

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
 Data File : BP024915.D
 Acq On : 11 Jun 2025 17:05
 Operator : RC/JU
 Sample : Q2244-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHCMS

Quant Time: Jun 11 18:20:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	296667	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1251248	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	822618	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1726965	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1686101	20.000	ng	0.00
86) Perylene-d12	24.748	264	1976792	20.000	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1776656	99.964	ng	0.00
7) Phenol-d6	6.819	99	2371771	100.860	ng	0.00
23) Nitrobenzene-d5	8.760	82	1447025	56.196	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1283345	112.840	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3193974	52.305	ng	0.00
79) Terphenyl-d14	19.783	244	5808593	61.743	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.161	88	228650	29.238	ng 97
3) Pyridine	3.561	79	594374	31.604	ng 99
4) n-Nitrosodimethylamine	3.472	42	290474	37.779	ng 99
6) Aniline	6.949	93	1014632	33.810	ng 99
8) 2-Chlorophenol	7.190	128	887317	44.040	ng 98
9) Benzaldehyde	6.766	77	425241	31.373	ng 99
10) Phenol	6.843	94	1079117	44.514	ng 99
11) bis(2-Chloroethyl)ether	7.043	93	772631	40.522	ng 100
12) 1,3-Dichlorobenzene	7.496	146	888044	39.510	ng 98
13) 1,4-Dichlorobenzene	7.643	146	899149	39.647	ng 99
14) 1,2-Dichlorobenzene	7.955	146	874718	39.278	ng 99
15) Benzyl Alcohol	7.855	79	757822	41.990	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	951919	38.145	ng 99
17) 2-Methylphenol	8.072	107	722848	42.700	ng 99
18) Hexachloroethane	8.666	117	336599	39.422	ng 98
19) n-Nitroso-di-n-propyla...	8.413	70	611354	38.243	ng 98
20) 3+4-Methylphenols	8.396	107	986248	42.702	ng 96
22) Acetophenone	8.425	105	1238102	39.164	ng # 99
24) Nitrobenzene	8.802	77	908268	39.705	ng 99
25) Isophorone	9.325	82	1739583	38.981	ng 98
26) 2-Nitrophenol	9.507	139	486508	43.104	ng 96
27) 2,4-Dimethylphenol	9.578	122	814500	42.165	ng 100
28) bis(2-Chloroethoxy)met...	9.796	93	1046140	39.298	ng 100
29) 2,4-Dichlorophenol	10.054	162	847988	45.752	ng 99
30) 1,2,4-Trichlorobenzene	10.249	180	851137	40.714	ng 99
31) Naphthalene	10.425	128	2610174	40.706	ng 100
32) Benzoic acid	9.778	122	629975	48.261	ng 99
33) 4-Chloroaniline	10.549	127	914522	34.042	ng 99
34) Hexachlorobutadiene	10.707	225	527036	41.829	ng 99
35) Caprolactam	11.360	113	294678	43.191	ng 93
36) 4-Chloro-3-methylphenol	11.707	107	965516	45.163	ng 99
37) 2-Methylnaphthalene	12.043	142	1715766	42.183	ng 99
38) 1-Methylnaphthalene	12.272	142	1794357	41.264	ng 99
40) 1,2,4,5-Tetrachloroben...	12.425	216	985966	42.240	ng 100
41) Hexachlorocyclopentadiene	12.395	237	787722	55.328	ng 100
43) 2,4,6-Trichlorophenol	12.678	196	710578	45.330	ng 99

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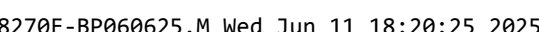
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 ClientSampleId :
 TP03-MHCMS

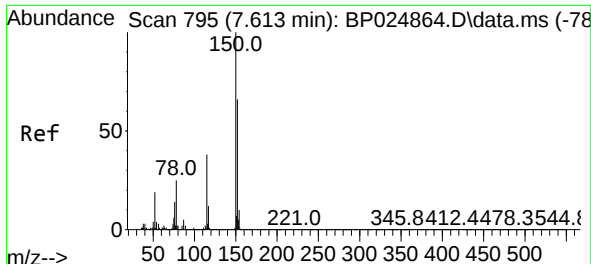
Quant Time: Jun 11 18:20:12 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	793615	47.273	ng	98
46) 1,1'-Biphenyl	13.072	154	2426562	40.590	ng	100
47) 2-Chloronaphthalene	13.113	162	1879274	40.901	ng	99
48) 2-Nitroaniline	13.337	65	608188	43.055	ng	98
49) Acenaphthylene	13.972	152	3097605	40.433	ng	100
50) Dimethylphthalate	13.713	163	2458193	40.509	ng	100
51) 2,6-Dinitrotoluene	13.837	165	557475	42.614	ng	96
52) Acenaphthene	14.319	154	1827096	41.619	ng	99
53) 3-Nitroaniline	14.178	138	513630	37.834	ng	100
54) 2,4-Dinitrophenol	14.401	184	679664	79.802	ng	98
55) Dibenzofuran	14.666	168	2878720	40.852	ng	99
56) 4-Nitrophenol	14.537	139	1036333	89.481	ng	98
57) 2,4-Dinitrotoluene	14.642	165	812771	44.415	ng	97
58) Fluorene	15.325	166	2418211	42.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	714316	47.622	ng	98
60) Diethylphthalate	15.101	149	2615853	43.253	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	1198086	43.044	ng	99
62) 4-Nitroaniline	15.366	138	571030	46.389	ng	98
63) Azobenzene	15.619	77	2619063	47.219	ng	97
65) 4,6-Dinitro-2-methylph...	15.425	198	470723	41.482	ng	99
66) n-Nitrosodiphenylamine	15.542	169	2153479	40.231	ng	100
67) 4-Bromophenyl-phenylether	16.231	248	821550	42.161	ng	97
68) Hexachlorobenzene	16.348	284	1015332	42.982	ng	98
69) Atrazine	16.519	200	837121	43.140	ng	99
70) Pentachlorophenol	16.713	266	1296721	106.064	ng	98
71) Phenanthrene	17.101	178	3949146	41.381	ng	99
72) Anthracene	17.195	178	4016208	41.553	ng	99
73) Carbazole	17.478	167	3773035	42.115	ng	99
74) Di-n-butylphthalate	18.060	149	5140160	46.308	ng	100
75) Fluoranthene	19.183	202	4590338	41.499	ng	98
77) Benzidine	19.389	184	1882021	36.040	ng	99
78) Pyrene	19.560	202	4673353	44.365	ng	100
80) Butylbenzylphthalate	20.513	149	2301859	47.706	ng	98
81) Benzo(a)anthracene	21.471	228	4592742	42.589	ng	100
82) 3,3'-Dichlorobenzidine	21.395	252	1660749	38.791	ng	98
83) Chrysene	21.536	228	4272449	41.812	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	3400437	49.188	ng	98
85) Di-n-octyl phthalate	22.642	149	5796107	47.567	ng	99
87) Indeno(1,2,3-cd)pyrene	28.453	276	6149944	42.640	ng	99
88) Benzo(b)fluoranthene	23.718	252	4843286	42.811	ng	99
89) Benzo(k)fluoranthene	23.789	252	4736261	41.128	ng	100
90) Benzo(a)pyrene	24.595	252	4660900	42.186	ng	100
91) Dibenzo(a,h)anthracene	28.524	278	5041579	42.943	ng	100
92) Benzo(g,h,i)perylene	29.612	276	4925217	42.282	ng	99

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

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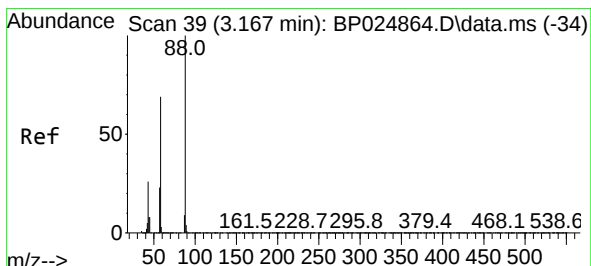
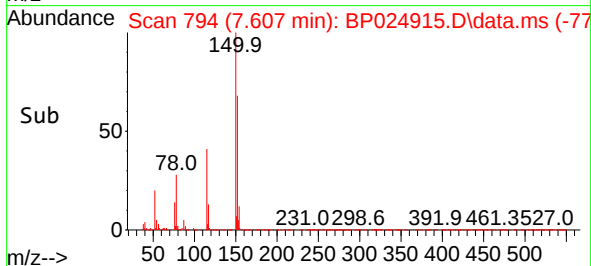
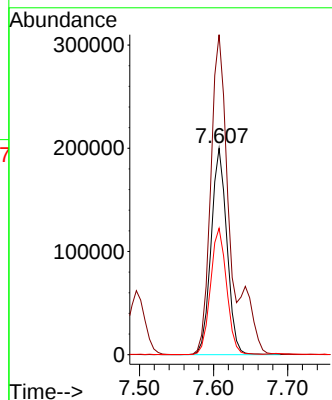
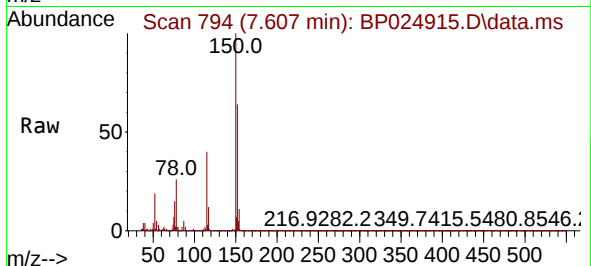




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.607 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BP024915.D
 Acq: 11 Jun 2025 17:05

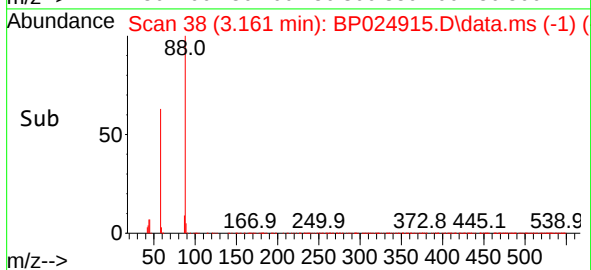
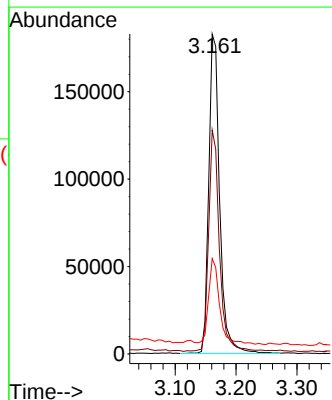
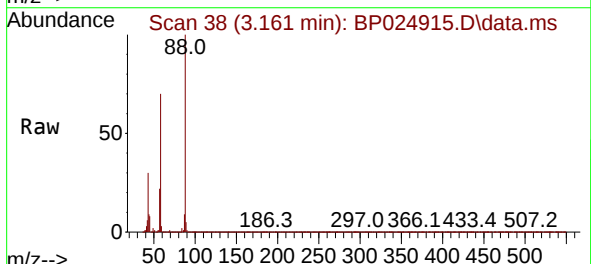
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHCMS

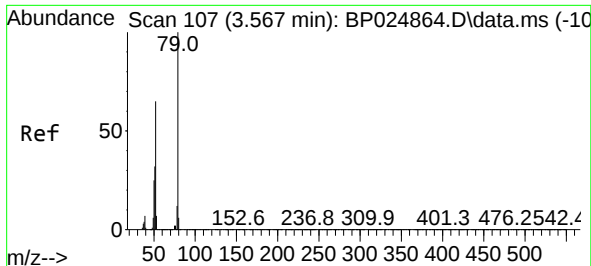
Tgt Ion:152 Resp: 296667
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.1 183.1
 115 61.3 46.4 69.6



#2
 1,4-Dioxane
 Concen: 29.238 ng
 RT: 3.161 min Scan# 38
 Delta R.T. -0.006 min
 Lab File: BP024915.D
 Acq: 11 Jun 2025 17:05

Tgt Ion: 88 Resp: 228650
 Ion Ratio Lower Upper
 88 100
 58 67.1 55.4 83.0
 43 27.3 20.8 31.2

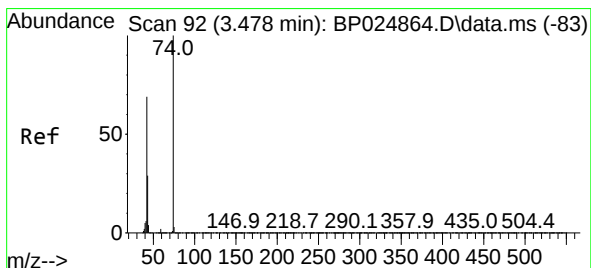
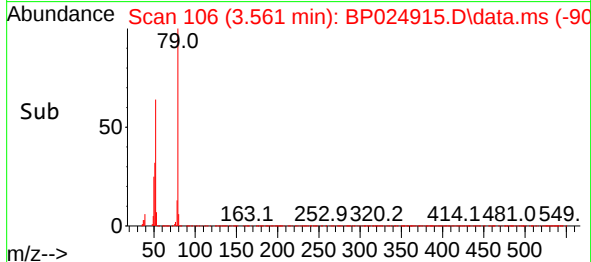
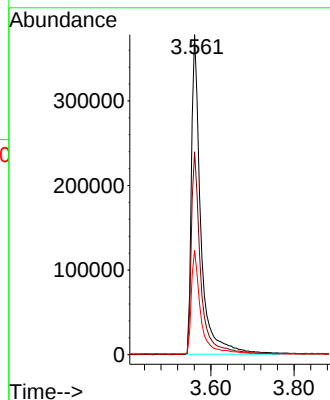
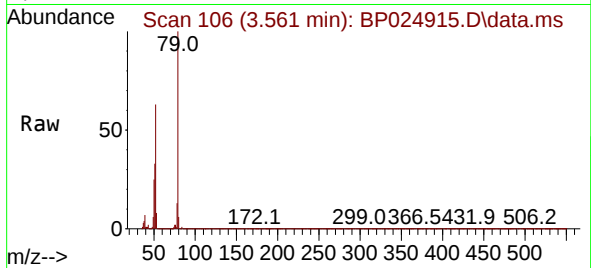




#3
Pyridine
Concen: 31.604 ng
RT: 3.561 min Scan# 107
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

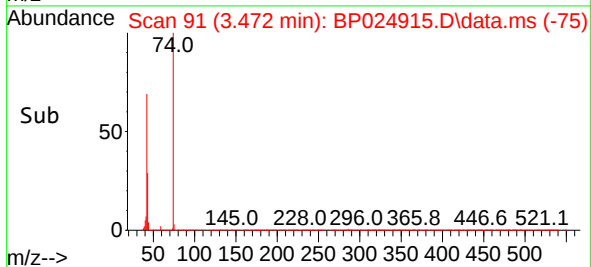
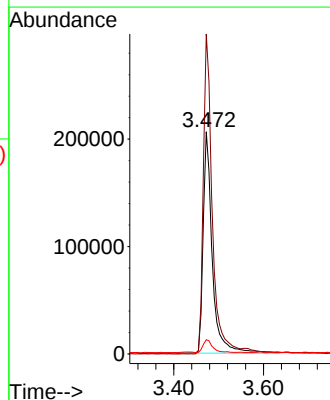
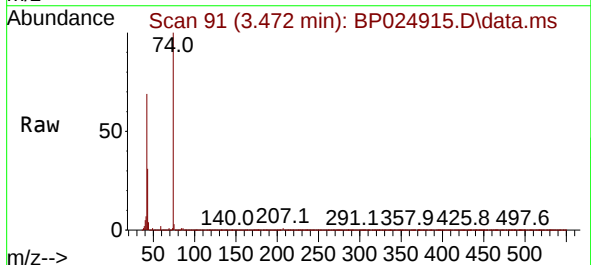
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

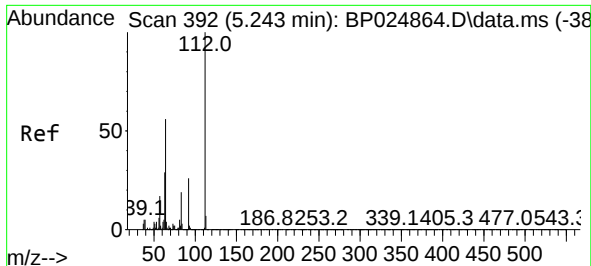
Tgt Ion: 79 Resp: 594374
Ion Ratio Lower Upper
79 100
52 63.4 51.6 77.4
51 32.7 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 37.779 ng
RT: 3.472 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 42 Resp: 290474
Ion Ratio Lower Upper
42 100
74 144.0 116.6 174.8
44 6.4 5.4 8.0

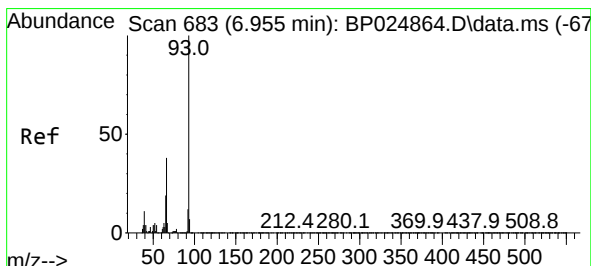
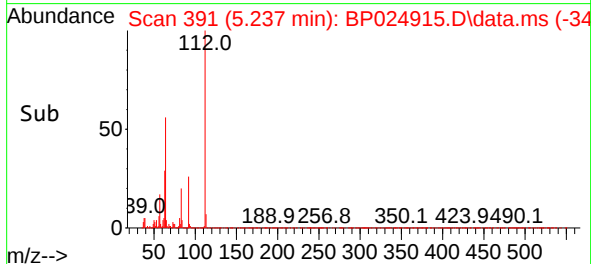
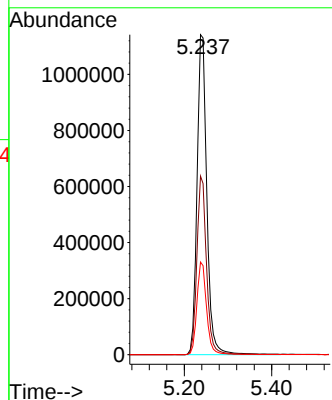
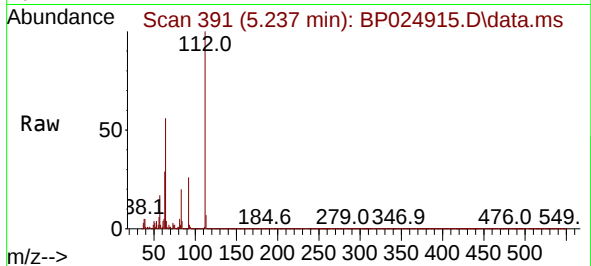




#5
2-Fluorophenol
Concen: 99.964 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

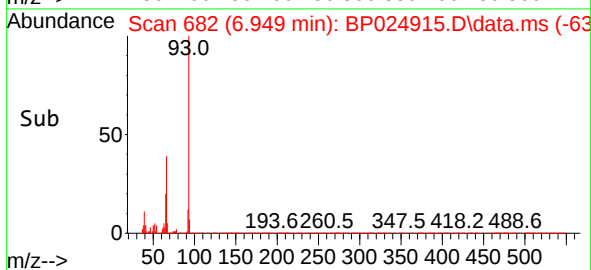
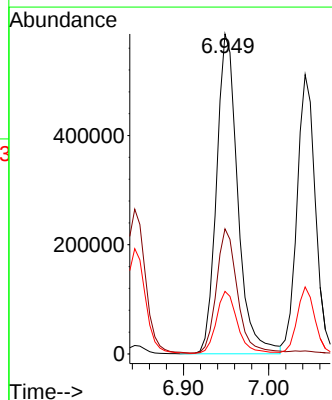
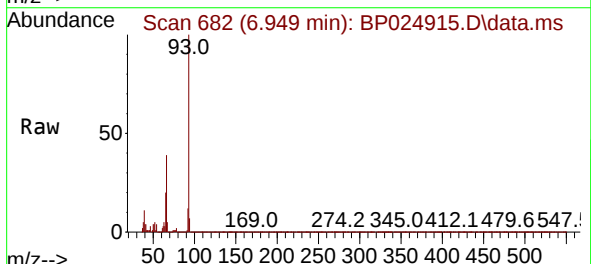
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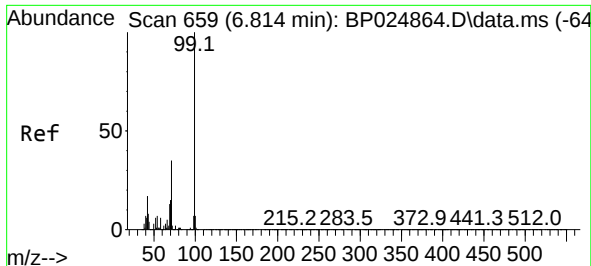
Tgt Ion:112 Resp: 1776656
Ion Ratio Lower Upper
112 100
64 55.8 44.7 67.1
63 28.9 23.5 35.3



#6
Aniline
Concen: 33.810 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 93 Resp: 1014632
Ion Ratio Lower Upper
93 100
66 39.1 30.9 46.3
65 19.5 15.5 23.3

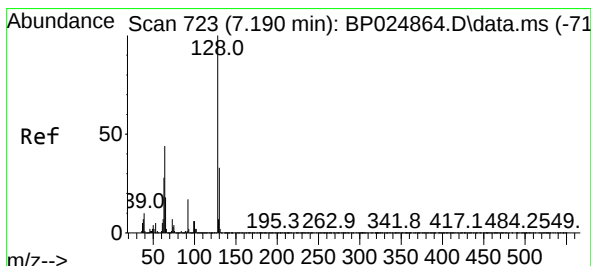
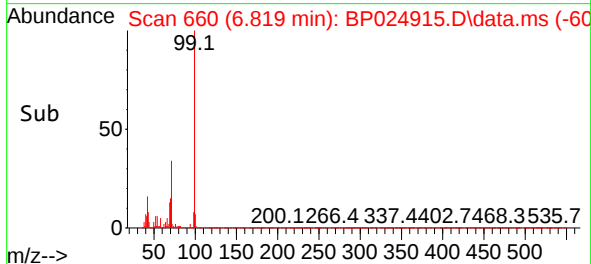
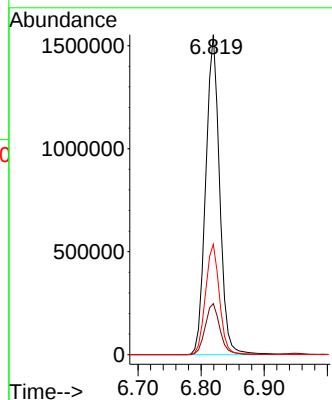
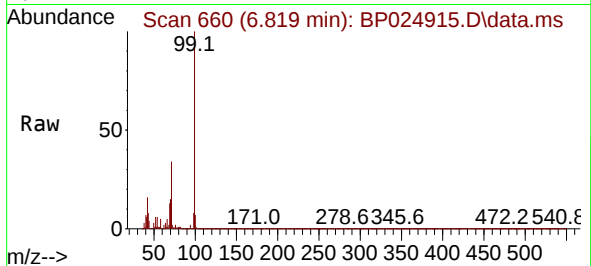




#7
Phenol-d6
Concen: 100.860 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

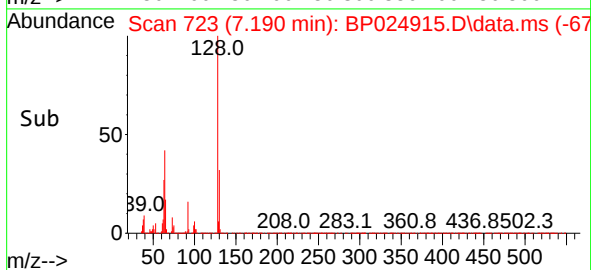
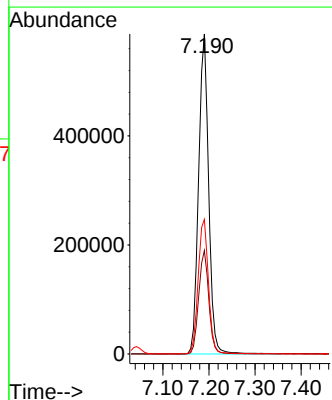
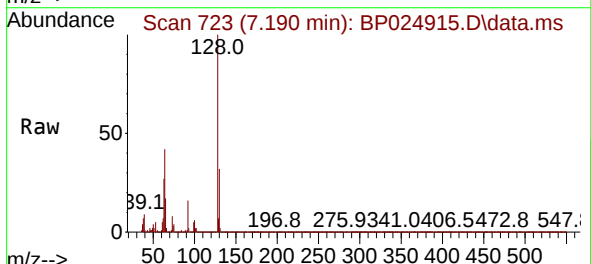
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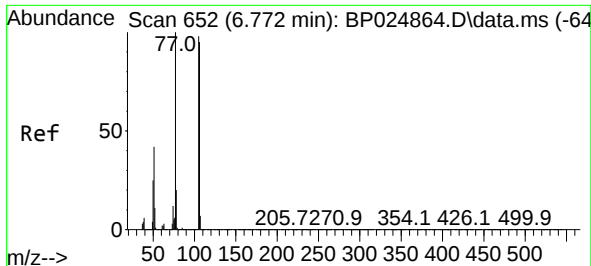
Tgt Ion: 99 Resp: 2371771
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 34.5 27.6 41.4



#8
2-Chlorophenol
Concen: 44.040 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:128 Resp: 887317
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 42.1 24.1 64.1

