

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024742.D
 Acq On : 21 May 2025 18:14
 Operator : RC/JU
 Sample : Q2052-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-BMS

Quant Time: May 22 03:02:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	83451	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	323314	20.000	ng	#-0.01
39) Acenaphthene-d10	14.286	164	214265	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	453341	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	628182	20.000	ng	-0.01
86) Perylene-d12	24.786	264	750189	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	571313	117.093	ng	0.00
7) Phenol-d6	6.857	99	630564	101.261	ng	0.00
23) Nitrobenzene-d5	8.804	82	449036	70.174	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	562310	154.804	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1118285	68.378	ng	-0.01
79) Terphenyl-d14	19.798	244	2630349	71.798	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	75169	32.809	ng	# 63
3) Pyridine	3.628	79	166809	32.835	ng	93
4) n-Nitrosodimethylamine	3.534	42	93104	41.513	ng	87
6) Aniline	6.999	93	155862	19.386	ng	98
8) 2-Chlorophenol	7.234	128	238702	43.096	ng	98
9) Benzaldehyde	6.810	77	99708	24.735	ng	97
10) Phenol	6.887	94	228540	35.559	ng	97
11) bis(2-Chloroethyl)ether	7.087	93	193635	36.665	ng	99
12) 1,3-Dichlorobenzene	7.546	146	234793	36.845	ng	98
13) 1,4-Dichlorobenzene	7.687	146	240794	37.570	ng	99
14) 1,2-Dichlorobenzene	8.004	146	235259	37.670	ng	99
15) Benzyl Alcohol	7.904	79	195731	41.362	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	215806	34.121	ng	98
17) 2-Methylphenol	8.116	107	185952	40.339	ng	98
18) Hexachloroethane	8.716	117	85278	34.721	ng	95
19) n-Nitroso-di-n-propyla...	8.457	70	148273	34.422	ng	93
20) 3+4-Methylphenols	8.446	107	247163	39.417	ng	96
22) Acetophenone	8.475	105	342570	42.417	ng	# 100
24) Nitrobenzene	8.846	77	241522	42.890	ng	93
25) Isophorone	9.363	82	423406	38.146	ng	96
26) 2-Nitrophenol	9.546	139	130539	47.308	ng	97
27) 2,4-Dimethylphenol	9.622	122	219186	45.054	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	254502	38.378	ng	99
29) 2,4-Dichlorophenol	10.104	162	220626	46.798	ng	96
30) 1,2,4-Trichlorobenzene	10.287	180	230807	43.445	ng	99
31) Naphthalene	10.469	128	708364	42.279	ng	100
32) Benzoic acid	9.787	122	99823	32.356	ng	91
33) 4-Chloroaniline	10.598	127	74294	10.989	ng	98
34) Hexachlorobutadiene	10.751	225	151699	44.078	ng	98
35) Caprolactam	11.387	113	62795	36.815	ng	98
36) 4-Chloro-3-methylphenol	11.734	107	261392	45.466	ng	99
37) 2-Methylnaphthalene	12.087	142	459446	42.350	ng	99
38) 1-Methylnaphthalene	12.304	142	492925	42.465	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	274961	44.192	ng	100
41) Hexachlorocyclopentadiene	12.428	237	313113	82.992	ng	96
43) 2,4,6-Trichlorophenol	12.710	196	195828	48.592	ng	99

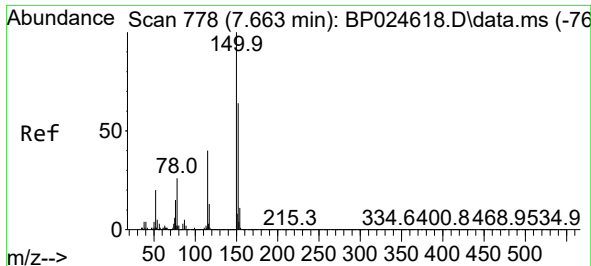
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	213532	47.600	ng	97
46) 1,1'-Biphenyl	13.098	154	674843	42.613	ng	98
47) 2-Chloronaphthalene	13.145	162	516680	42.789	ng	100
48) 2-Nitroaniline	13.363	65	141017	39.446	ng	93
49) Acenaphthylene	14.004	152	878928	43.496	ng	100
50) Dimethylphthalate	13.745	163	736042	45.069	ng	99
51) 2,6-Dinitrotoluene	13.863	165	159178	46.151	ng	97
52) Acenaphthene	14.345	154	505275	43.495	ng	99
53) 3-Nitroaniline	14.204	138	85223	24.199	ng	98
54) 2,4-Dinitrophenol	14.422	184	134885	63.456	ng	95
55) Dibenzofuran	14.686	168	829108	44.745	ng	99
56) 4-Nitrophenol	14.569	139	231448	76.127	ng	98
57) 2,4-Dinitrotoluene	14.669	165	245556	50.499	ng	93
58) Fluorene	15.351	166	680145	45.016	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.933	232	205667	49.422	ng	96
60) Diethylphthalate	15.122	149	743020	45.014	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	339666	45.079	ng	99
62) 4-Nitroaniline	15.392	138	125397	36.876	ng	98
63) Azobenzene	15.639	77	549199	38.893	ng	92
65) 4,6-Dinitro-2-methylph...	15.451	198	116966	39.943	ng	94
66) n-Nitrosodiphenylamine	15.563	169	608489	43.698	ng	98
67) 4-Bromophenyl-phenylether	16.251	248	243811	45.641	ng	98
68) Hexachlorobenzene	16.375	284	319067	47.005	ng	93
69) Atrazine	16.551	200	248860	48.767	ng	99
70) Pentachlorophenol	16.733	266	421207	110.542	ng	99
71) Phenanthrene	17.122	178	1136758	45.106	ng	100
72) Anthracene	17.216	178	1151012	45.394	ng	99
73) Carbazole	17.504	167	1120452	48.822	ng	100
74) Di-n-butylphthalate	18.086	149	1362187	46.152	ng	99
75) Fluoranthene	19.204	202	1500935	50.949	ng	99
77) Benzidine	19.416	184	274328	16.034	ng	99
78) Pyrene	19.586	202	1590670	42.261	ng	100
80) Butylbenzylphthalate	20.533	149	732507	43.759	ng	93
81) Benzo(a)anthracene	21.486	228	1772601	44.939	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	398408	27.194	ng	100
83) Chrysene	21.551	228	1684692	45.055	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	1108580	45.056	ng	98
85) Di-n-octyl phthalate	22.662	149	1905632	47.362	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2610645	47.667	ng	# 90
88) Benzo(b)fluoranthene	23.745	252	1972294	45.932	ng	99
89) Benzo(k)fluoranthene	23.821	252	1985503	44.874	ng	99
90) Benzo(a)pyrene	24.627	252	1894318	45.934	ng	98
91) Dibenzo(a,h)anthracene	28.574	278	2141857	48.071	ng	99
92) Benzo(g,h,i)perylene	29.662	276	2112969	47.688	ng	98

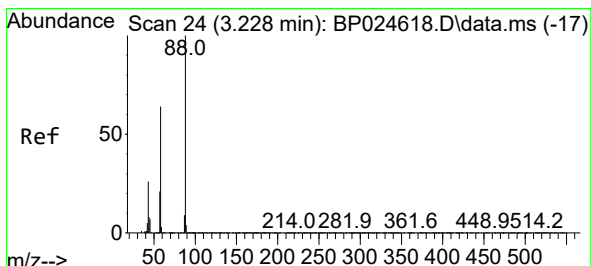
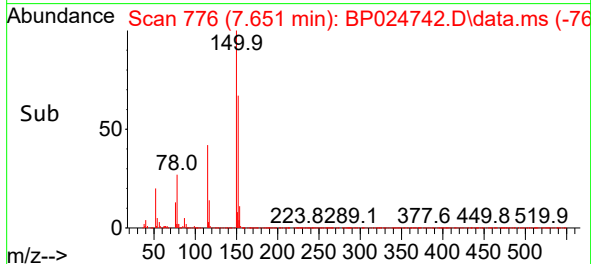
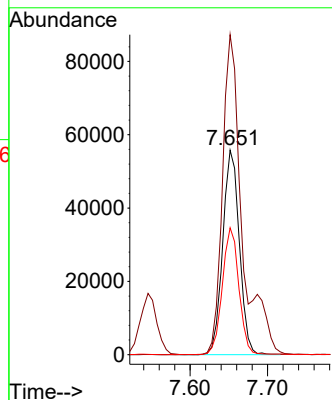
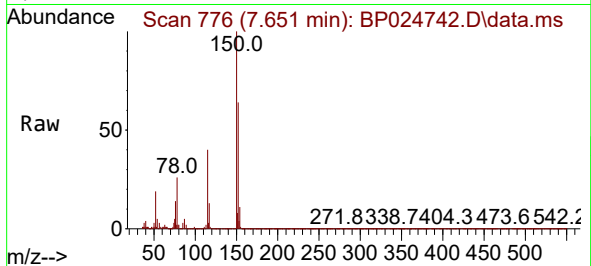
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

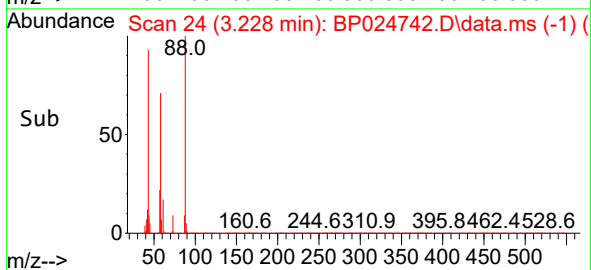
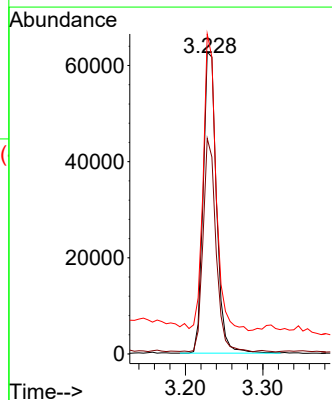
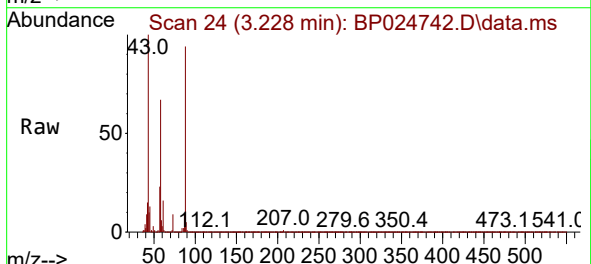
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TP-BMS

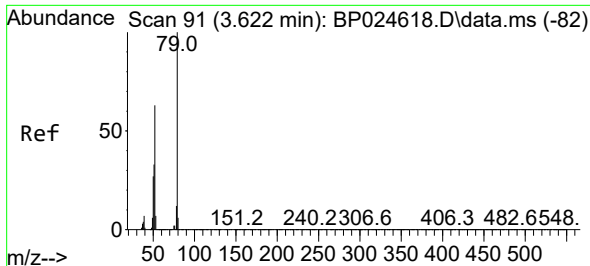
Tgt Ion:152 Resp: 83451
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 62.1 50.1 75.1



#2
1,4-Dioxane
Concen: 32.809 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 88 Resp: 75169
Ion Ratio Lower Upper
88 100
58 68.0 54.0 81.0
43 93.4 21.4 32.0#

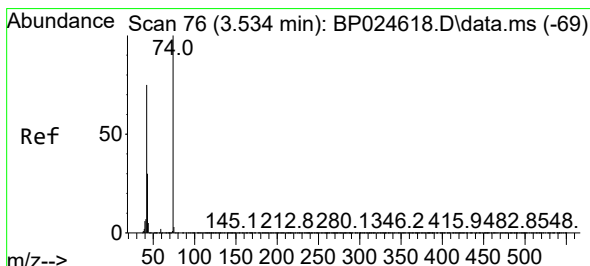
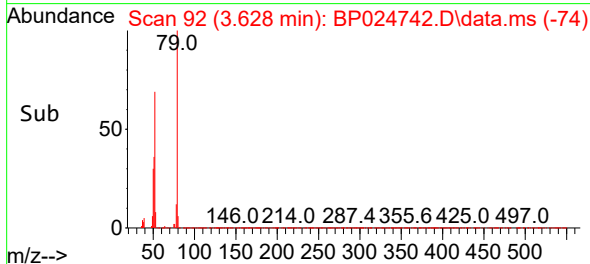
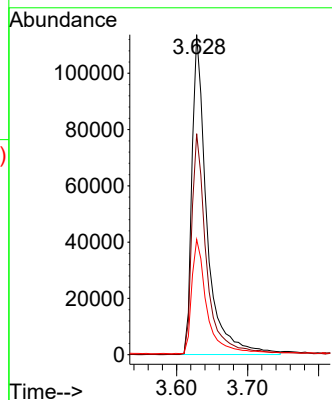
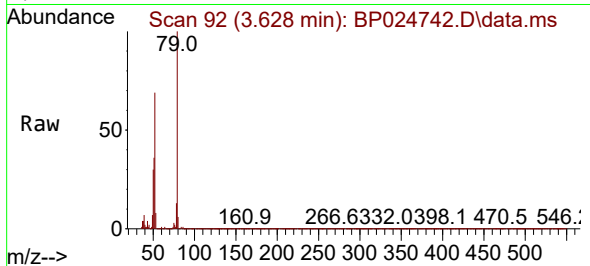




#3
Pyridine
Concen: 32.835 ng
RT: 3.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

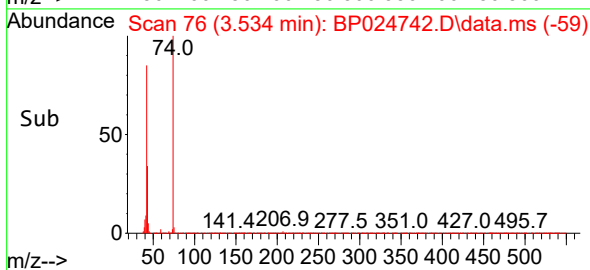
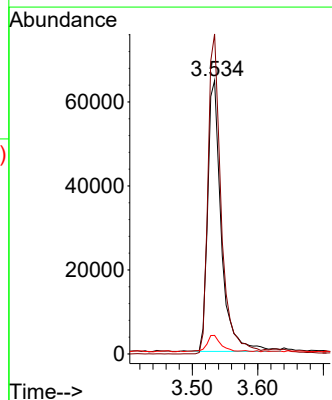
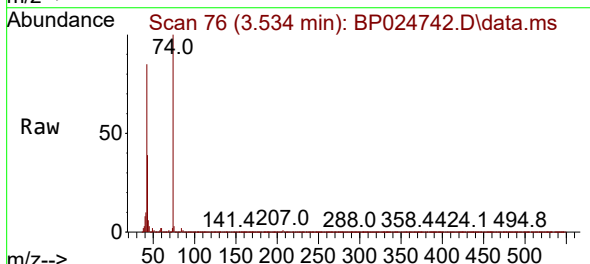
Instrument :
BNA_P
ClientSampleId :
TP-BMS

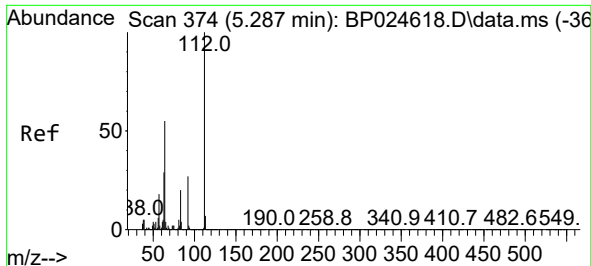
Tgt Ion: 79 Resp: 166809
Ion Ratio Lower Upper
79 100
52 69.1 50.2 75.2
51 36.0 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.513 ng
RT: 3.534 min Scan# 76
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 42 Resp: 93104
Ion Ratio Lower Upper
42 100
74 117.0 106.2 159.2
44 6.8 5.4 8.2

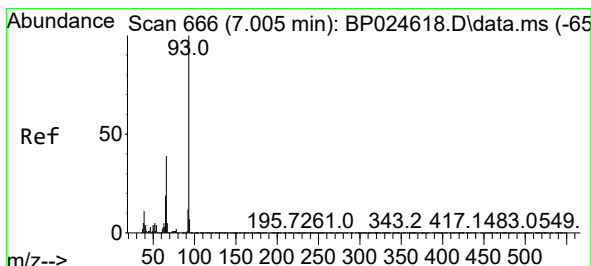
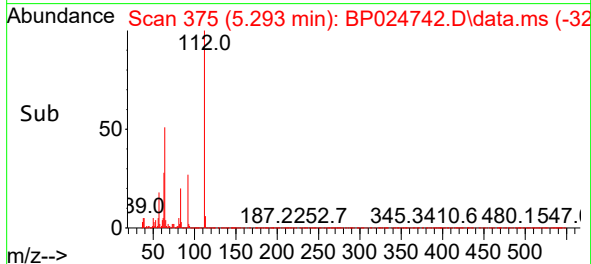
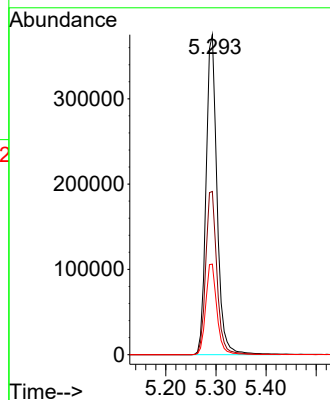
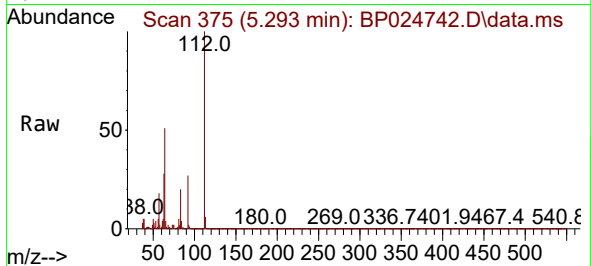




#5
2-Fluorophenol
Concen: 117.093 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

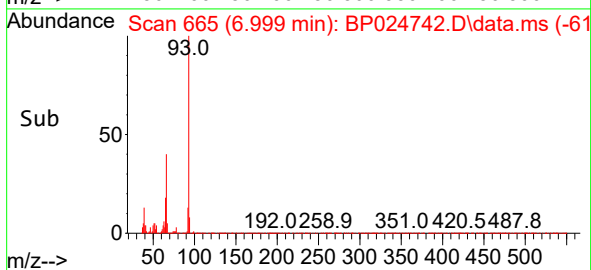
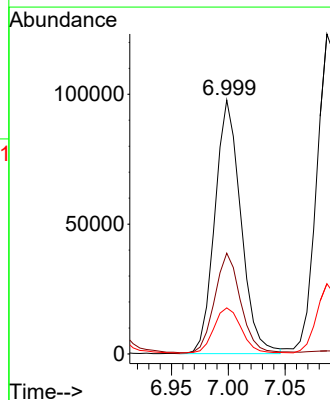
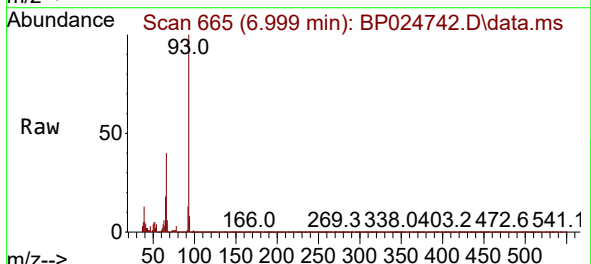
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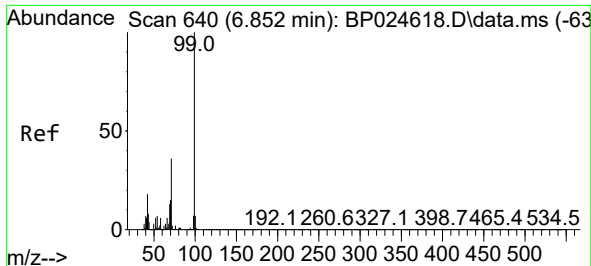
Tgt Ion:112 Resp: 571313
Ion Ratio Lower Upper
112 100
64 51.0 44.1 66.1
63 28.3 23.5 35.3



#6
Aniline
Concen: 19.386 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 93 Resp: 155862
Ion Ratio Lower Upper
93 100
66 39.7 31.0 46.6
65 18.2 15.5 23.3

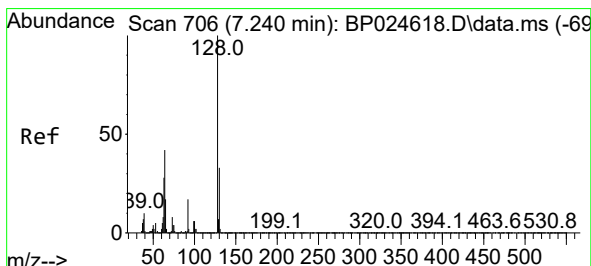
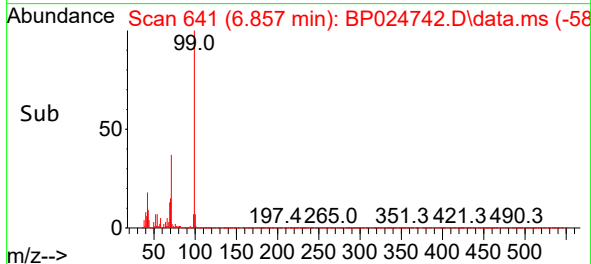
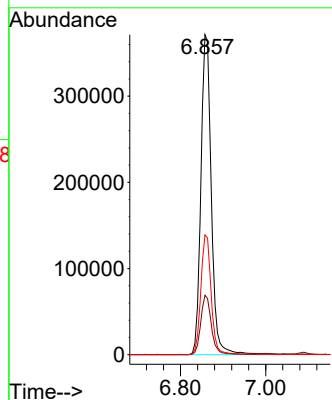
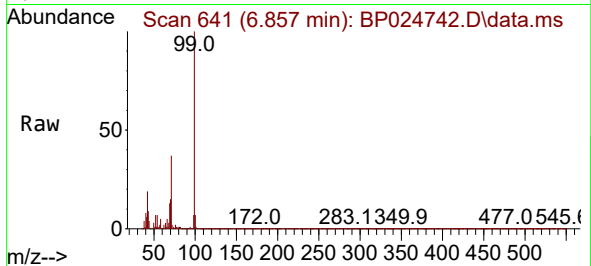




#7
Phenol-d6
Concen: 101.261 ng
RT: 6.857 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

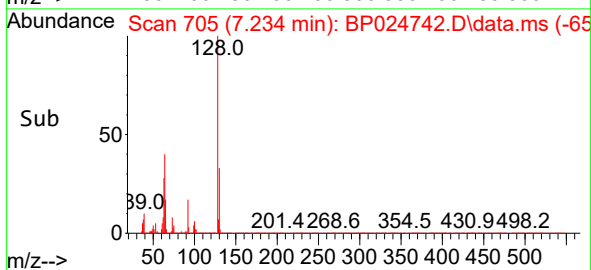
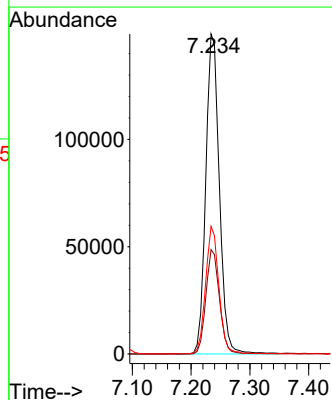
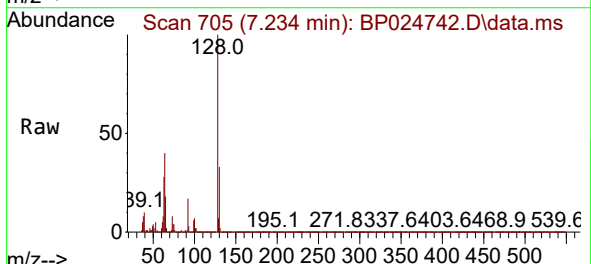
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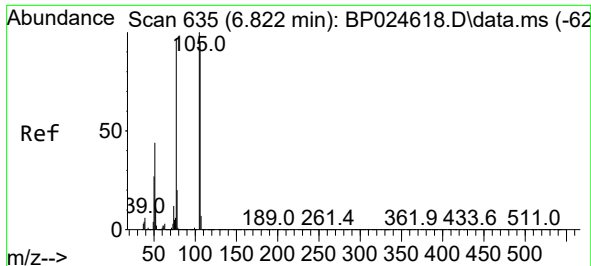
Tgt Ion: 99 Resp: 630564
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 37.5 29.2 43.8



#8
2-Chlorophenol
Concen: 43.096 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:128 Resp: 238702
Ion Ratio Lower Upper
128 100
130 32.6 13.0 53.0
64 39.9 22.3 62.3

