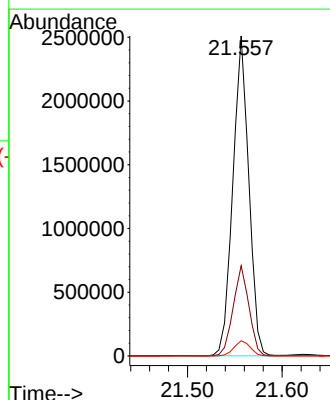
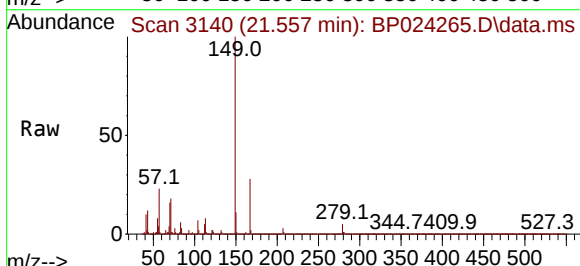
Tgt Ion:149 Resp: 2941938

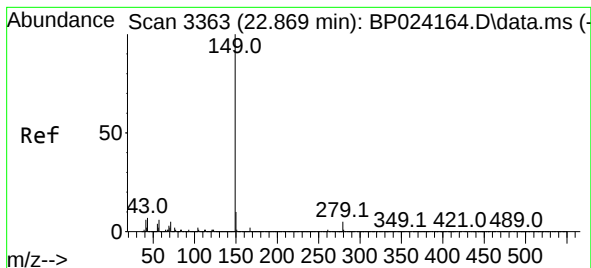
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 56.242 ng

RT: 22.833 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

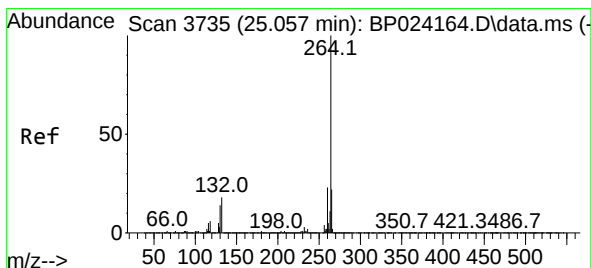
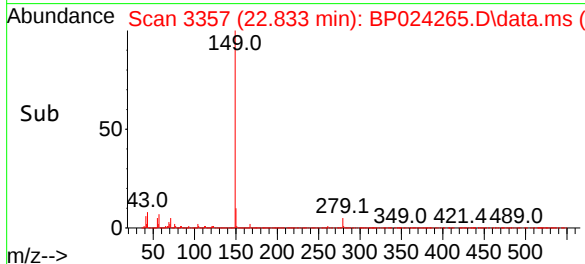
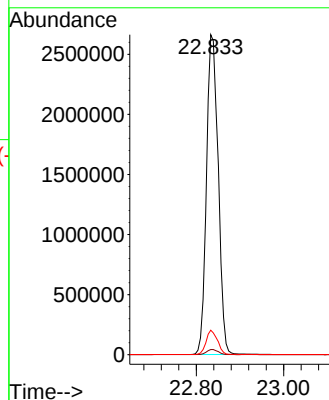
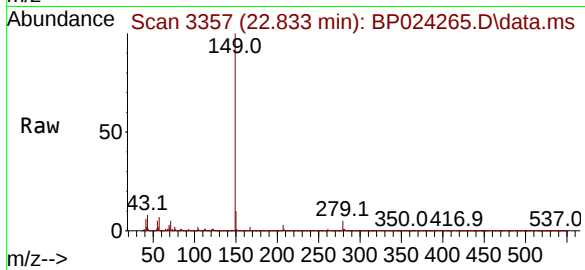
Tgt Ion:149 Resp: 4973283

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.3 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3726