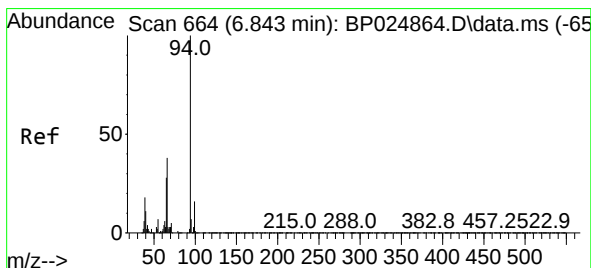
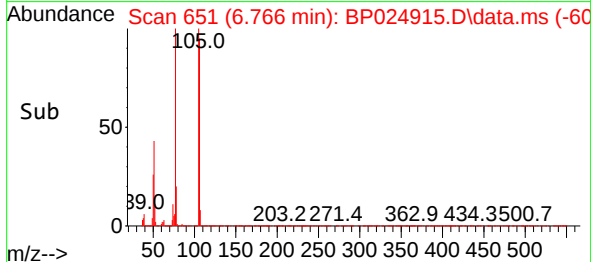
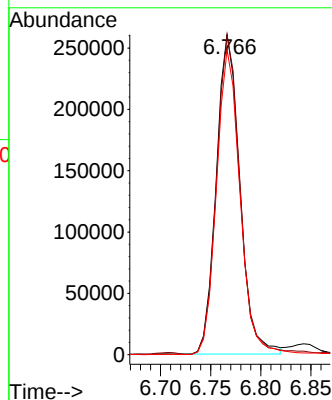
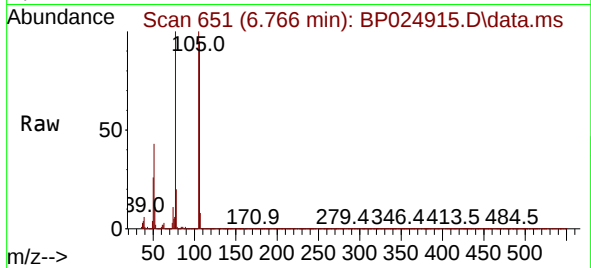




#9
Benzaldehyde
Concen: 31.373 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

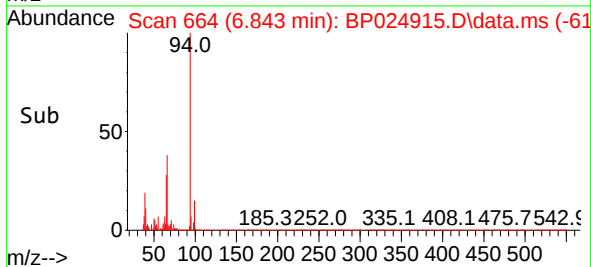
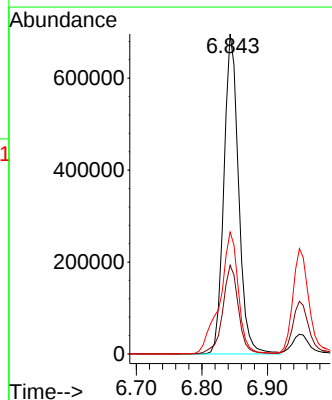
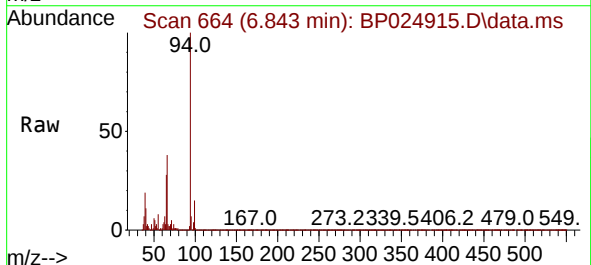
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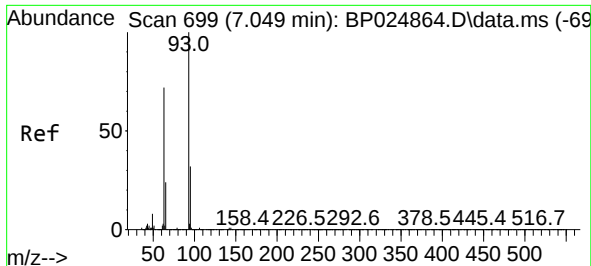
Tgt Ion: 77 Resp: 425241
Ion Ratio Lower Upper
77 100
105 99.7 77.7 117.7
106 95.3 74.8 114.8



#10
Phenol
Concen: 44.514 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 94 Resp: 1079117
Ion Ratio Lower Upper
94 100
65 27.7 8.3 48.3
66 38.1 18.2 58.2



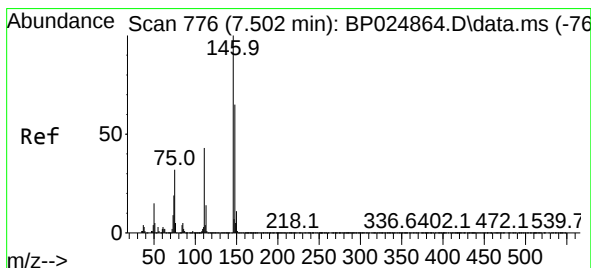
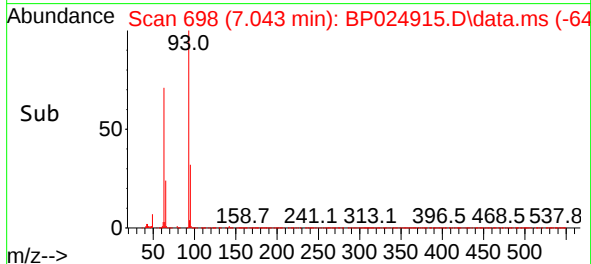
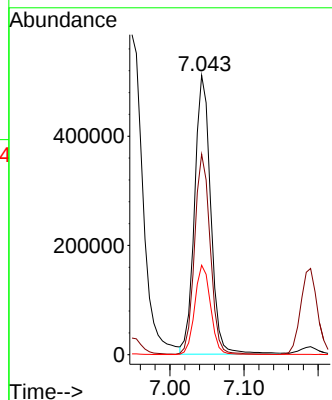
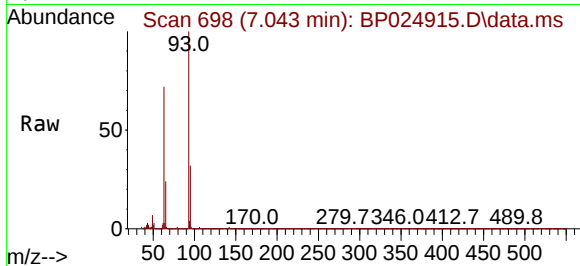


#11
bis(2-Chloroethyl)ether
Concen: 40.522 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

Tgt Ion: 93 Resp: 772631

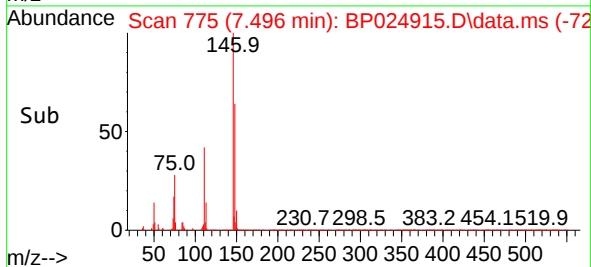
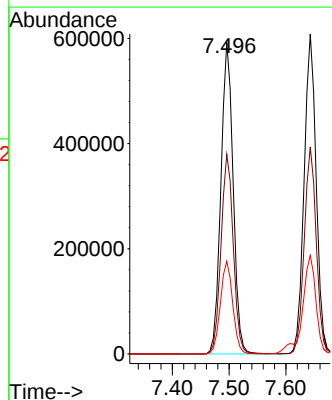
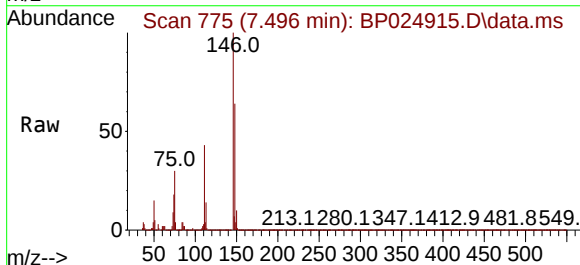
Ion	Ratio	Lower	Upper
93	100		
63	71.8	51.6	91.6
95	32.0	12.1	52.1

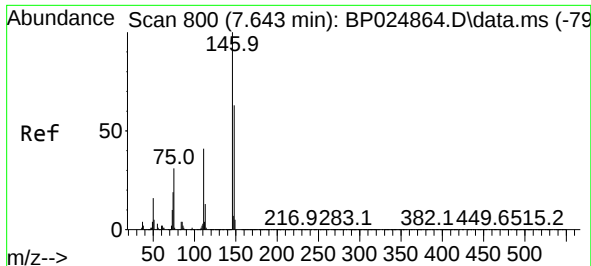


#12
1,3-Dichlorobenzene
Concen: 39.510 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 146 Resp: 888044

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	29.8	25.3	37.9

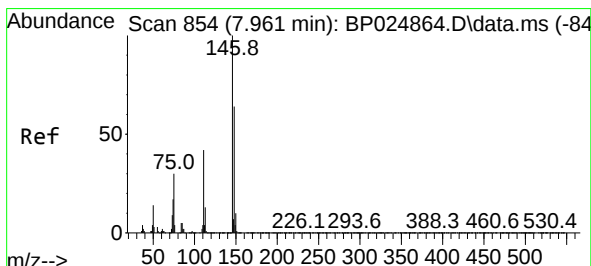
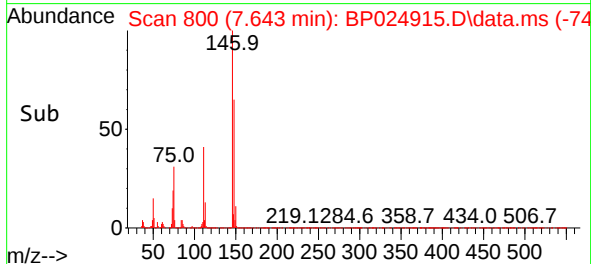
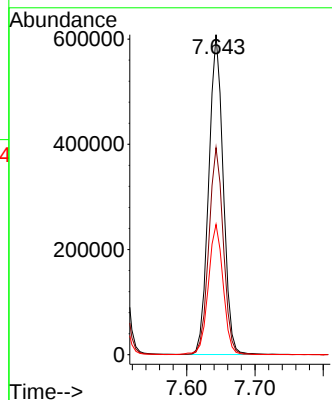
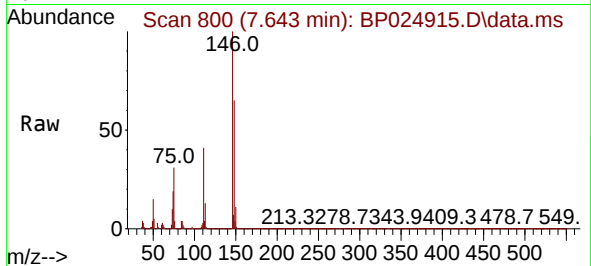




#13
1,4-Dichlorobenzene
Concen: 39.647 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

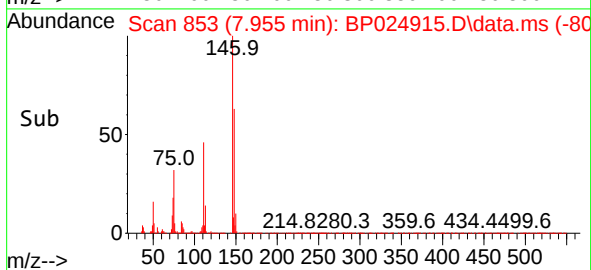
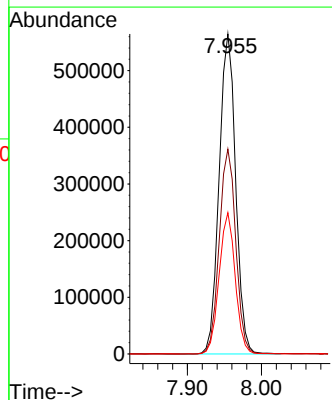
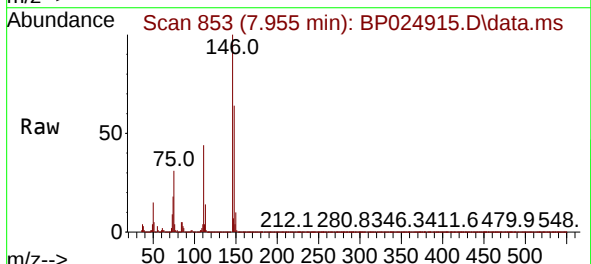
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

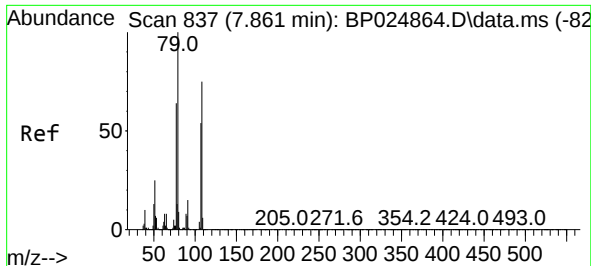
Tgt Ion:146 Resp: 899149
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 40.7 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 39.278 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:146 Resp: 874718
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
111 44.1 33.8 50.8

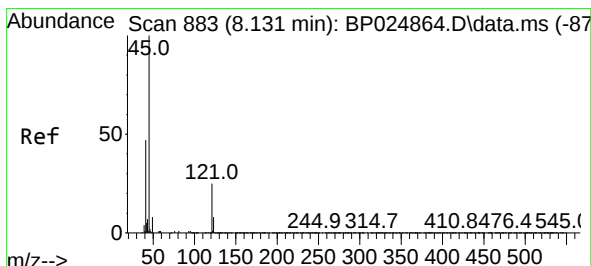
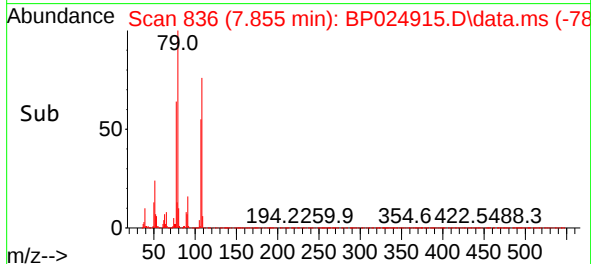
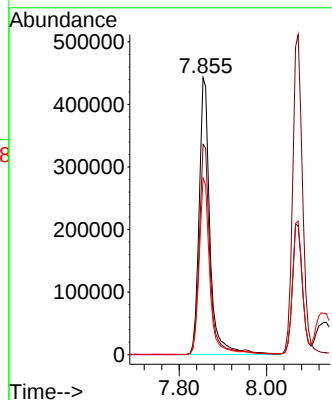
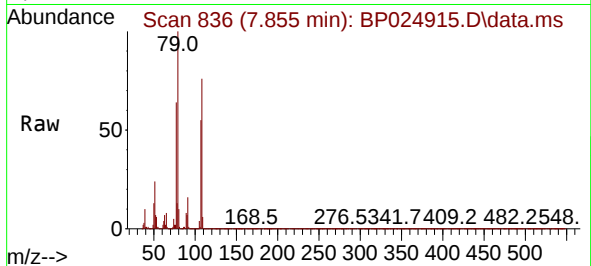




#15
Benzyl Alcohol
Concen: 41.990 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

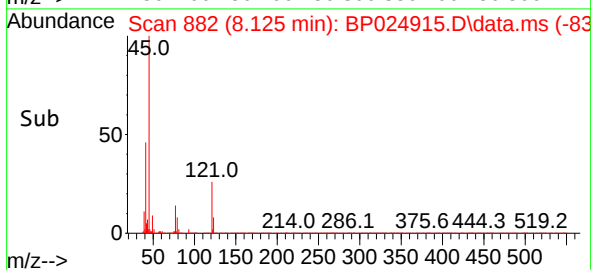
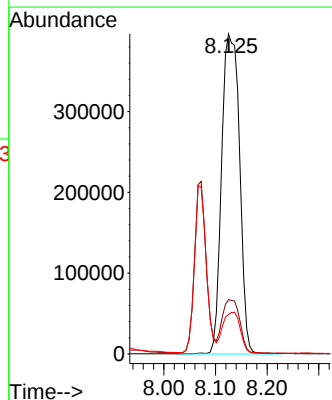
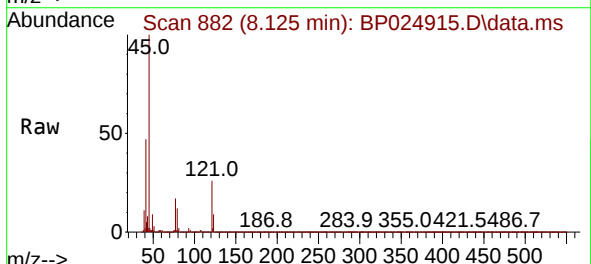
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

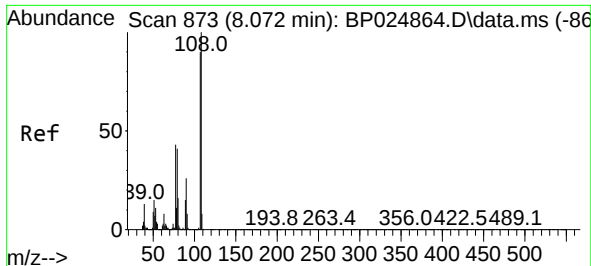
Tgt Ion: 79 Resp: 757822
Ion Ratio Lower Upper
79 100
108 75.9 60.2 90.4
77 63.7 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.145 ng
RT: 8.125 min Scan# 882
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 45 Resp: 951919
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.3
79 12.3 0.0 32.2

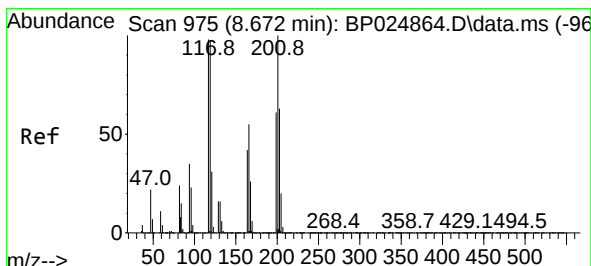
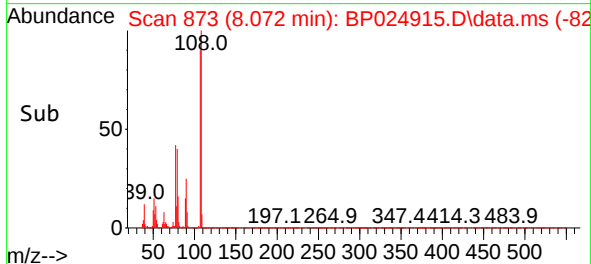
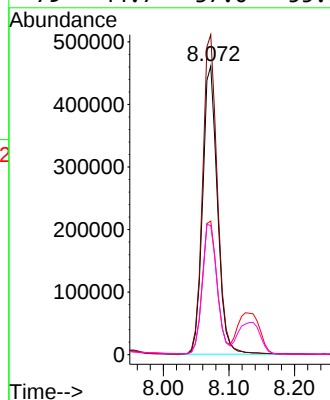
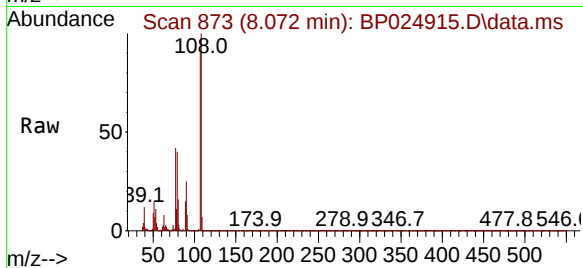




#17
2-Methylphenol
Concen: 42.700 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

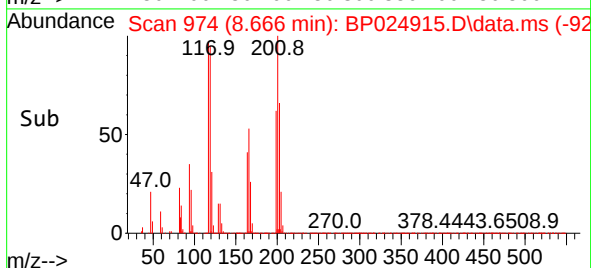
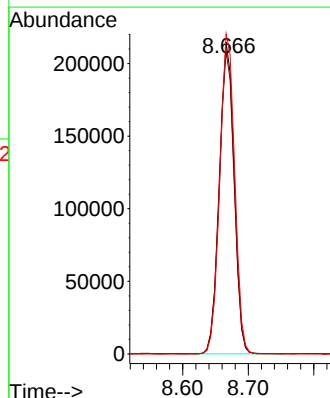
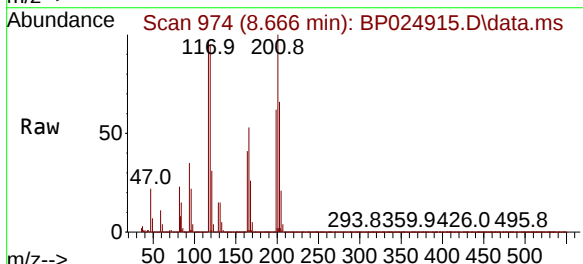
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

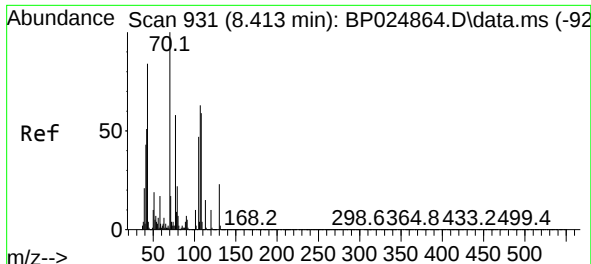
Tgt Ion:	107	Resp:	722848
Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.6	132.8
77	46.3	38.5	57.7
79	44.7	37.0	55.6



#18
Hexachloroethane
Concen: 39.422 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:	117	Resp:	336599
Ion	Ratio	Lower	Upper
117	100		
119	97.1	79.4	119.2
201	102.7	81.4	122.2

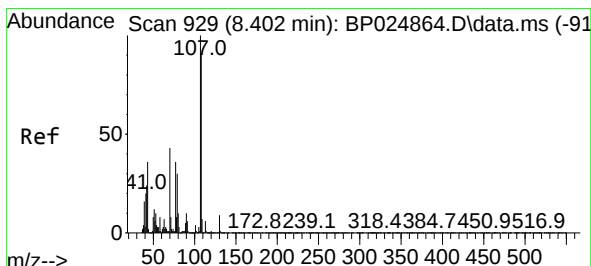
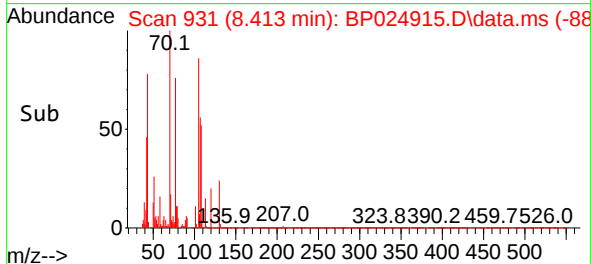
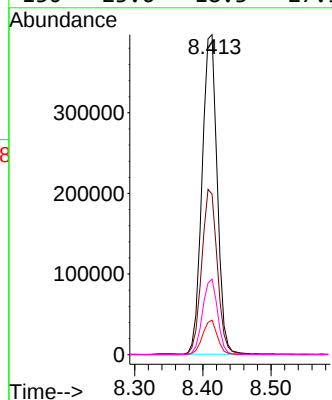
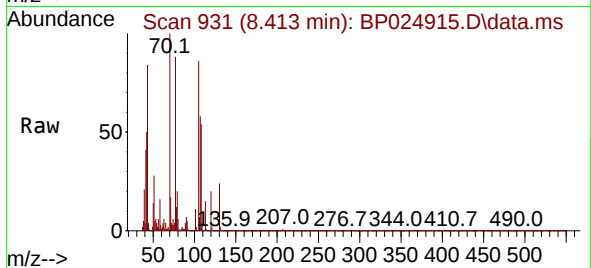




#19
n-Nitroso-di-n-propylamine
Concen: 38.243 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

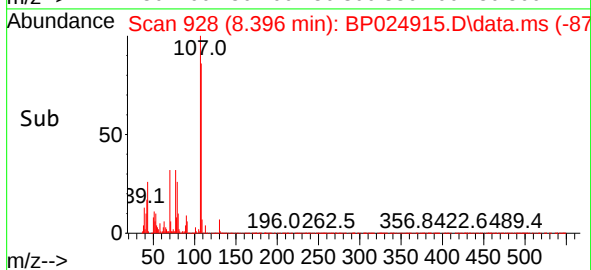
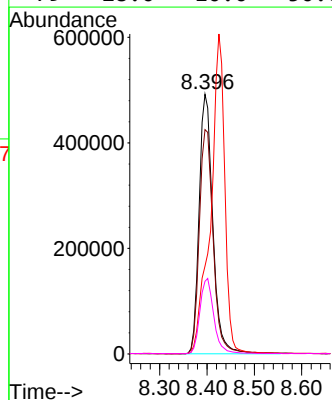
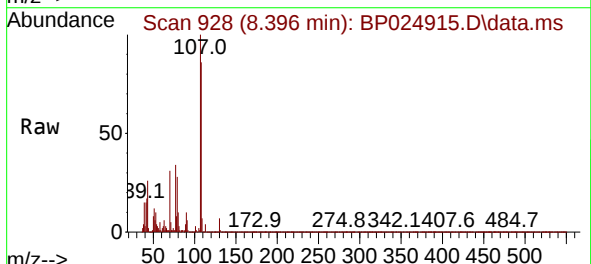
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

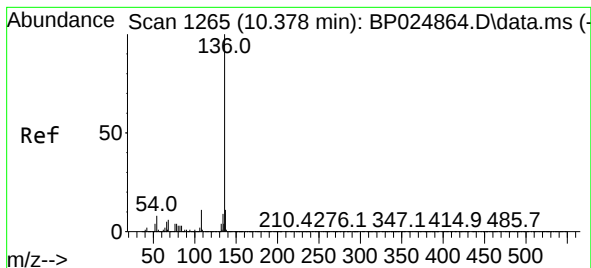
Tgt Ion: 70 Resp: 611354
Ion Ratio Lower Upper
70 100
42 50.2 41.2 61.8
101 10.8 8.3 12.5
130 23.6 18.3 27.5



#20
3+4-Methylphenols
Concen: 42.702 ng
RT: 8.396 min Scan# 928
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 107 Resp: 986248
Ion Ratio Lower Upper
107 100
108 86.4 70.7 110.7
77 33.8 16.6 56.6
79 28.0 10.0 50.0