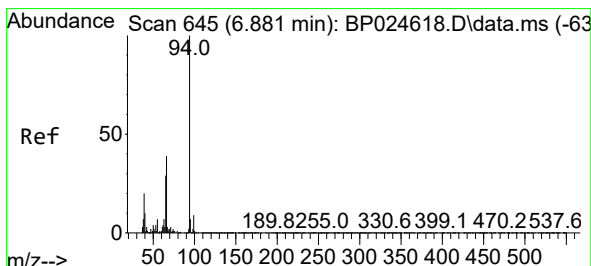
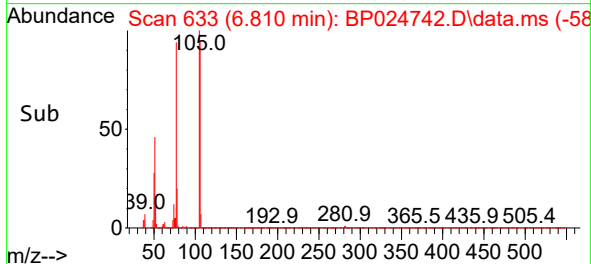
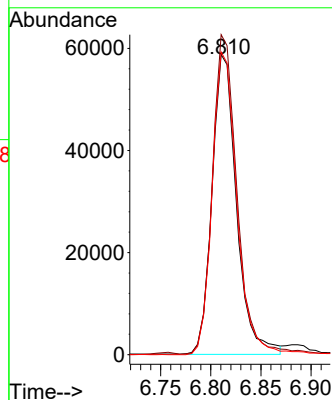
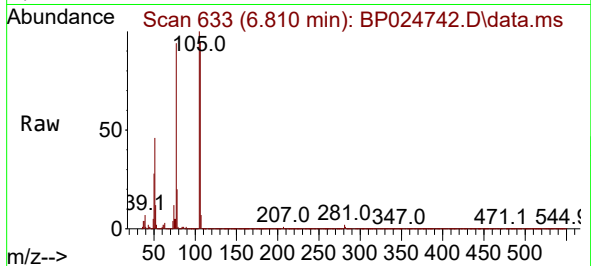




#9
Benzaldehyde
Concen: 24.735 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

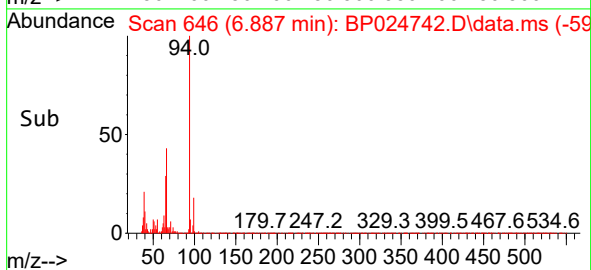
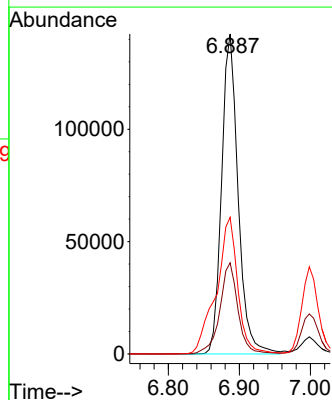
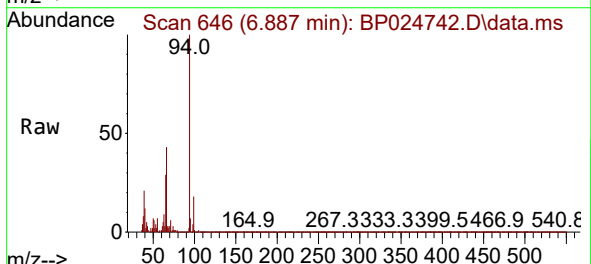
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ClientSampleId :
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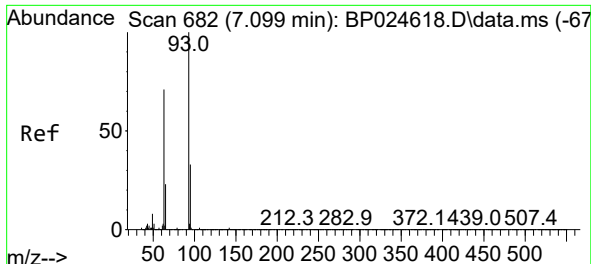
Tgt Ion: 77 Resp: 99708
Ion Ratio Lower Upper
77 100
105 106.6 83.3 123.3
106 100.8 78.0 118.0



#10
Phenol
Concen: 35.559 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 94 Resp: 228540
Ion Ratio Lower Upper
94 100
65 28.5 8.7 48.7
66 42.7 19.4 59.4

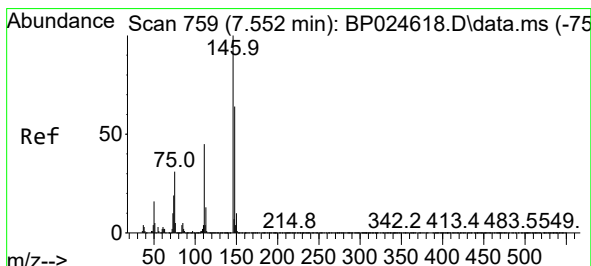
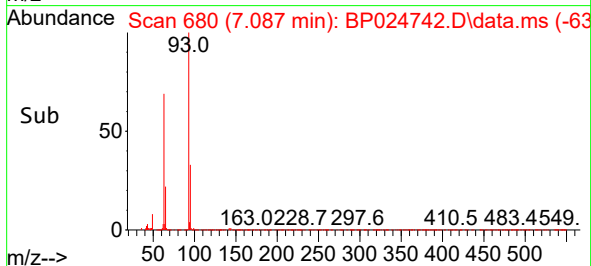
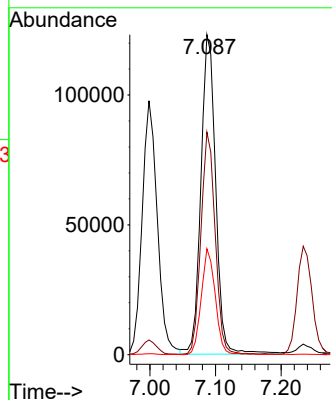
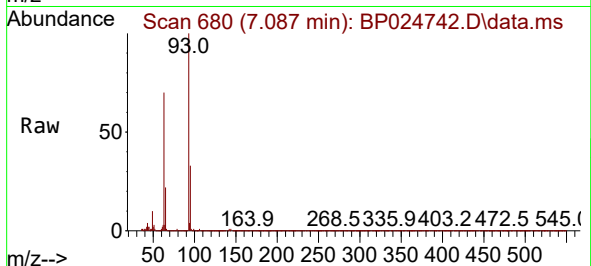




#11
bis(2-Chloroethyl)ether
Concen: 36.665 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

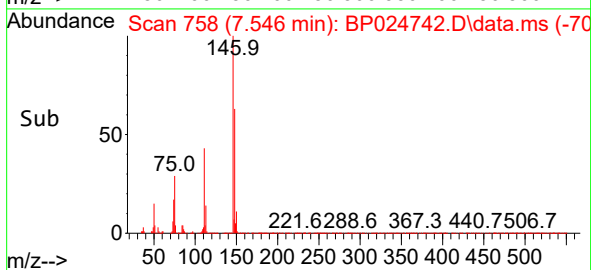
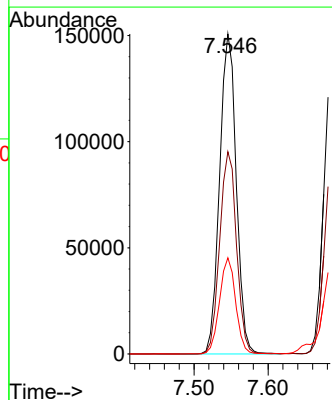
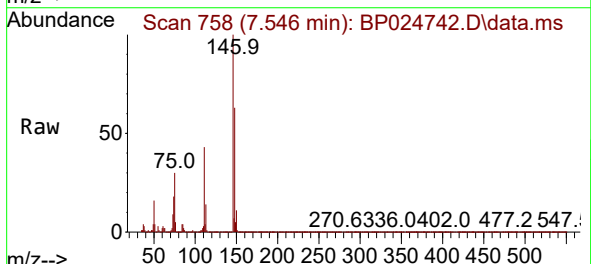
Instrument :
BNA_P
ClientSampleId :
TP-BMS

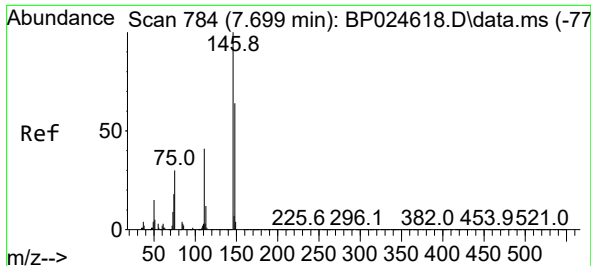
Tgt Ion: 93 Resp: 193635
Ion Ratio Lower Upper
93 100
63 69.6 50.6 90.6
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 36.845 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:146 Resp: 234793
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
75 30.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 37.570 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

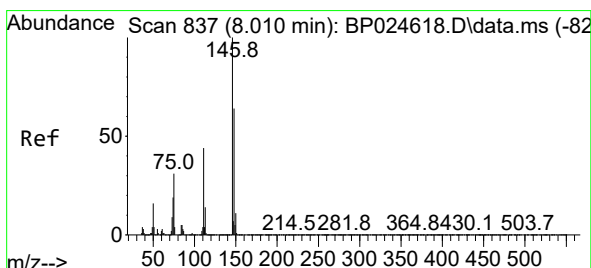
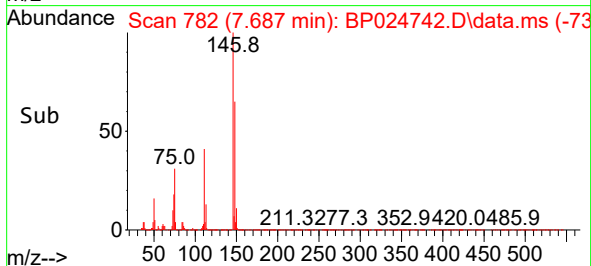
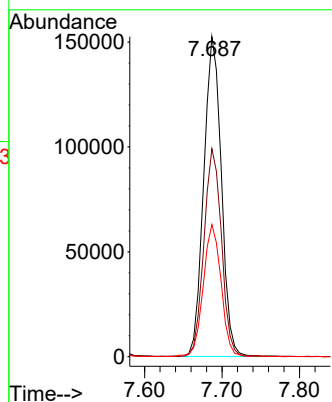
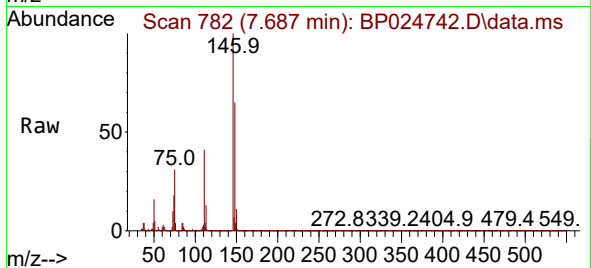
Tgt Ion:146 Resp: 240794

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

111 41.3 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 37.670 ng

RT: 8.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

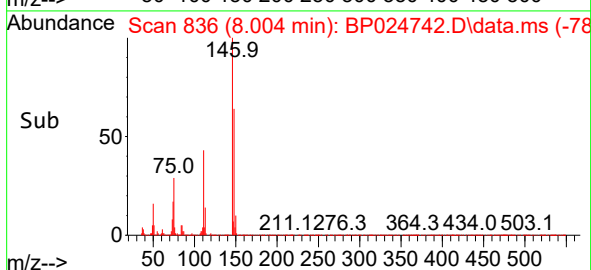
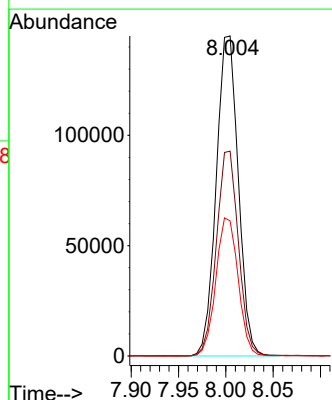
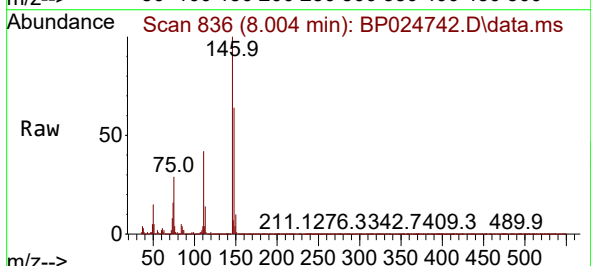
Tgt Ion:146 Resp: 235259

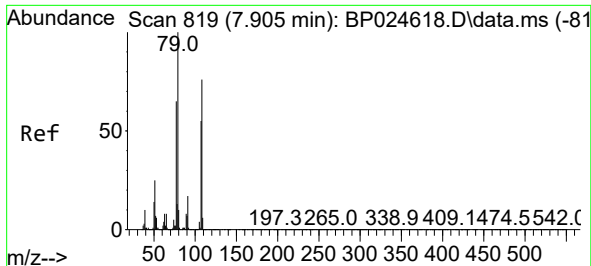
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

111 42.2 35.2 52.8

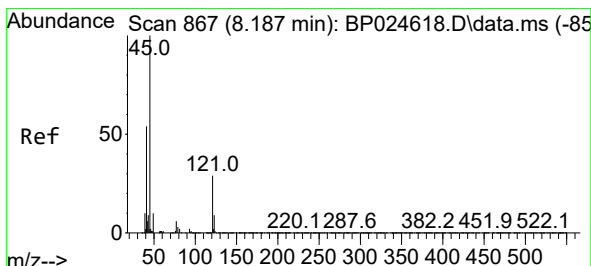
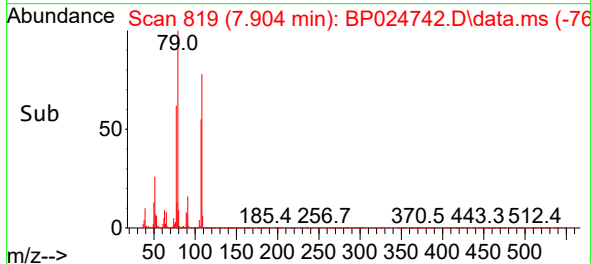
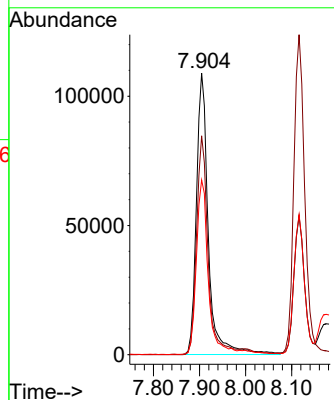
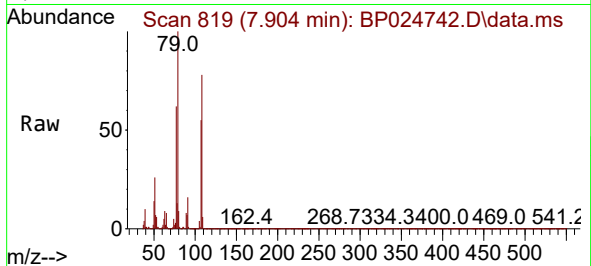




#15
Benzyl Alcohol
Concen: 41.362 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

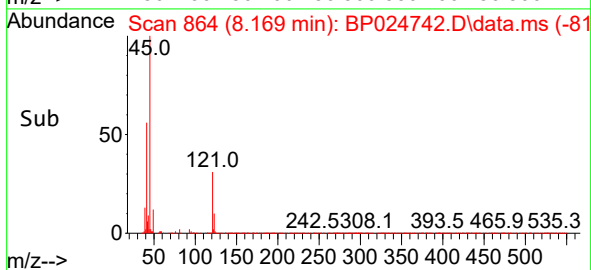
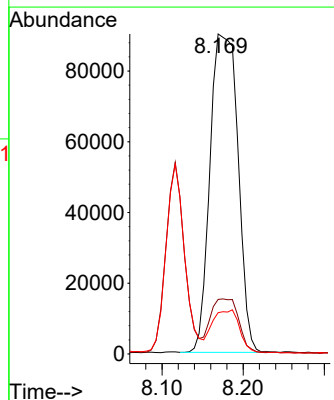
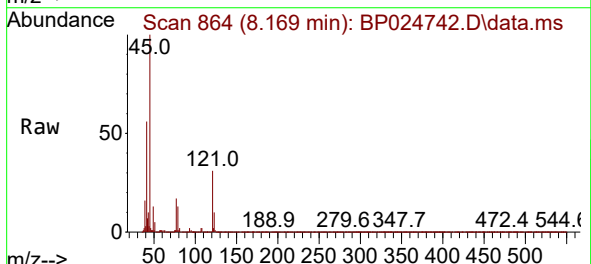
Instrument :
BNA_P
ClientSampleId :
TP-BMS

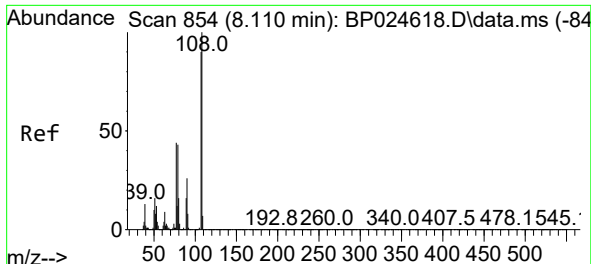
Tgt Ion: 79 Resp: 195731
Ion Ratio Lower Upper
79 100
108 77.7 60.8 91.2
77 62.1 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.121 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 45 Resp: 215806
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.7
79 12.9 0.0 34.0





#17

2-Methylphenol

Concen: 40.339 ng

RT: 8.116 min Scan# 8

Delta R.T. 0.006 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

Tgt Ion:107 Resp: 185952

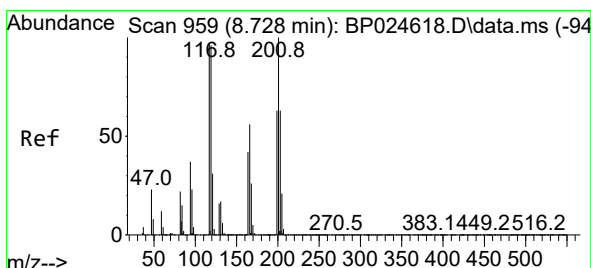
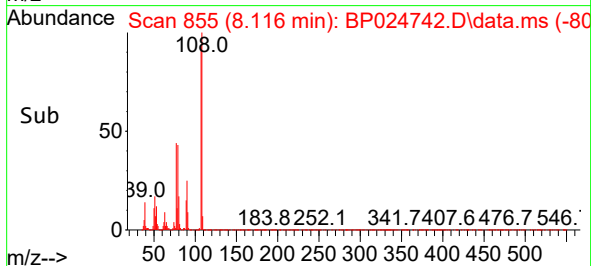
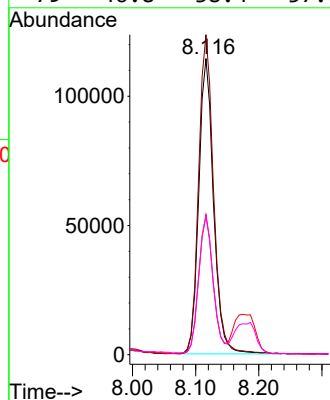
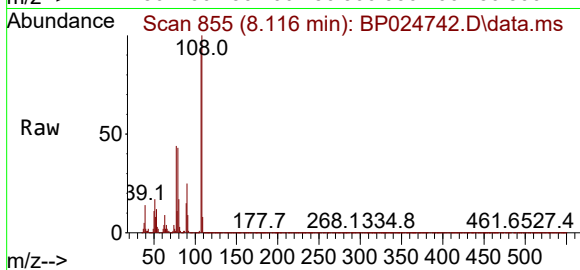
Ion Ratio Lower Upper

107 100

108 108.0 88.9 133.3

77 47.3 39.0 58.6

79 46.8 38.4 57.6



#18

Hexachloroethane

Concen: 34.721 ng

RT: 8.716 min Scan# 957

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

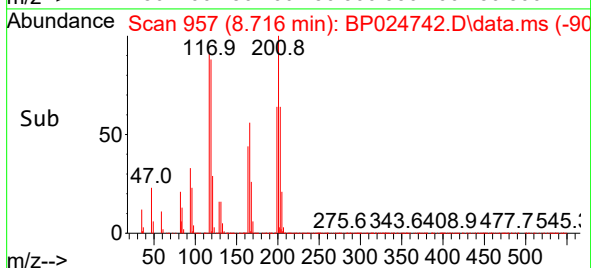
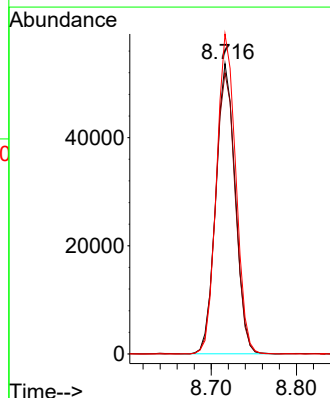
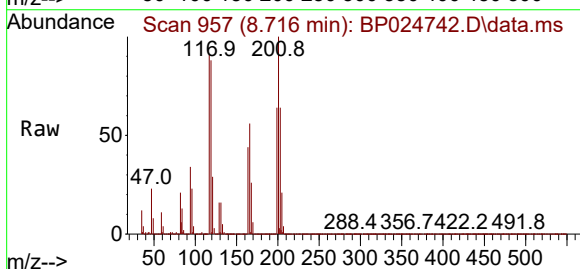
Tgt Ion:117 Resp: 85278

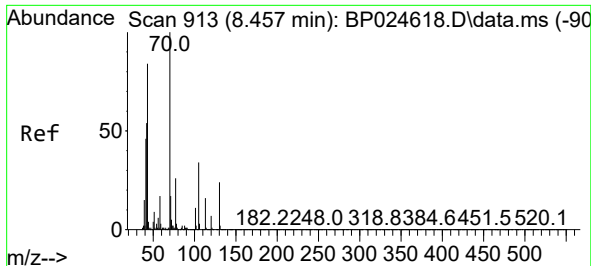
Ion Ratio Lower Upper

117 100

119 96.9 79.4 119.0

201 110.2 82.7 124.1

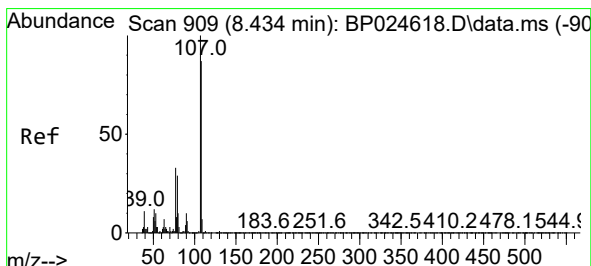
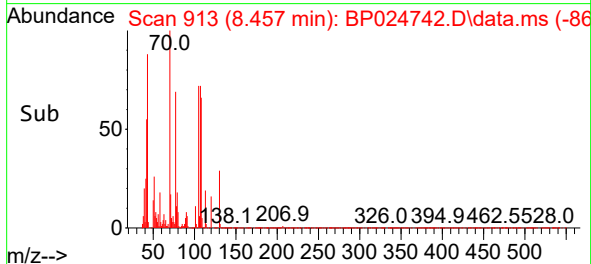
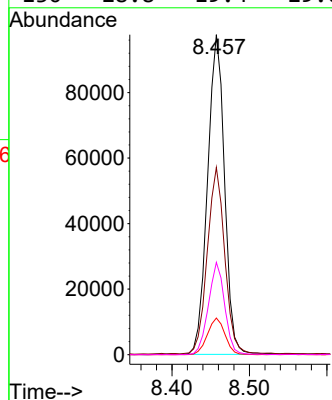
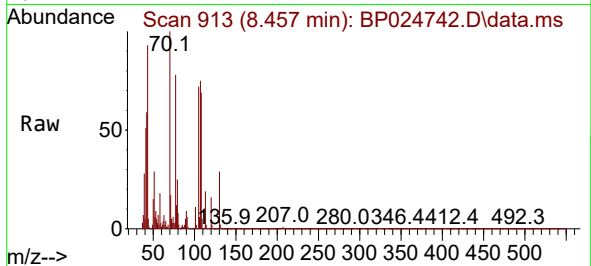




#19
n-Nitroso-di-n-propylamine
Concen: 34.422 ng
RT: 8.457 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

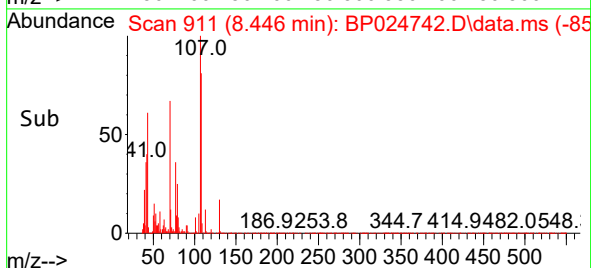
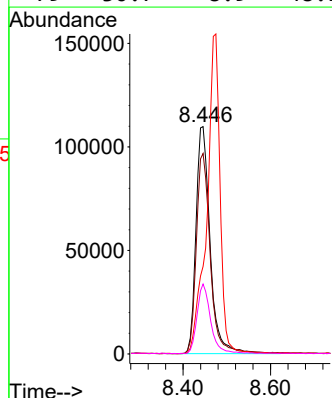
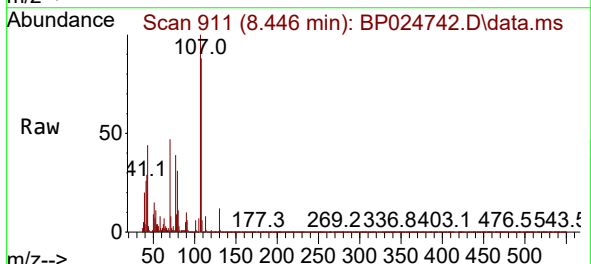
Instrument :
BNA_P
ClientSampleId :
TP-BMS

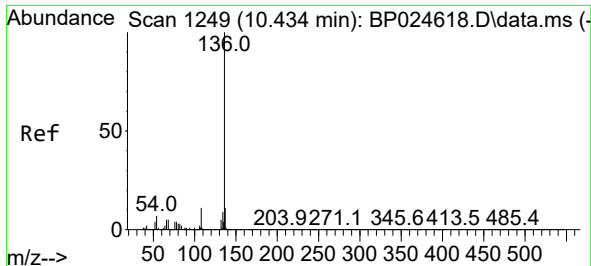
Tgt Ion: 70 Resp: 148273
Ion Ratio Lower Upper
70 100
42 58.5 43.0 64.6
101 11.4 8.7 13.1
130 28.8 19.4 29.0