Delta R.T. -0.006 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

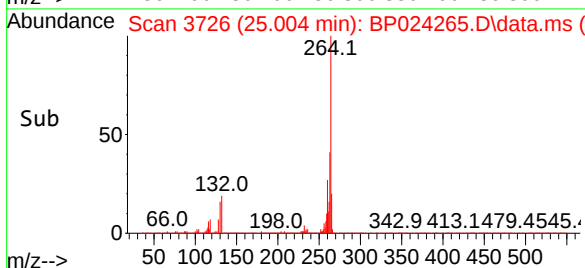
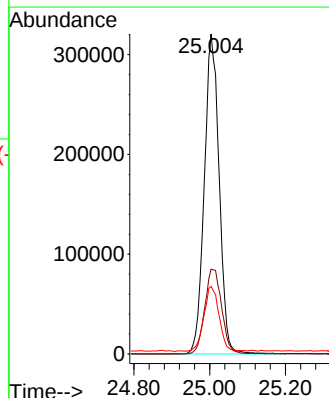
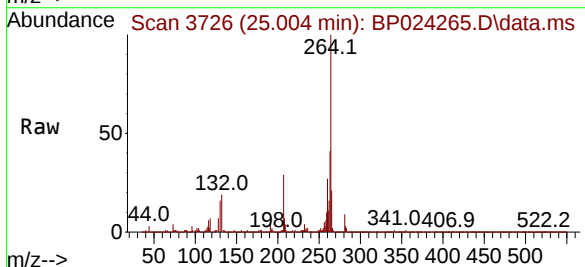
Tgt Ion:264 Resp: 871094

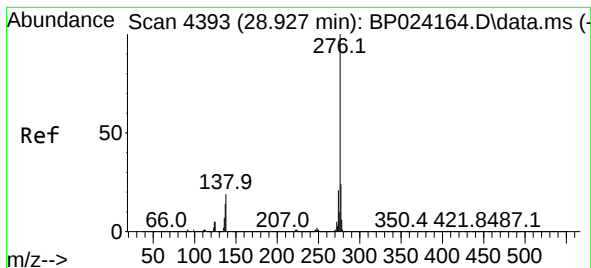
Ion Ratio Lower Upper

264 100

260 26.5 18.5 27.7

265 21.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 90.837 ng

RT: 28.815 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

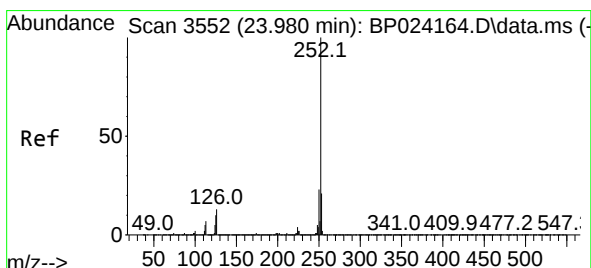
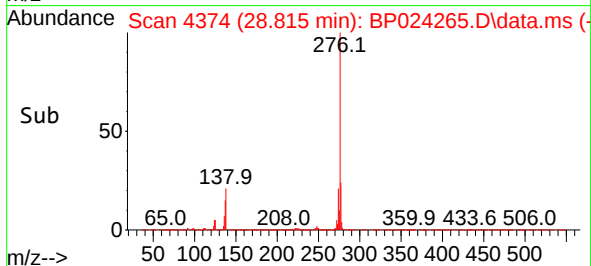
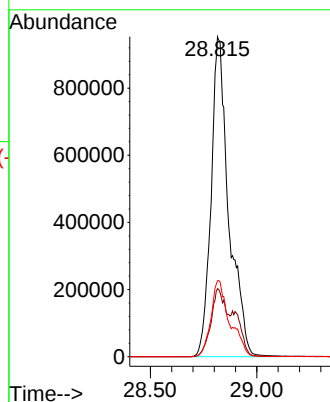
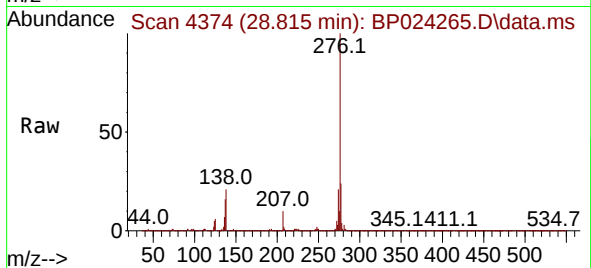
Tgt Ion:276 Resp: 5522504

Ion Ratio Lower Upper

276 100

138 18.5 13.7 20.5

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 92.052 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.012 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