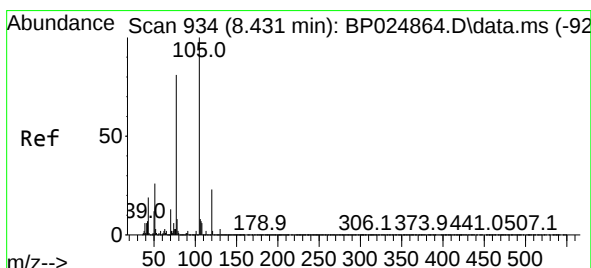
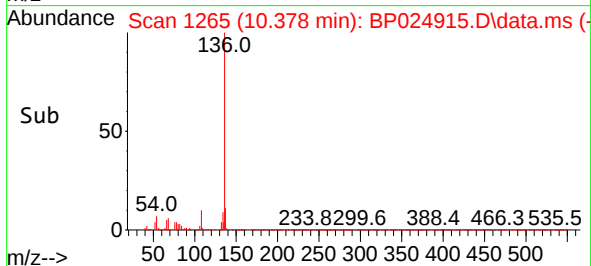
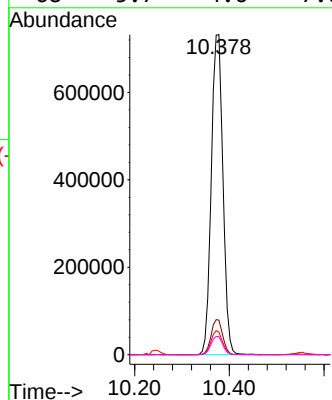
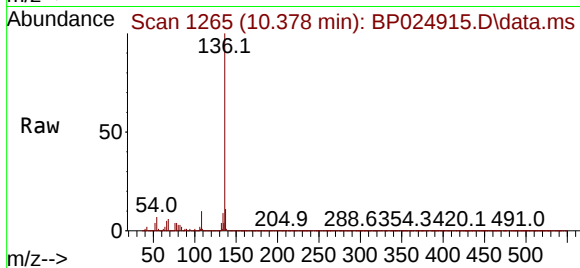




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

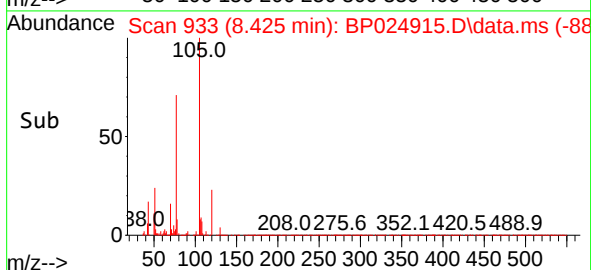
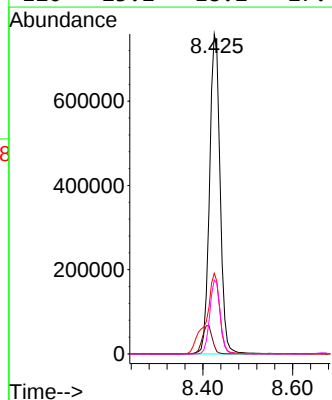
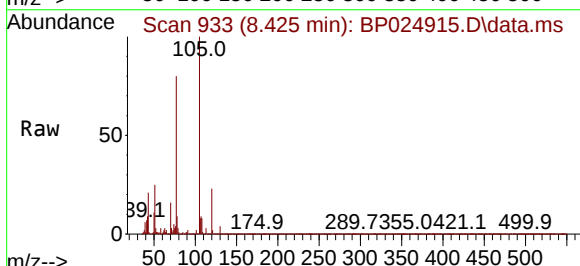
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

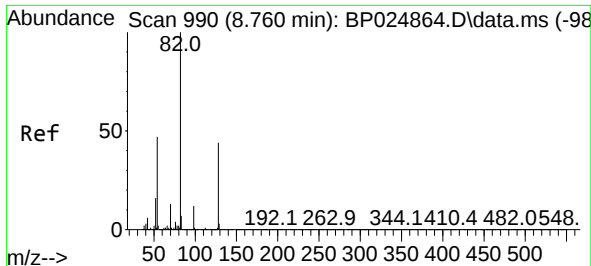
Tgt Ion:136 Resp: 1251248
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.0 6.1 9.1
68 5.7 4.6 7.0



#22
Acetophenone
Concen: 39.164 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:105 Resp: 1238102
Ion Ratio Lower Upper
105 100
71 2.7 1.6 2.4#
51 25.2 20.6 31.0
120 23.2 18.2 27.4

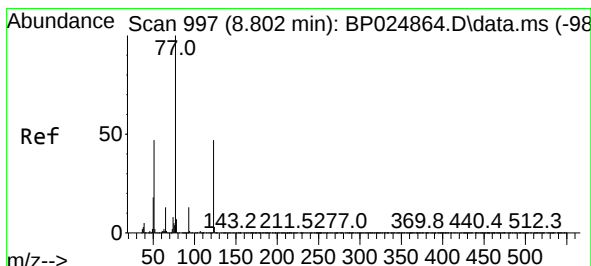
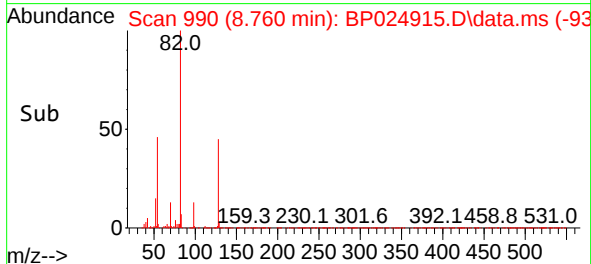
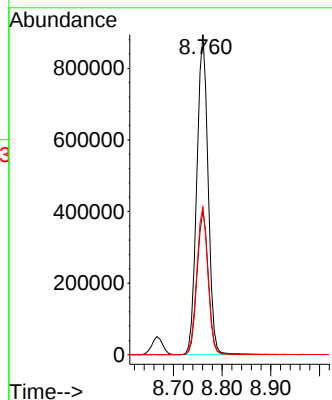
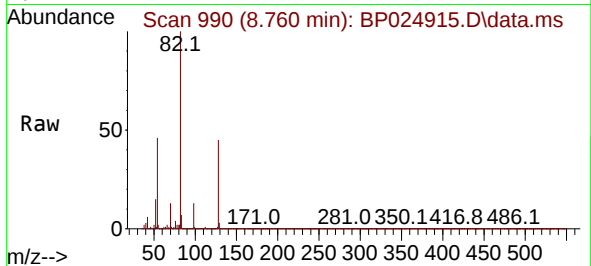




#23
Nitrobenzene-d5
Concen: 56.196 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

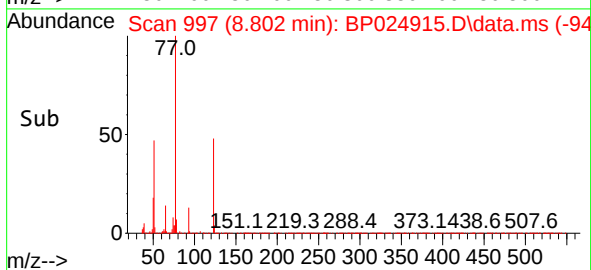
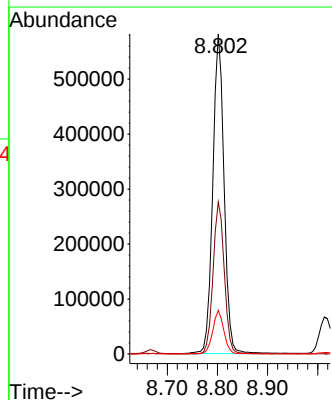
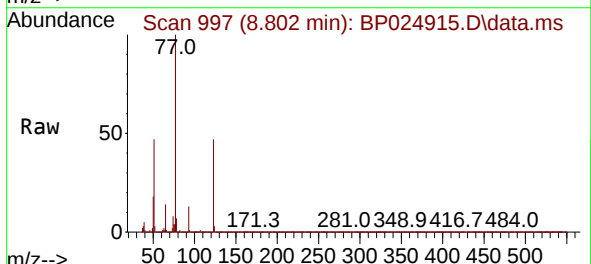
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

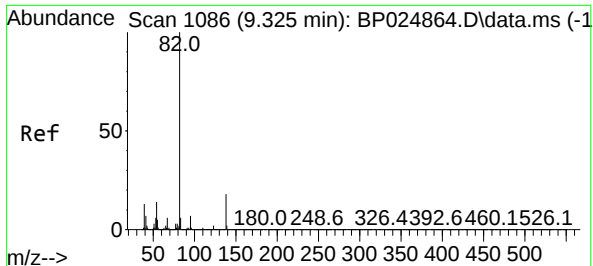
Tgt Ion: 82 Resp: 1447025
Ion Ratio Lower Upper
82 100
128 45.1 35.3 52.9
54 46.2 37.4 56.0



#24
Nitrobenzene
Concen: 39.705 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 77 Resp: 908268
Ion Ratio Lower Upper
77 100
123 47.5 37.3 55.9
65 13.6 10.8 16.2

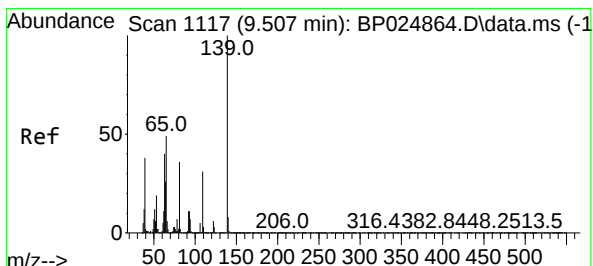
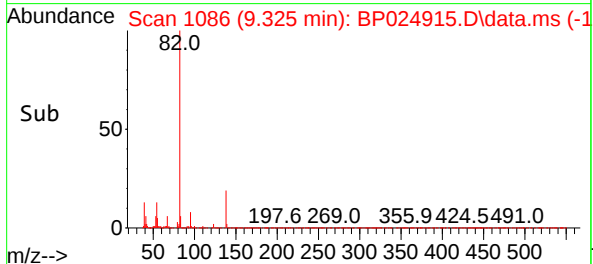
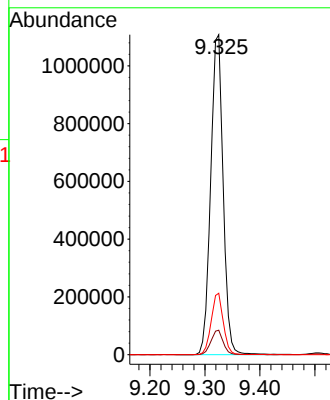
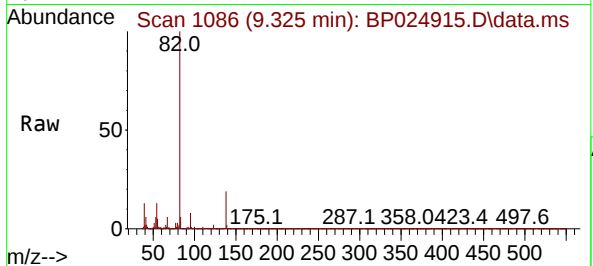




#25
Isophorone
Concen: 38.981 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

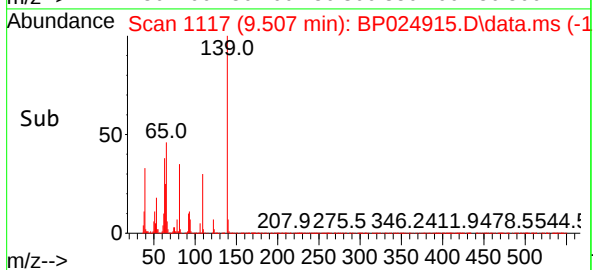
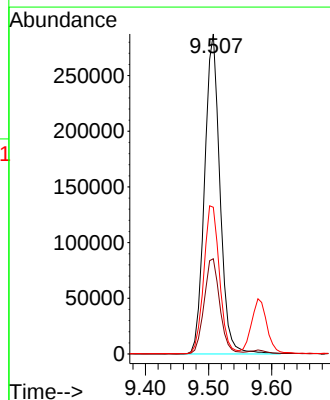
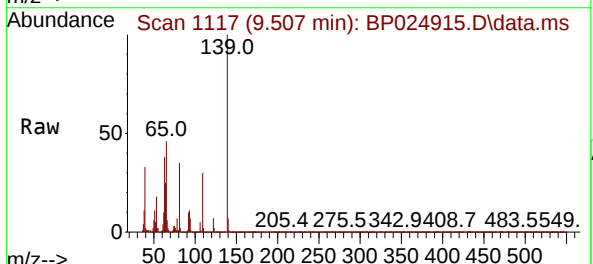
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

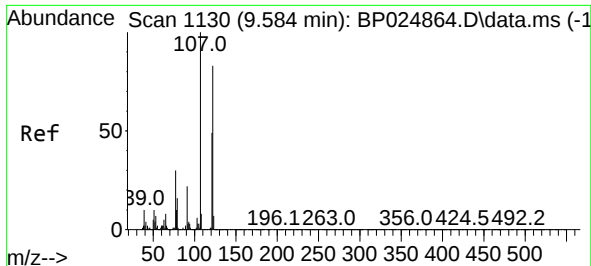
Tgt Ion: 82 Resp: 1739583
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 19.2 14.6 21.8



#26
2-Nitrophenol
Concen: 43.104 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 139 Resp: 486508
Ion Ratio Lower Upper
139 100
109 29.8 24.6 37.0
65 45.9 39.5 59.3





#27

2,4-Dimethylphenol

Concen: 42.165 ng

RT: 9.578 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

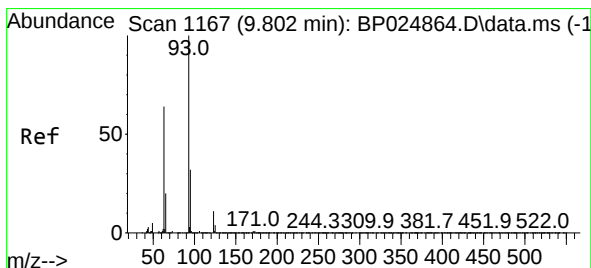
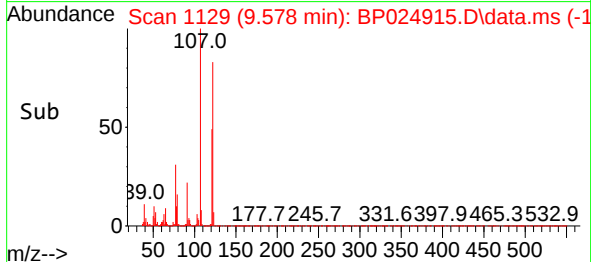
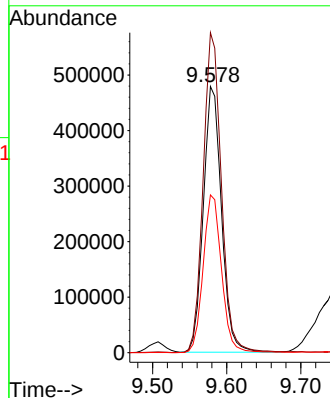
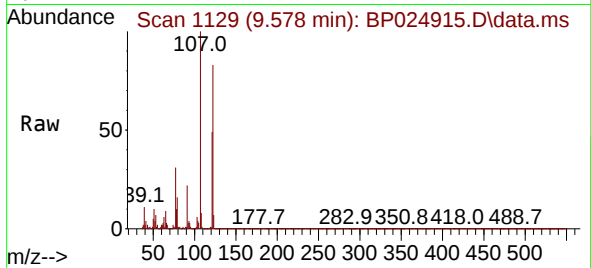
Tgt Ion:122 Resp: 814500

Ion Ratio Lower Upper

122 100

107 120.2 96.2 144.4

121 59.3 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.298 ng

RT: 9.796 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

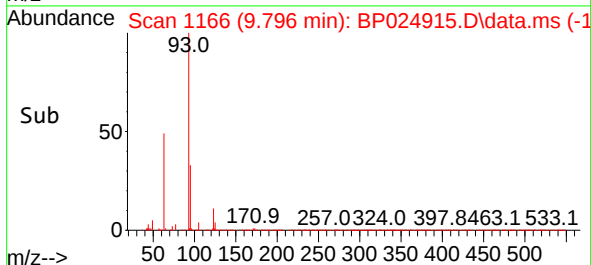
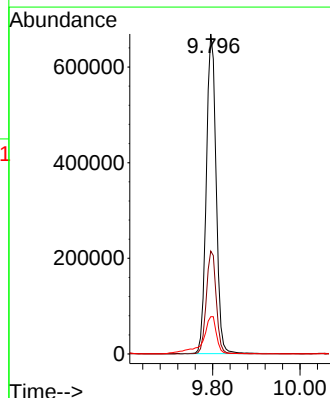
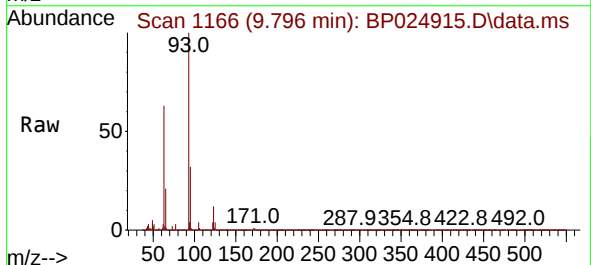
Tgt Ion: 93 Resp: 1046140

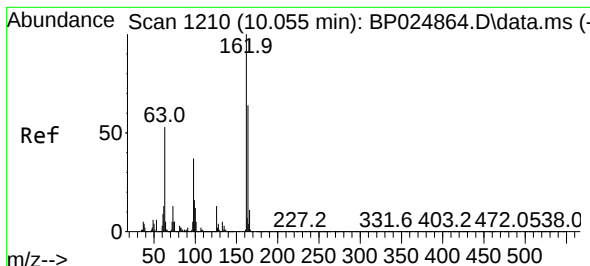
Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

123 11.6 9.2 13.8

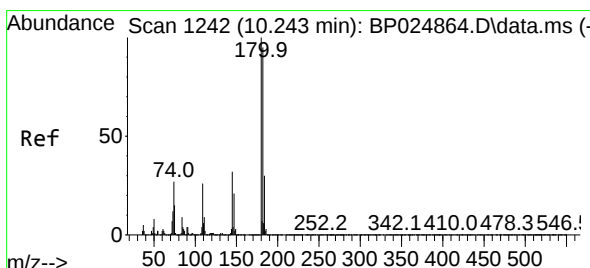
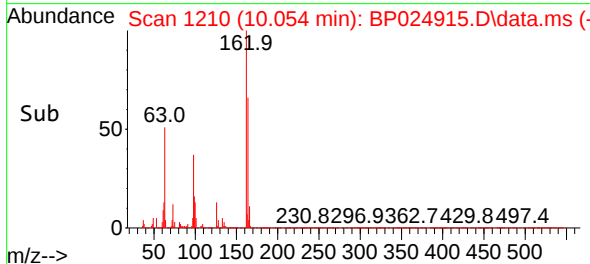
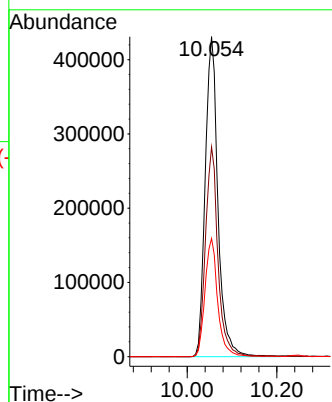
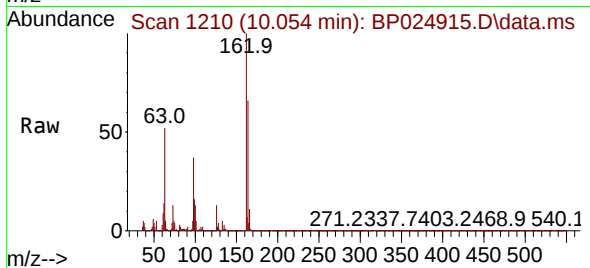




#29
2,4-Dichlorophenol
Concen: 45.752 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

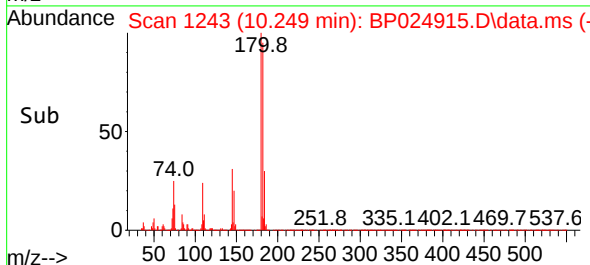
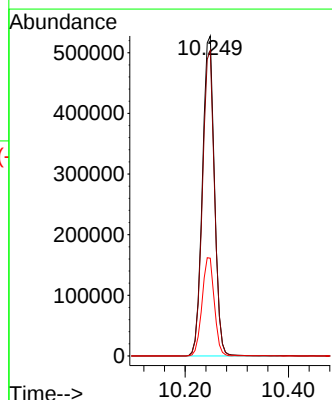
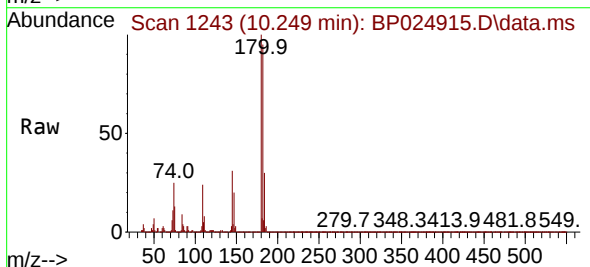
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

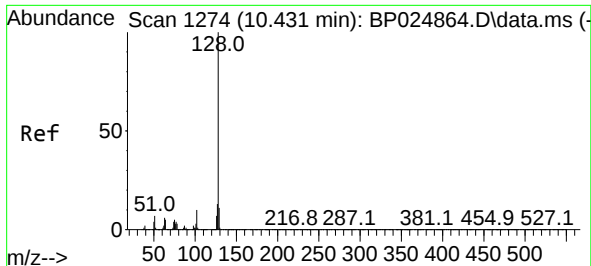
Tgt Ion:162 Resp: 847988
Ion Ratio Lower Upper
162 100
164 65.5 44.0 84.0
98 37.0 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 40.714 ng
RT: 10.249 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:180 Resp: 851137
Ion Ratio Lower Upper
180 100
182 95.5 75.8 113.6
145 30.5 25.7 38.5

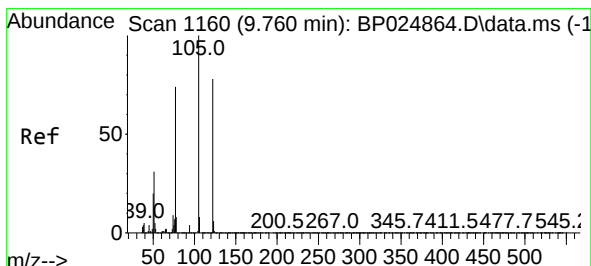
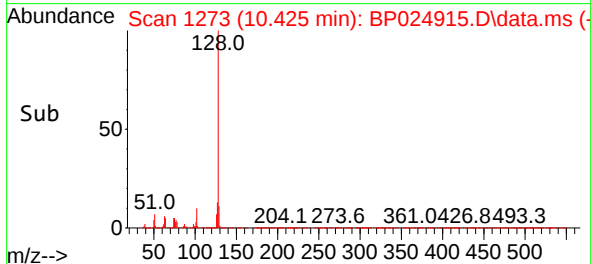
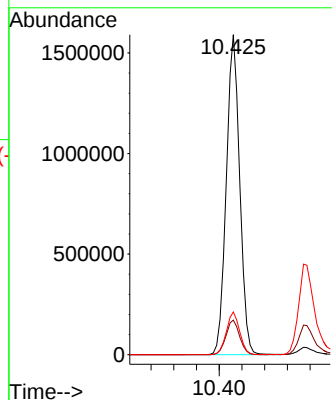
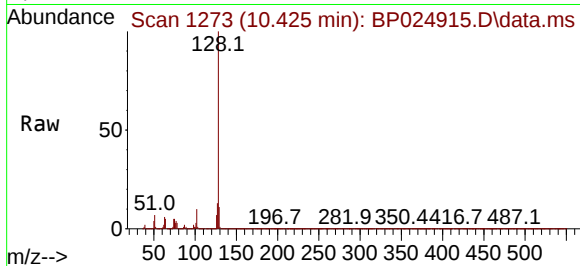




#31
Naphthalene
Concen: 40.706 ng
RT: 10.425 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

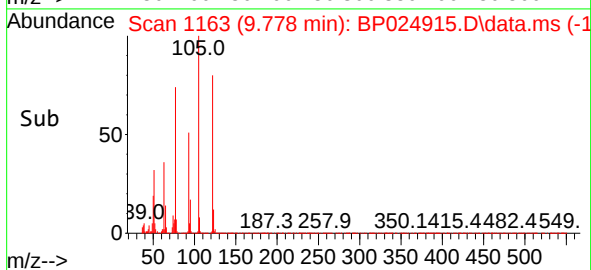
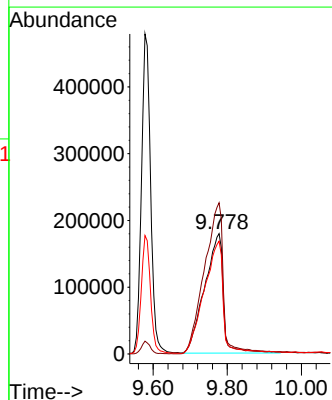
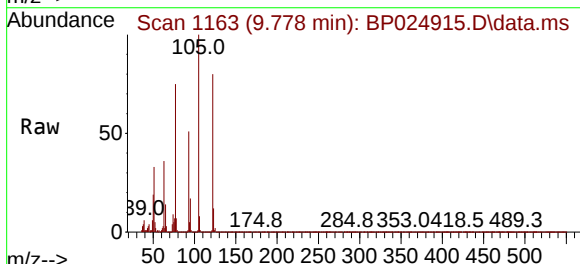
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

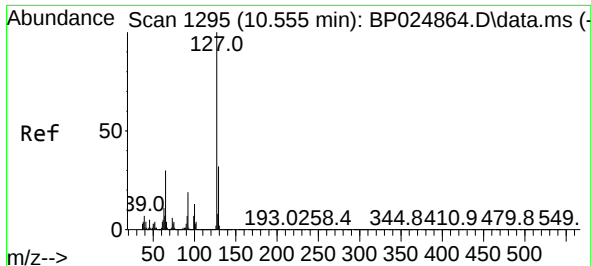
Tgt Ion:128 Resp: 2610174
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 48.261 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:122 Resp: 629975
Ion Ratio Lower Upper
122 100
105 125.7 107.1 147.1
77 93.7 75.1 115.1