#20
3+4-Methylphenols
Concen: 39.417 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 107 Resp: 247163
Ion Ratio Lower Upper
107 100
108 88.2 66.7 106.7
77 38.5 13.1 53.1
79 30.7 8.9 48.9

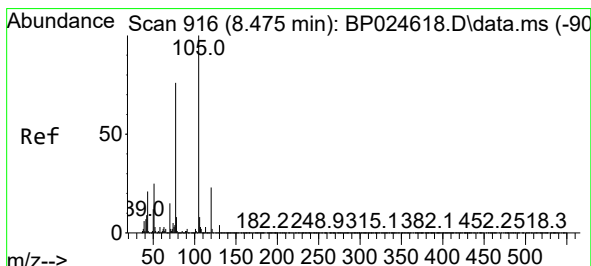
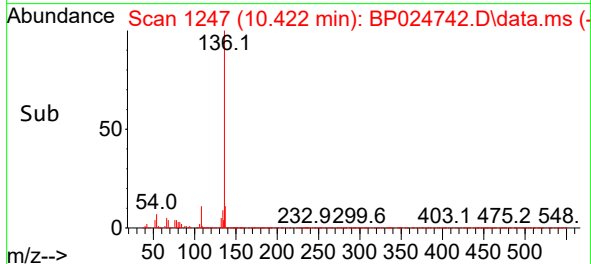
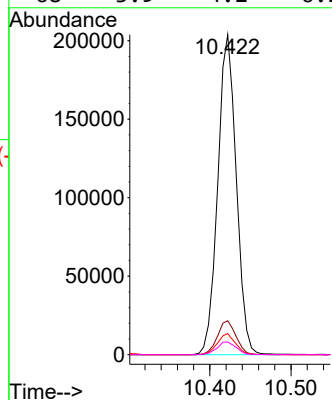
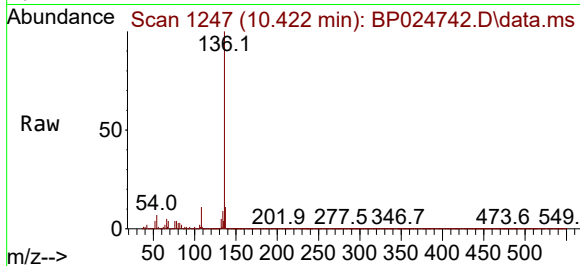




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

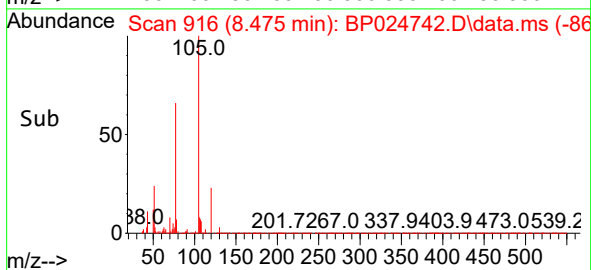
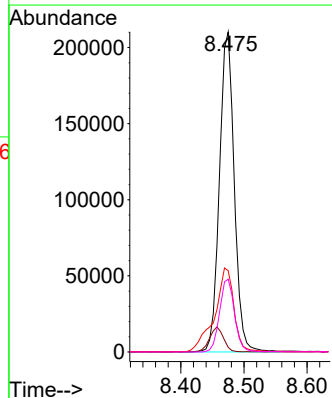
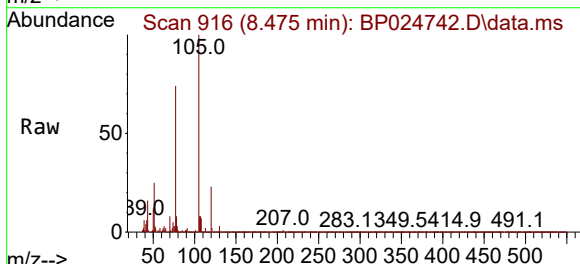
Instrument :
BNA_P
ClientSampleId :
TP-BMS

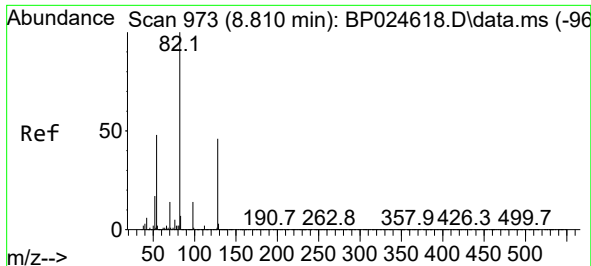
Tgt Ion:136 Resp: 323314
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.5 8.3
68 3.9 4.2 6.2#



#22
Acetophenone
Concen: 42.417 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:105 Resp: 342570
Ion Ratio Lower Upper
105 100
71 1.4 2.0 3.0#
51 25.4 20.4 30.6
120 22.7 18.1 27.1

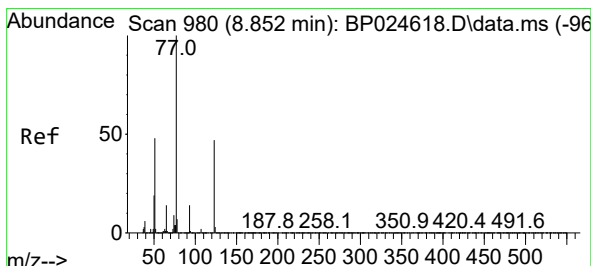
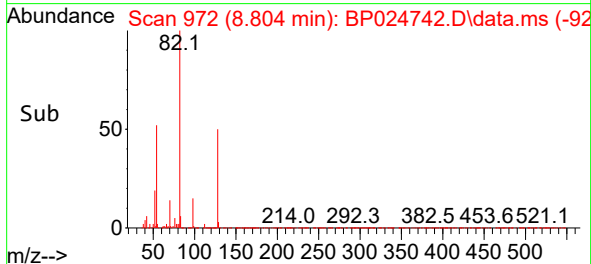
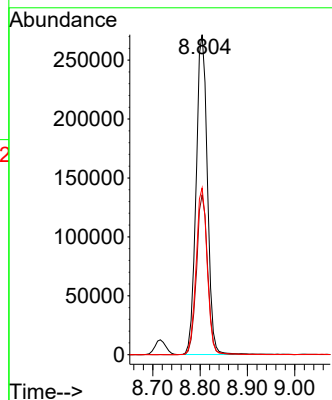
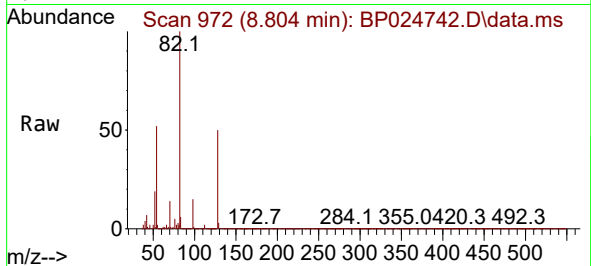




#23
Nitrobenzene-d5
Concen: 70.174 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

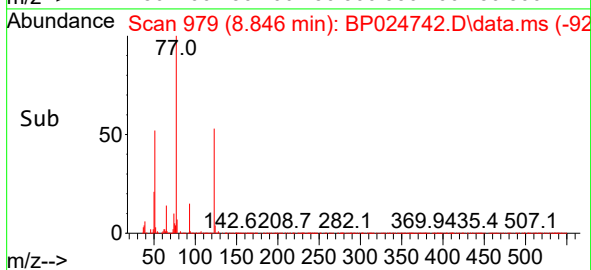
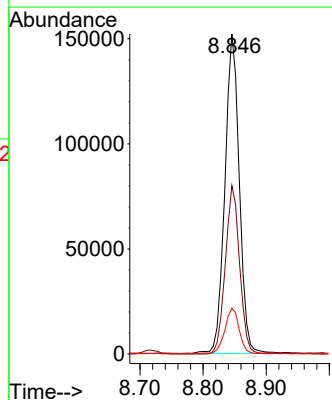
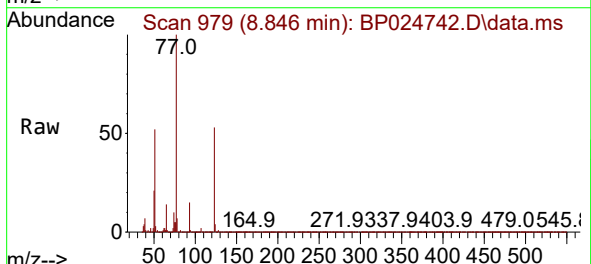
Instrument :
BNA_P
ClientSampleId :
TP-BMS

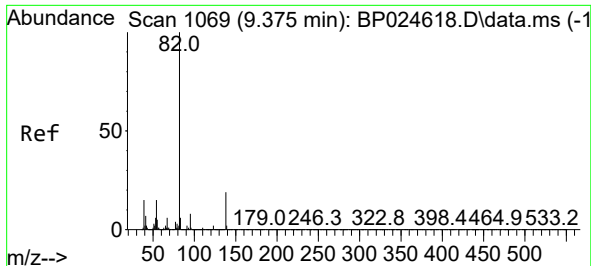
Tgt Ion: 82 Resp: 449036
Ion Ratio Lower Upper
82 100
128 49.9 37.0 55.4
54 52.1 38.7 58.1



#24
Nitrobenzene
Concen: 42.890 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 77 Resp: 241522
Ion Ratio Lower Upper
77 100
123 52.6 37.4 56.0
65 14.3 11.3 16.9

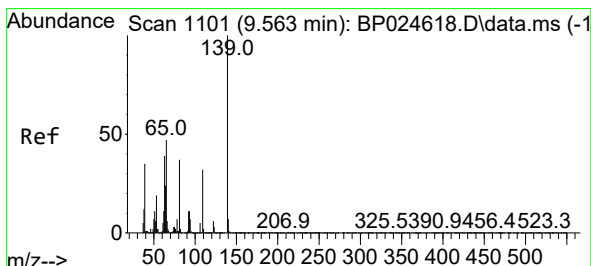
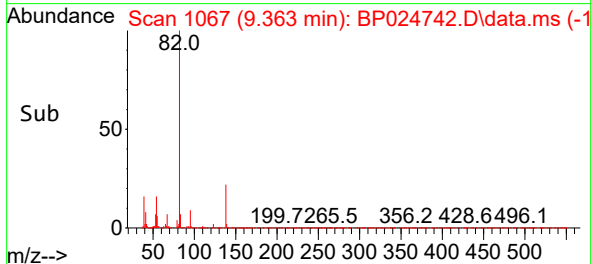
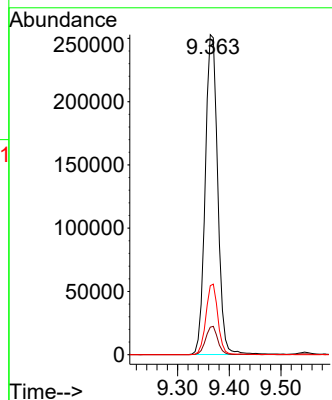
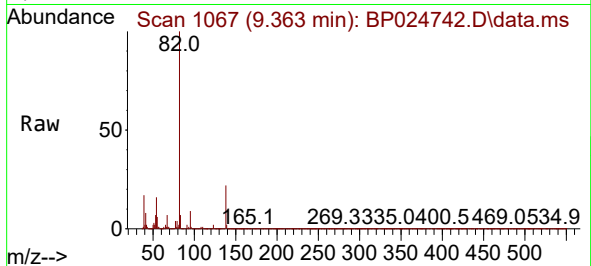




#25
Isophorone
Concen: 38.146 ng
RT: 9.363 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

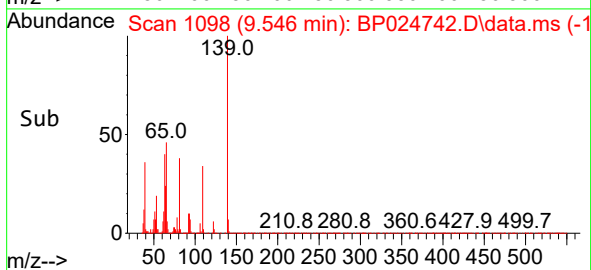
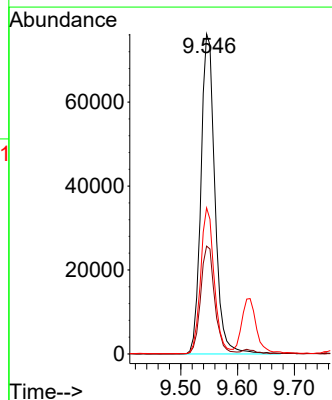
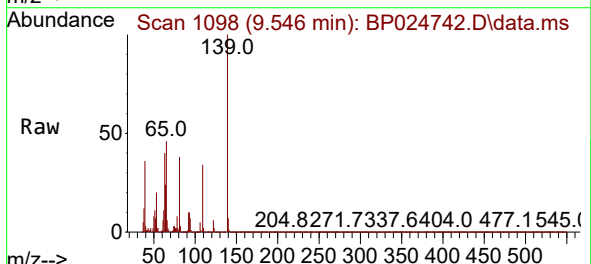
Instrument :
BNA_P
ClientSampleId :
TP-BMS

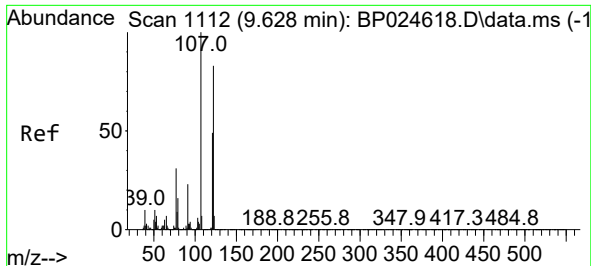
Tgt Ion: 82 Resp: 423406
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 21.6 15.3 22.9



#26
2-Nitrophenol
Concen: 47.308 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 139 Resp: 130539
Ion Ratio Lower Upper
139 100
109 33.7 25.9 38.9
65 45.6 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.054 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

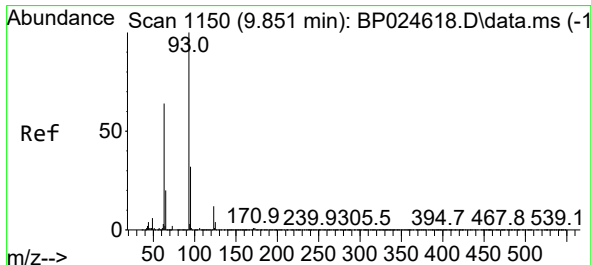
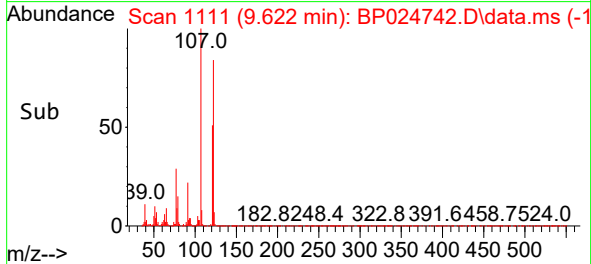
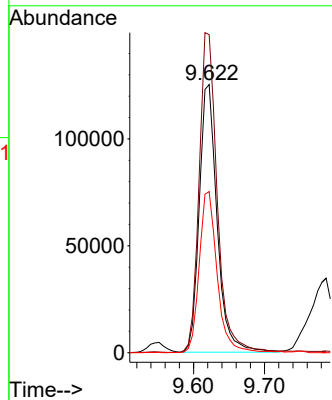
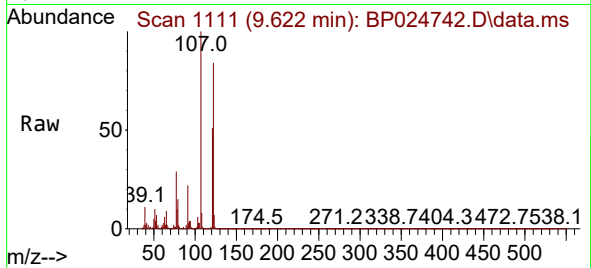
Tgt Ion:122 Resp: 219186

Ion Ratio Lower Upper

122 100

107 118.6 96.2 144.2

121 60.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.378 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

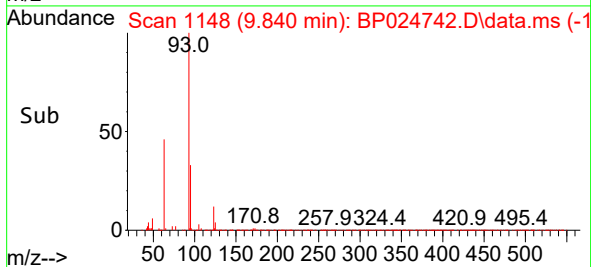
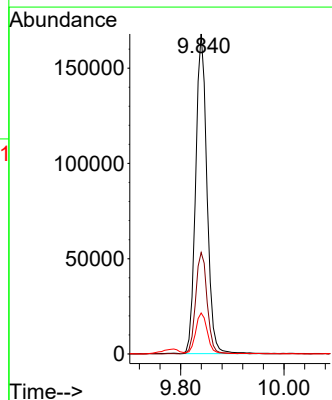
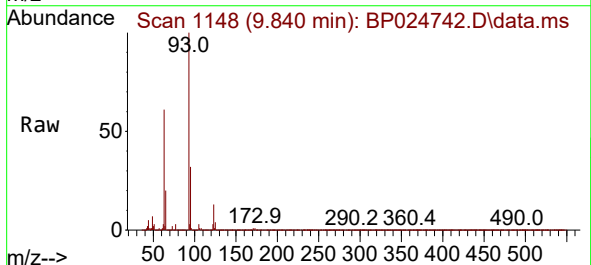
Tgt Ion: 93 Resp: 254502

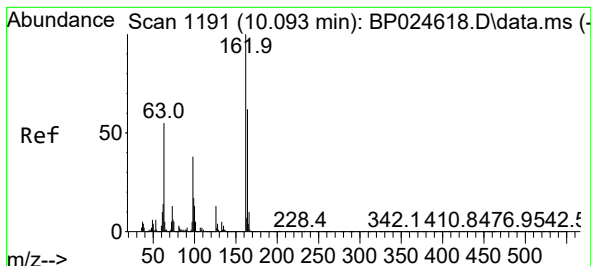
Ion Ratio Lower Upper

93 100

95 31.7 25.5 38.3

123 12.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 46.798 ng

RT: 10.104 min Scan# 1191

Delta R.T. 0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

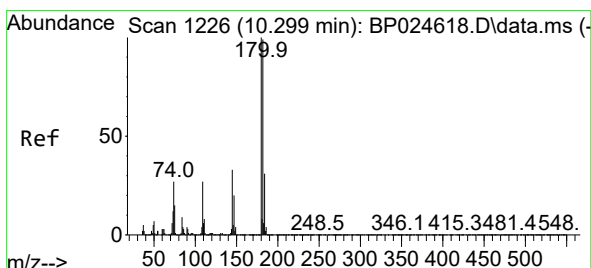
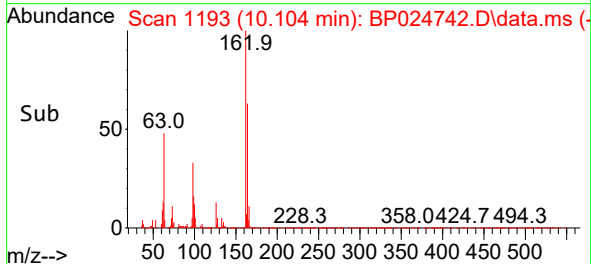
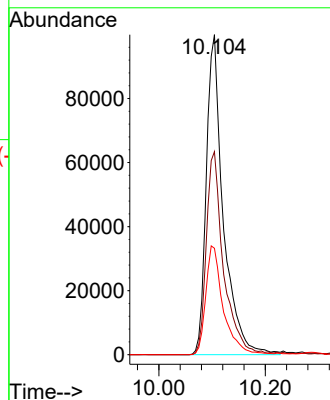
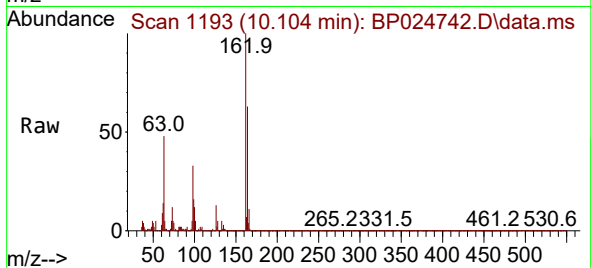
Tgt Ion:162 Resp: 220626

Ion Ratio Lower Upper

162 100

164 63.4 42.3 82.3

98 33.2 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 43.445 ng

RT: 10.287 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

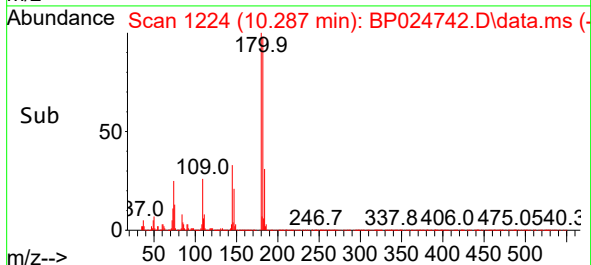
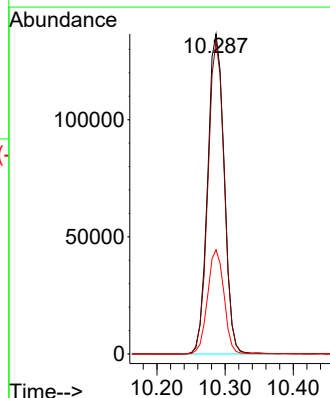
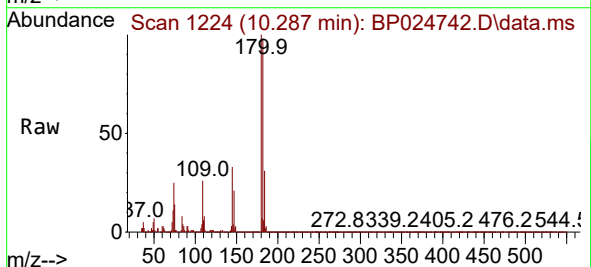
Tgt Ion:180 Resp: 230807

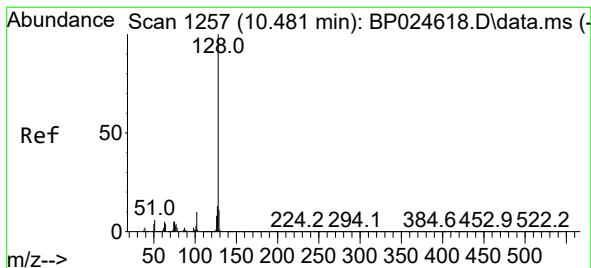
Ion Ratio Lower Upper

180 100

182 97.7 79.0 118.4

145 32.6 26.6 39.8

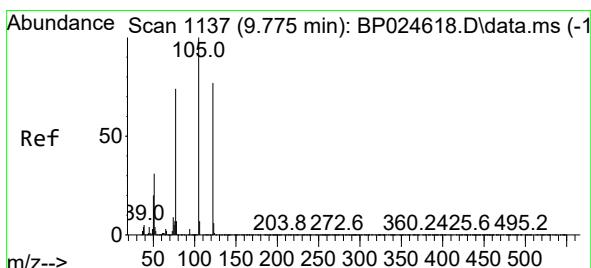
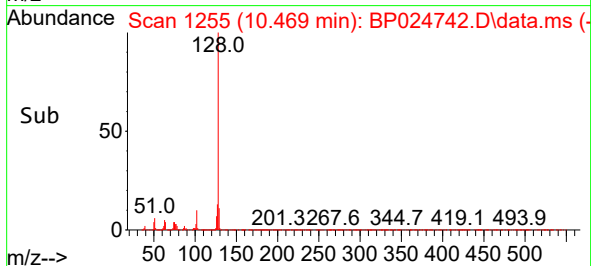
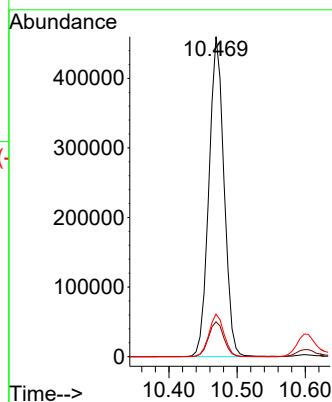
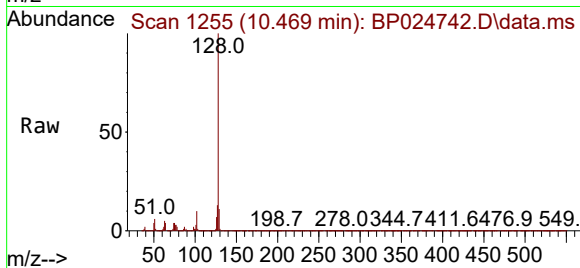




#31
Naphthalene
Concen: 42.279 ng
RT: 10.469 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