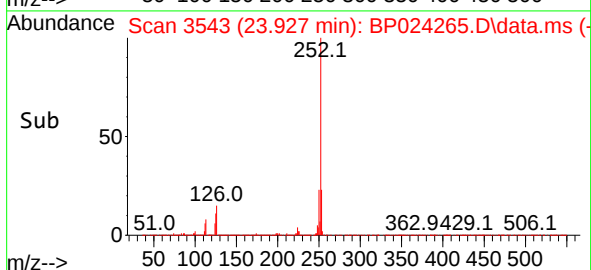
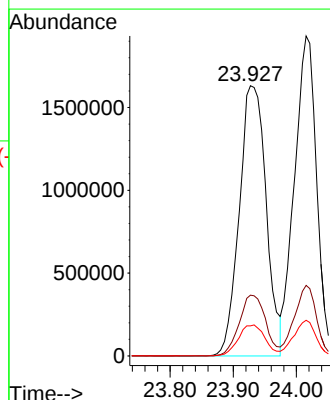
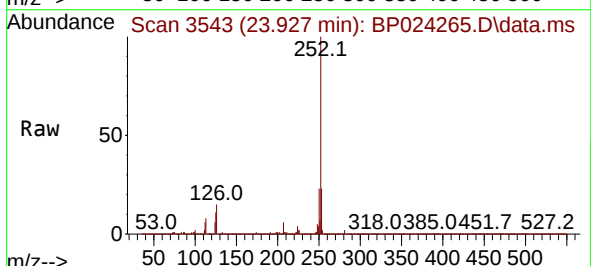
Tgt Ion:252 Resp: 4834705

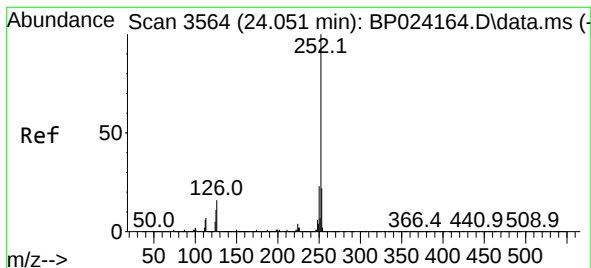
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 11.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 91.665 ng

RT: 24.015 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WCMS

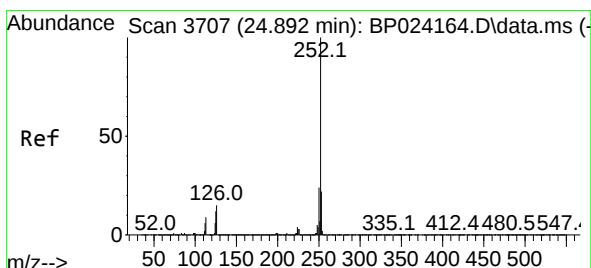
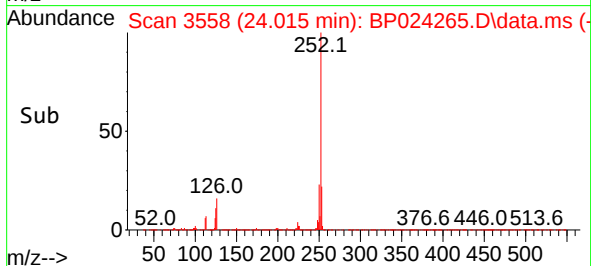
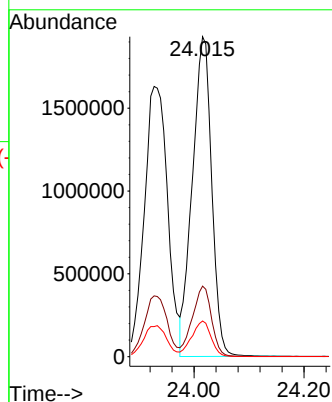
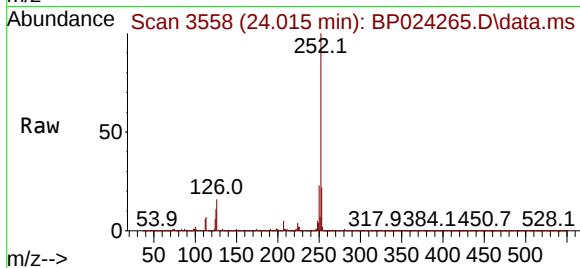
Tgt Ion:252 Resp: 4709378