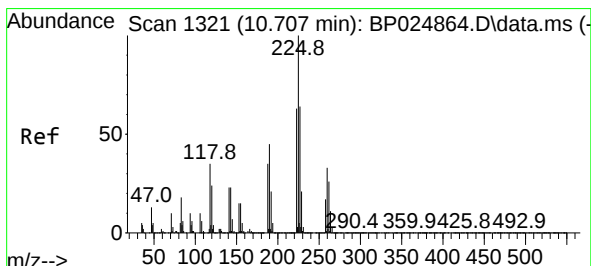
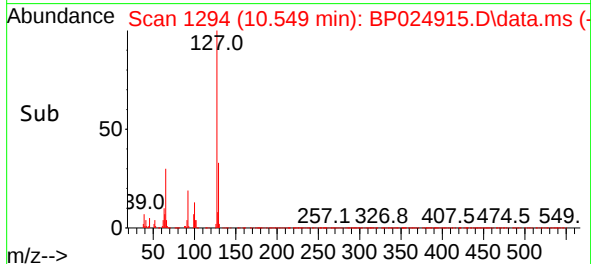
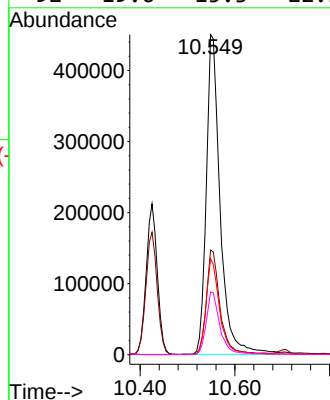
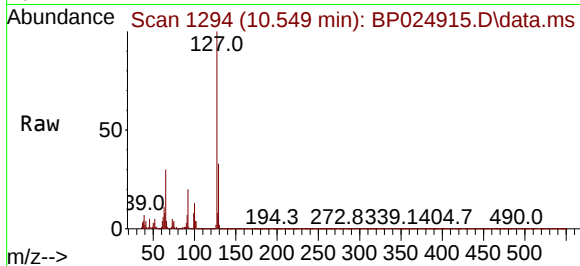




#33
4-Chloroaniline
Concen: 34.042 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

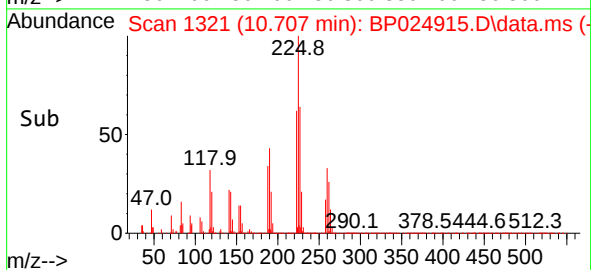
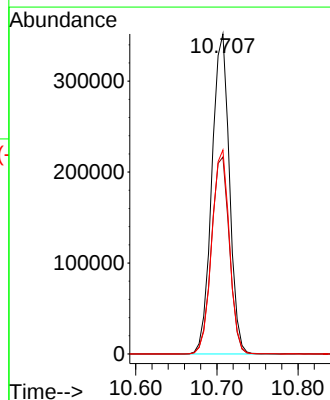
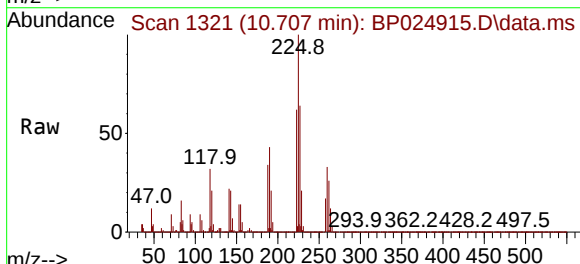
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

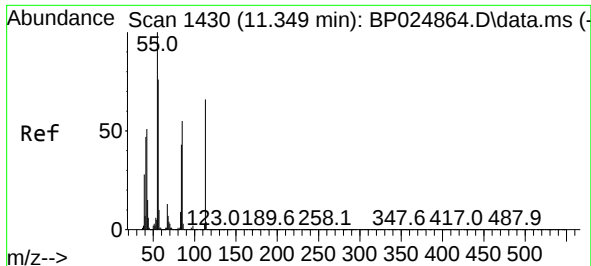
Tgt Ion:	127	Resp:	914522
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	30.0	23.9	35.9
92	19.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.829 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:	225	Resp:	527036
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.5	75.7
227	63.8	51.4	77.2

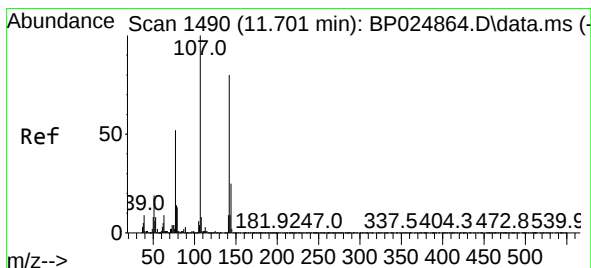
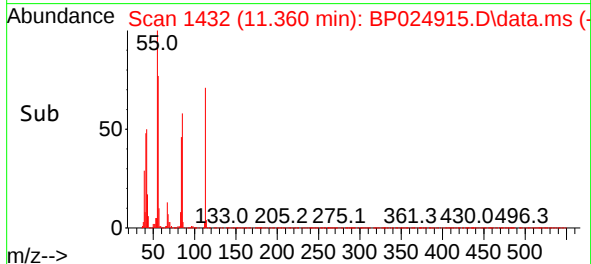
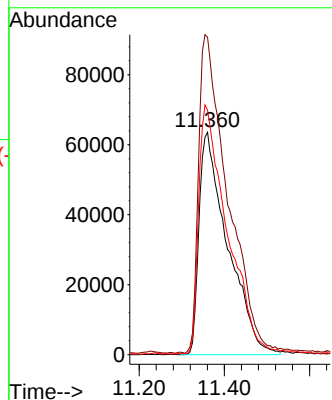
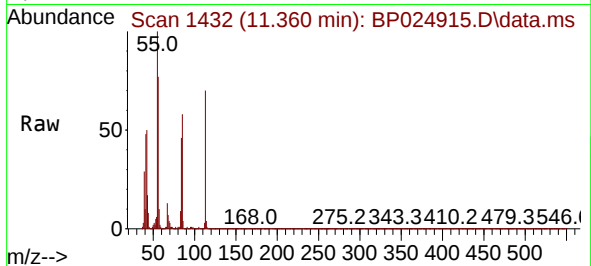




#35
Caprolactam
Concen: 43.191 ng
RT: 11.360 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

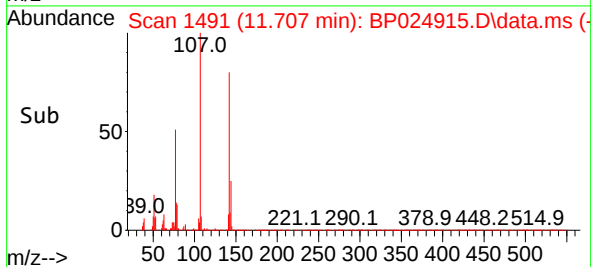
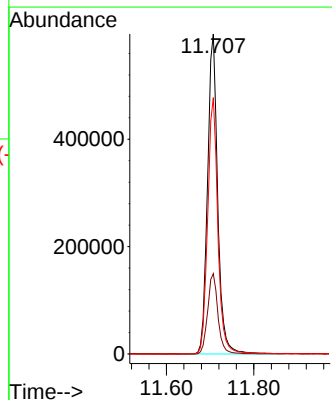
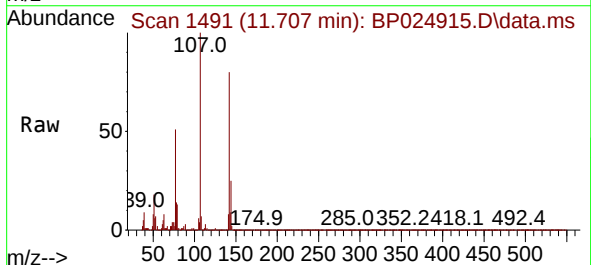
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

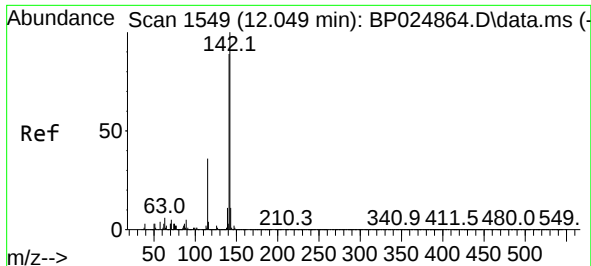
Tgt Ion	Ratio	Lower	Upper
113	100		
55	142.7	132.5	172.5
56	109.9	96.0	136.0



#36
4-Chloro-3-methylphenol
Concen: 45.163 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.4	30.6
142	80.1	63.8	95.6

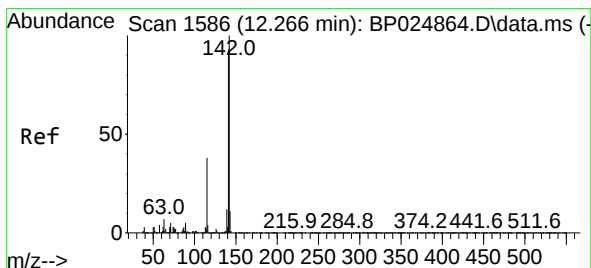
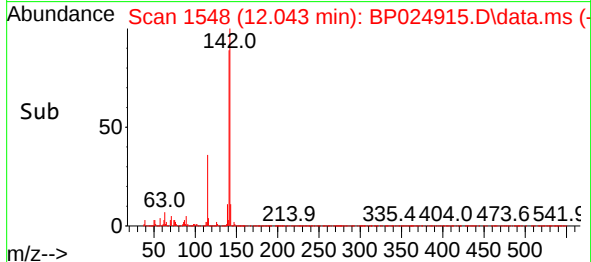
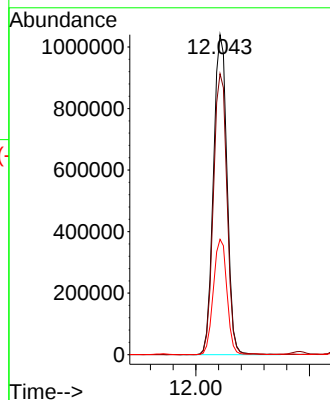
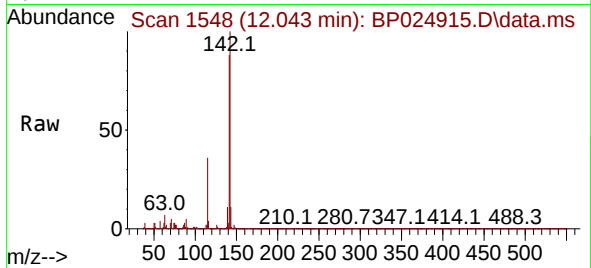




#37
2-Methylnaphthalene
Concen: 42.183 ng
RT: 12.043 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

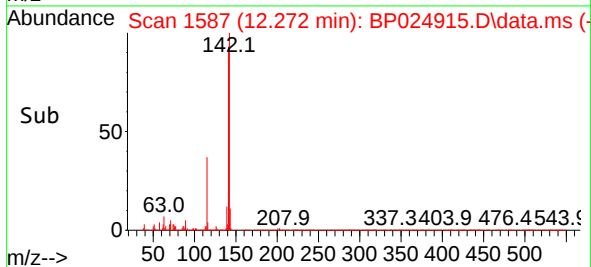
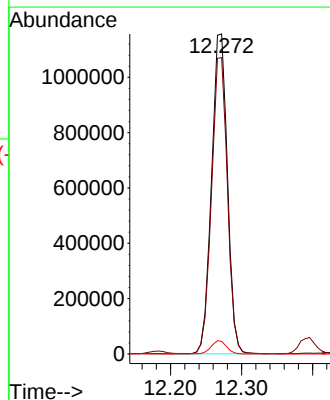
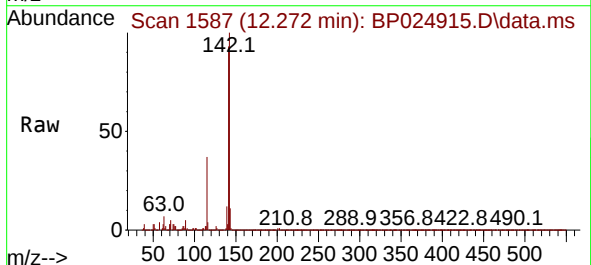
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

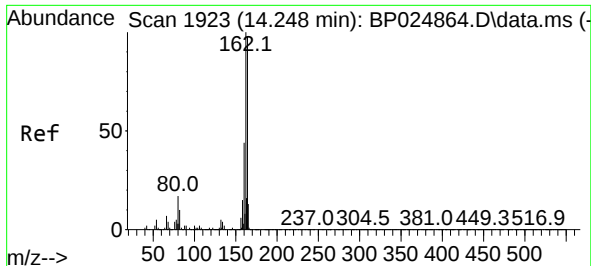
Tgt Ion:142 Resp: 1715766
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8
115 36.0 28.5 42.7



#38
1-Methylnaphthalene
Concen: 41.264 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:142 Resp: 1794357
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 3.9 3.4 5.0

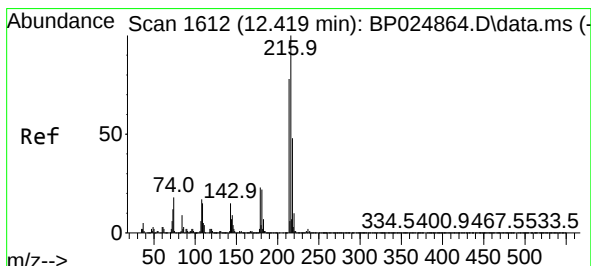
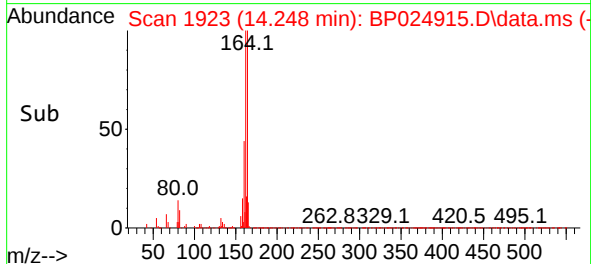
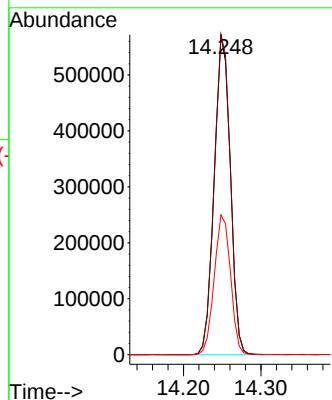
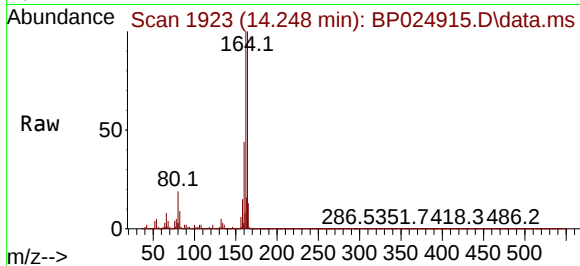




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

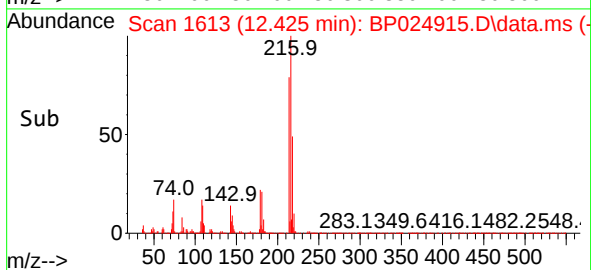
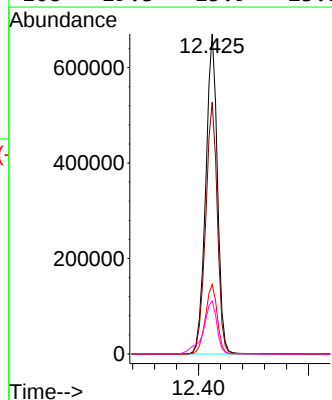
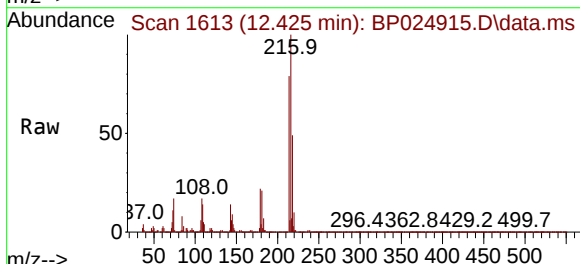
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

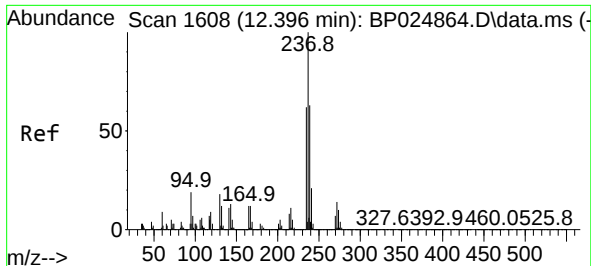
Tgt Ion:164 Resp: 822618
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 43.9 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.240 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:216 Resp: 985966
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 22.0 17.8 26.6
108 19.3 15.9 23.9

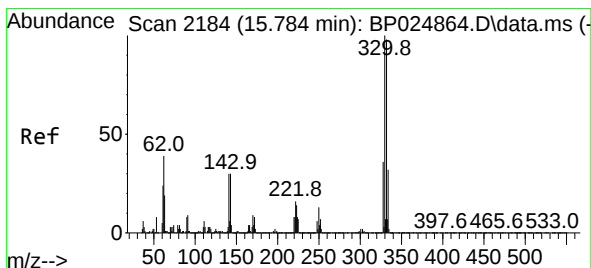
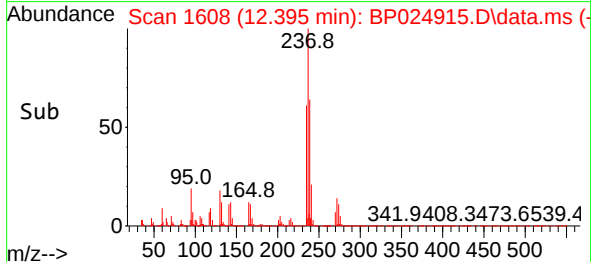
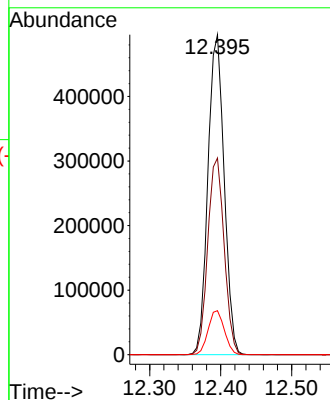
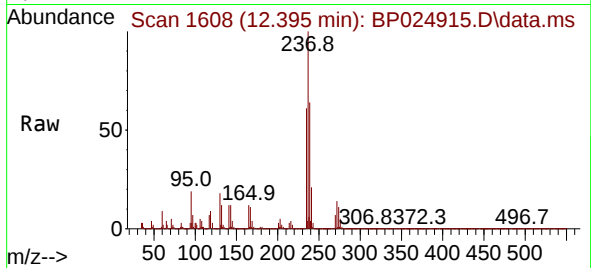




#41
Hexachlorocyclopentadiene
Concen: 55.328 ng
RT: 12.395 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

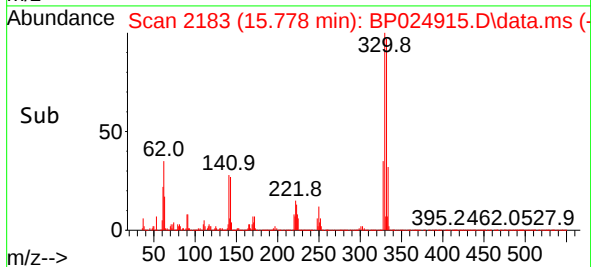
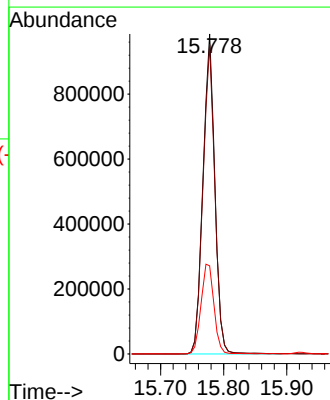
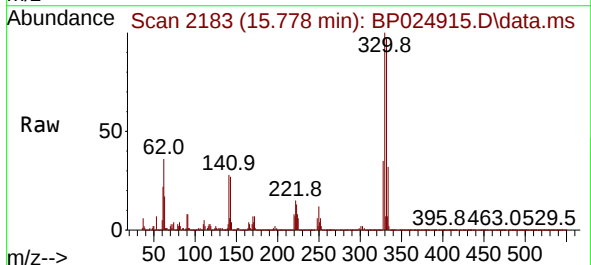
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

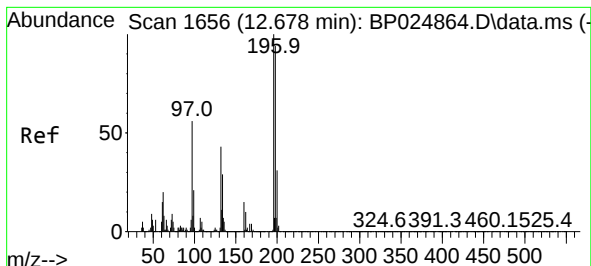
Tgt Ion:237 Resp: 787722
Ion Ratio Lower Upper
237 100
235 61.5 41.9 81.9
272 13.8 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 112.840 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:330 Resp: 1283345
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 30.7 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 45.330 ng

RT: 12.678 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

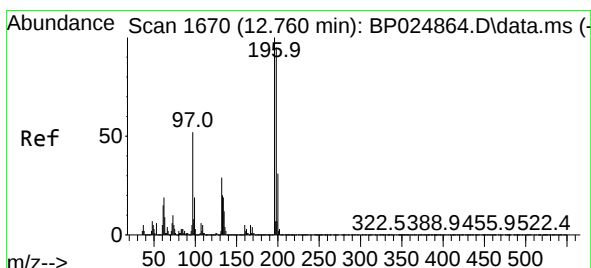
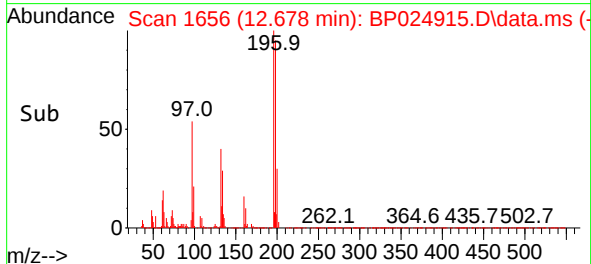
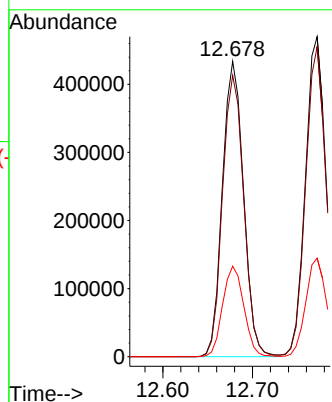
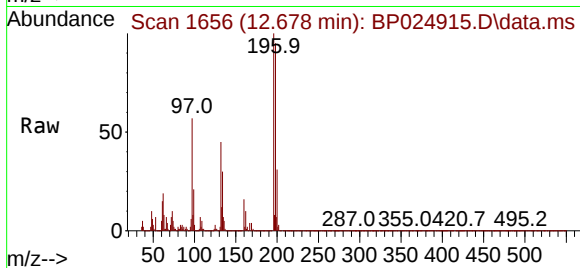
Tgt Ion:196 Resp: 710578

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

200 30.7 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 47.273 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Tgt Ion:196 Resp: 793615

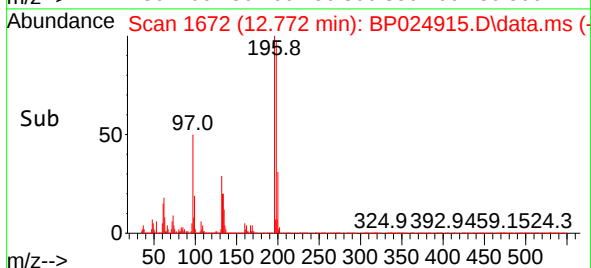
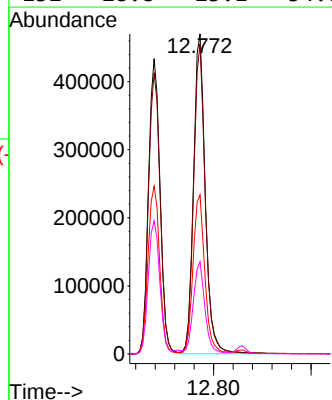
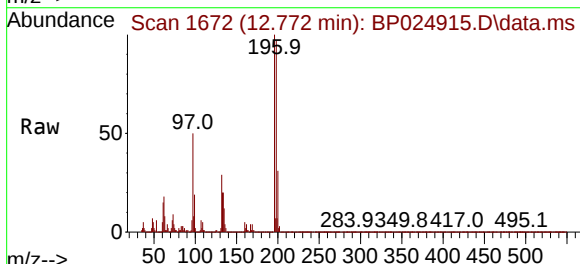
Ion Ratio Lower Upper