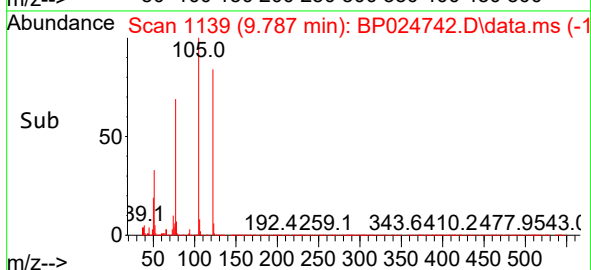
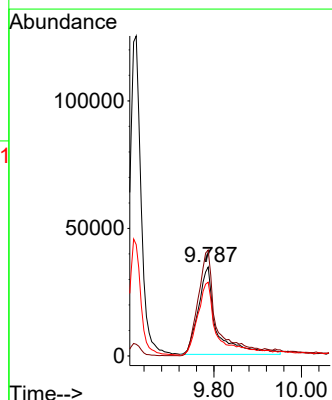
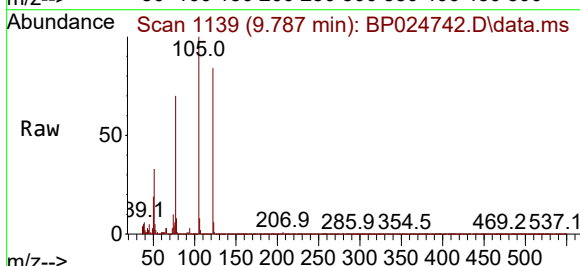
Instrument :
BNA_P
ClientSampleId :
TP-BMS

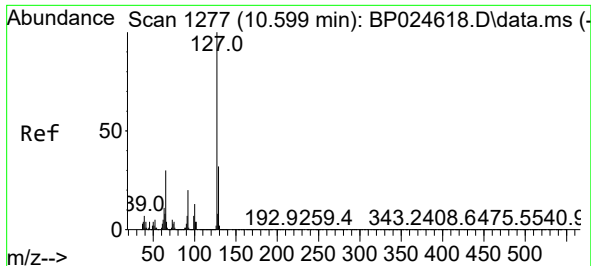
Tgt Ion:128 Resp: 708364
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 32.356 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:122 Resp: 99823
Ion Ratio Lower Upper
122 100
105 119.0 106.9 146.9
77 82.9 75.1 115.1

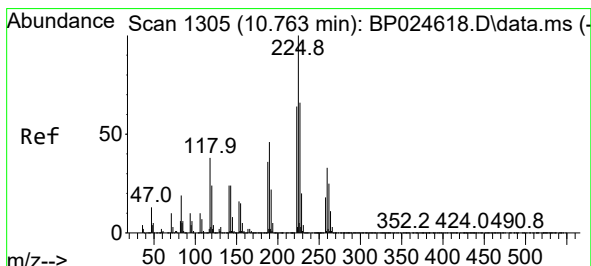
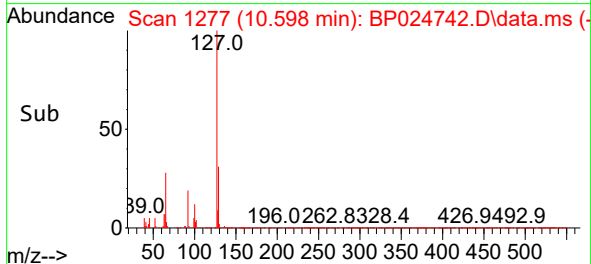
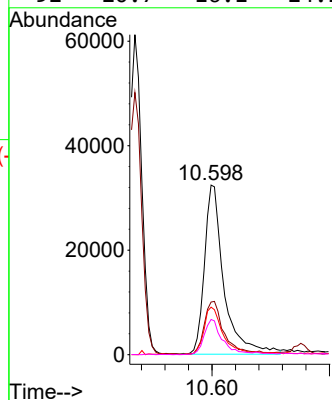
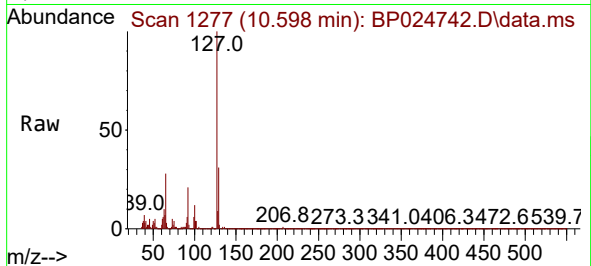




#33
4-Chloroaniline
Concen: 10.989 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

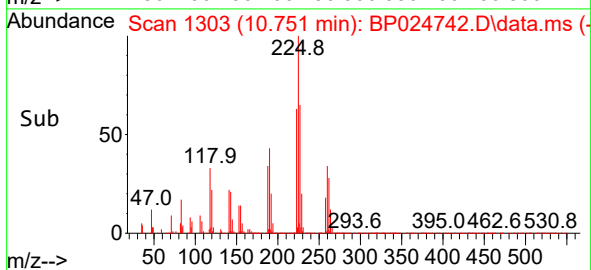
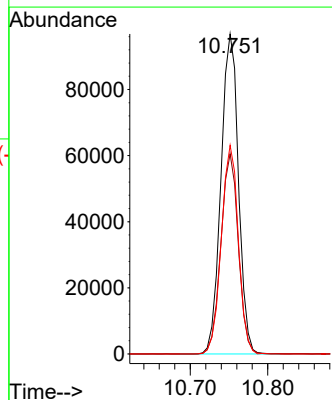
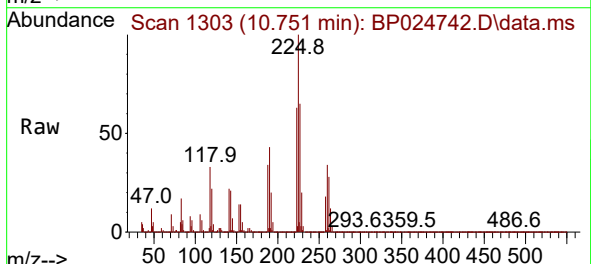
Instrument :
BNA_P
ClientSampleId :
TP-BMS

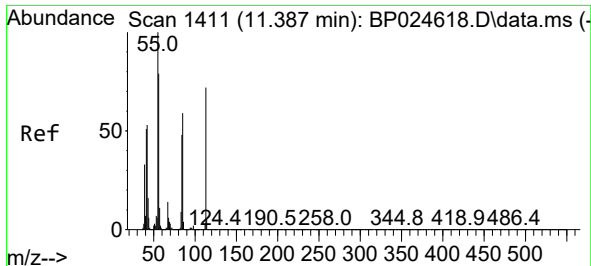
Tgt Ion:	127	Resp:	74294
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	28.0	23.9	35.9
92	20.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.078 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:	225	Resp:	151699
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	65.2	53.1	79.7

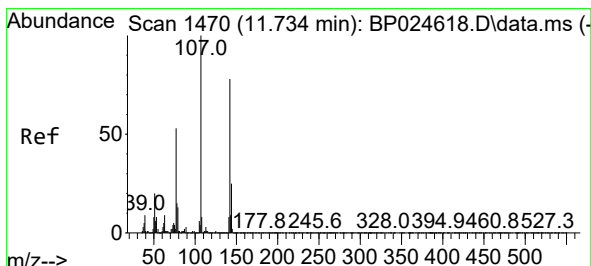
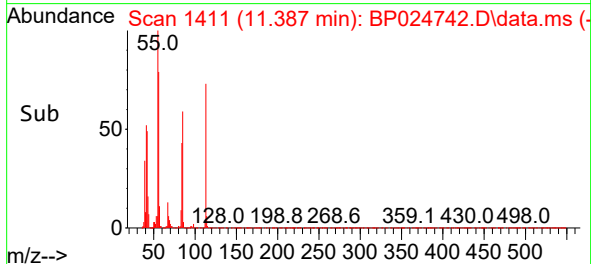
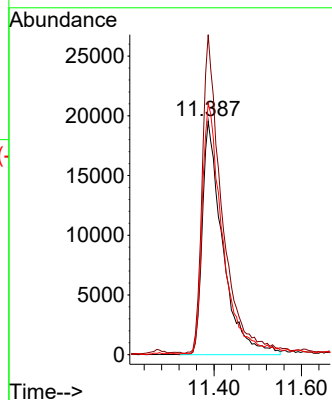
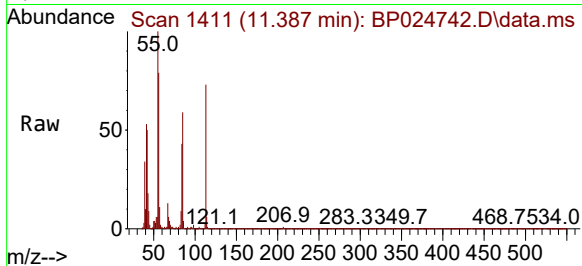




#35
Caprolactam
Concen: 36.815 ng
RT: 11.387 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

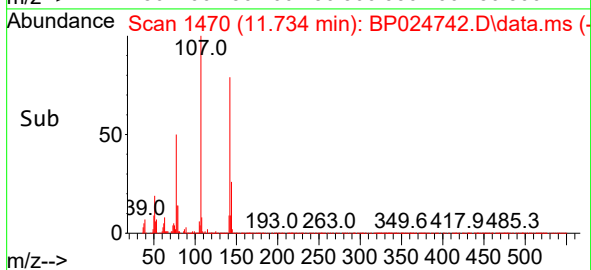
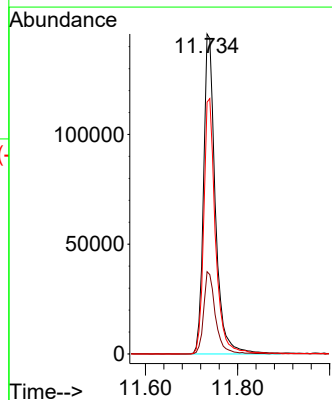
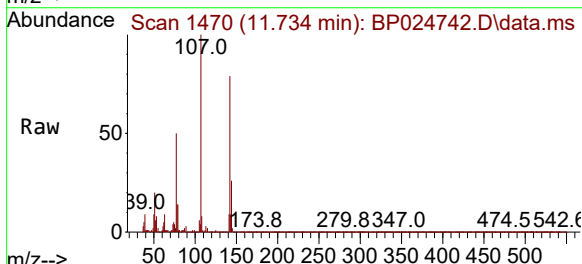
Instrument :
BNA_P
ClientSampleId :
TP-BMS

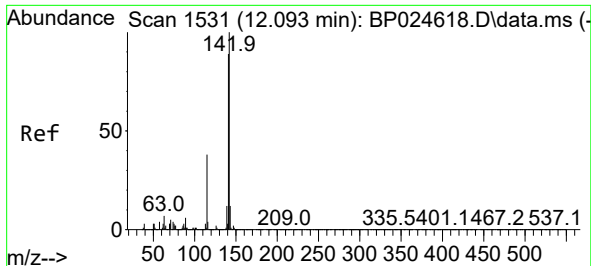
Tgt Ion:113 Resp: 62795
Ion Ratio Lower Upper
113 100
55 137.0 119.0 159.0
56 107.6 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 45.466 ng
RT: 11.734 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:107 Resp: 261392
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 78.7 62.1 93.1

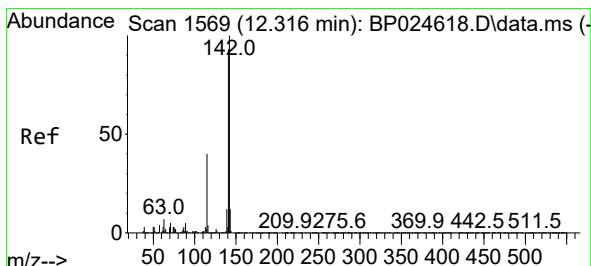
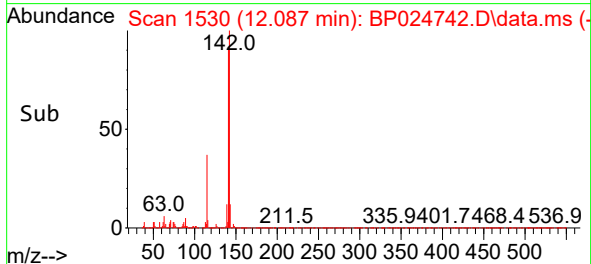
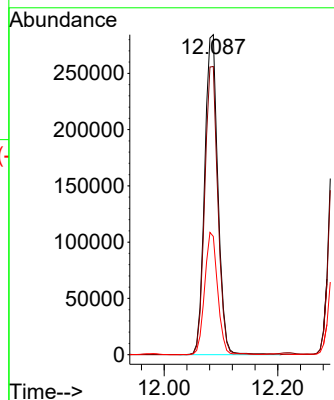
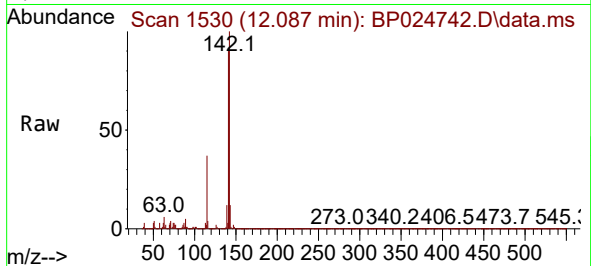




#37
2-Methylnaphthalene
Concen: 42.350 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

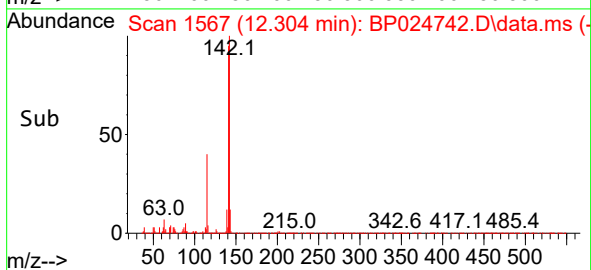
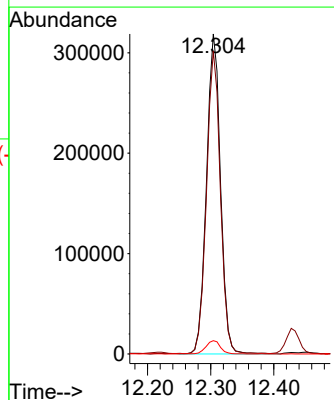
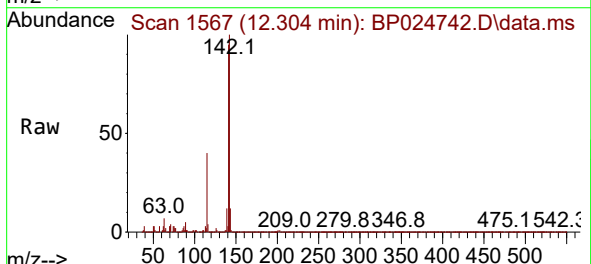
Instrument :
BNA_P
ClientSampleId :
TP-BMS

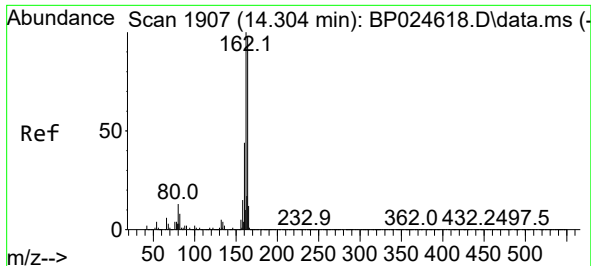
Tgt Ion:142 Resp: 459446
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 37.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 42.465 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:142 Resp: 492925
Ion Ratio Lower Upper
142 100
141 94.7 74.7 112.1
116 4.1 3.4 5.2

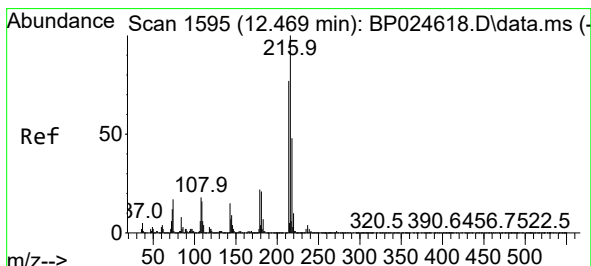
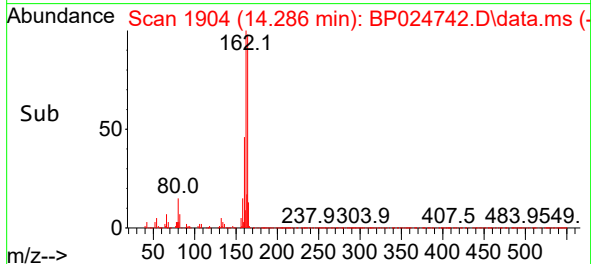
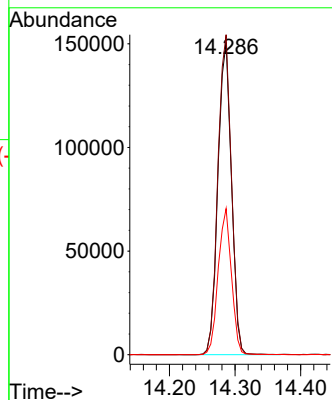
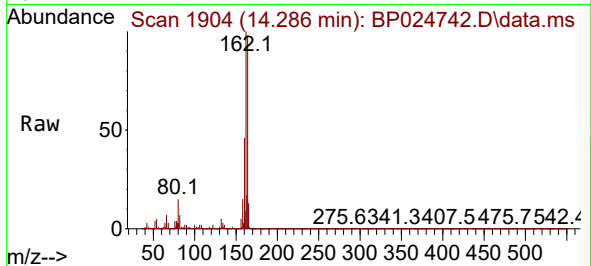




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

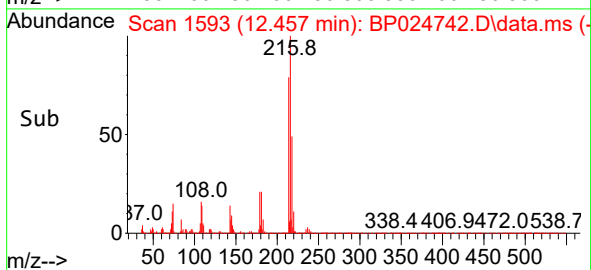
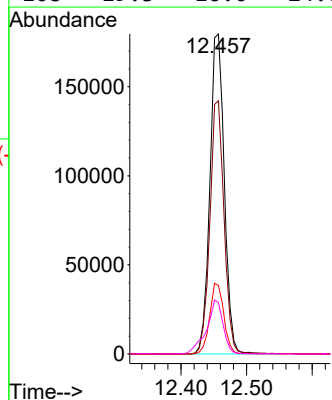
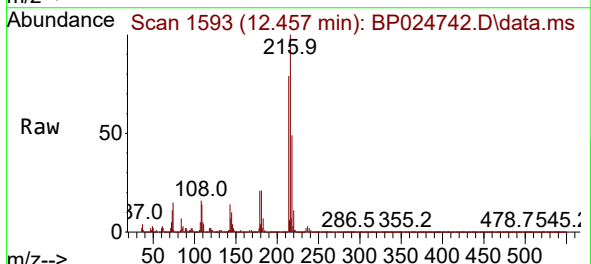
Instrument :
BNA_P
ClientSampleId :
TP-BMS

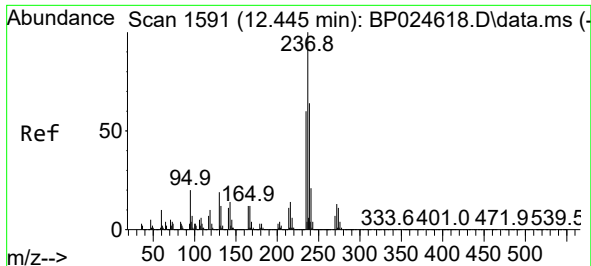
Tgt Ion:164 Resp: 214265
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 46.8 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.192 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:216 Resp: 274961
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 21.7 17.7 26.5
108 19.3 16.0 24.0

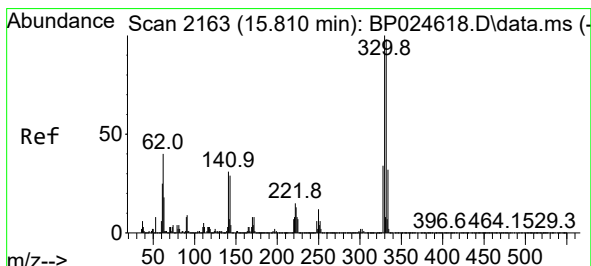
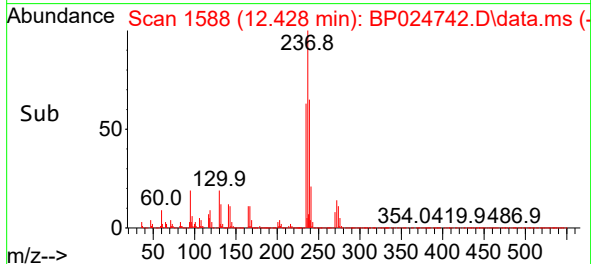
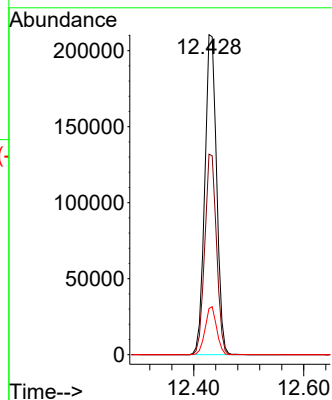
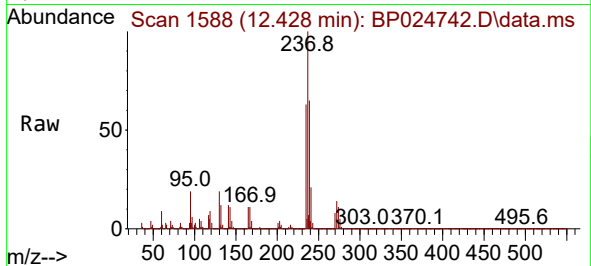




#41
Hexachlorocyclopentadiene
Concen: 82.992 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

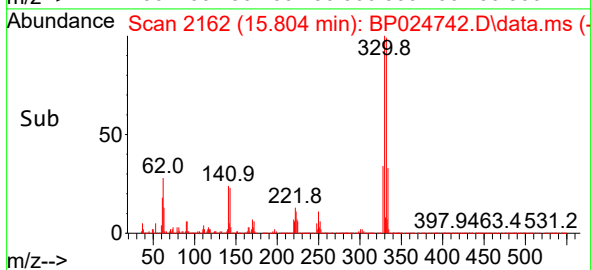
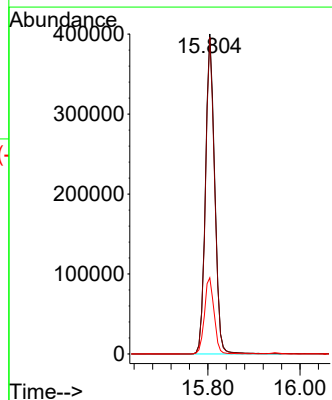
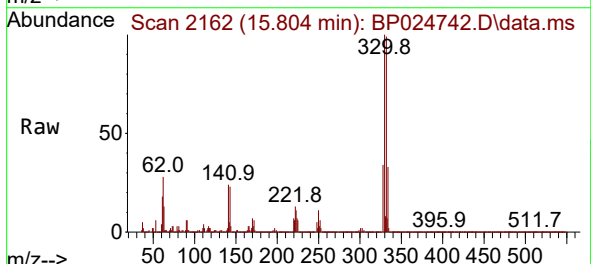
Instrument :
BNA_P
ClientSampleId :
TP-BMS

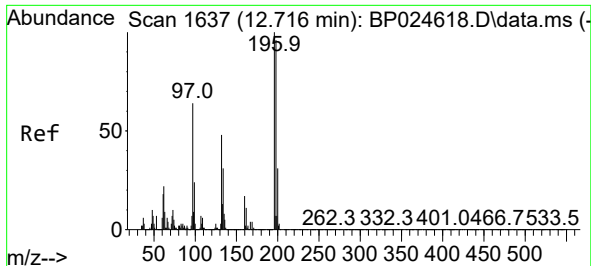
Tgt Ion: 237 Resp: 313113
Ion Ratio Lower Upper
237 100
235 62.6 39.9 79.9
272 14.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 154.804 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 330 Resp: 562310
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 24.8 24.3 36.5

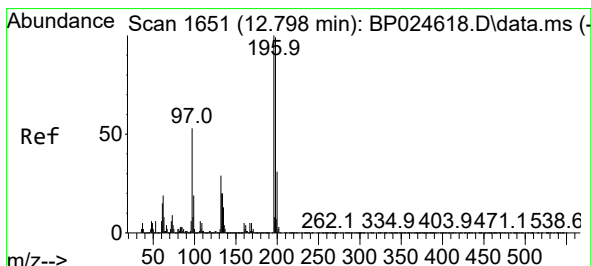
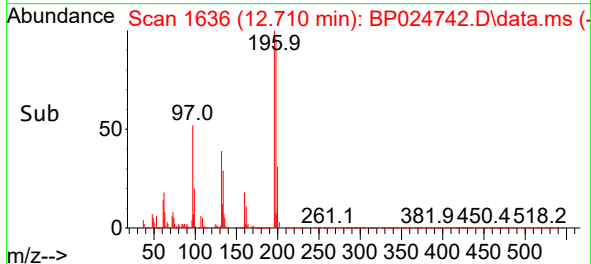
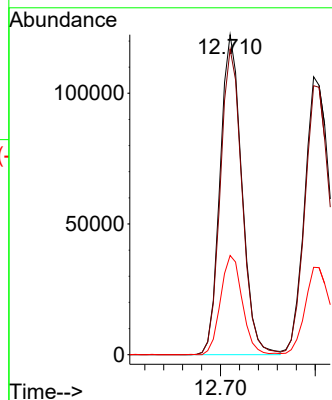
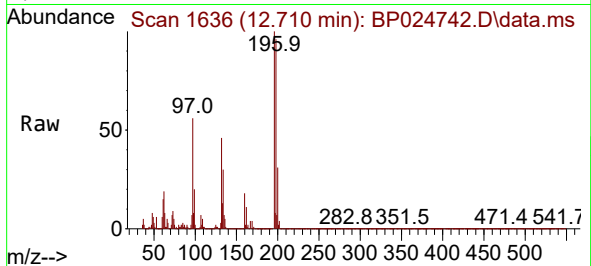