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.1 9.1 13.7



#90

Benzo(a)pyrene

Concen: 91.707 ng

RT: 24.851 min Scan# 3700

Delta R.T. 0.000 min

Lab File: BP024265.D

Acq: 11 Apr 2025 14:19

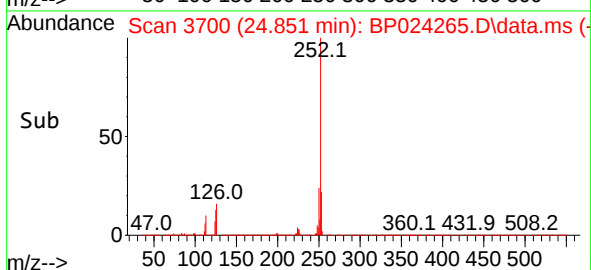
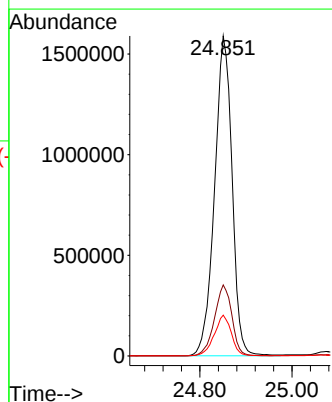
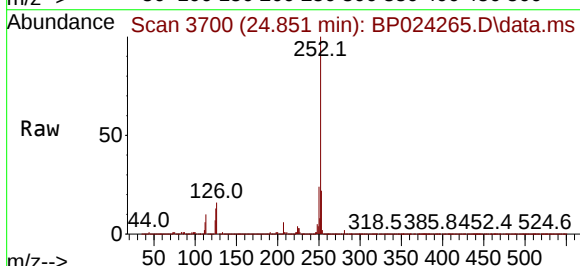
Tgt Ion:252 Resp: 4188367

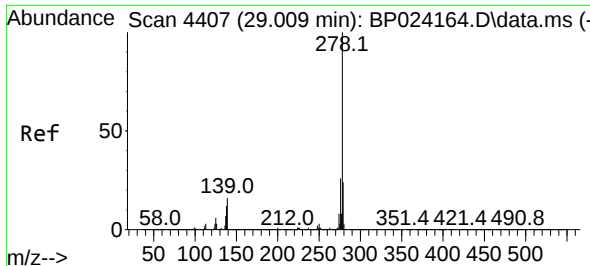
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 12.7 9.6 14.4

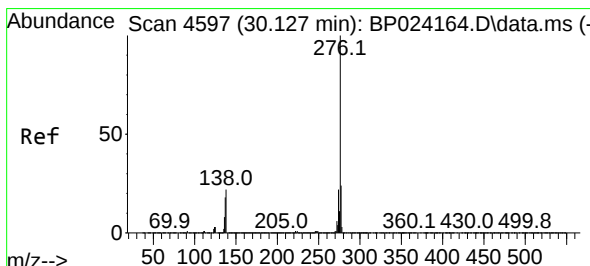
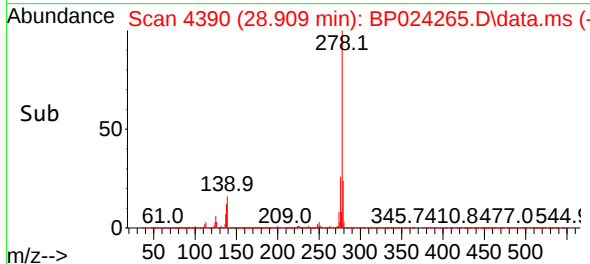
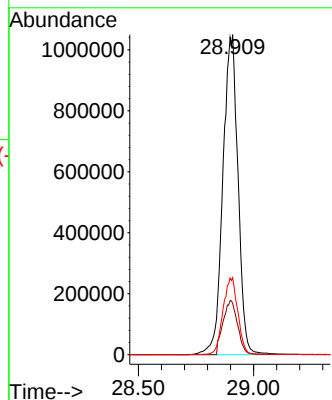
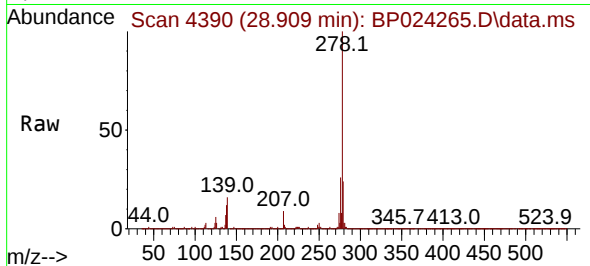




#91
Dibenzo(a,h)anthracene
Concen: 94.907 ng
RT: 28.909 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

Tgt Ion:278 Resp: 4800304
Ion Ratio Lower Upper
278 100
139 16.1 13.0 19.4
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 83.921 ng
RT: 30.009 min Scan# 4577
Delta R.T. 0.000 min
Lab File: BP024265.D
Acq: 11 Apr 2025 14:19

Tgt Ion:276 Resp: 4314856
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 21.9 17.4 26.2