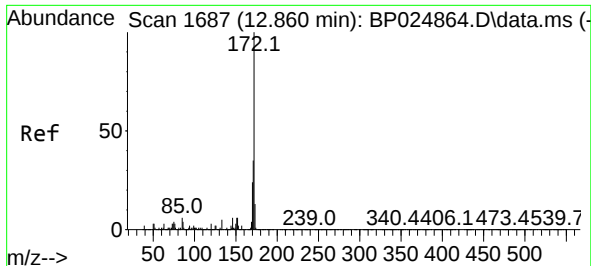
196 100

198 96.9 76.0 114.0

97 49.7 41.5 62.3

132 28.8 23.1 34.7

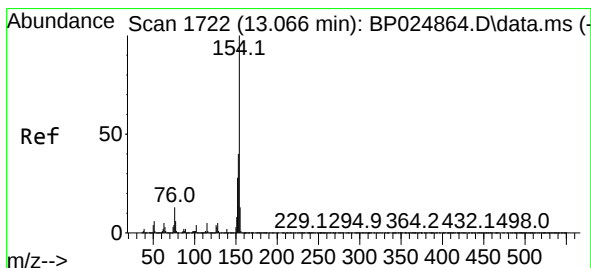
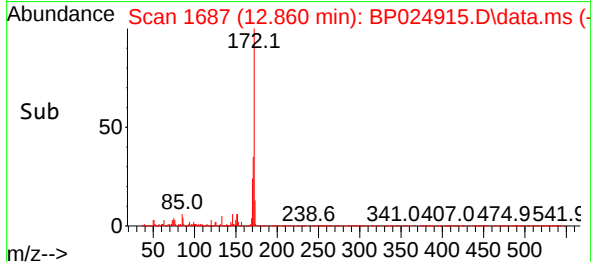
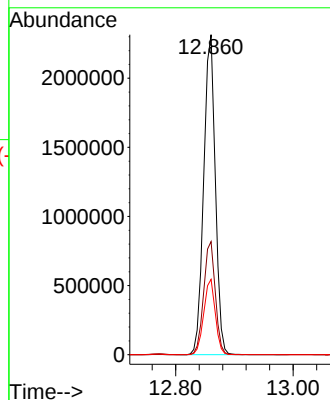
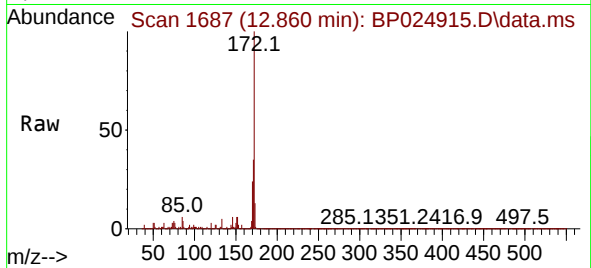




#45
2-Fluorobiphenyl
Concen: 52.305 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

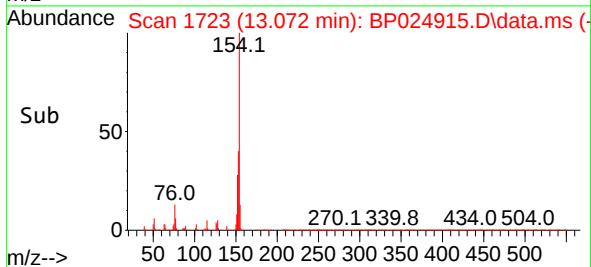
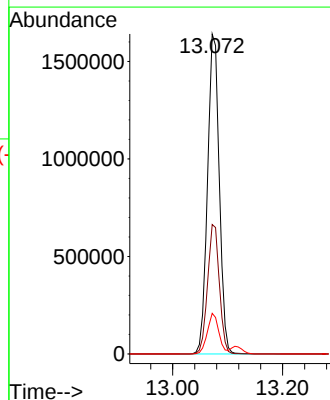
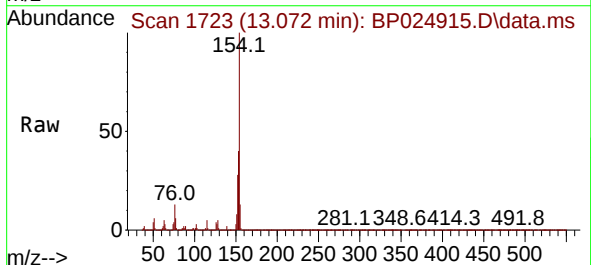
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

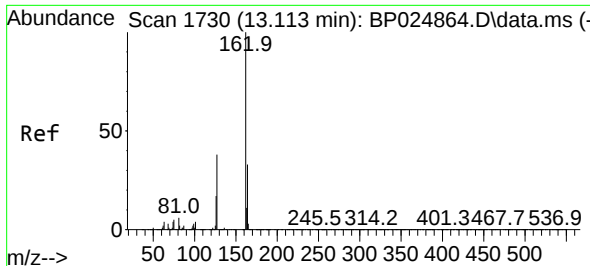
Tgt Ion:172 Resp: 3193974
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.590 ng
RT: 13.072 min Scan# 1723
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:154 Resp: 2426562
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.7 0.0 33.0

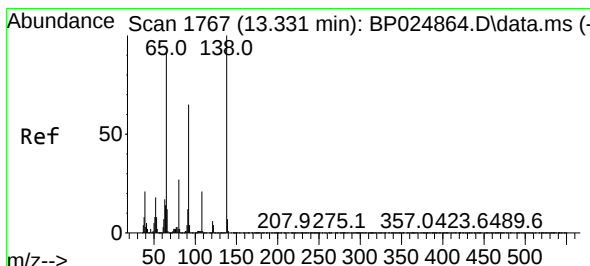
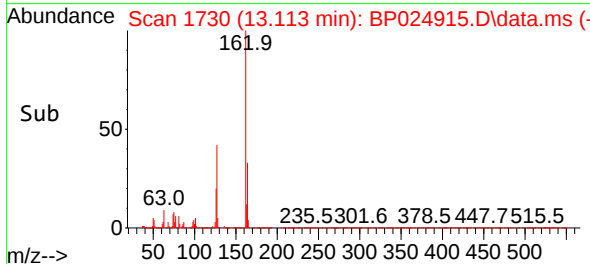
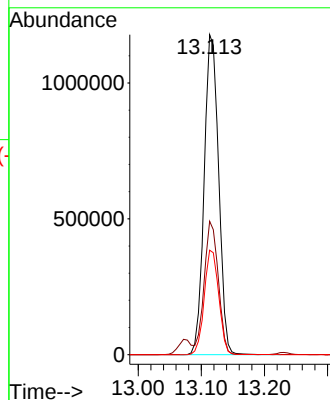
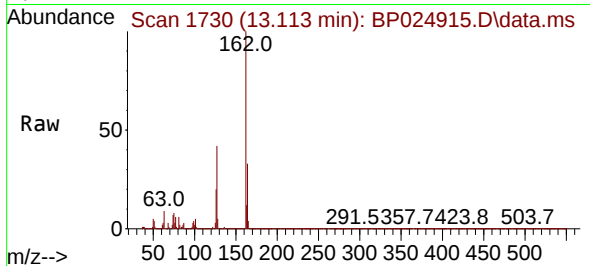




#47
2-Chloronaphthalene
Concen: 40.901 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

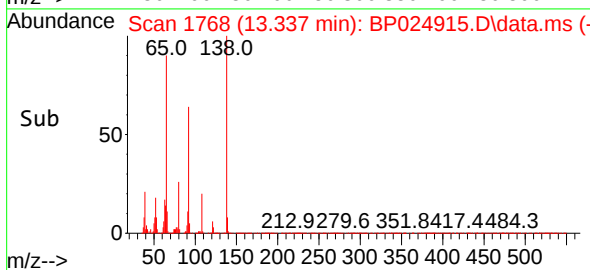
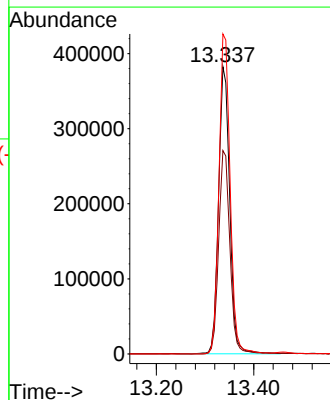
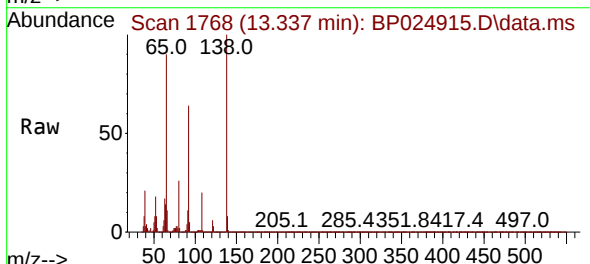
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

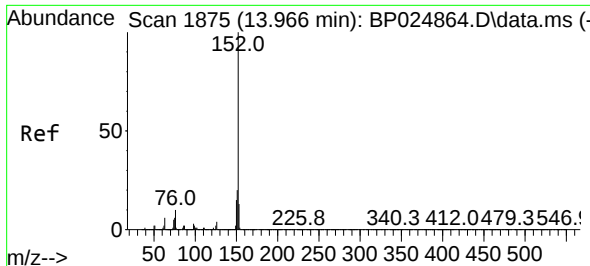
Tgt Ion:162 Resp: 1879274
Ion Ratio Lower Upper
162 100
127 41.7 32.5 48.7
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 43.055 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 65 Resp: 608188
Ion Ratio Lower Upper
65 100
92 70.8 56.8 85.2
138 111.4 86.9 130.3

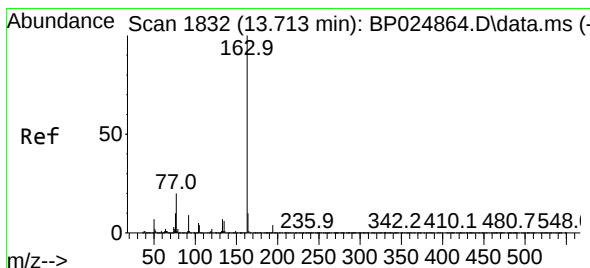
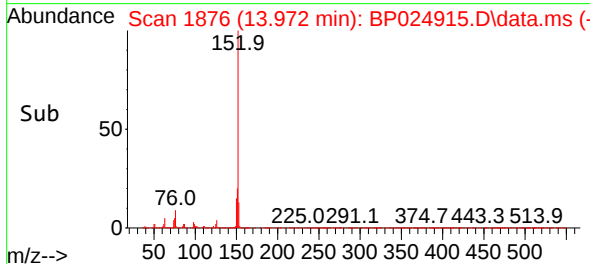
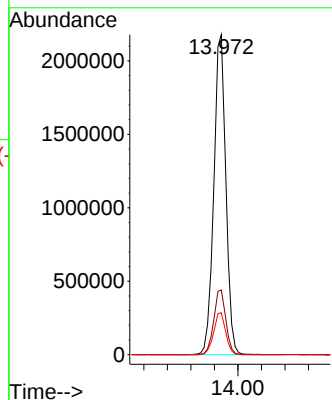
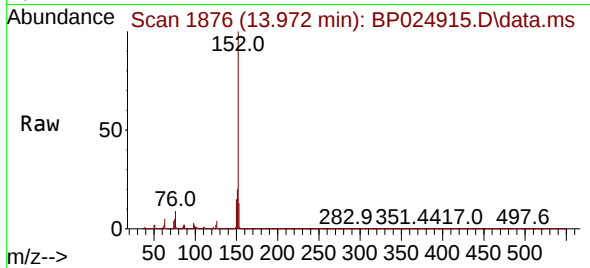




#49
Acenaphthylene
Concen: 40.433 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

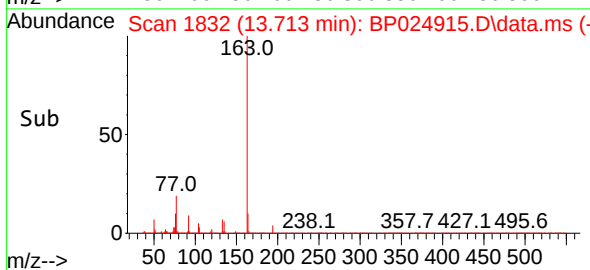
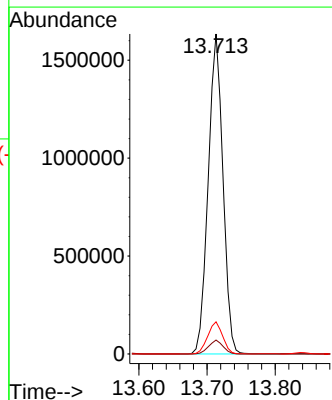
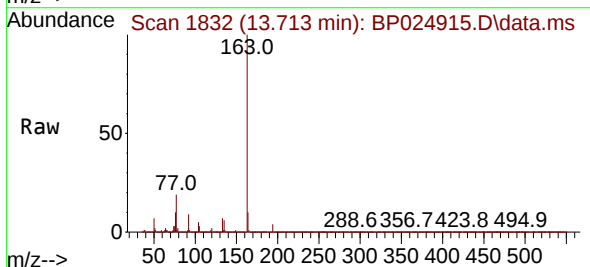
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

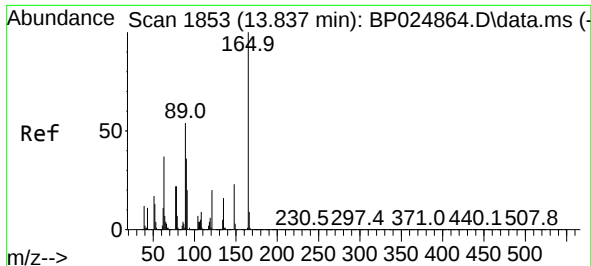
Tgt Ion:152 Resp: 3097605
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 40.509 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:163 Resp: 2458193
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.0 8.0 12.0

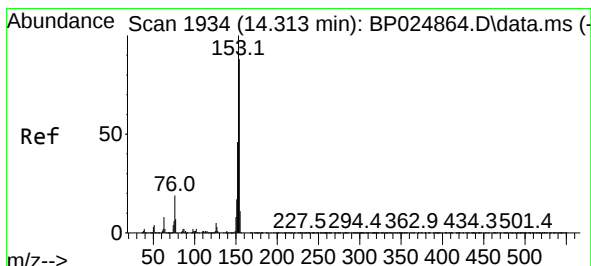
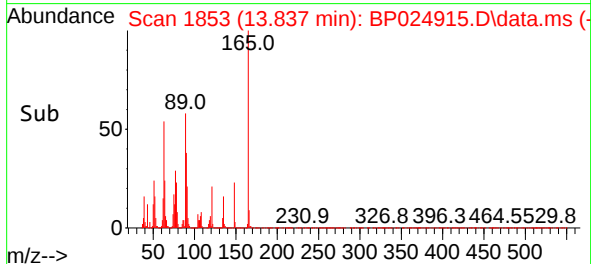
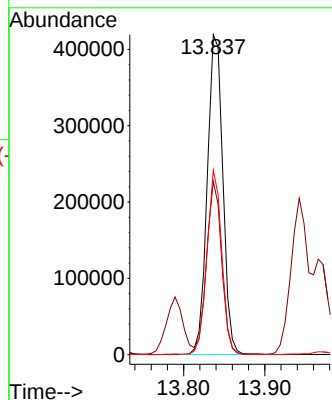
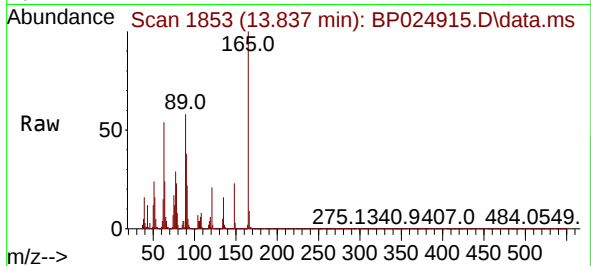




#51
2,6-Dinitrotoluene
Concen: 42.614 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

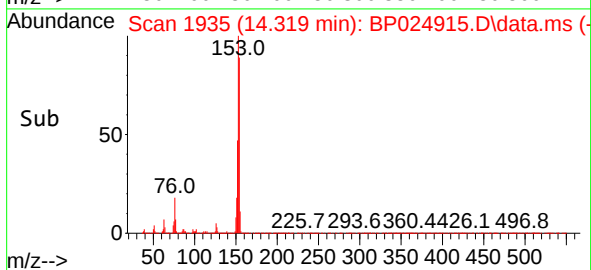
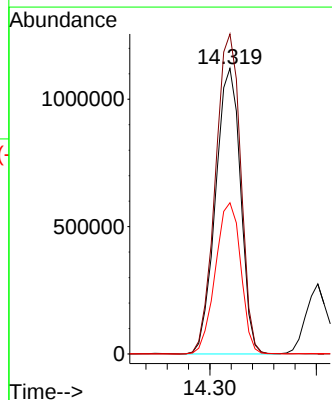
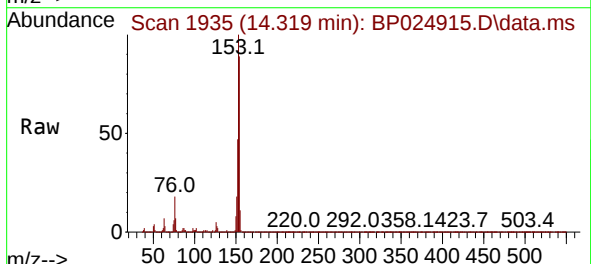
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

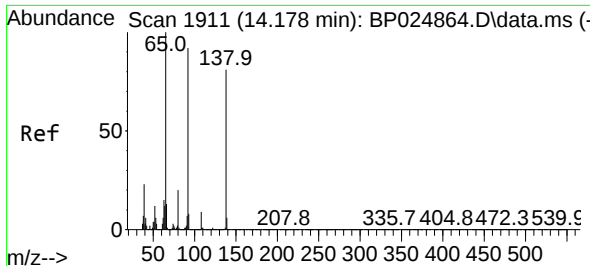
Tgt Ion:165 Resp: 557475
Ion Ratio Lower Upper
165 100
63 54.1 41.8 62.8
89 57.7 43.1 64.7



#52
Acenaphthene
Concen: 41.619 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:154 Resp: 1827096
Ion Ratio Lower Upper
154 100
153 112.1 90.5 135.7
152 53.0 42.1 63.1

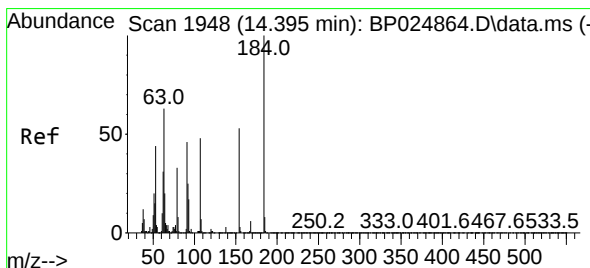
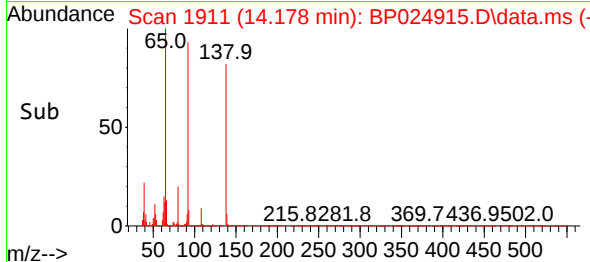
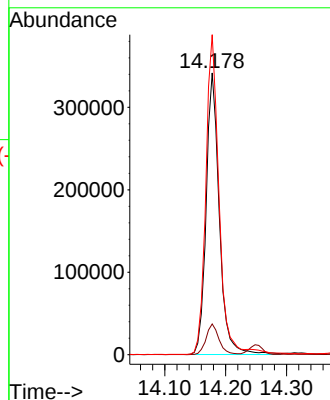
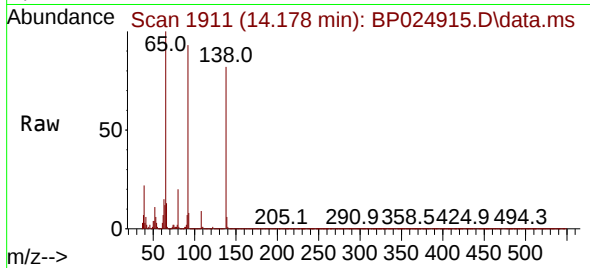




#53
3-Nitroaniline
Concen: 37.834 ng
RT: 14.178 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

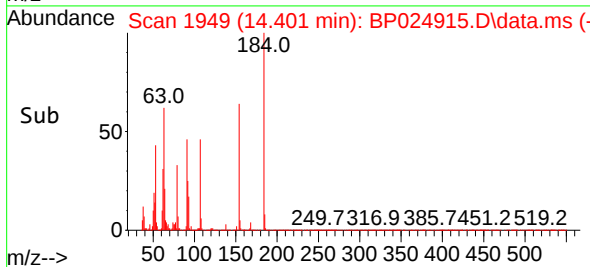
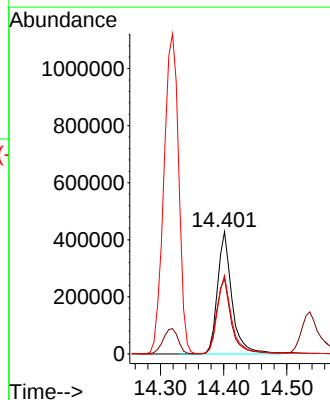
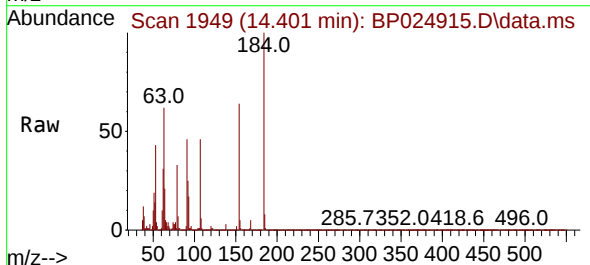
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

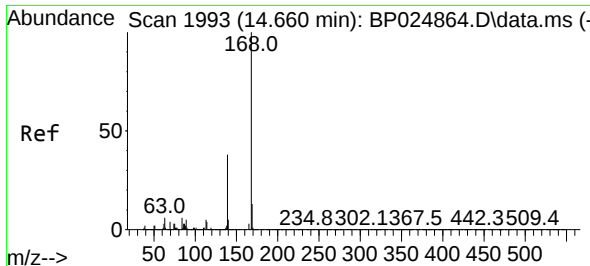
Tgt Ion:138 Resp: 513630
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 113.6 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 79.802 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:184 Resp: 679664
Ion Ratio Lower Upper
184 100
63 61.7 51.0 76.4
154 64.2 51.7 77.5

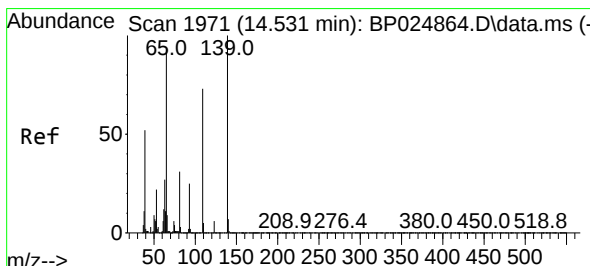
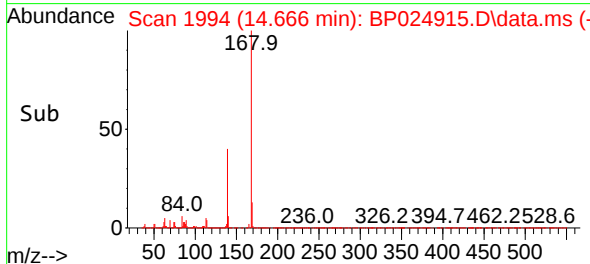
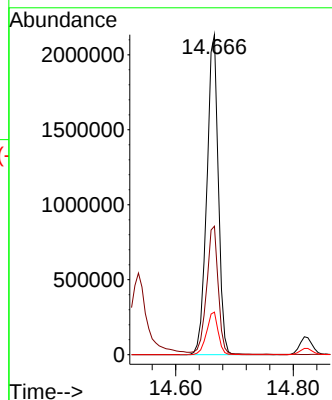
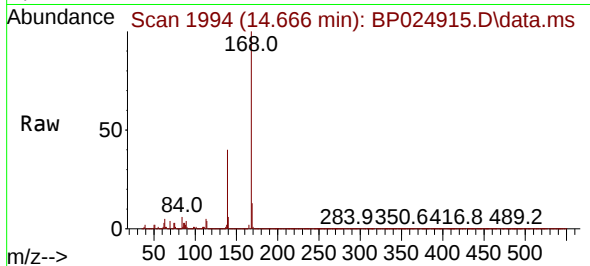




#55
Dibenzofuran
Concen: 40.852 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

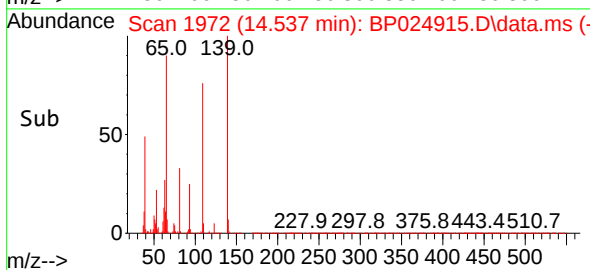
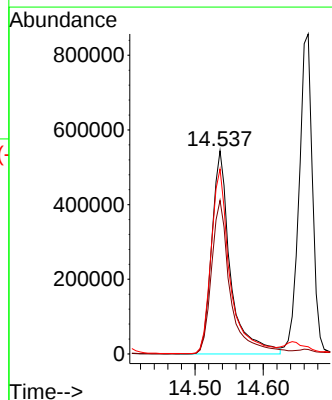
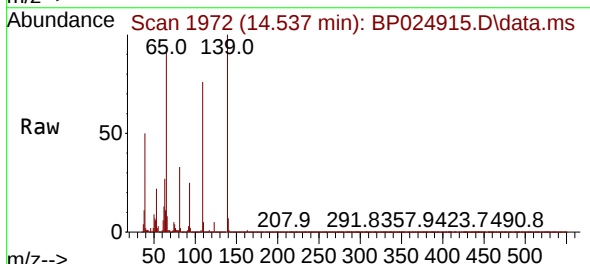
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