#43
2,4,6-Trichlorophenol
Concen: 48.592 ng
RT: 12.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

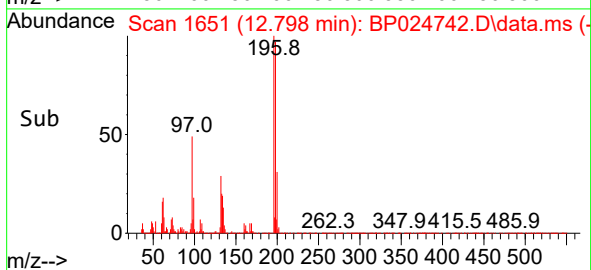
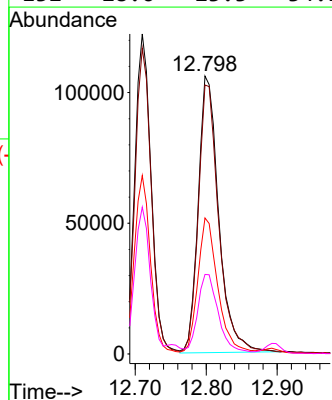
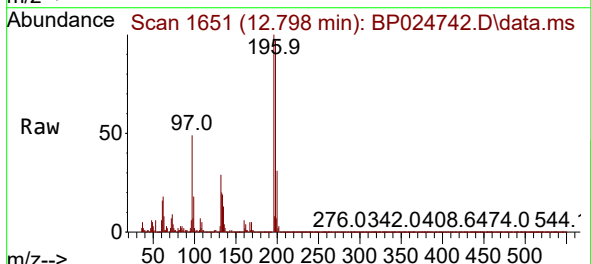
Instrument :
BNA_P
ClientSampleId :
TP-BMS

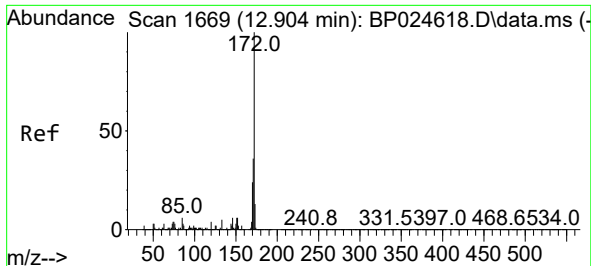
Tgt Ion:196 Resp: 195828
Ion Ratio Lower Upper
196 100
198 95.5 76.9 115.3
200 31.0 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 47.600 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:196 Resp: 213532
Ion Ratio Lower Upper
196 100
198 96.8 79.2 118.8
97 48.9 42.3 63.5
132 28.6 23.3 34.9

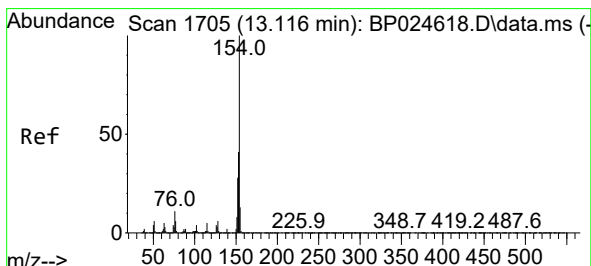
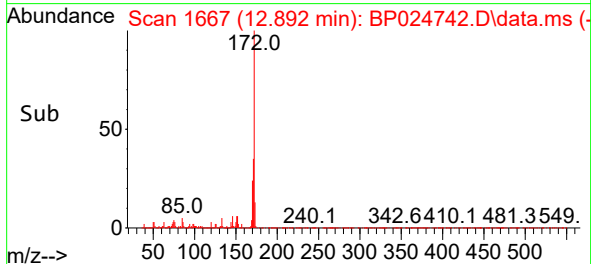
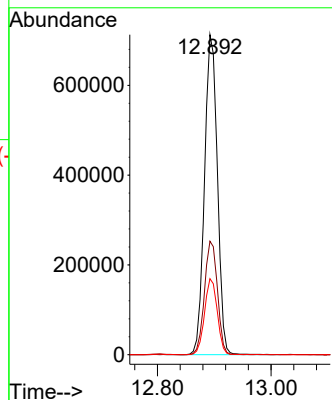
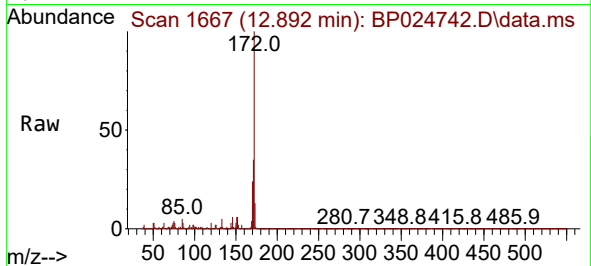




#45
2-Fluorobiphenyl
Concen: 68.378 ng
RT: 12.892 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

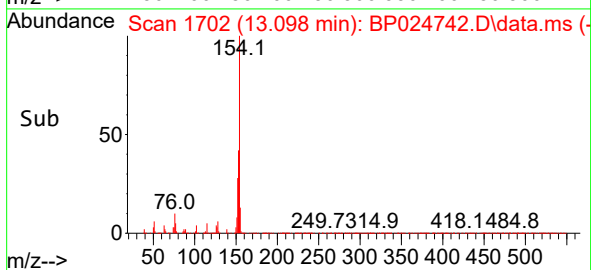
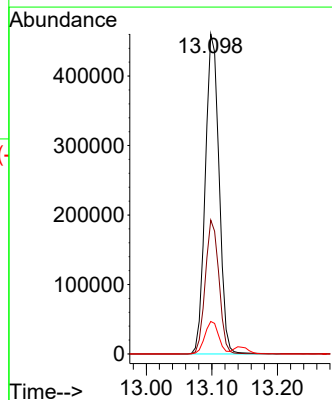
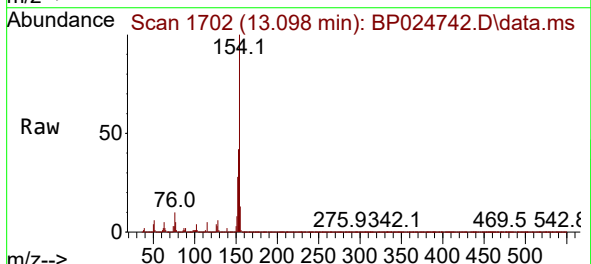
Instrument :
BNA_P
ClientSampleId :
TP-BMS

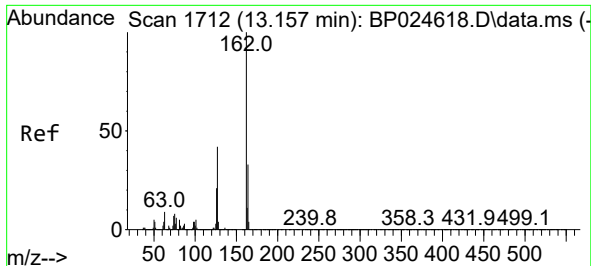
Tgt Ion:172 Resp: 1118285
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.613 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:154 Resp: 674843
Ion Ratio Lower Upper
154 100
153 41.9 21.0 61.0
76 10.1 0.0 31.5

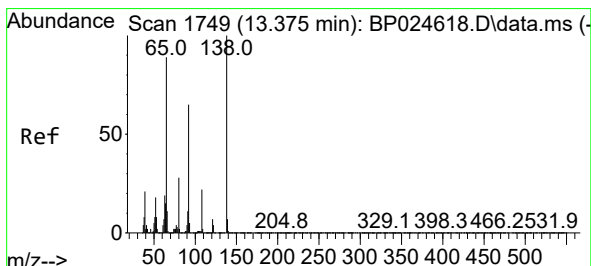
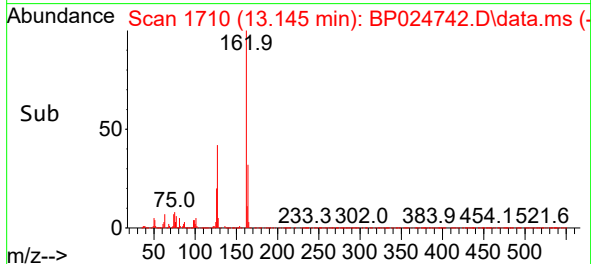
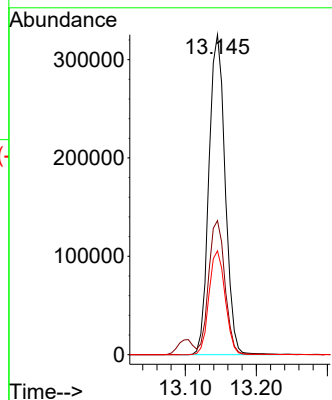
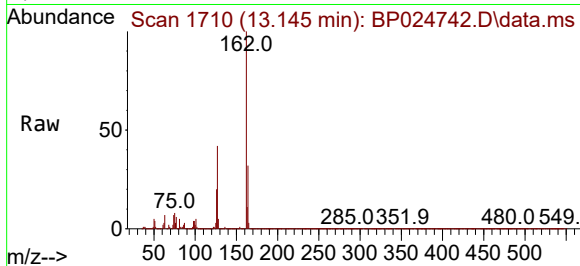




#47
2-Chloronaphthalene
Concen: 42.789 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

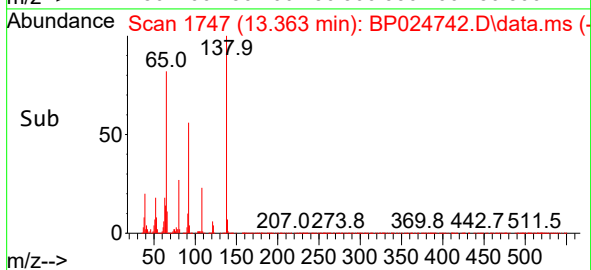
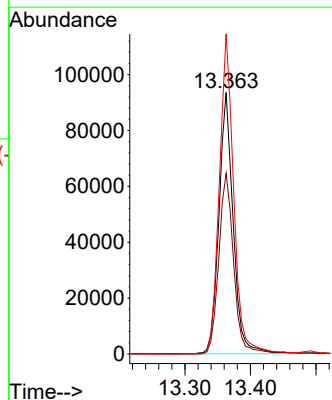
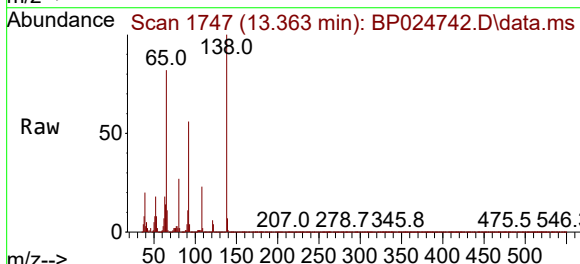
Instrument :
BNA_P
ClientSampleId :
TP-BMS

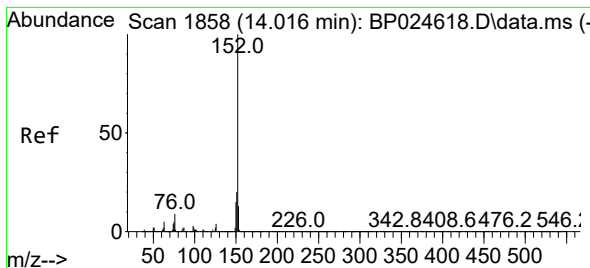
Tgt Ion:162 Resp: 516680
Ion Ratio Lower Upper
162 100
127 41.9 33.8 50.6
164 32.4 26.0 39.0



#48
2-Nitroaniline
Concen: 39.446 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion: 65 Resp: 141017
Ion Ratio Lower Upper
65 100
92 69.1 58.7 88.1
138 122.4 90.2 135.2





#49

Acenaphthylene

Concen: 43.496 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

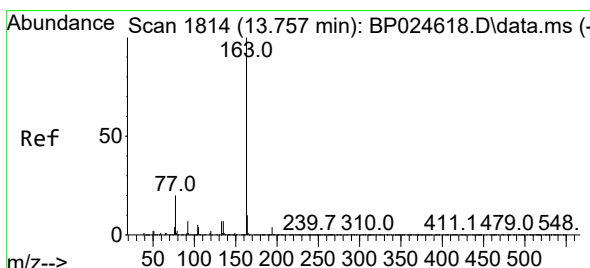
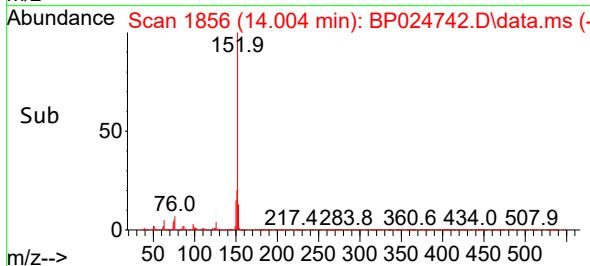
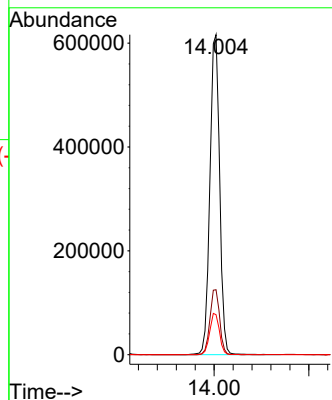
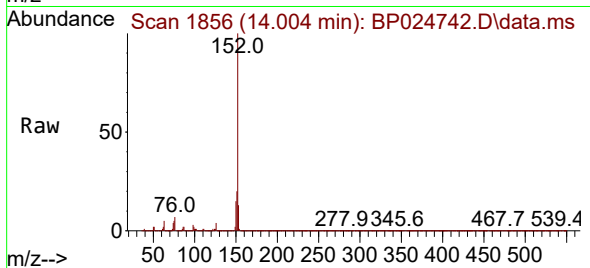
Tgt Ion:152 Resp: 878928

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 12.5 10.2 15.4



#50

Dimethylphthalate

Concen: 45.069 ng

RT: 13.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

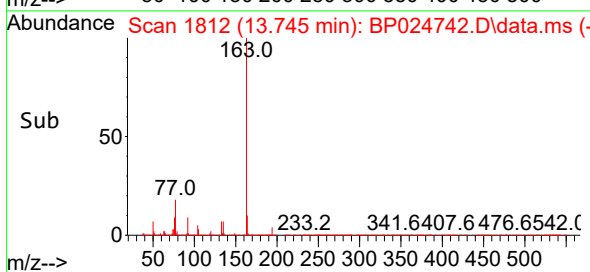
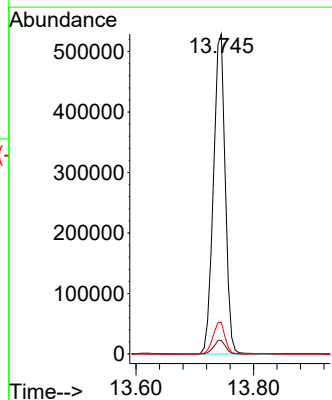
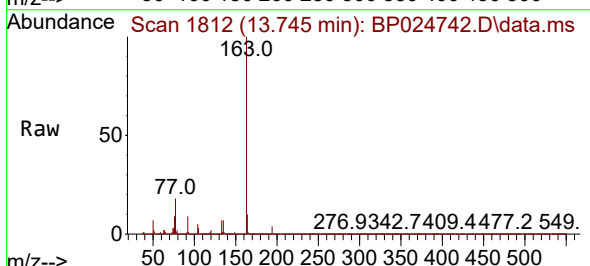
Tgt Ion:163 Resp: 736042

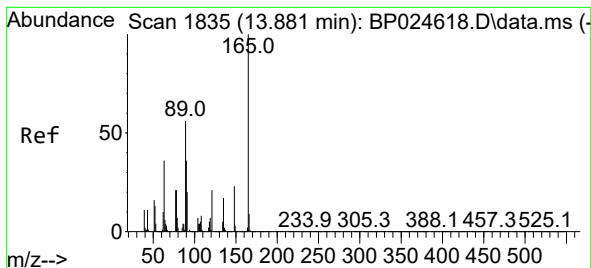
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.151 ng

RT: 13.863 min Scan# 1832

Delta R.T. -0.018 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

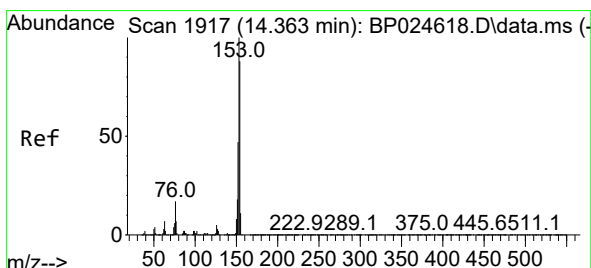
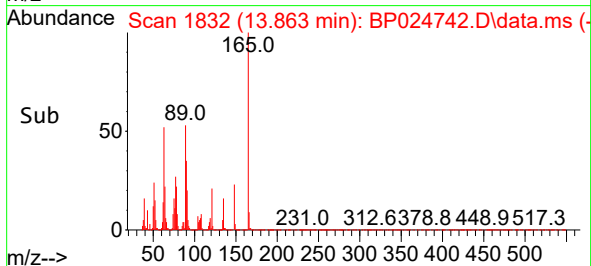
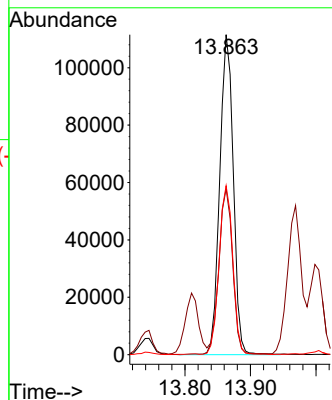
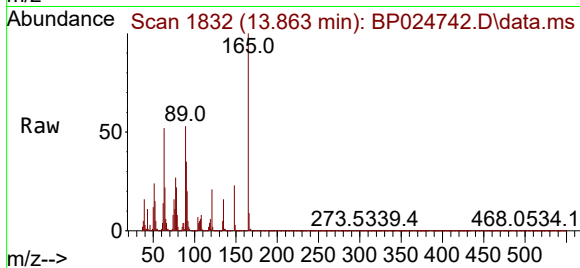
Tgt Ion:165 Resp: 159178

Ion Ratio Lower Upper

165 100

63 51.8 42.4 63.6

89 52.8 44.8 67.2



#52

Acenaphthene

Concen: 43.495 ng

RT: 14.345 min Scan# 1914

Delta R.T. -0.018 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

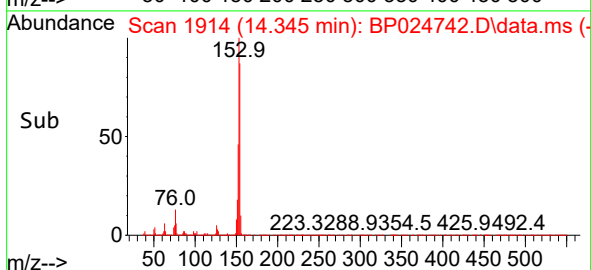
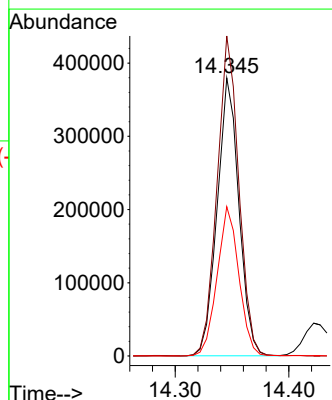
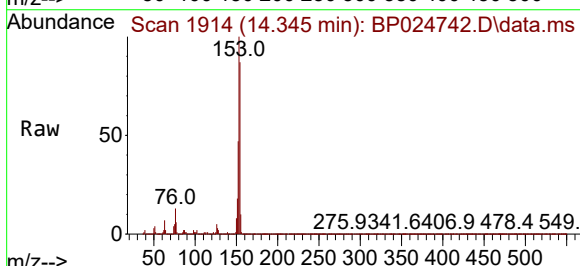
Tgt Ion:154 Resp: 505275

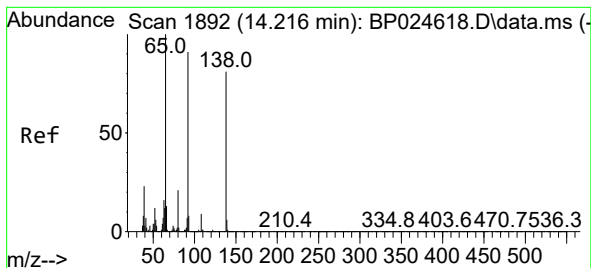
Ion Ratio Lower Upper

154 100

153 115.0 91.0 136.4

152 53.7 42.9 64.3





#53

3-Nitroaniline

Concen: 24.199 ng

RT: 14.204 min Scan# 1890

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

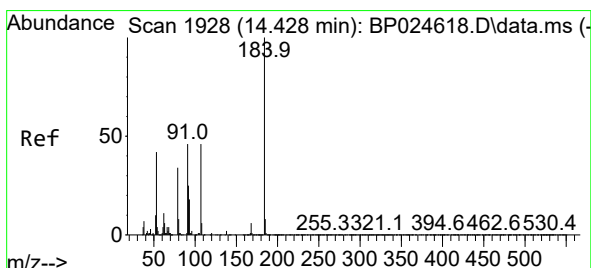
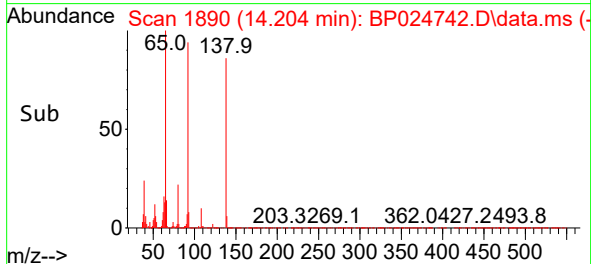
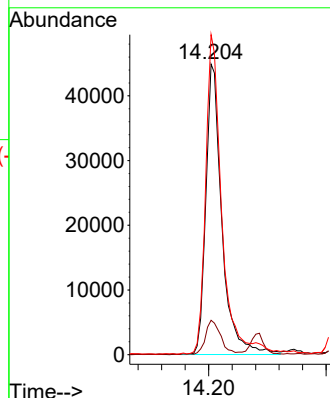
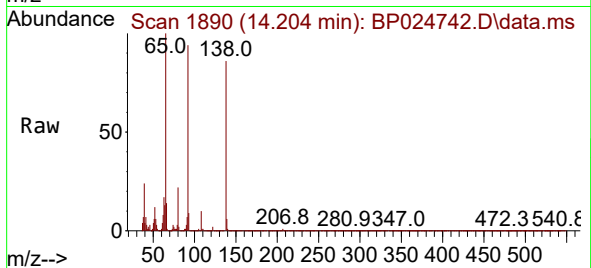
Tgt Ion:138 Resp: 85223

Ion Ratio Lower Upper

138 100

108 11.8 9.0 13.4

92 110.1 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 63.456 ng

RT: 14.422 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

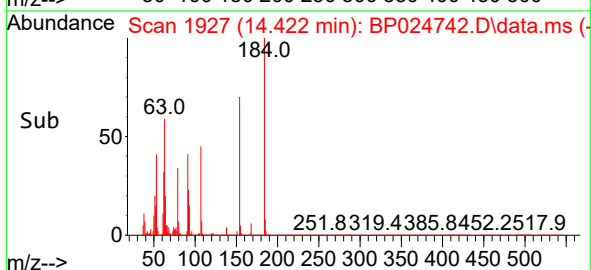
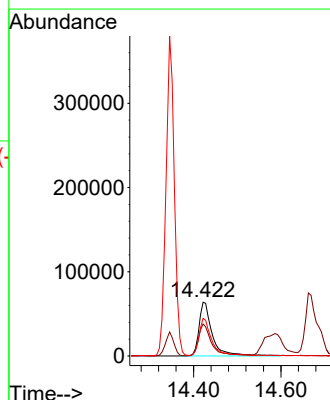
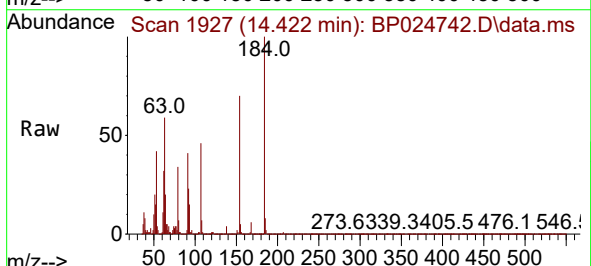
Tgt Ion:184 Resp: 134885