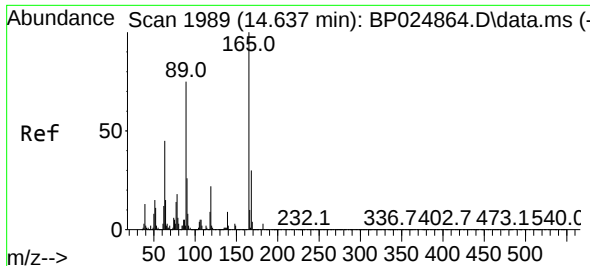
Tgt Ion:168 Resp: 2878720
Ion Ratio Lower Upper
168 100
139 40.2 31.6 47.4
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 89.481 ng
RT: 14.537 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:139 Resp: 1036333
Ion Ratio Lower Upper
139 100
109 75.6 53.1 93.1
65 91.1 73.0 113.0

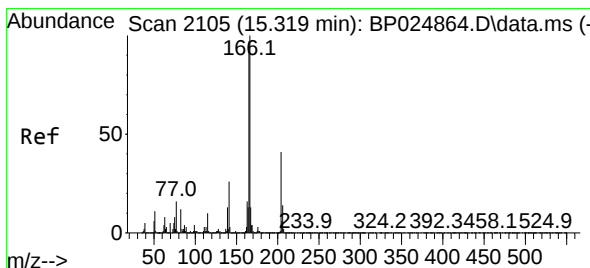
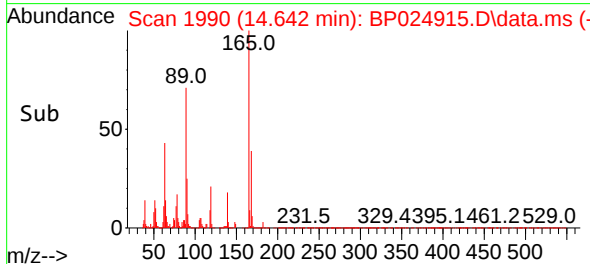
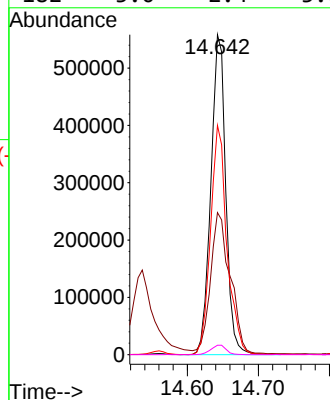
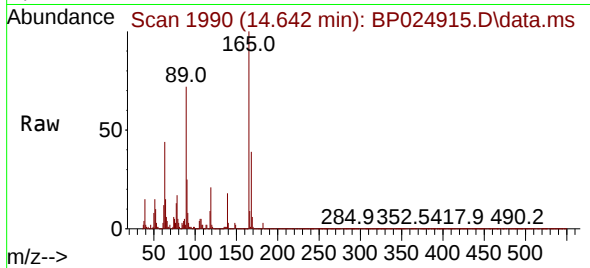




#57
2,4-Dinitrotoluene
Concen: 44.415 ng
RT: 14.642 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

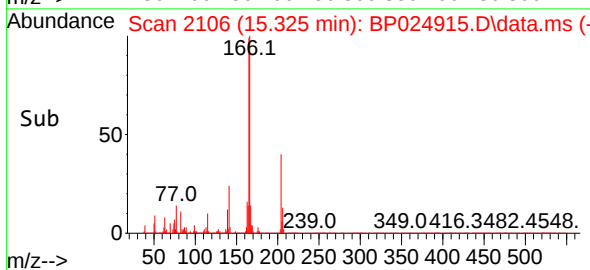
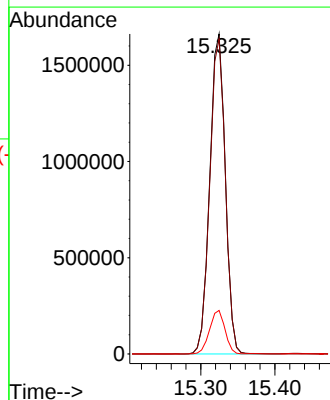
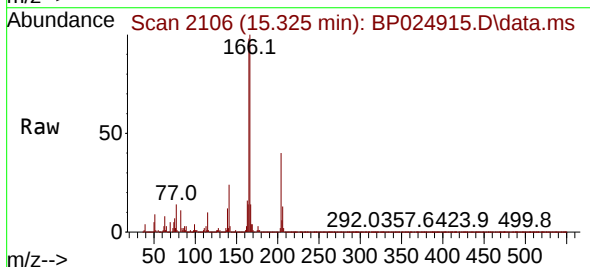
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

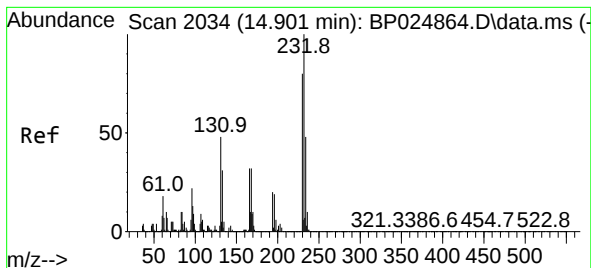
Tgt Ion:165 Resp: 812771
Ion Ratio Lower Upper
165 100
63 44.4 37.0 55.6
89 71.7 60.1 90.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 42.480 ng
RT: 15.325 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:166 Resp: 2418211
Ion Ratio Lower Upper
166 100
165 98.5 77.7 116.5
167 13.6 10.6 16.0

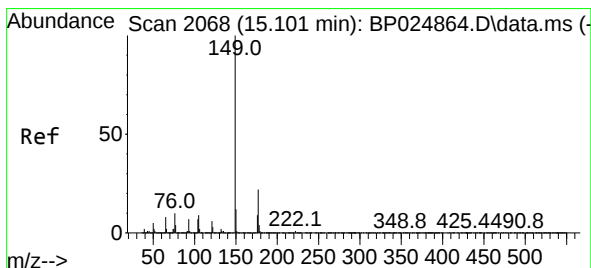
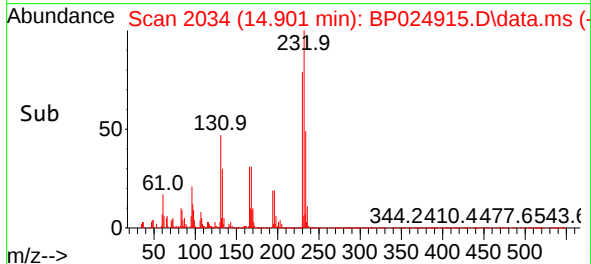
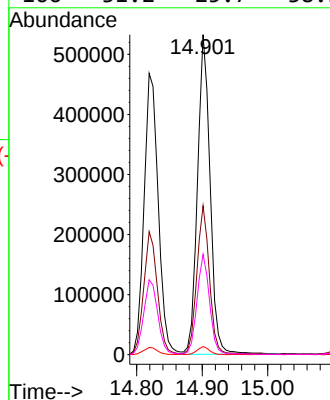
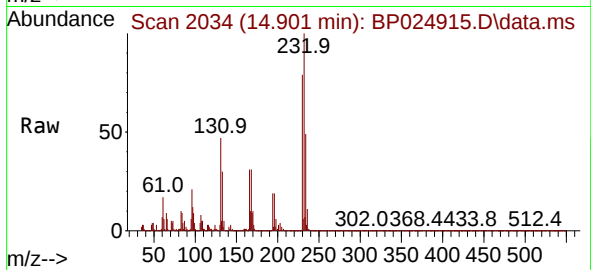




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.622 ng
RT: 14.901 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

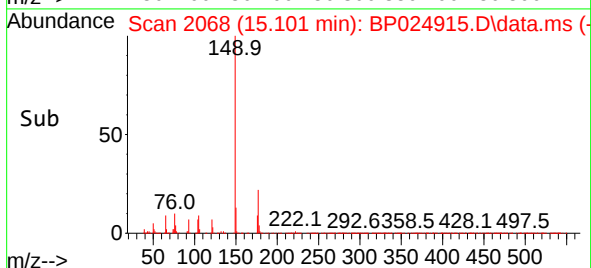
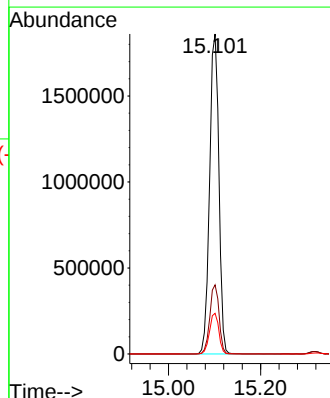
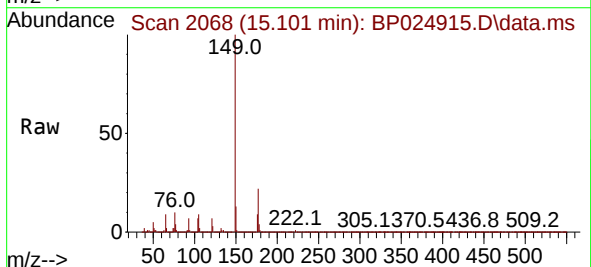
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

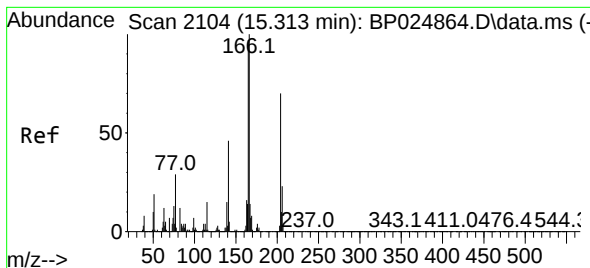
Tgt Ion:232 Resp: 714316
Ion Ratio Lower Upper
232 100
131 46.4 38.2 57.2
130 2.4 2.1 3.1
166 31.2 25.7 38.5



#60
Diethylphthalate
Concen: 43.253 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:149 Resp: 2615853
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.7 9.8 14.6

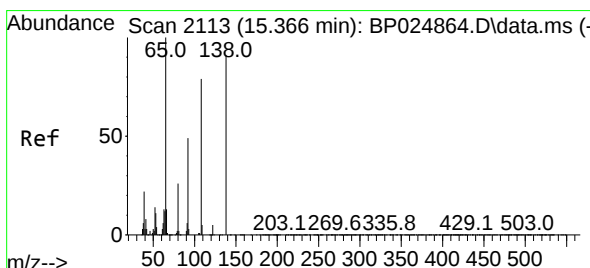
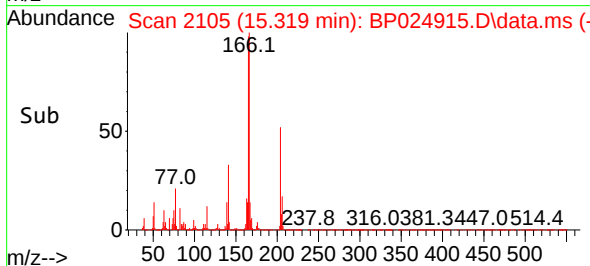
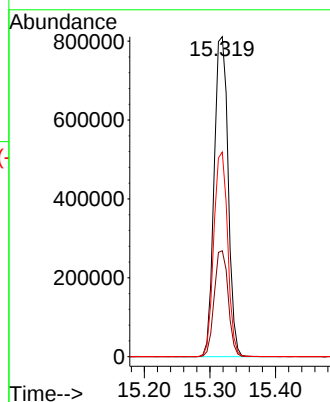
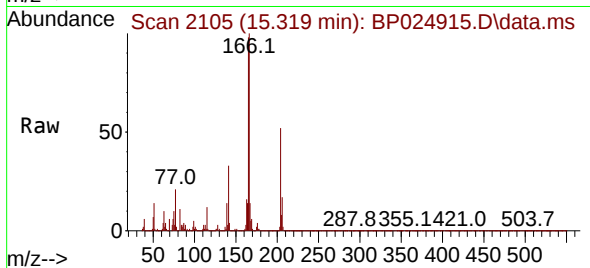




#61
4-Chlorophenyl-phenylether
Concen: 43.044 ng
RT: 15.319 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

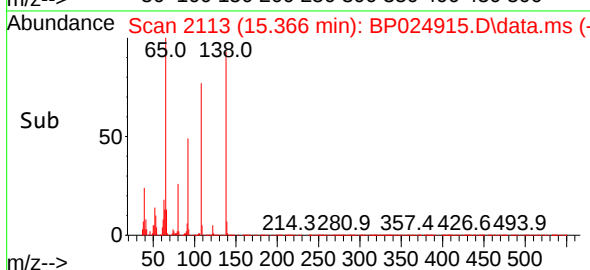
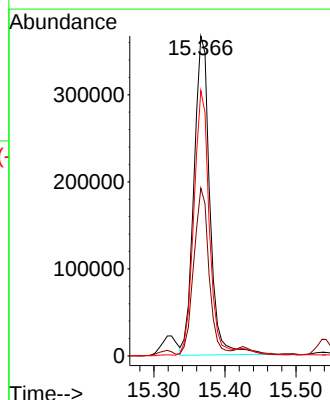
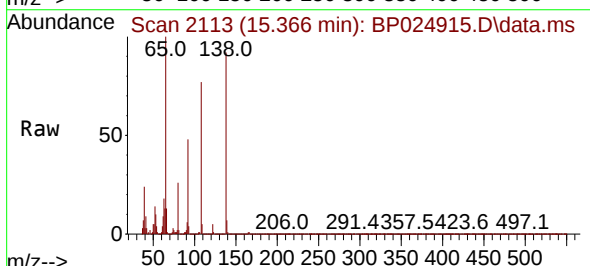
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

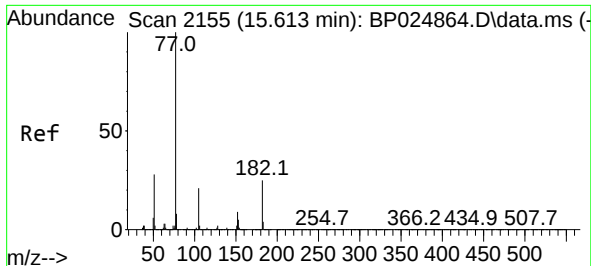
Tgt Ion:204 Resp: 1198086
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 64.0 52.4 78.6



#62
4-Nitroaniline
Concen: 46.389 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:138 Resp: 571030
Ion Ratio Lower Upper
138 100
92 52.4 33.5 73.5
108 82.9 65.1 105.1



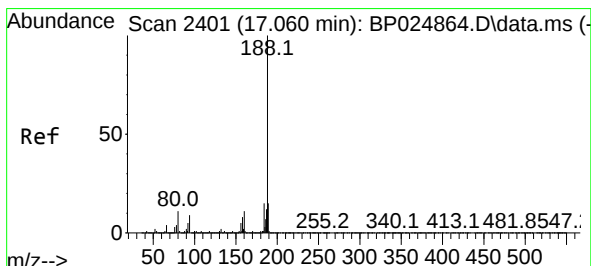
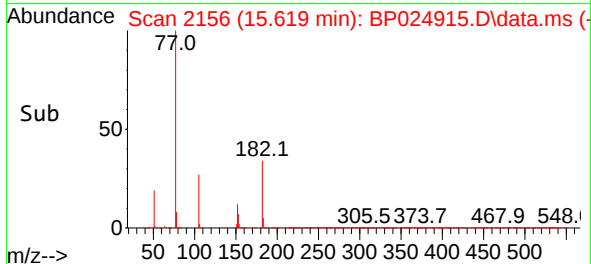
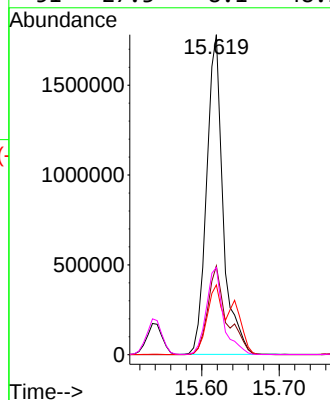
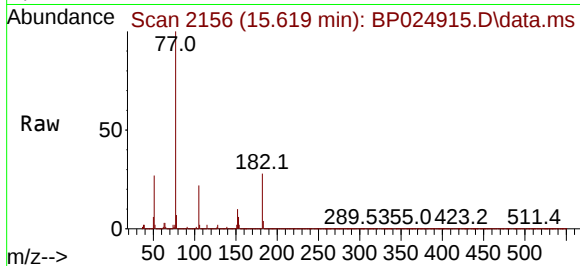


#63
Azobenzene
Concen: 47.219 ng
RT: 15.619 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

Tgt Ion: 77 Resp: 2619063

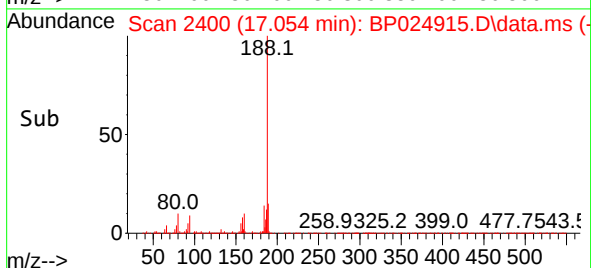
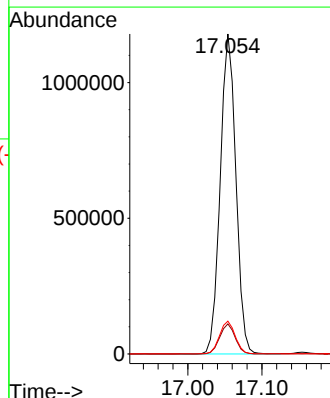
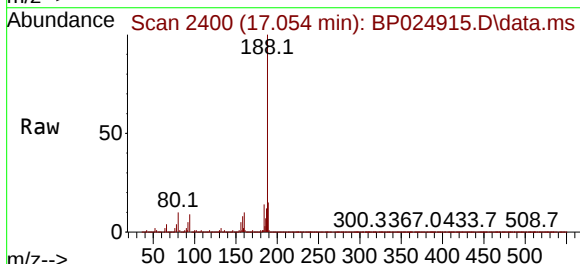
Ion	Ratio	Lower	Upper
77	100		
182	27.7	5.4	45.4
105	21.8	0.8	40.8
51	27.3	8.1	48.1

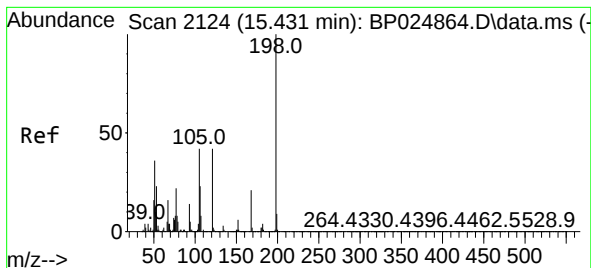


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion: 188 Resp: 1726965

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.3	10.9
80	10.3	8.5	12.7

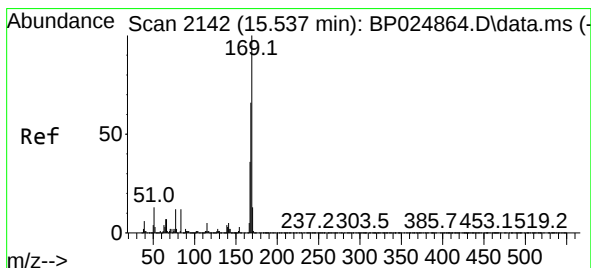
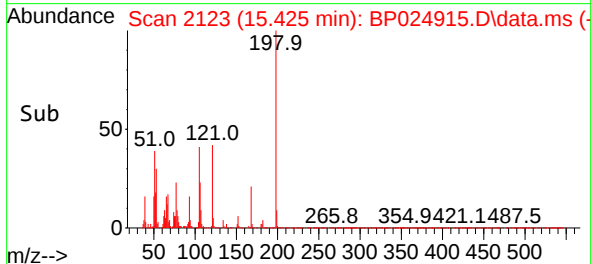
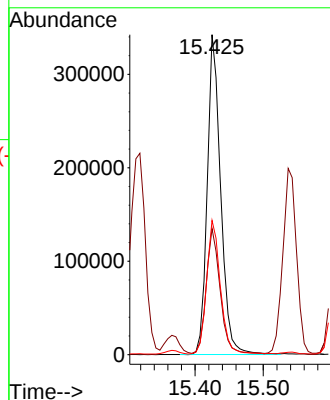
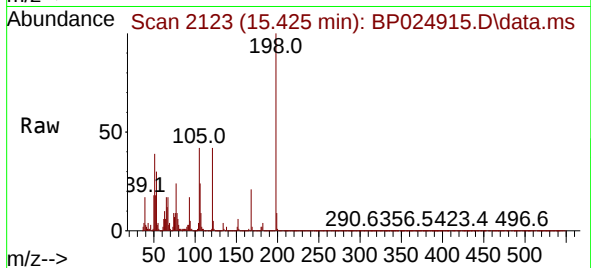




#65
4,6-Dinitro-2-methylphenol
Concen: 41.482 ng
RT: 15.425 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

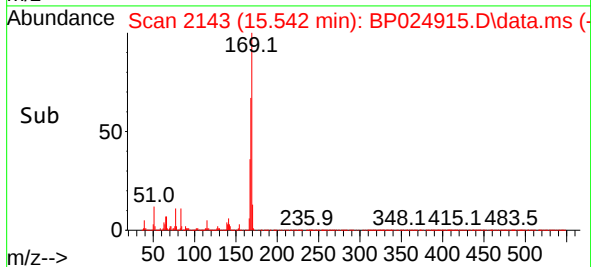
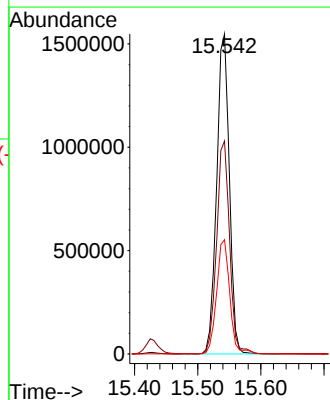
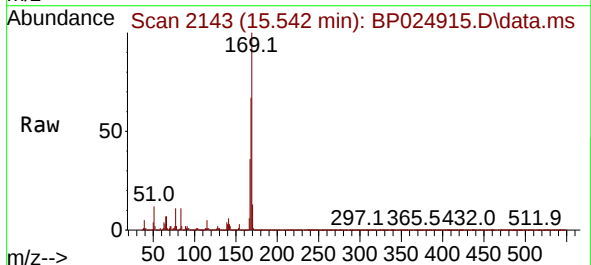
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

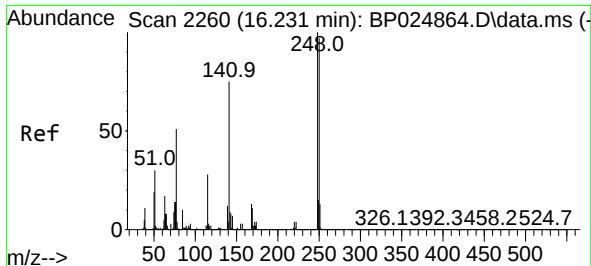
Tgt Ion:198 Resp: 470723
Ion Ratio Lower Upper
198 100
51 39.4 19.2 59.2
105 42.0 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 40.231 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:169 Resp: 2153479
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 35.7 28.6 43.0

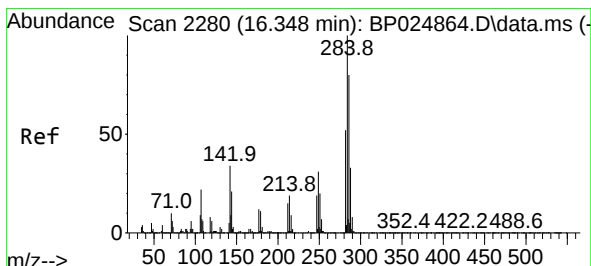
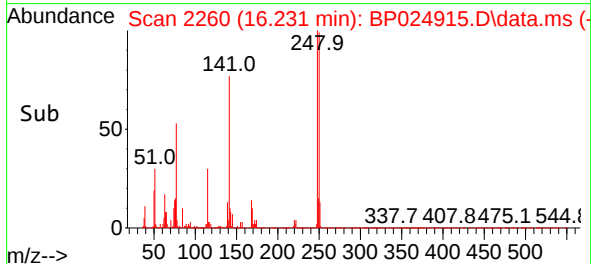
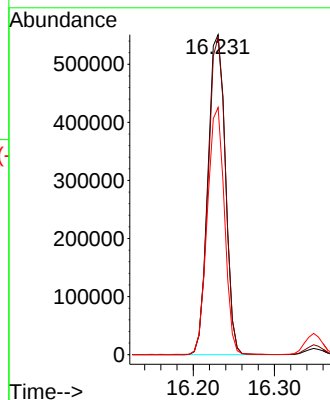
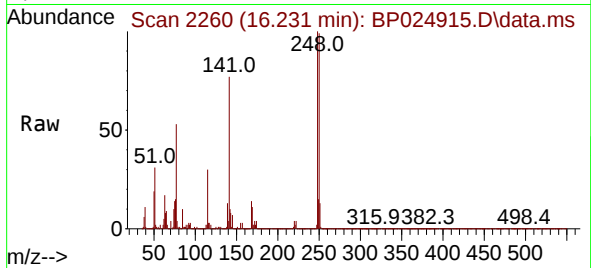




#67
4-Bromophenyl-phenylether
Concen: 42.161 ng
RT: 16.231 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

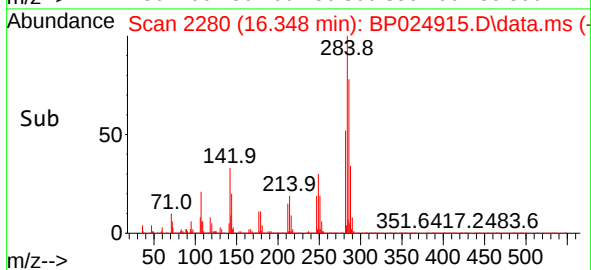
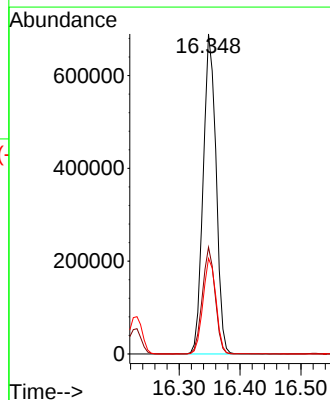
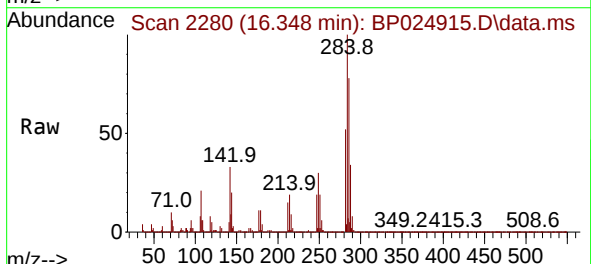
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

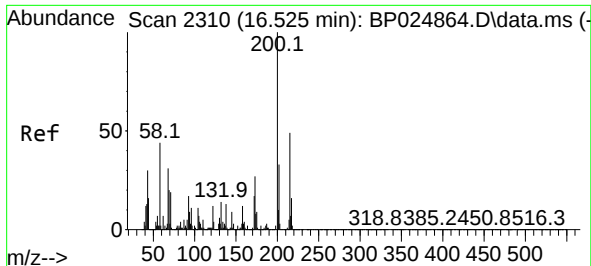
Tgt Ion:248 Resp: 821550
Ion Ratio Lower Upper
248 100
250 99.1 77.4 116.2
141 77.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 42.982 ng
RT: 16.348 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:284 Resp: 1015332
Ion Ratio Lower Upper
284 100
142 33.4 27.0 40.6
249 29.8 25.0 37.6

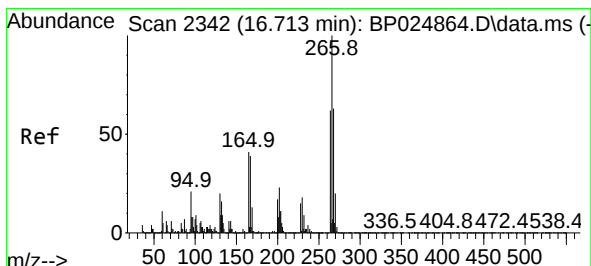
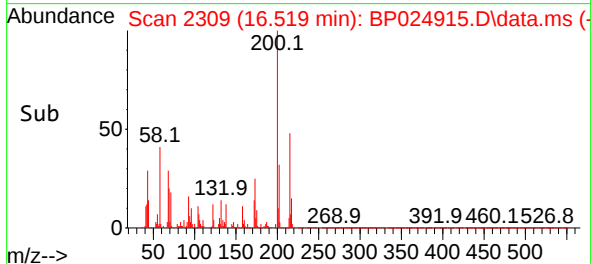
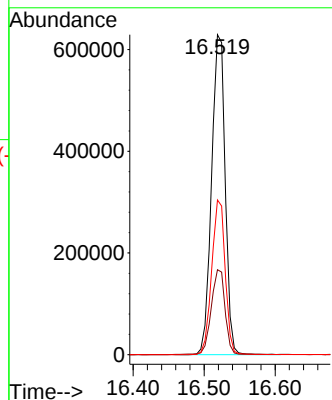
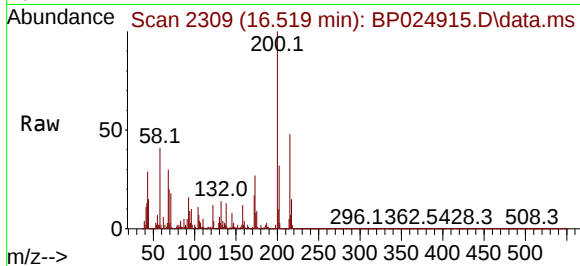




#69
Atrazine
Concen: 43.140 ng
RT: 16.519 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

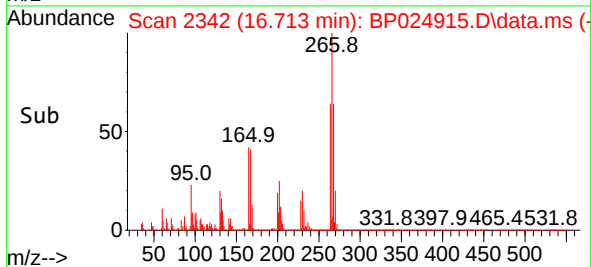
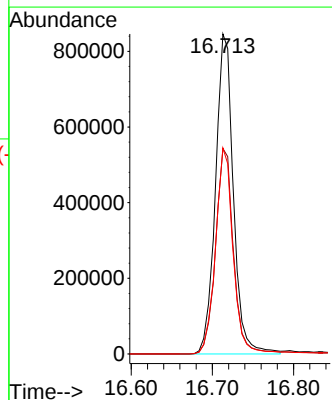
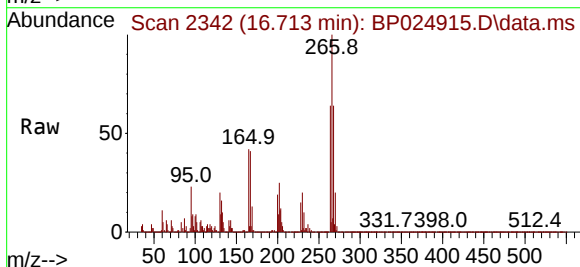
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

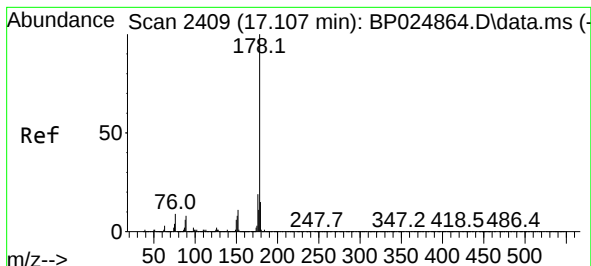
Tgt Ion:200 Resp: 837121
Ion Ratio Lower Upper
200 100
173 26.5 6.9 46.9
215 48.4 28.7 68.7



#70
Pentachlorophenol
Concen: 106.064 ng
RT: 16.713 min Scan# 2342
Delta R.T. -0.000 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:266 Resp: 1296721
Ion Ratio Lower Upper
266 100
268 64.2 50.6 76.0
264 64.3 49.7 74.5





#71

Phenanthrene

Concen: 41.381 ng

RT: 17.101 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

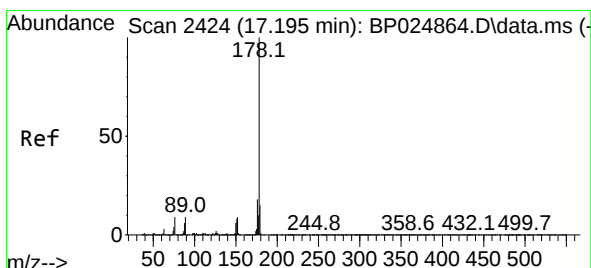
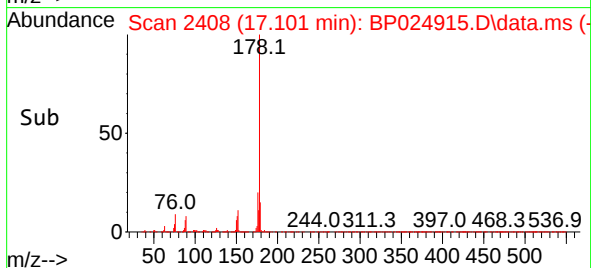
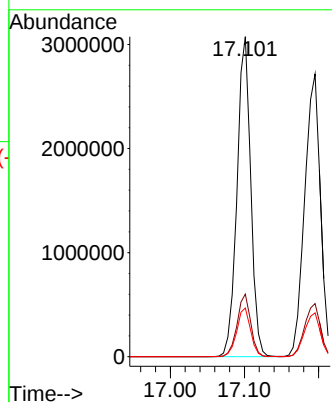
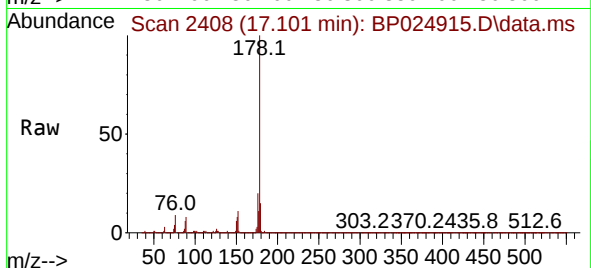
Tgt Ion:178 Resp: 3949146

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.2 12.1 18.1



#72

Anthracene

Concen: 41.553 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

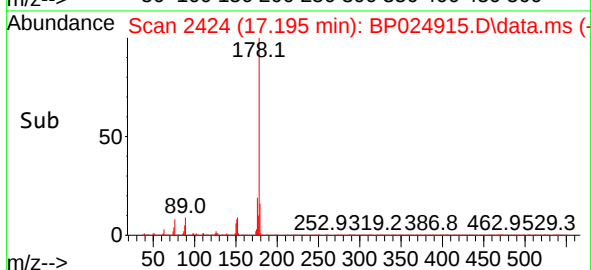
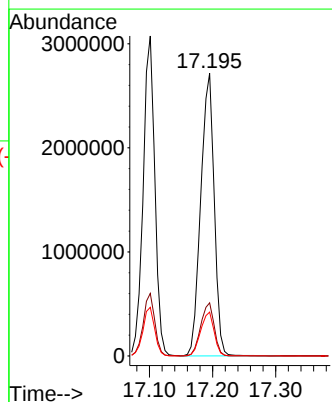
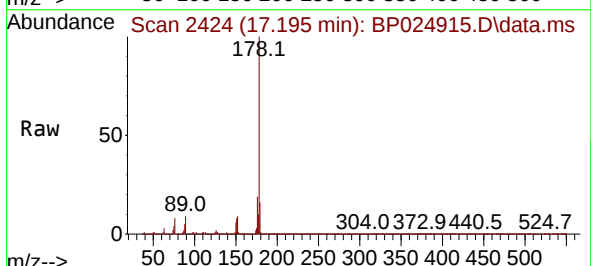
Tgt Ion:178 Resp: 4016208

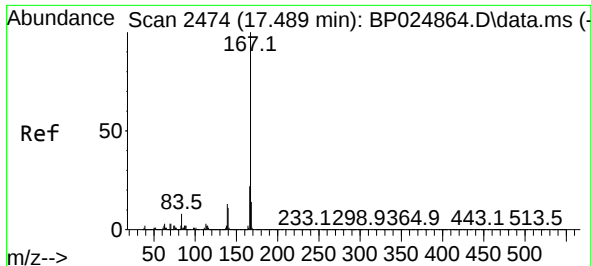
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

179 15.5 12.3 18.5

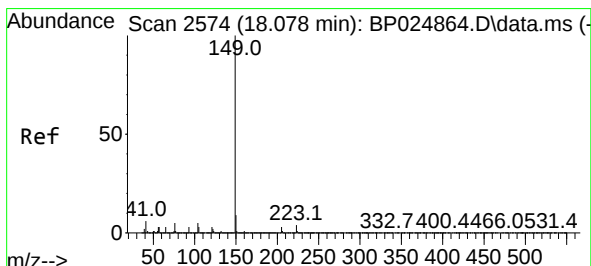
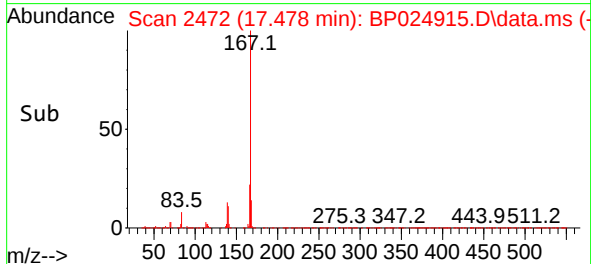
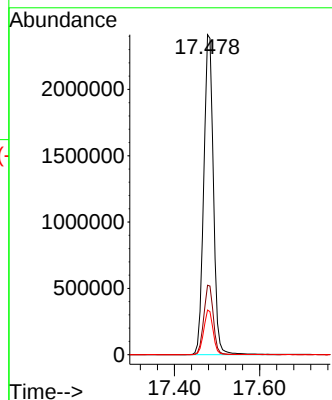
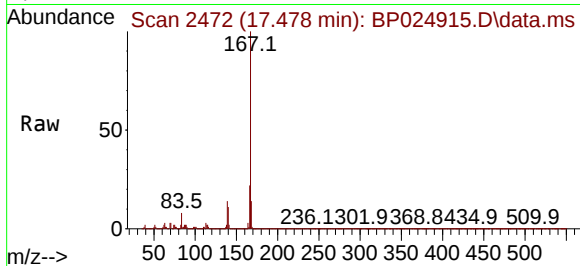




#73
 Carbazole
 Concen: 42.115 ng
 RT: 17.478 min Scan# 2474
 Delta R.T. -0.012 min
 Lab File: BP024915.D
 Acq: 11 Jun 2025 17:05

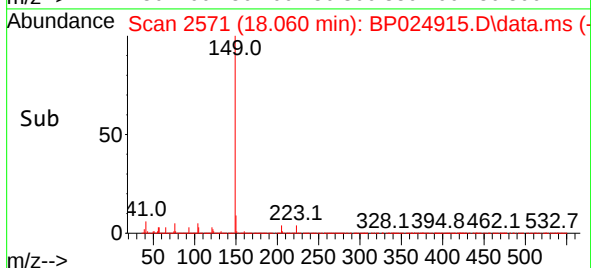
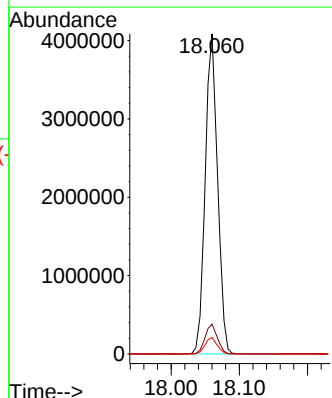
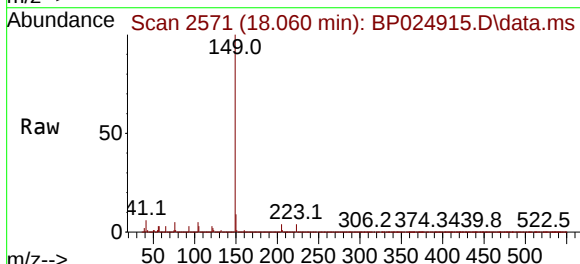
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHCMS

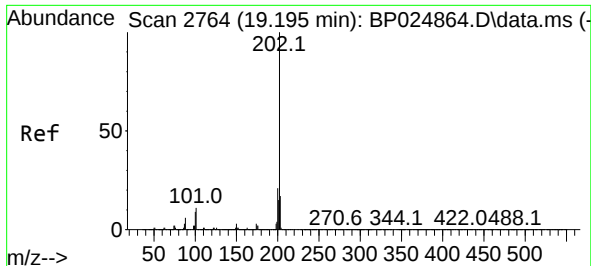
Tgt Ion:167 Resp: 3773035
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 14.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.308 ng
 RT: 18.060 min Scan# 2571
 Delta R.T. -0.018 min
 Lab File: BP024915.D
 Acq: 11 Jun 2025 17:05

Tgt Ion:149 Resp: 5140160
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.1 4.2 6.2

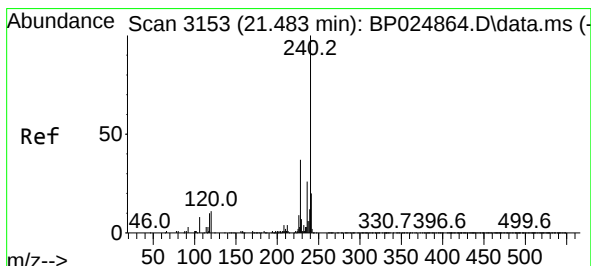
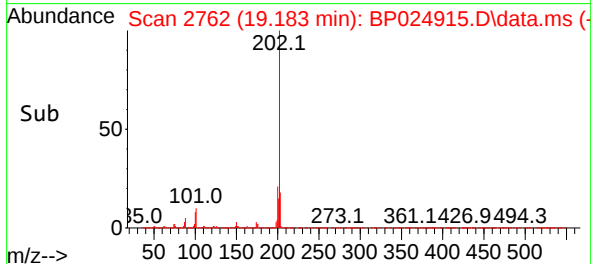
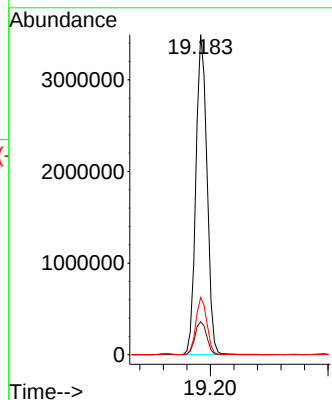
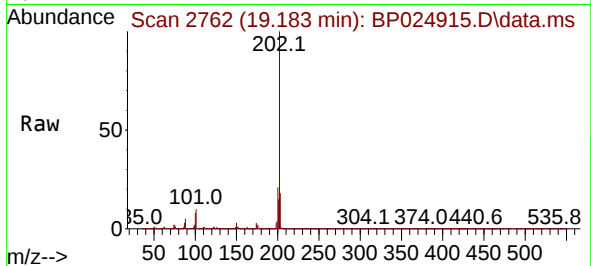




#75
Fluoranthene
Concen: 41.499 ng
RT: 19.183 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

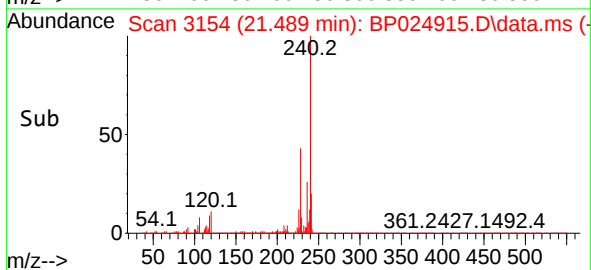
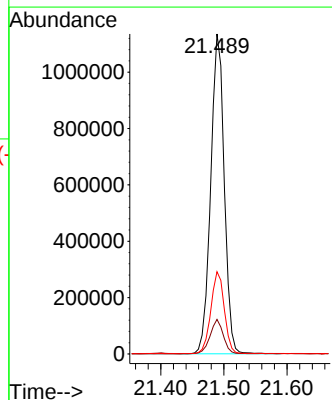
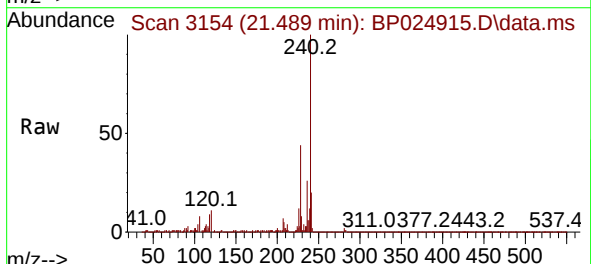
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

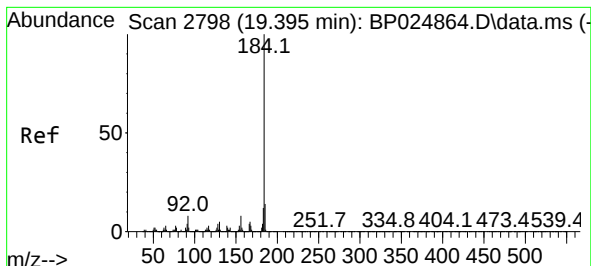
Tgt Ion:202 Resp: 4590338
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:240 Resp: 1686101
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.7 20.9 31.3





#77

Benzidine

Concen: 36.040 ng

RT: 19.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

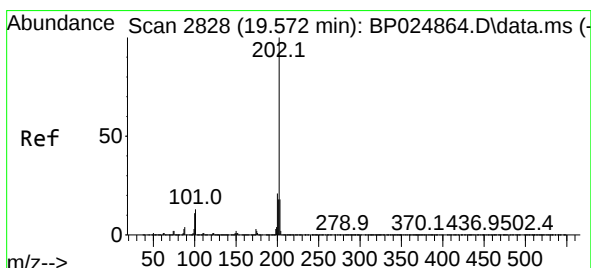
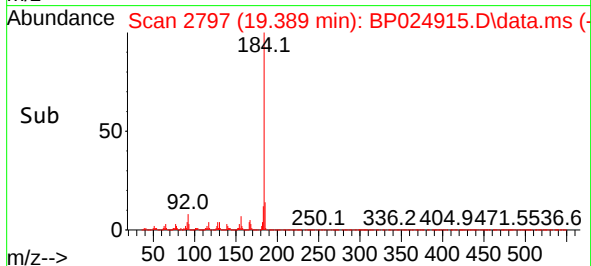
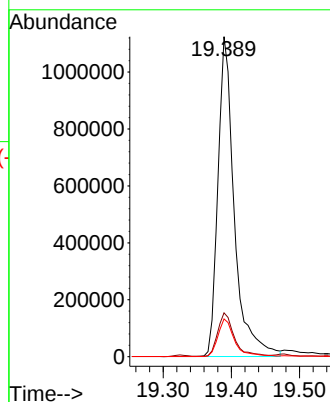
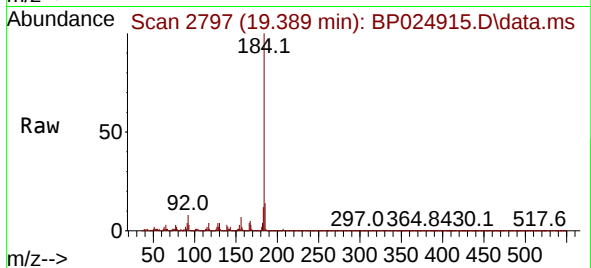
Tgt Ion:184 Resp: 1882021

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.0

183 11.8 9.5 14.3



#78

Pyrene

Concen: 44.365 ng

RT: 19.560 min Scan# 2826

Delta R.T. -0.012 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

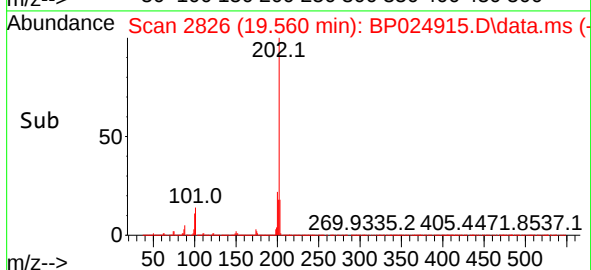
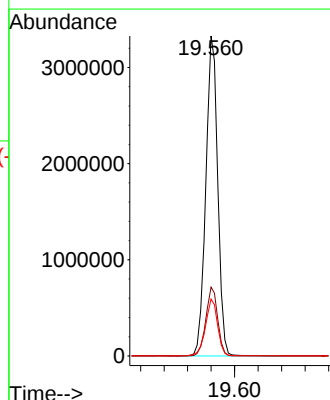
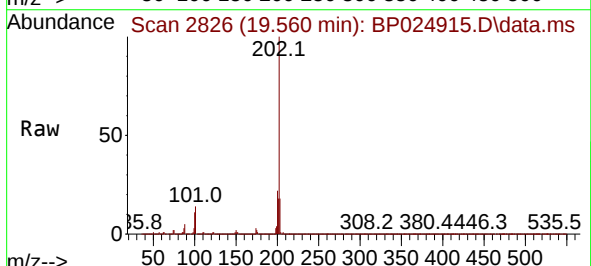
Tgt Ion:202 Resp: 4673353

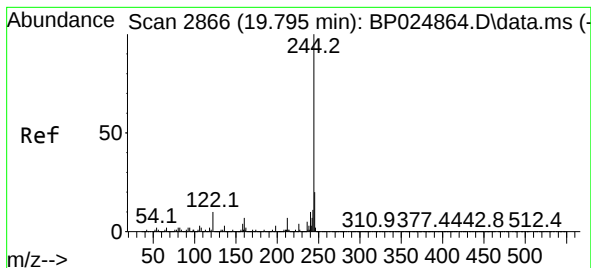
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 61.743 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

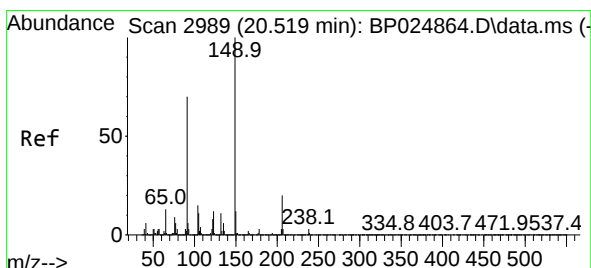
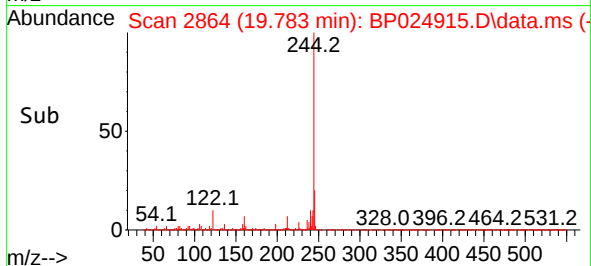
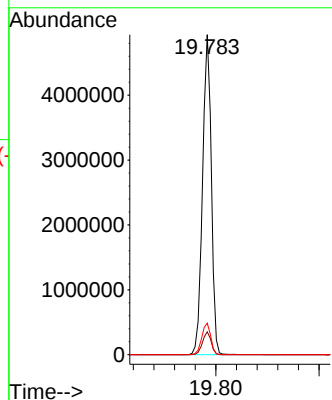
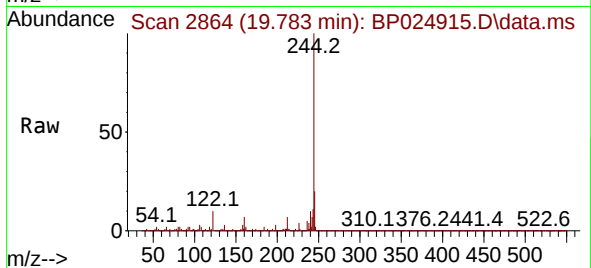
Tgt Ion:244 Resp: 5808593