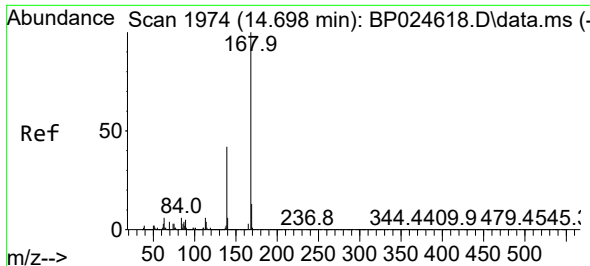
Ion Ratio Lower Upper

184 100

63 59.4 51.3 76.9

154 70.1 53.5 80.3

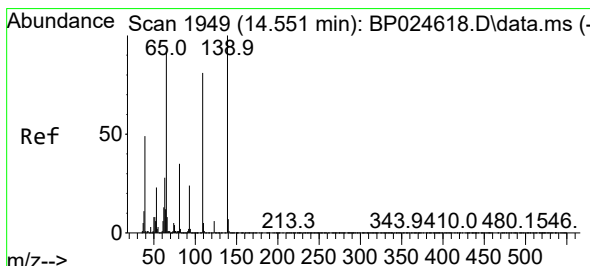
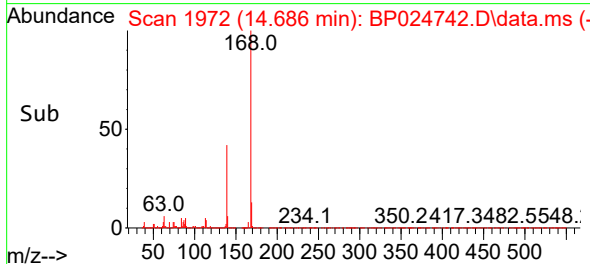
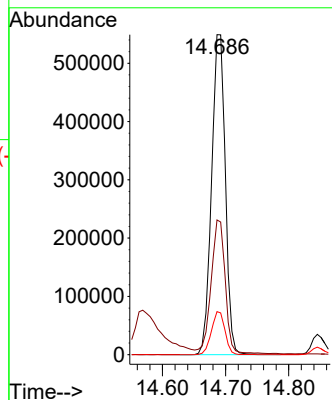
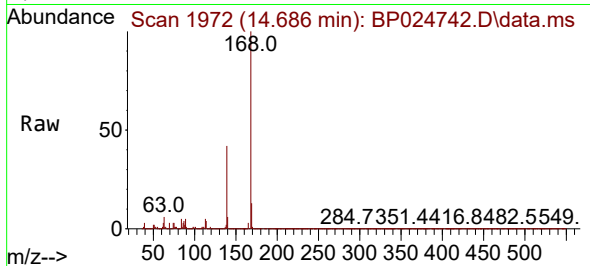




#55
Dibenzofuran
Concen: 44.745 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

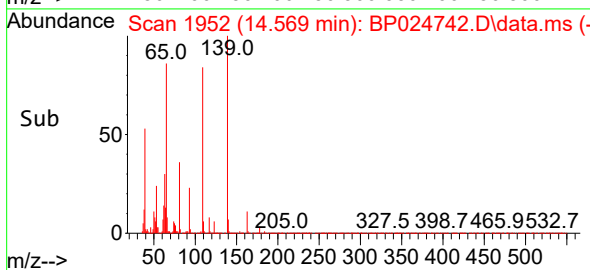
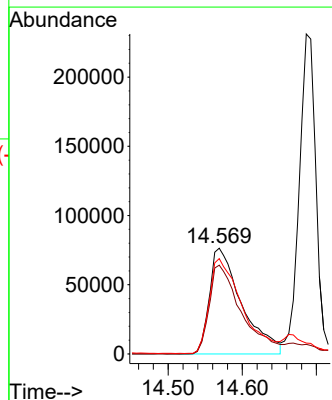
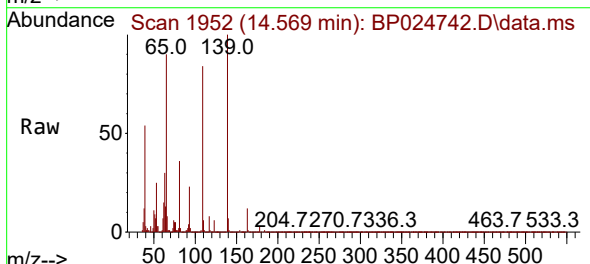
Instrument :
BNA_P
ClientSampleId :
TP-BMS

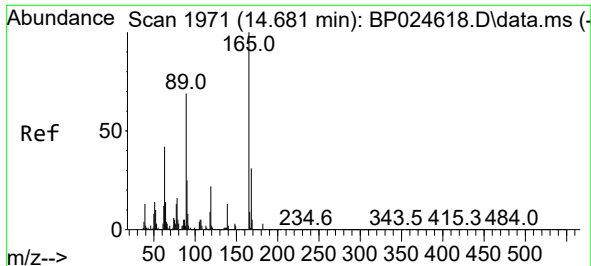
Tgt Ion:168 Resp: 829108
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 76.127 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:139 Resp: 231448
Ion Ratio Lower Upper
139 100
109 84.0 61.4 101.4
65 90.2 72.2 112.2

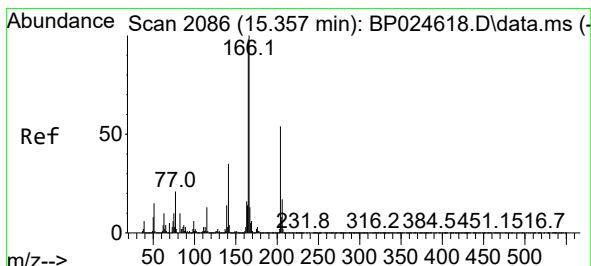
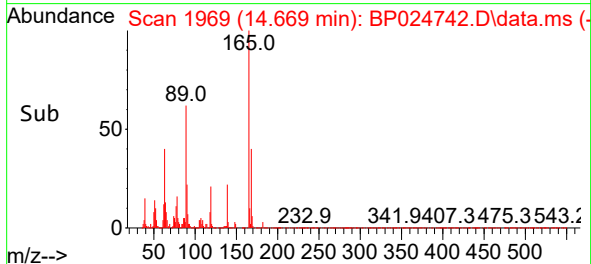
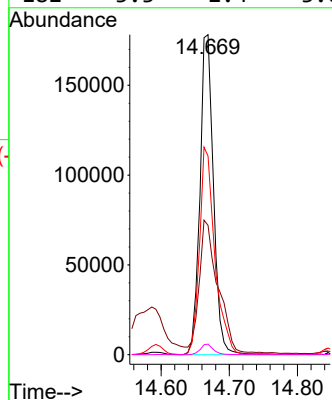
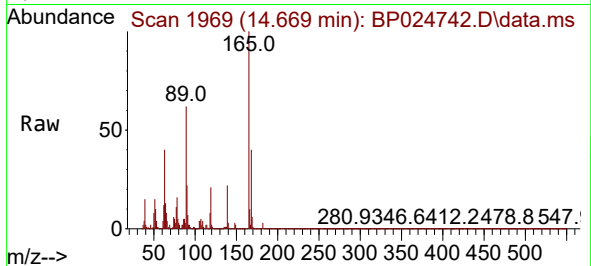




#57
2,4-Dinitrotoluene
Concen: 50.499 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

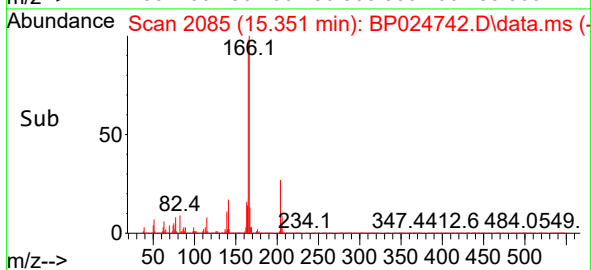
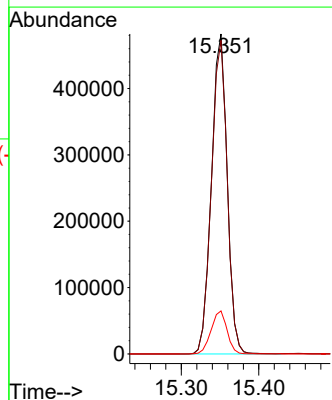
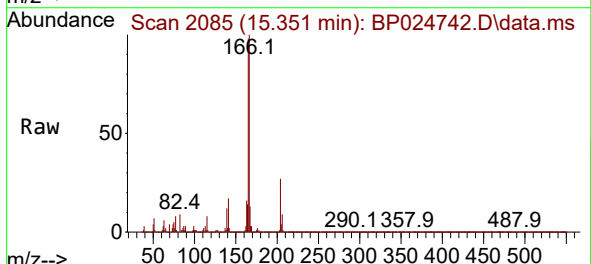
Instrument :
BNA_P
ClientSampleId :
TP-BMS

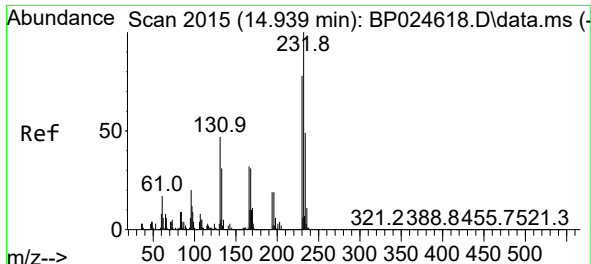
Tgt Ion:	165	Resp:	245556
Ion Ratio	Lower	Upper	
165	100		
63	40.4	33.8	50.6
89	62.1	55.6	83.4
182	3.3	2.4	3.6



#58
Fluorene
Concen: 45.016 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:	166	Resp:	680145
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.5	117.7
167	13.4	10.7	16.1

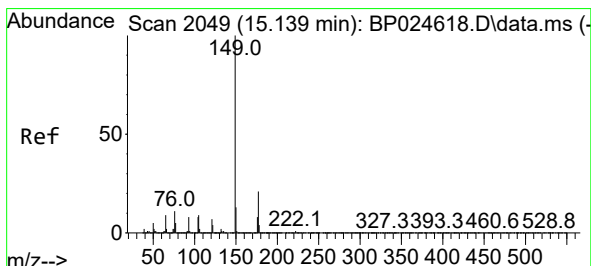
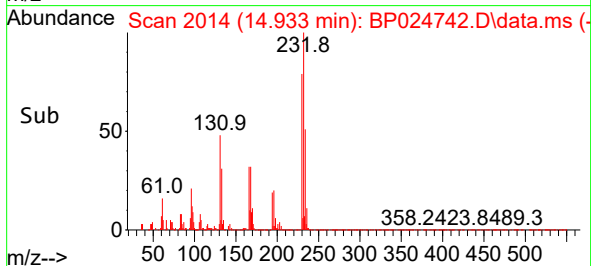
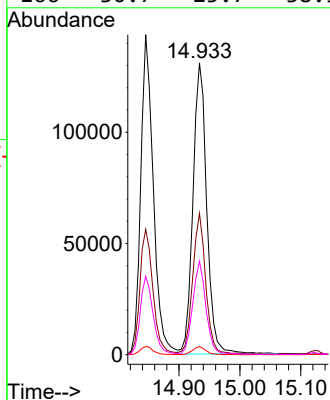
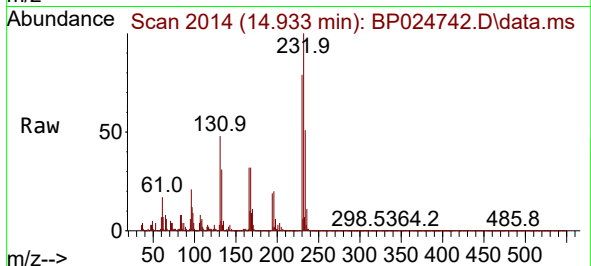




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.422 ng
RT: 14.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

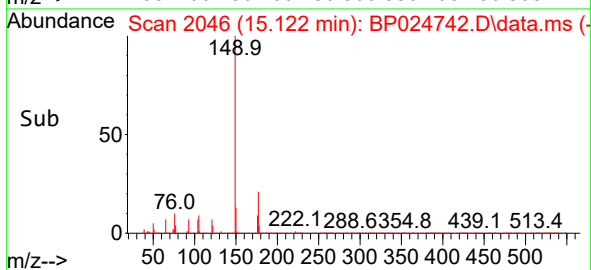
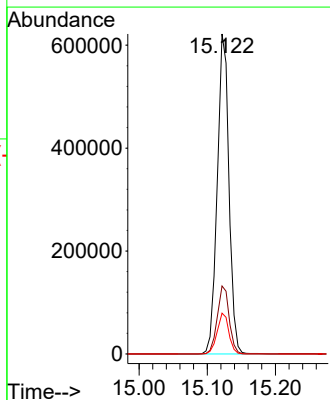
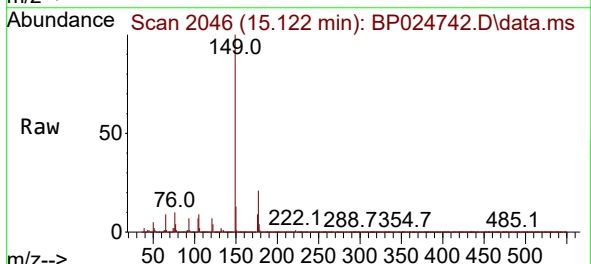
Instrument :
BNA_P
ClientSampleId :
TP-BMS

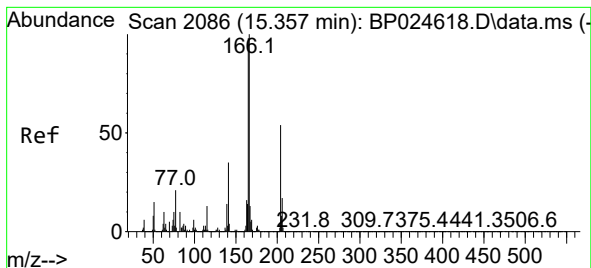
Tgt Ion:232 Resp: 205667
Ion Ratio Lower Upper
232 100
131 45.8 39.5 59.3
130 2.6 2.2 3.4
166 30.7 25.7 38.5



#60
Diethylphthalate
Concen: 45.014 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:149 Resp: 743020
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.8 10.2 15.2

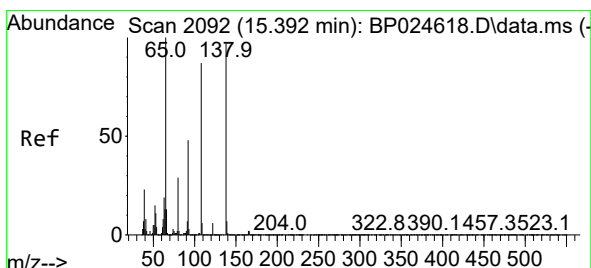
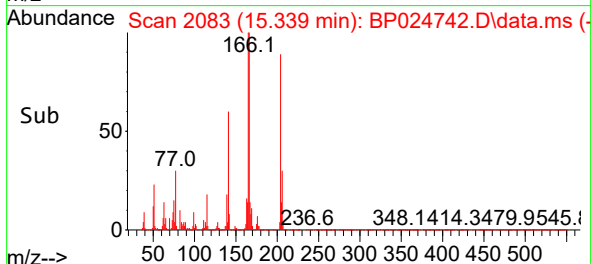
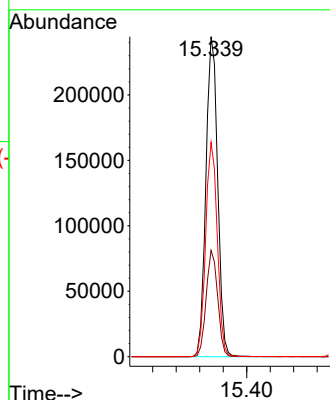
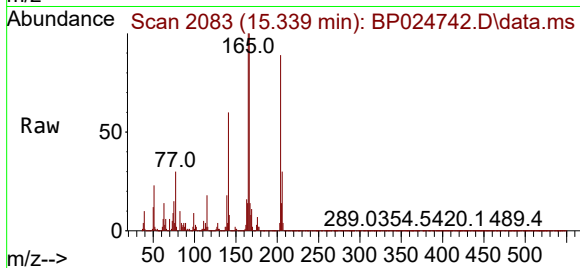




#61
4-Chlorophenyl-phenylether
Concen: 45.079 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

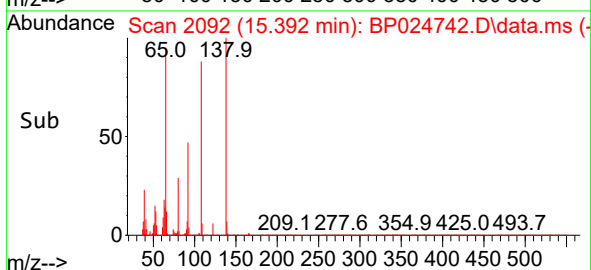
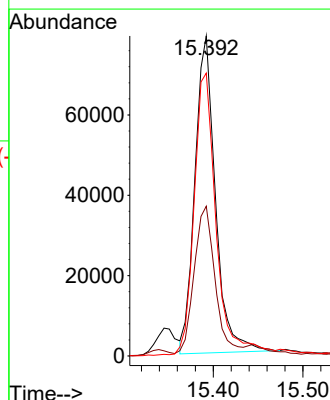
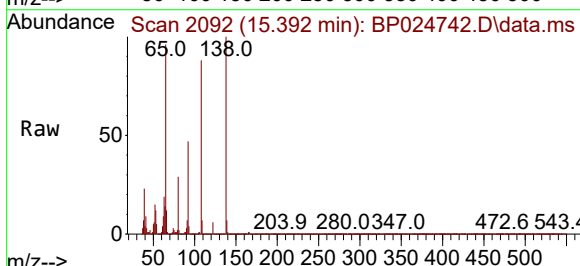
Instrument :
BNA_P
ClientSampleId :
TP-BMS

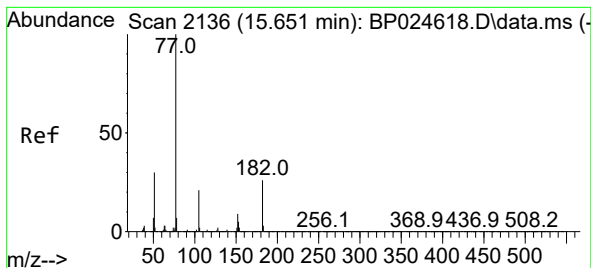
Tgt Ion:204 Resp: 339666
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 67.0 52.9 79.3



#62
4-Nitroaniline
Concen: 36.876 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:138 Resp: 125397
Ion Ratio Lower Upper
138 100
92 46.8 29.2 69.2
108 88.4 69.0 109.0

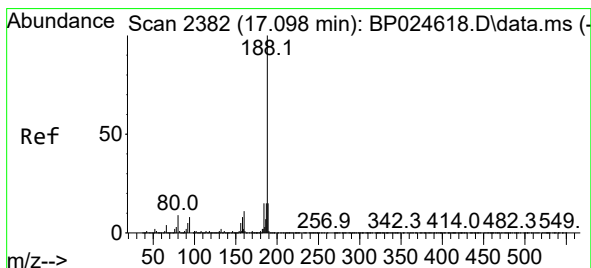
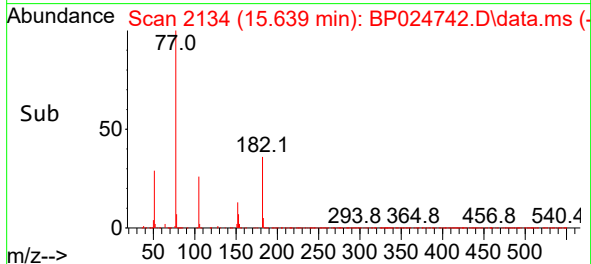
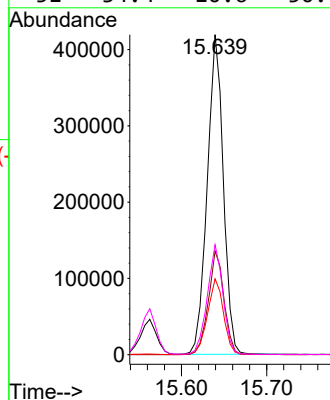
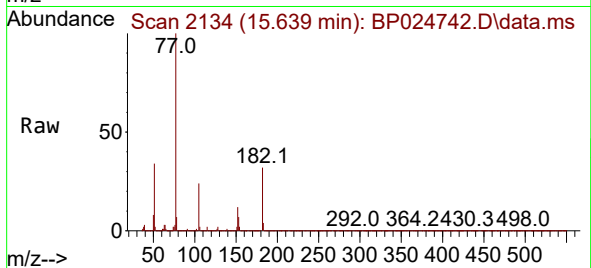




#63
Azobenzene
Concen: 38.893 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

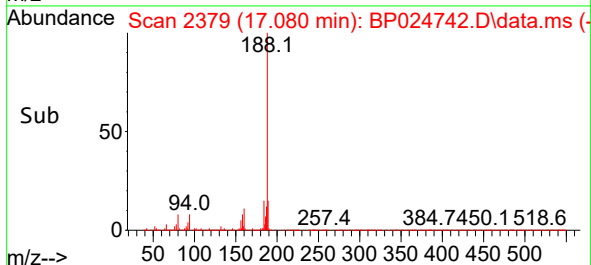
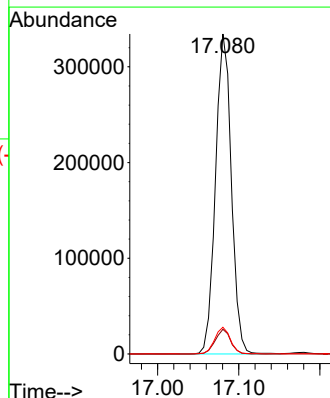
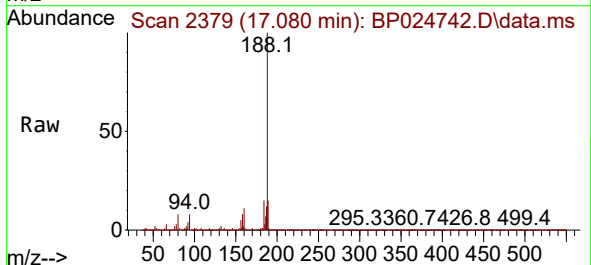
Instrument :
BNA_P
ClientSampleId :
TP-BMS

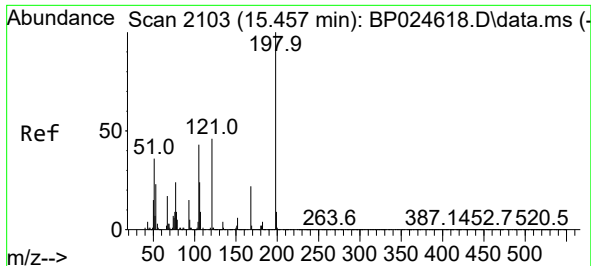
Tgt Ion:	77	Resp:	549199
Ion	Ratio	Lower	Upper
77	100		
182	32.4	5.7	45.7
105	23.7	1.3	41.3
51	34.4	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:	188	Resp:	453341
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.4	7.3	10.9

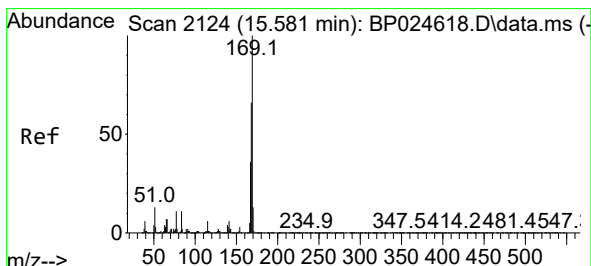
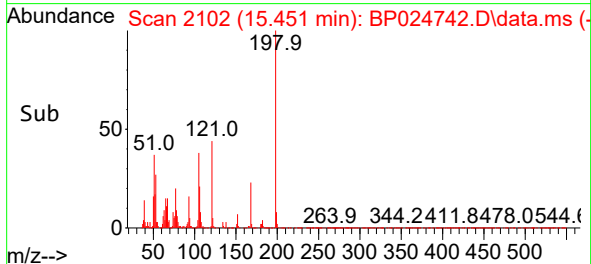
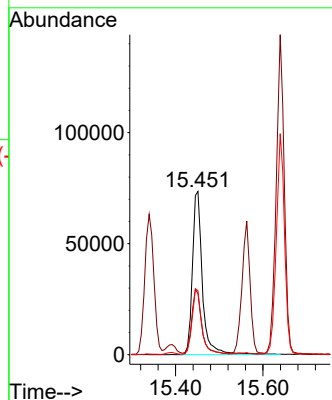
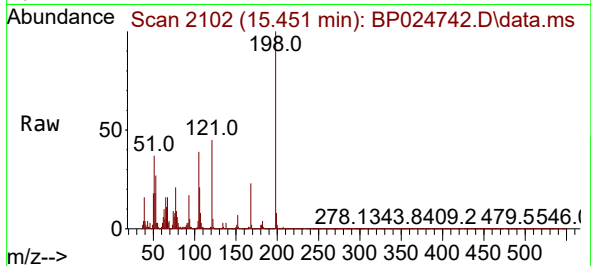




#65
4,6-Dinitro-2-methylphenol
Concen: 39.943 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

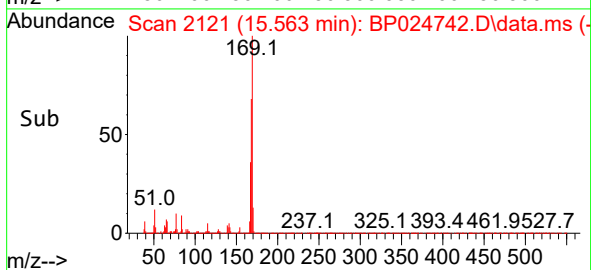
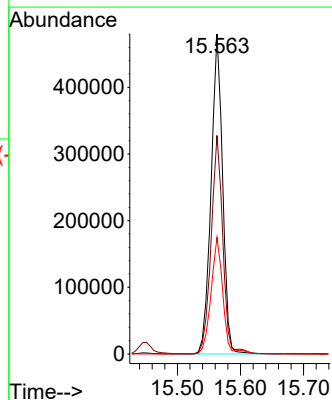
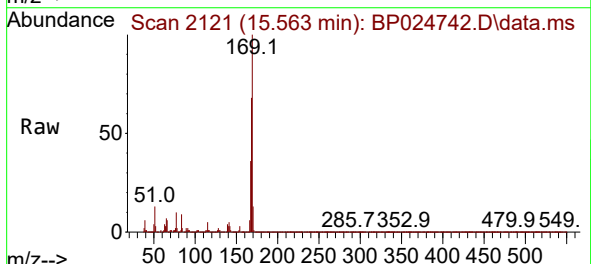
Instrument :
BNA_P
ClientSampleId :
TP-BMS

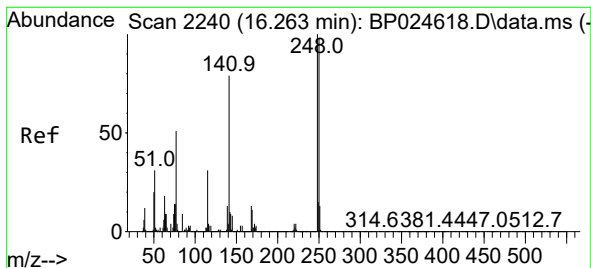
Tgt Ion:198 Resp: 116966
Ion Ratio Lower Upper
198 100
51 37.3 21.1 61.1
105 39.2 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 43.698 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:169 Resp: 608489
Ion Ratio Lower Upper
169 100
168 68.3 53.2 79.8
167 36.4 28.6 43.0

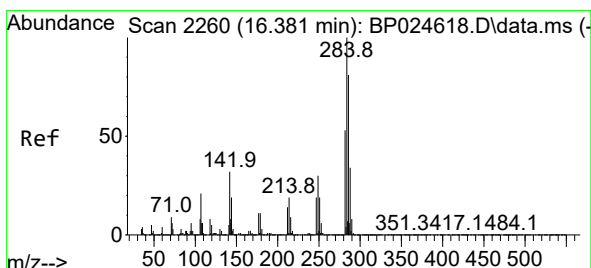
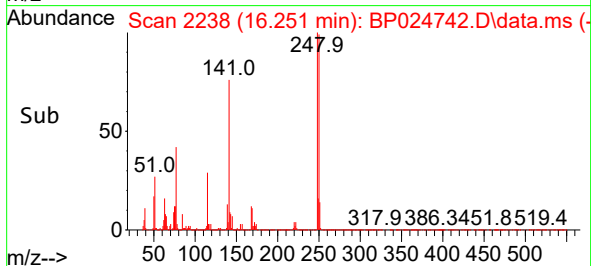
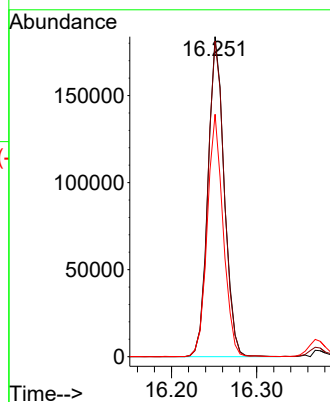
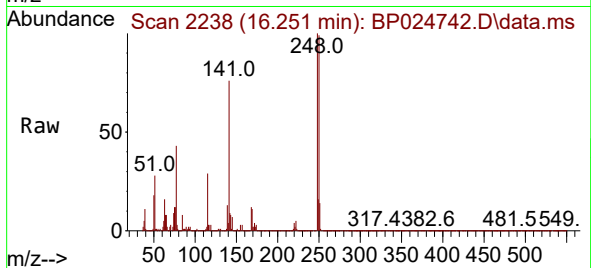




#67
4-Bromophenyl-phenylether
Concen: 45.641 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

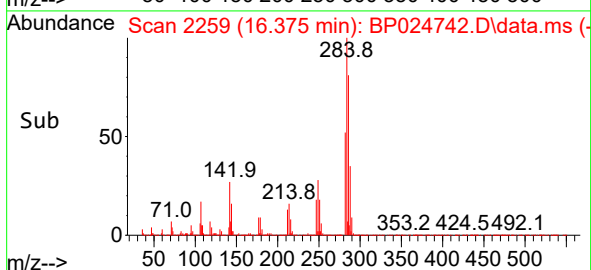
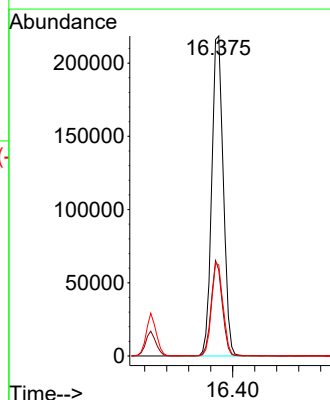
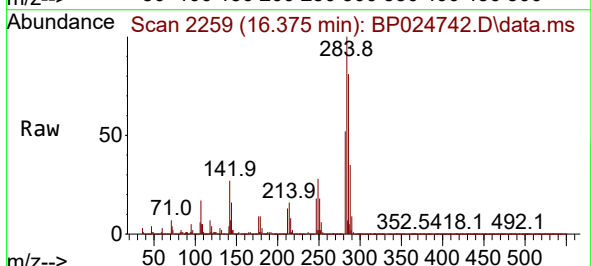
Instrument :
BNA_P
ClientSampleId :
TP-BMS

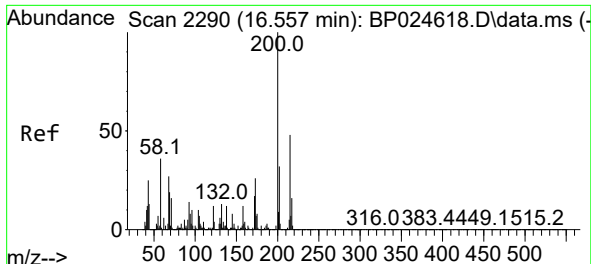
Tgt Ion:248 Resp: 243811
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 75.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 47.005 ng
RT: 16.375 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:284 Resp: 319067
Ion Ratio Lower Upper
284 100
142 26.9 25.9 38.9
249 28.4 24.1 36.1

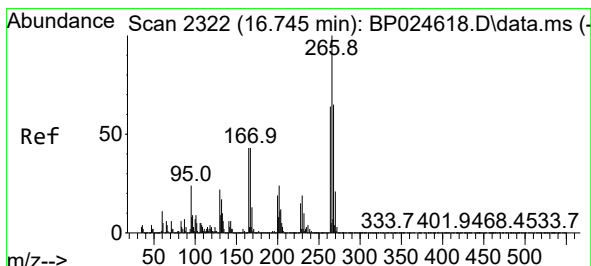
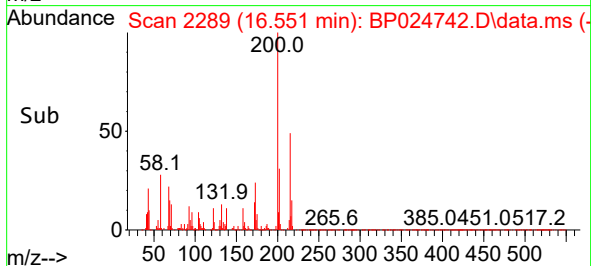
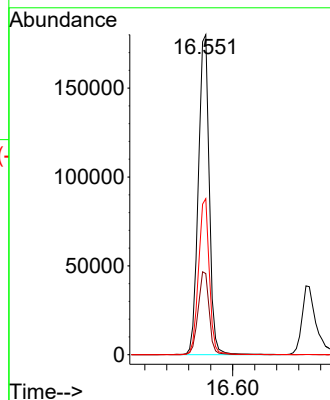
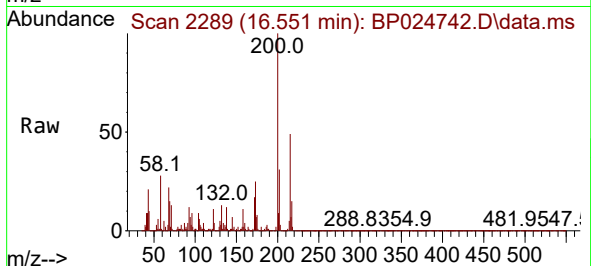




#69
 Atrazine
 Concen: 48.767 ng
 RT: 16.551 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024742.D
 Acq: 21 May 2025 18:14

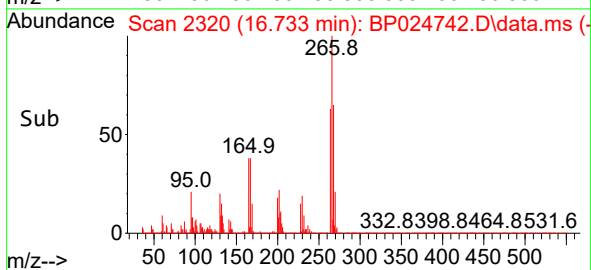
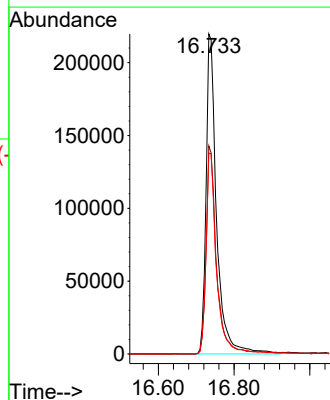
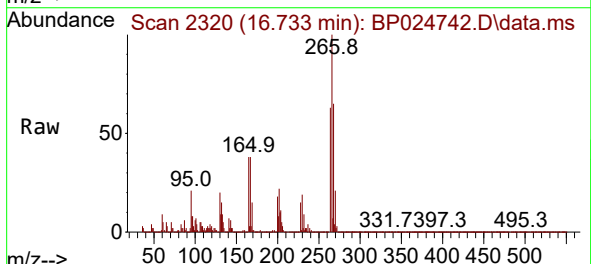
Instrument :
 BNA_P
 ClientSampleId :
 TP-BMS

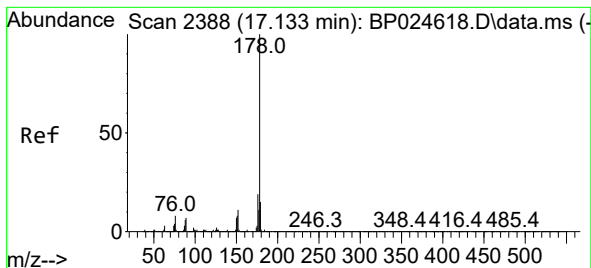
Tgt Ion:200 Resp: 248860
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.9 45.9
 215 48.8 28.3 68.3



#70
 Pentachlorophenol
 Concen: 110.542 ng
 RT: 16.733 min Scan# 2320
 Delta R.T. -0.012 min
 Lab File: BP024742.D
 Acq: 21 May 2025 18:14

Tgt Ion:266 Resp: 421207
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.2 78.4
 264 62.7 51.1 76.7





#71

Phenanthrene

Concen: 45.106 ng

RT: 17.122 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

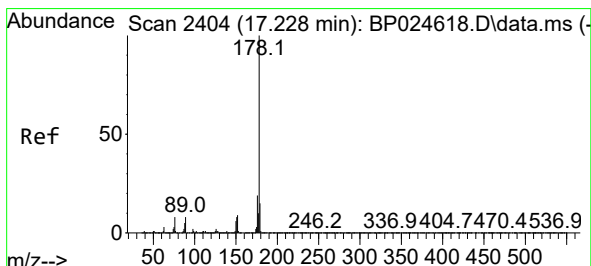
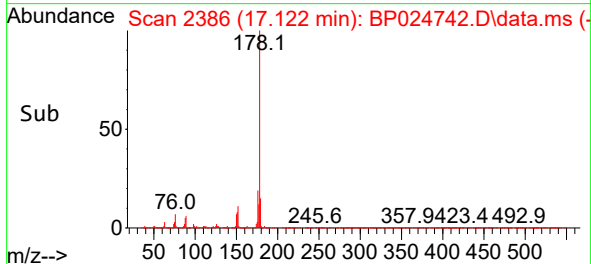
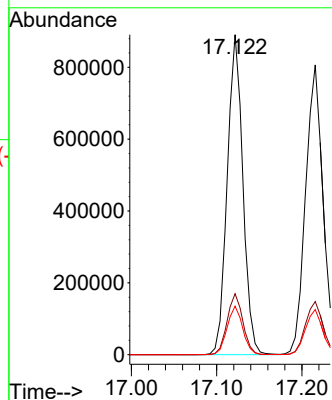
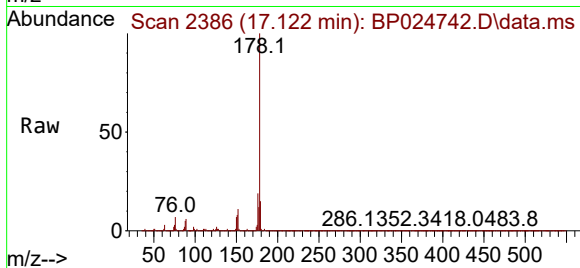
Tgt Ion:178 Resp: 1136758

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 45.394 ng

RT: 17.216 min Scan# 2402

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

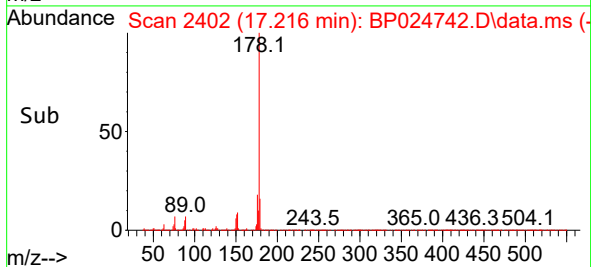
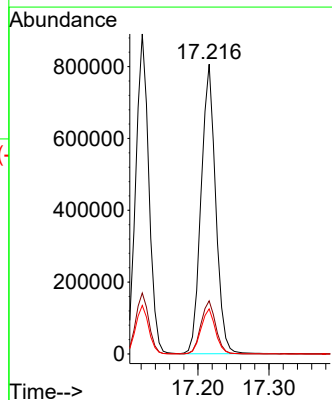
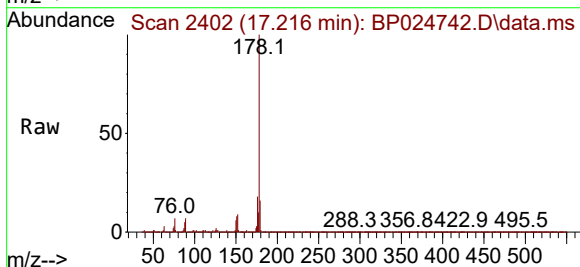
Tgt Ion:178 Resp: 1151012

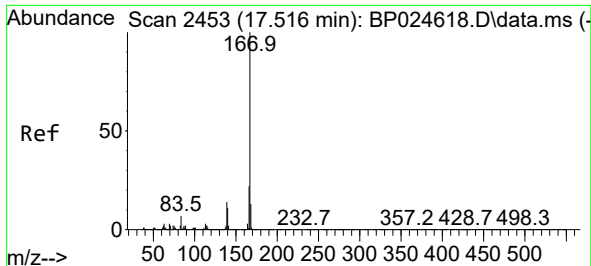
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.6 12.2 18.2

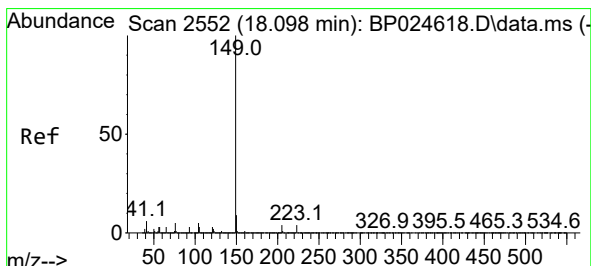
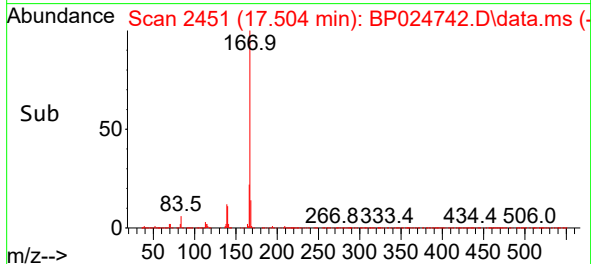
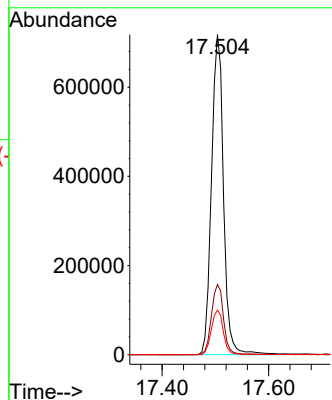
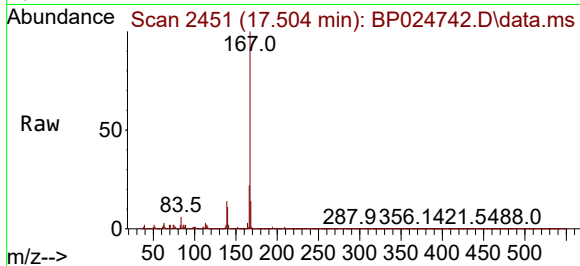




#73
 Carbazole
 Concen: 48.822 ng
 RT: 17.504 min Scan# 2453
 Delta R.T. -0.012 min
 Lab File: BP024742.D
 Acq: 21 May 2025 18:14

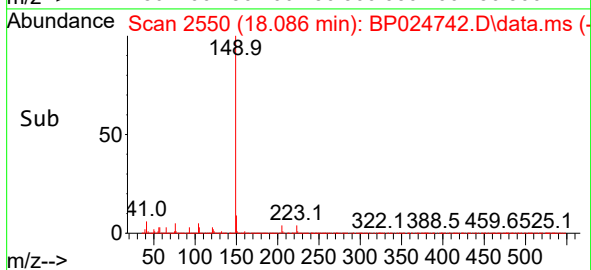
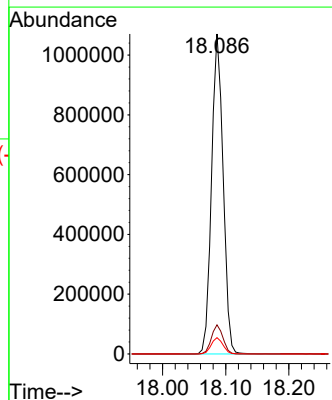
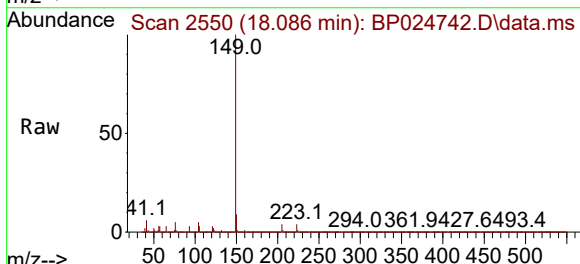
Instrument :
 BNA_P
 ClientSampleId :
 TP-BMS

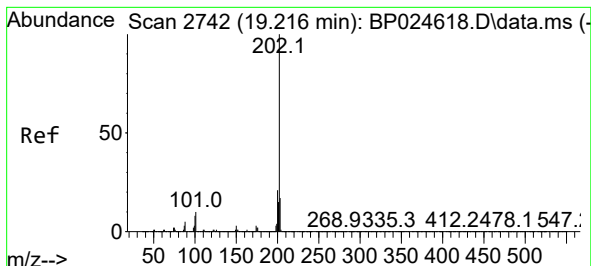
Tgt Ion:167 Resp: 1120452
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.9 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 46.152 ng
 RT: 18.086 min Scan# 2550
 Delta R.T. -0.012 min
 Lab File: BP024742.D
 Acq: 21 May 2025 18:14

Tgt Ion:149 Resp: 1362187
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 50.949 ng

RT: 19.204 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

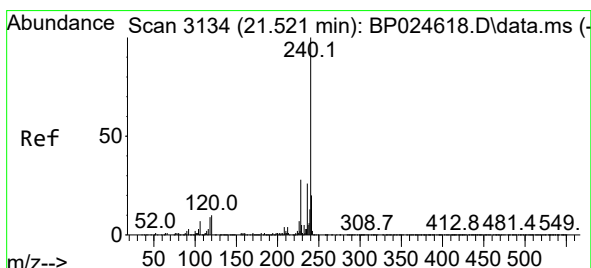
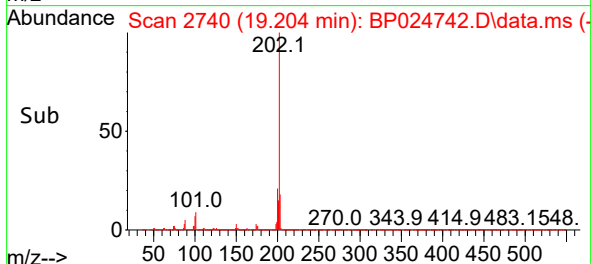
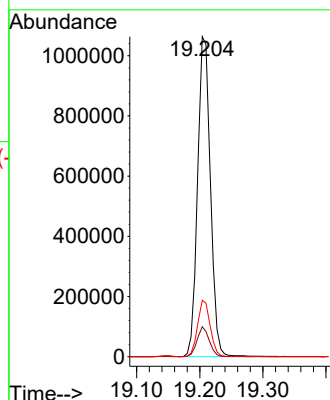
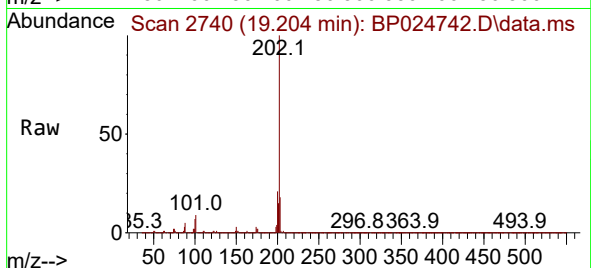
Tgt Ion:202 Resp: 1500935

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.3

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

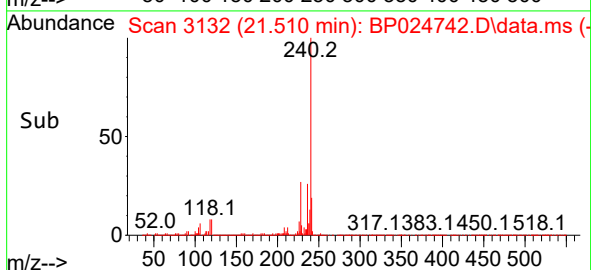
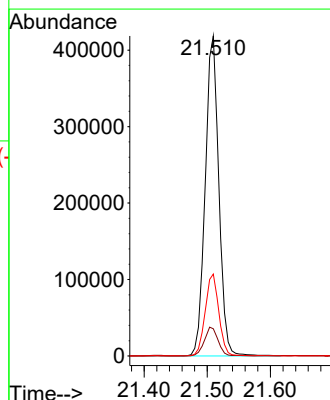
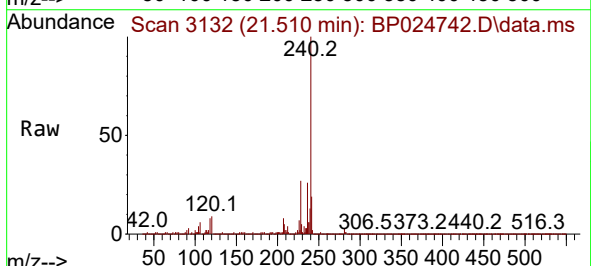
Tgt Ion:240 Resp: 628182

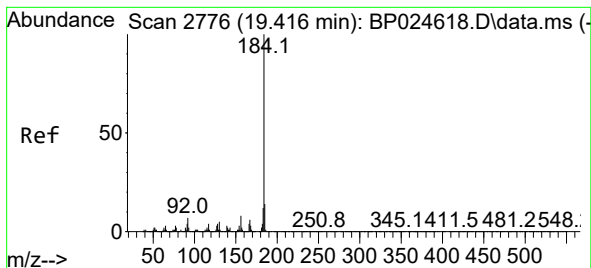
Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

236 25.6 20.6 31.0





#77

Benzidine

Concen: 16.034 ng

RT: 19.416 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

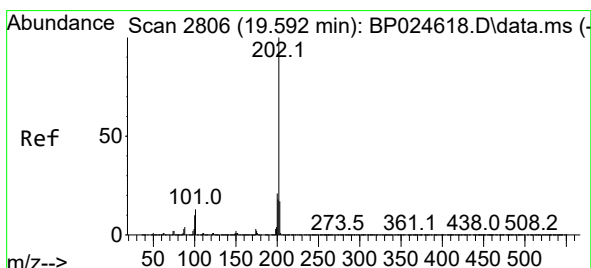
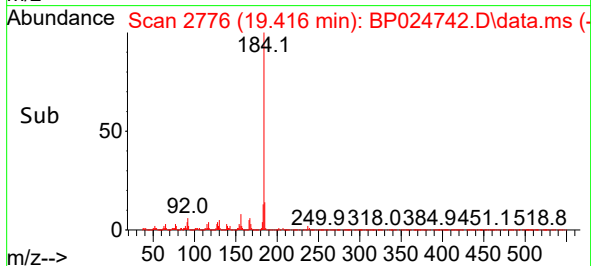
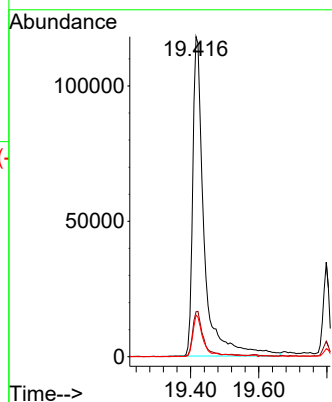
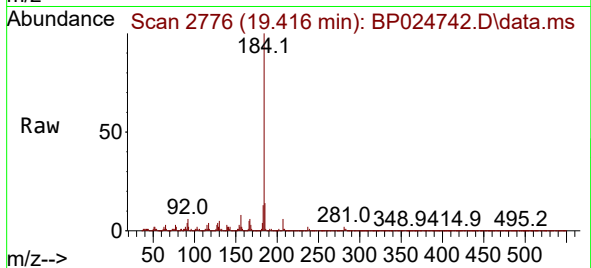
Tgt Ion:184 Resp: 274328