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 47.706 ng

RT: 20.513 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

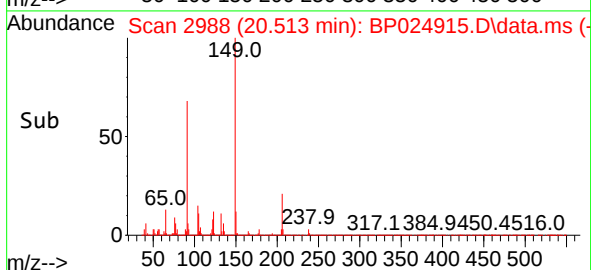
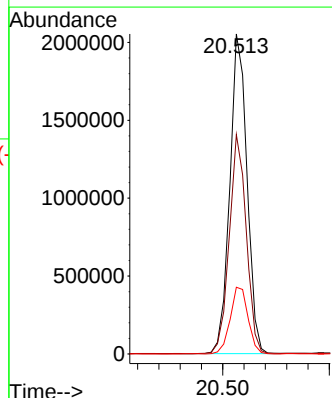
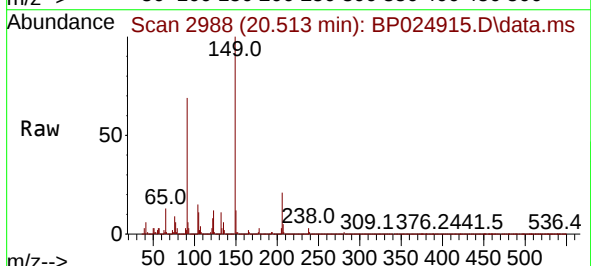
Tgt Ion:149 Resp: 2301859

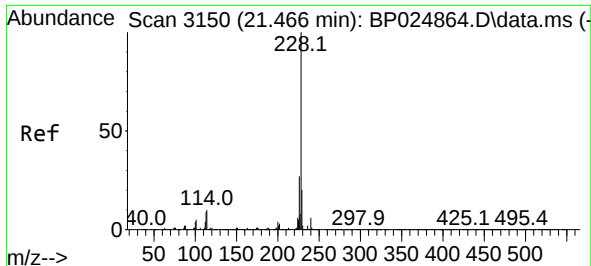
Ion Ratio Lower Upper

149 100

91 68.5 55.8 83.8

206 20.8 16.2 24.2

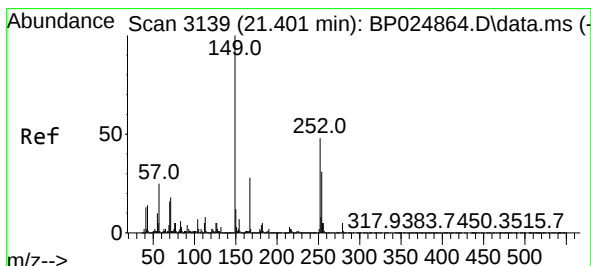
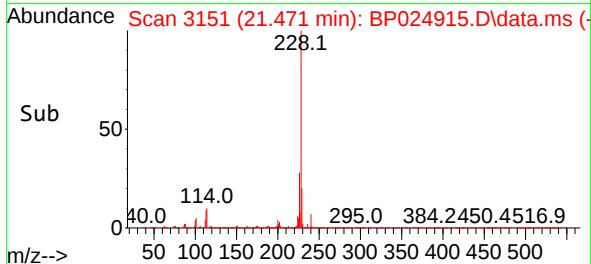
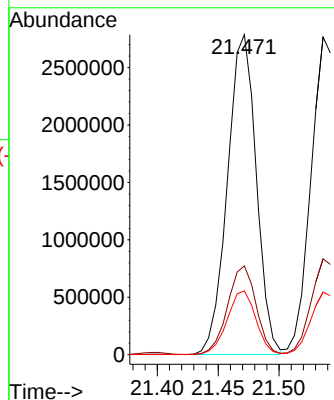
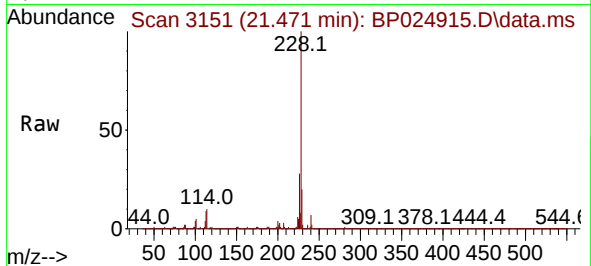




#81
Benzo(a)anthracene
Concen: 42.589 ng
RT: 21.471 min Scan# 3150
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

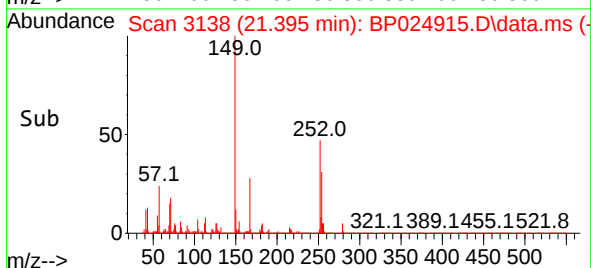
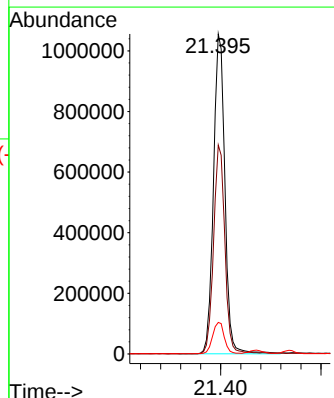
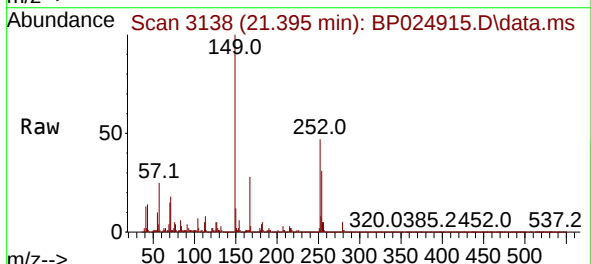
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

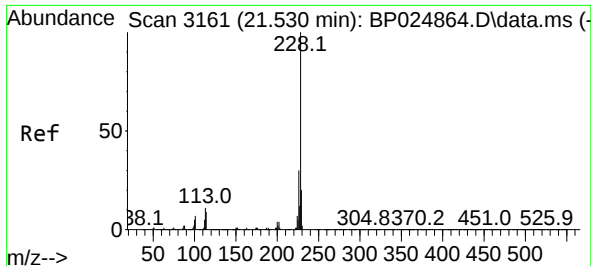
Tgt Ion:228 Resp: 4592742
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.791 ng
RT: 21.395 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:252 Resp: 1660749
Ion Ratio Lower Upper
252 100
254 65.3 51.2 76.8
126 9.9 8.6 12.8

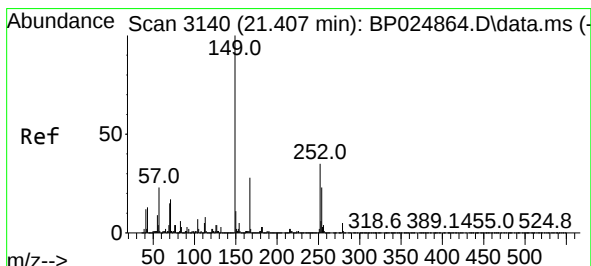
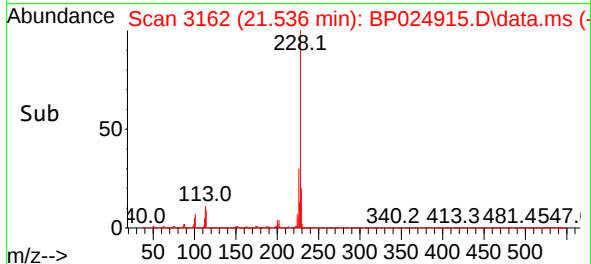
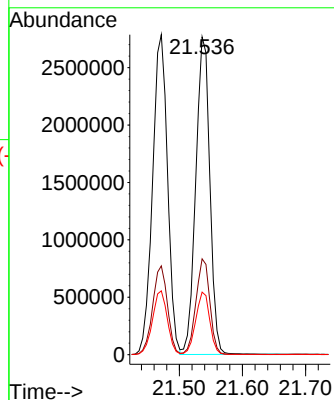
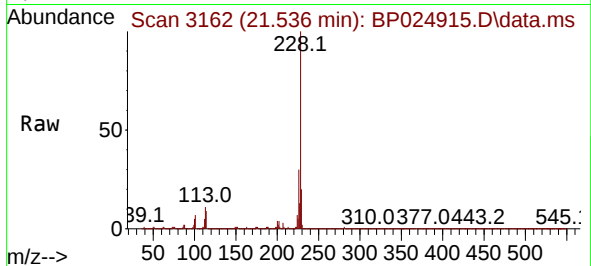




#83
Chrysene
Concen: 41.812 ng
RT: 21.536 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

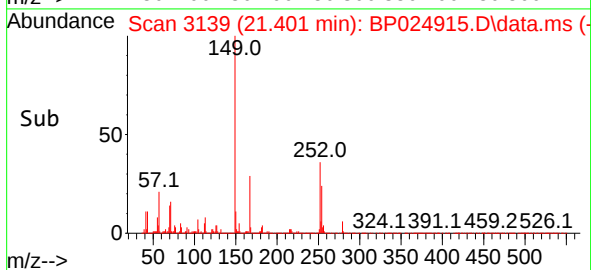
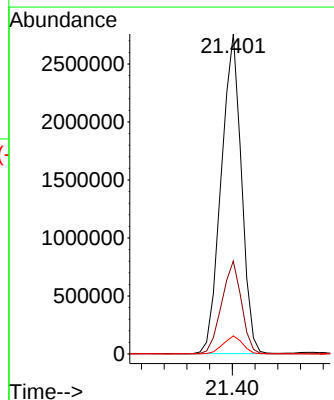
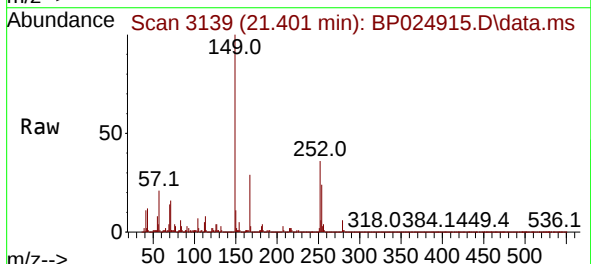
Instrument :
BNA_P
ClientSampleId :
TP03-MHCMS

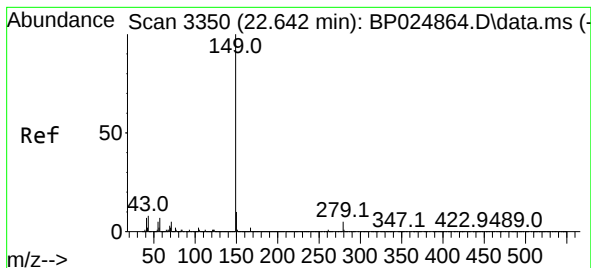
Tgt Ion:228 Resp: 4272449
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.188 ng
RT: 21.401 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP024915.D
Acq: 11 Jun 2025 17:05

Tgt Ion:149 Resp: 3400437
Ion Ratio Lower Upper
149 100
167 29.0 22.2 33.4
279 5.6 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 47.567 ng

RT: 22.642 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

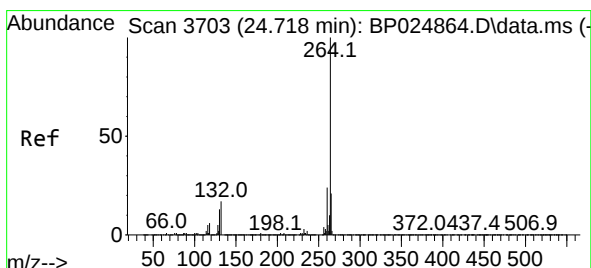
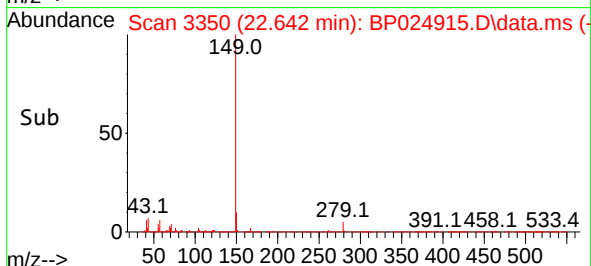
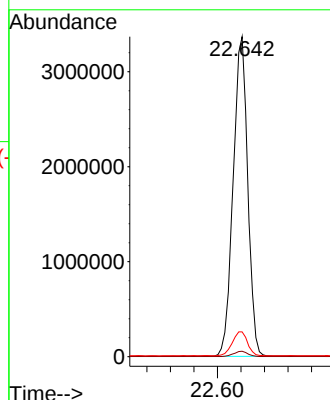
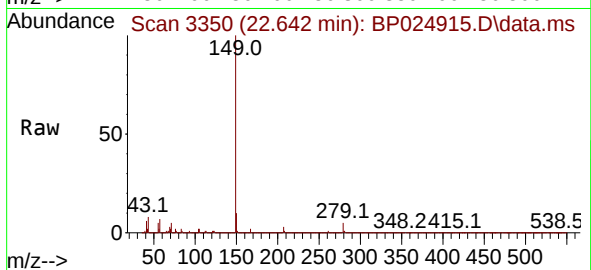
Tgt Ion:149 Resp: 5796107

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

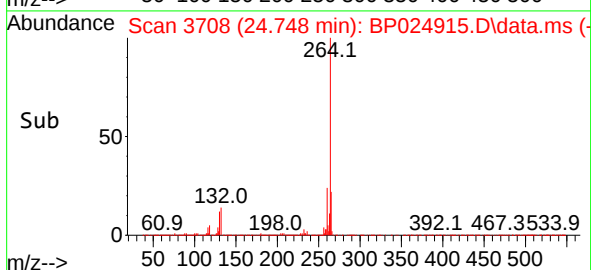
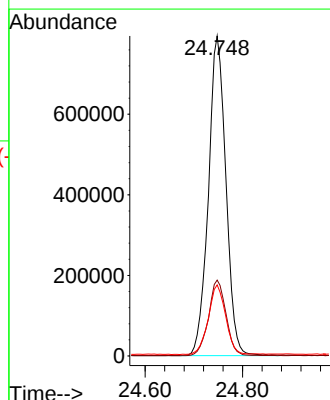
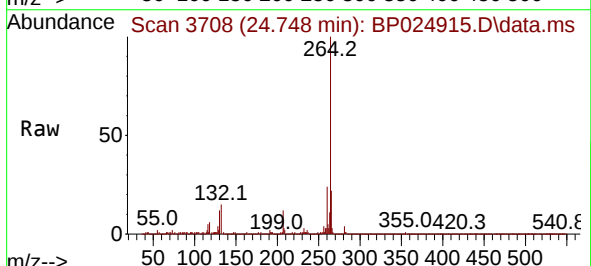
Tgt Ion:264 Resp: 1976792

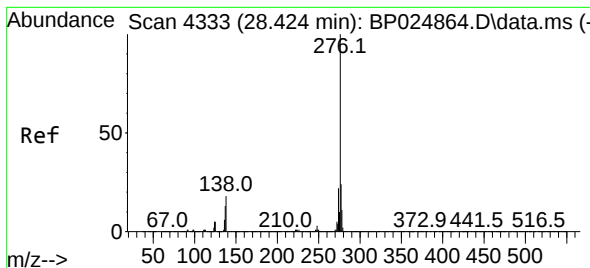
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.640 ng

RT: 28.453 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

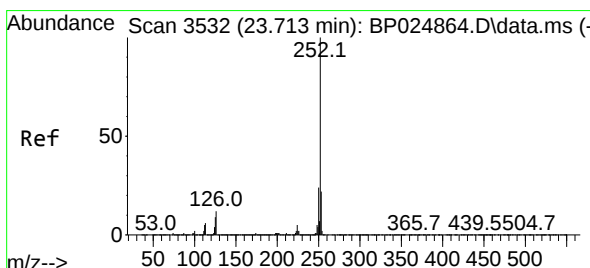
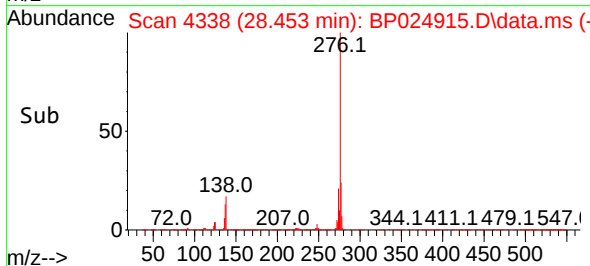
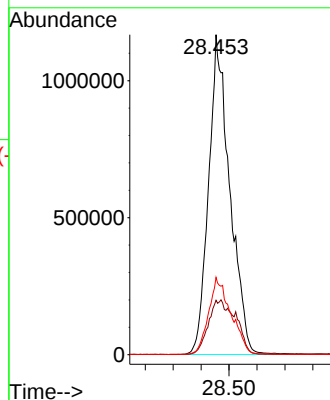
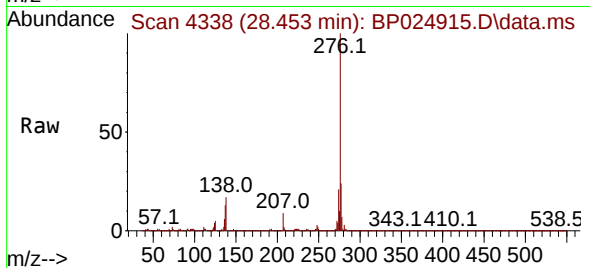
Tgt Ion:276 Resp: 6149944

Ion Ratio Lower Upper

276 100

138 22.1 18.6 27.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 42.811 ng

RT: 23.718 min Scan# 3533

Delta R.T. 0.006 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

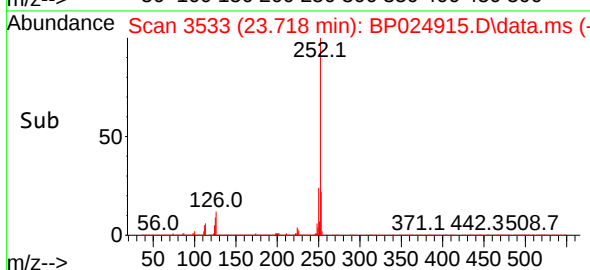
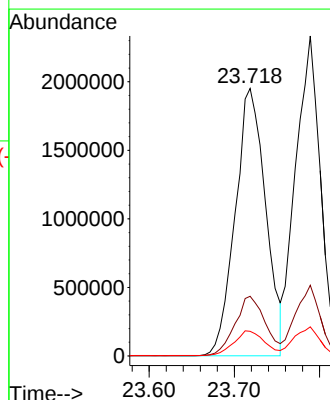
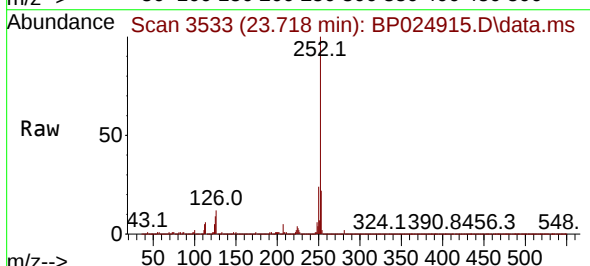
Tgt Ion:252 Resp: 4843286

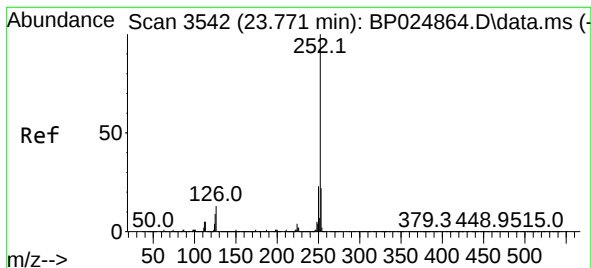
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.128 ng

RT: 23.789 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

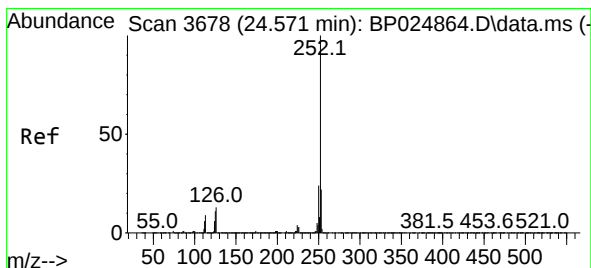
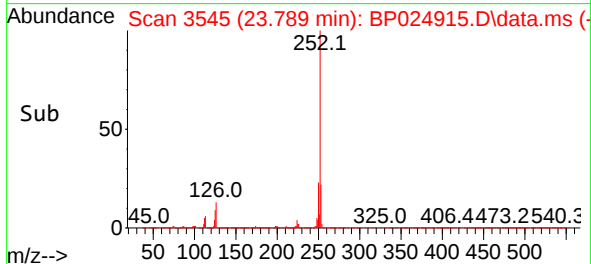
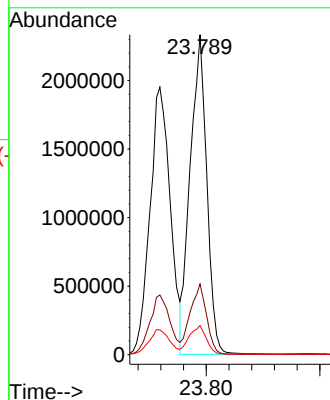
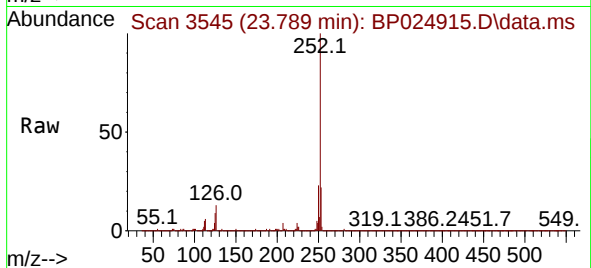
Tgt Ion:252 Resp: 4736261

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 42.186 ng

RT: 24.595 min Scan# 3682

Delta R.T. 0.023 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

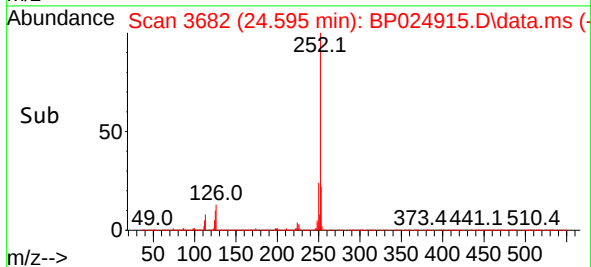
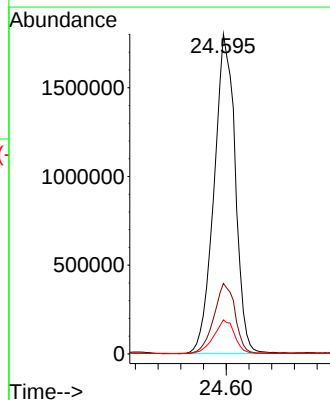
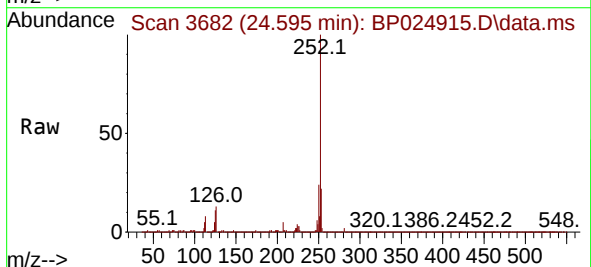
Tgt Ion:252 Resp: 4660900

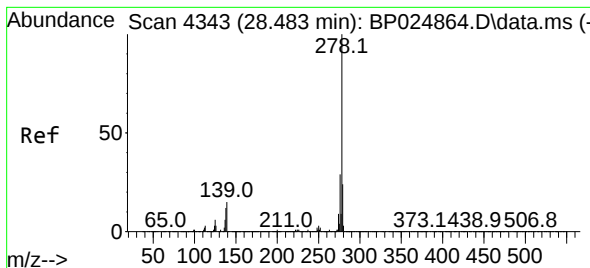
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 42.943 ng

RT: 28.524 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Instrument :

BNA_P

ClientSampleId :

TP03-MHCMS

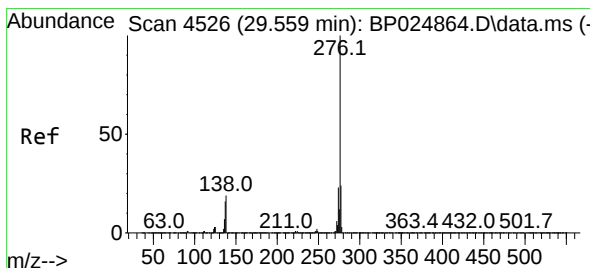
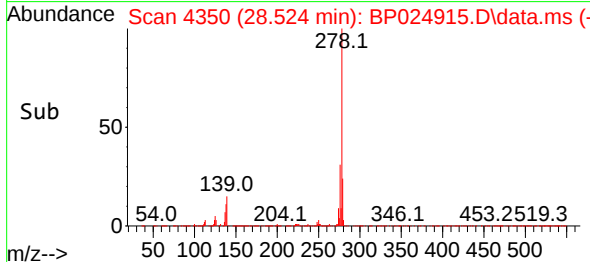
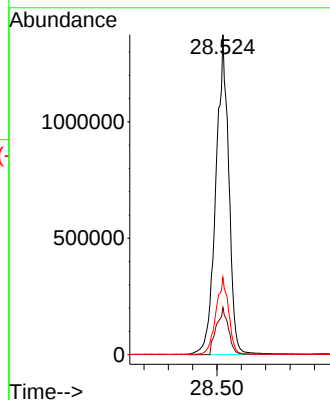
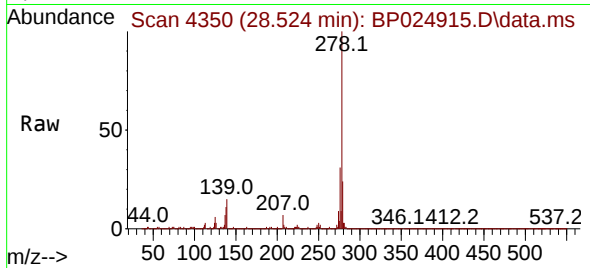
Tgt Ion:278 Resp: 5041579

Ion Ratio Lower Upper

278 100

139 14.7 12.0 18.0

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 42.282 ng

RT: 29.612 min Scan# 4535

Delta R.T. 0.053 min

Lab File: BP024915.D

Acq: 11 Jun 2025 17:05

Tgt Ion:276 Resp: 4925217

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 19.8 15.4 23.2