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 13.0 9.8 14.8



#78

Pyrene

Concen: 42.261 ng

RT: 19.586 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

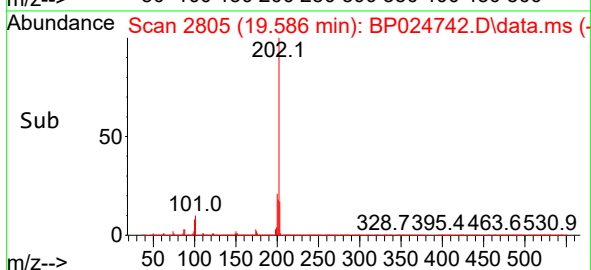
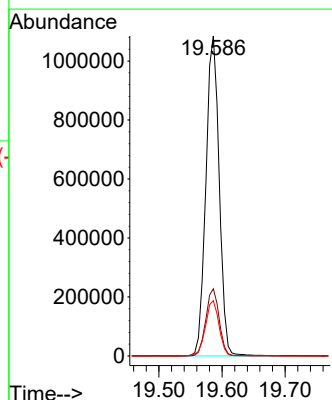
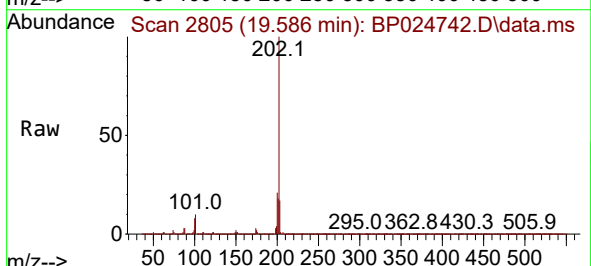
Tgt Ion:202 Resp: 1590670

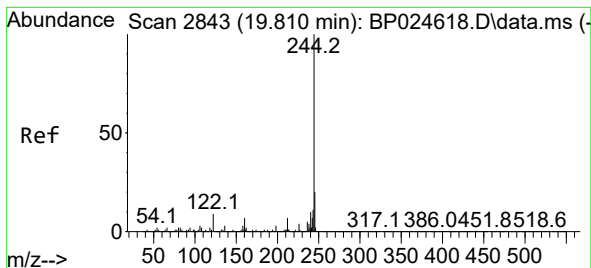
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 71.798 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

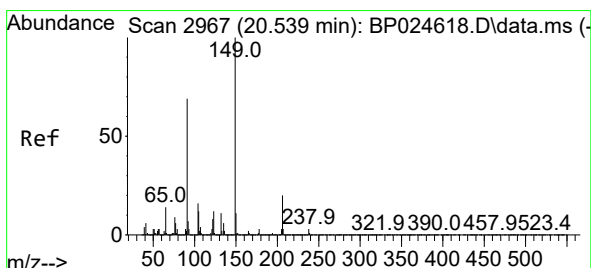
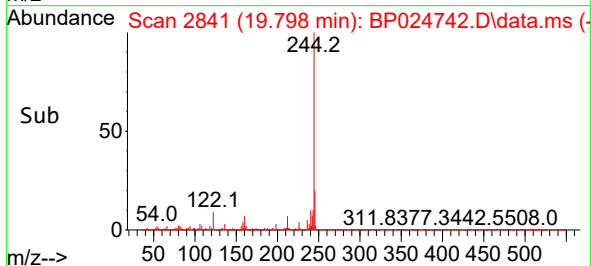
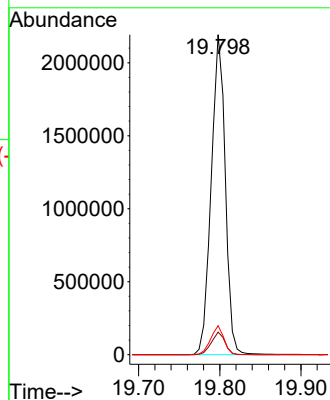
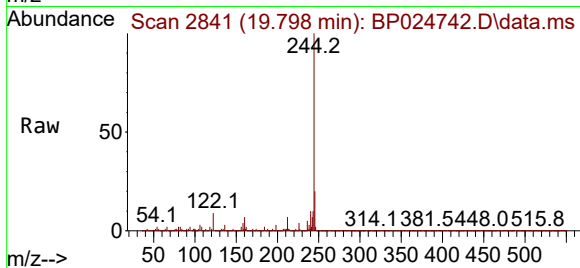
Tgt Ion:244 Resp: 2630349

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.1 7.4 11.0



#80

Butylbenzylphthalate

Concen: 43.759 ng

RT: 20.533 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

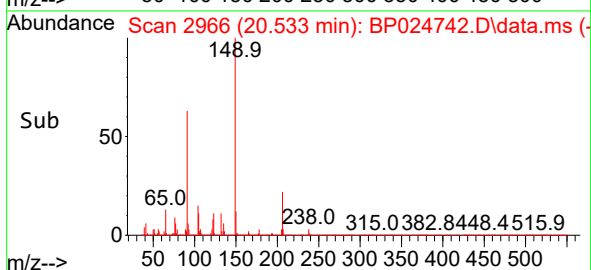
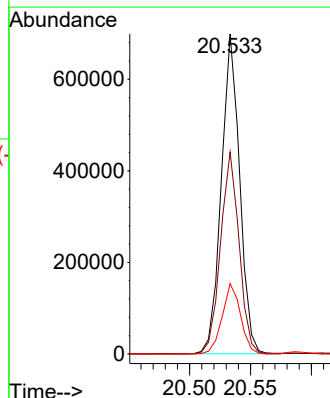
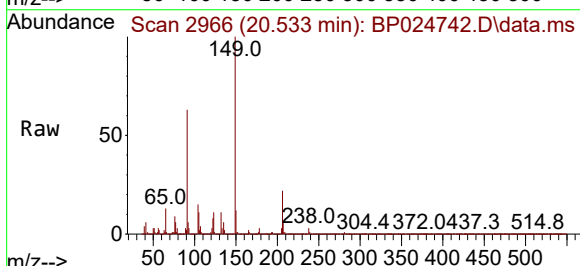
Tgt Ion:149 Resp: 732507

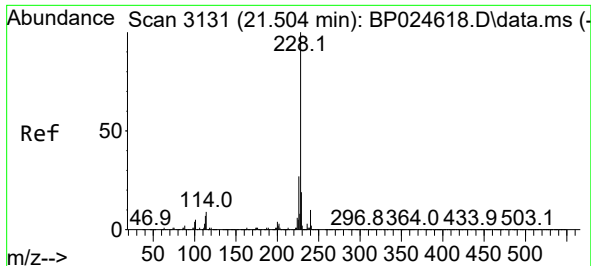
Ion Ratio Lower Upper

149 100

91 63.1 55.4 83.0

206 22.0 16.2 24.2

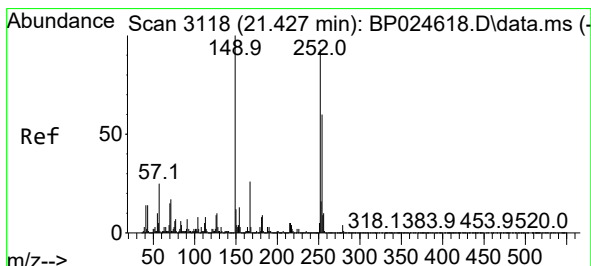
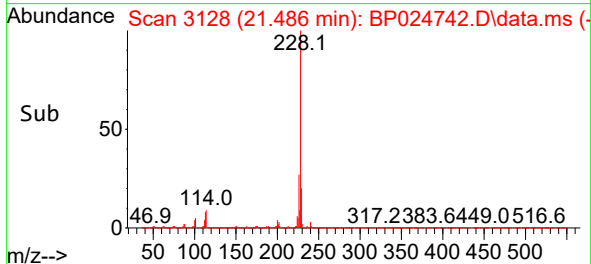
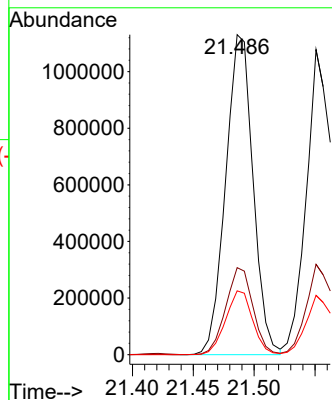
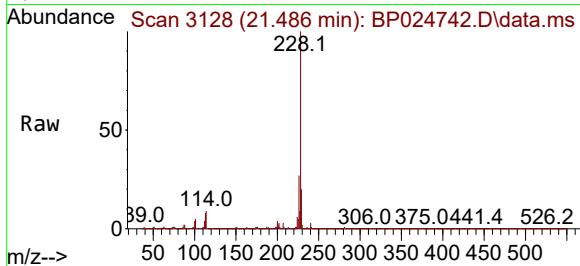




#81
Benzo(a)anthracene
Concen: 44.939 ng
RT: 21.486 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

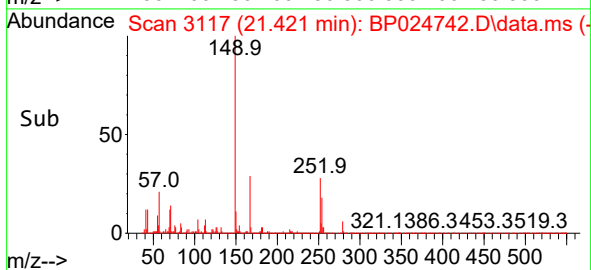
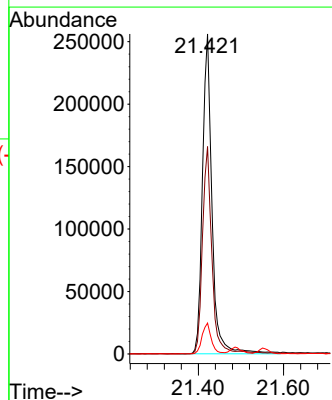
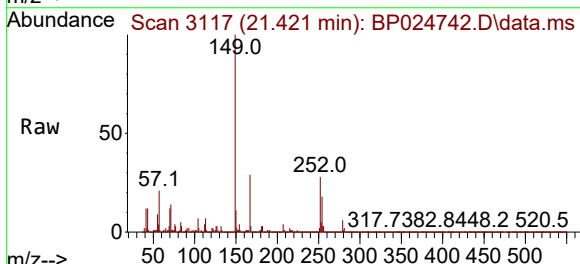
Instrument :
BNA_P
ClientSampleId :
TP-BMS

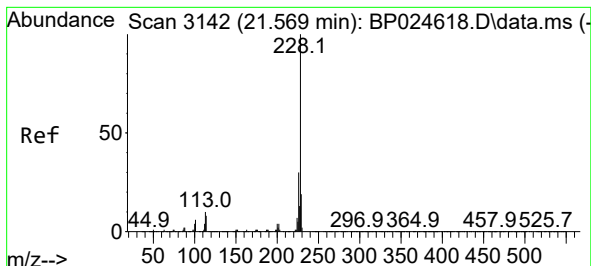
Tgt Ion:228 Resp: 1772601
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 27.194 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Tgt Ion:252 Resp: 398408
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 9.6 7.7 11.5





#83

Chrysene

Concen: 45.055 ng

RT: 21.551 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

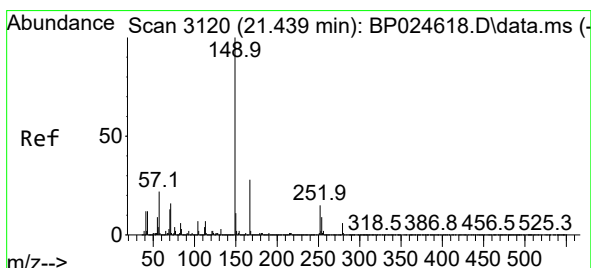
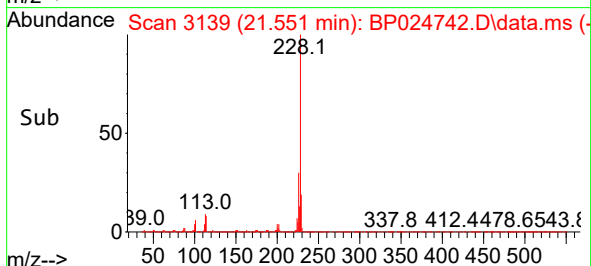
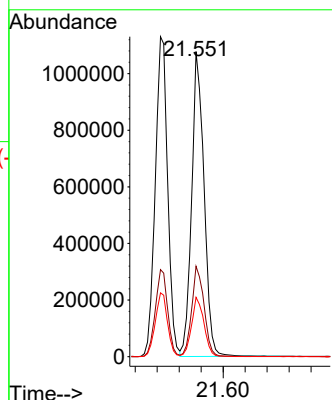
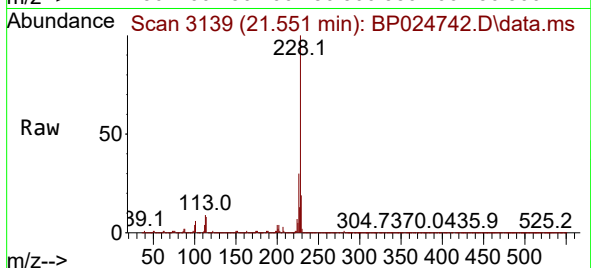
Tgt Ion:228 Resp: 1684692

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.056 ng

RT: 21.421 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

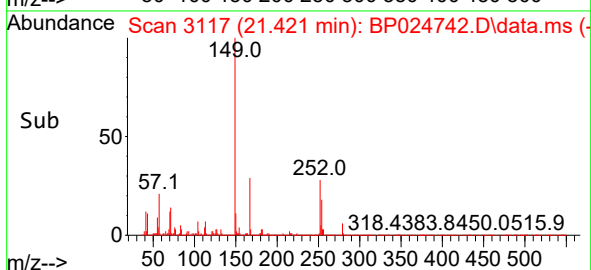
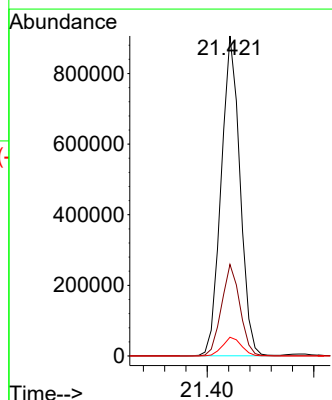
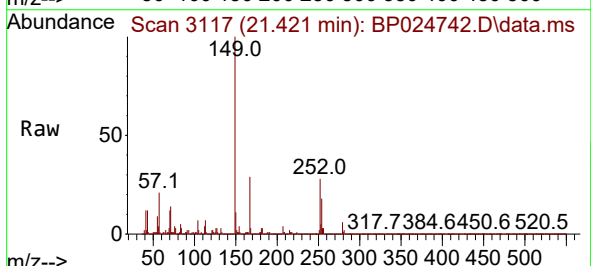
Tgt Ion:149 Resp: 1108580

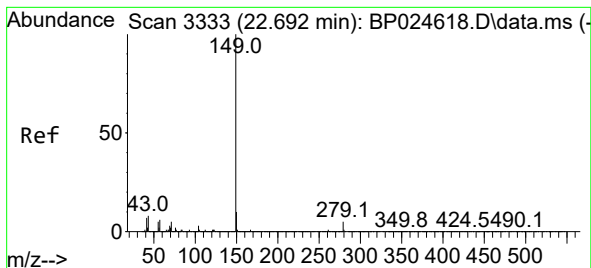
Ion Ratio Lower Upper

149 100

167 28.6 22.1 33.1

279 5.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 47.362 ng

RT: 22.662 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

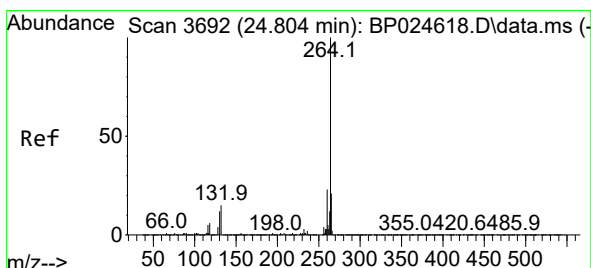
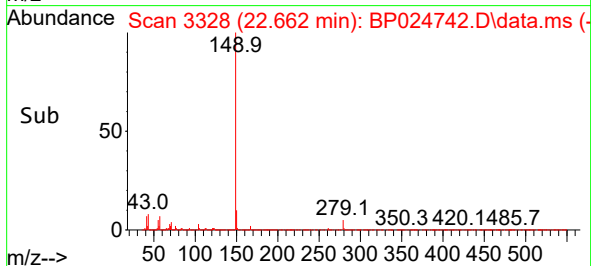
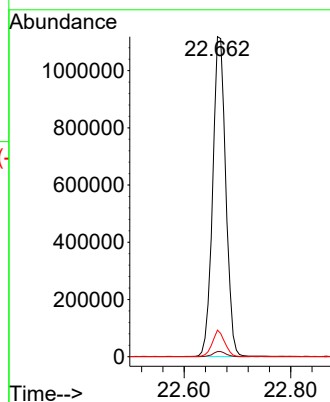
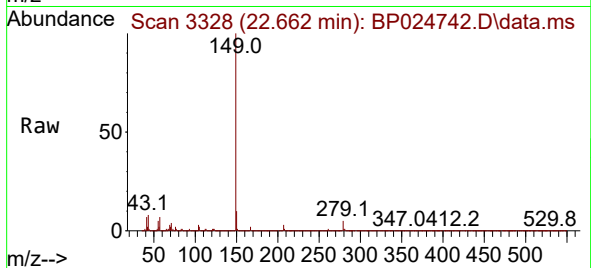
Tgt Ion:149 Resp: 1905632

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.786 min Scan# 3689

Delta R.T. -0.018 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

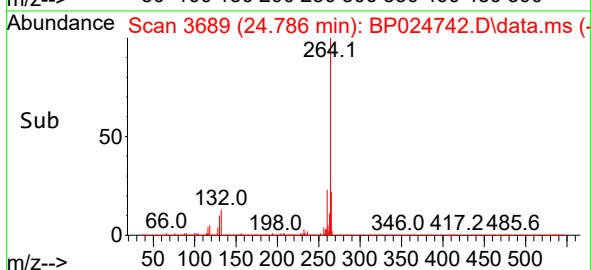
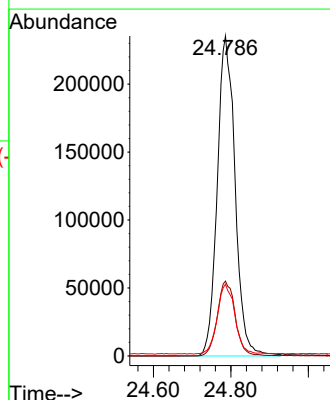
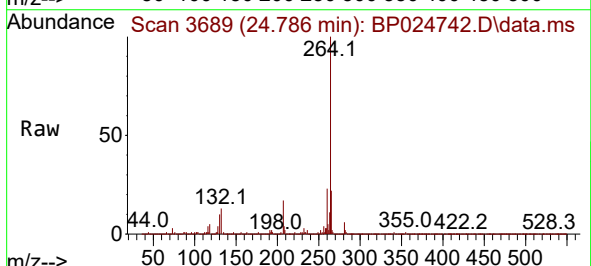
Tgt Ion:264 Resp: 750189

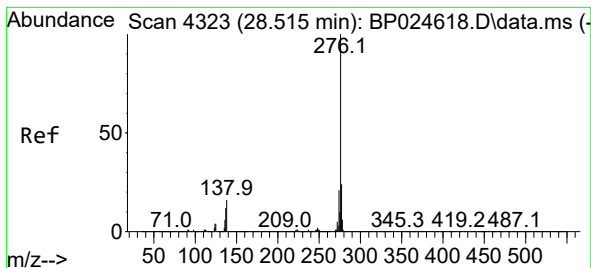
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.667 ng

RT: 28.515 min Scan# 41

Delta R.T. -0.000 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

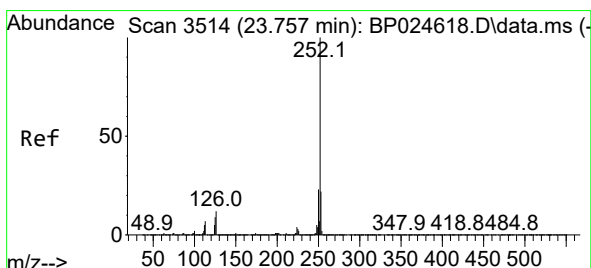
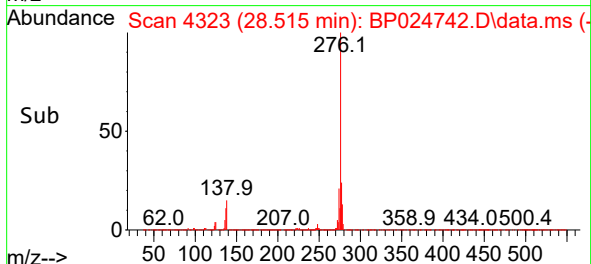
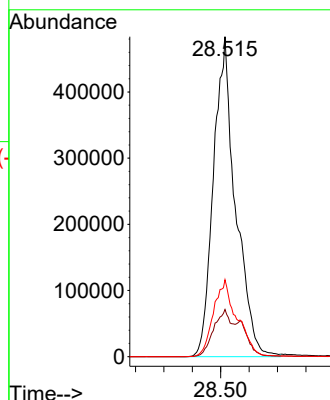
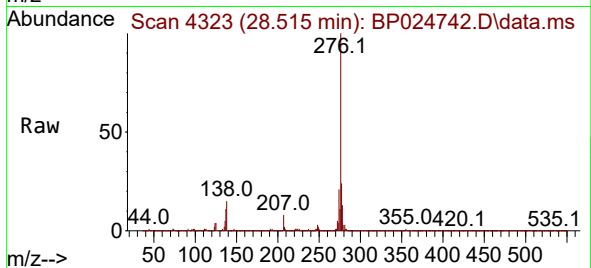
Tgt Ion:276 Resp: 2610645

Ion Ratio Lower Upper

276 100

138 12.3 11.2 16.8

277 25.8 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 45.932 ng

RT: 23.745 min Scan# 3512

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

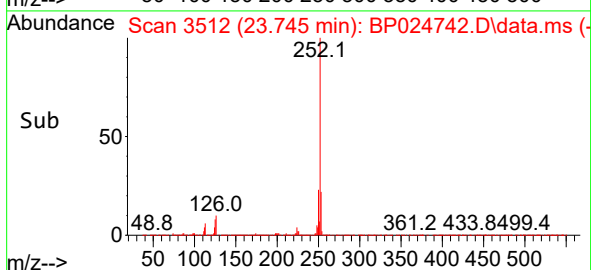
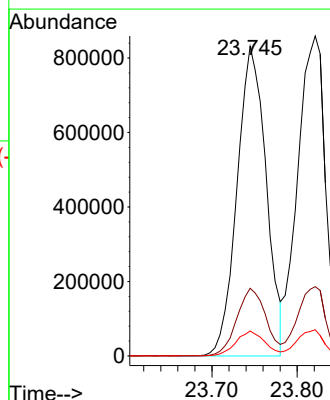
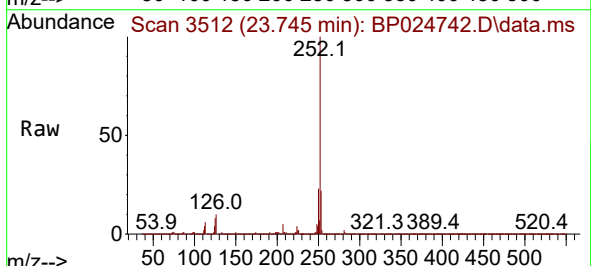
Tgt Ion:252 Resp: 1972294

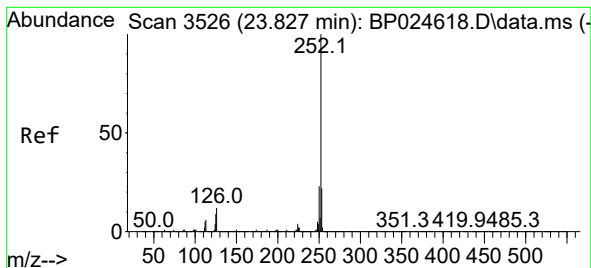
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.1 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 44.874 ng

RT: 23.821 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

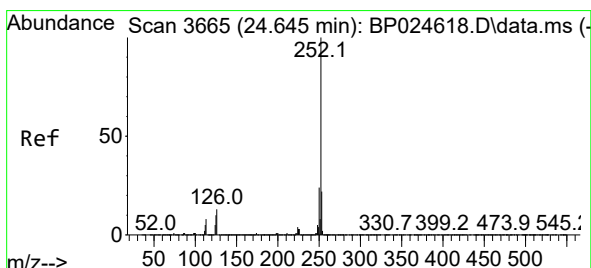
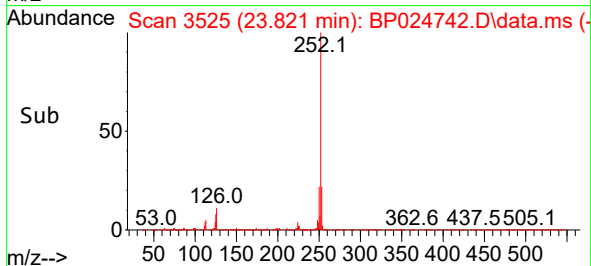
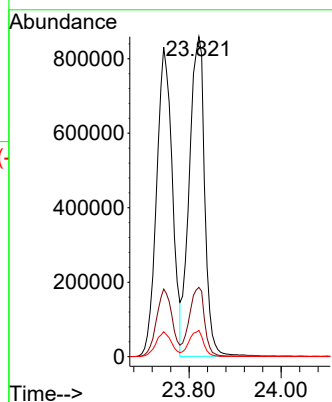
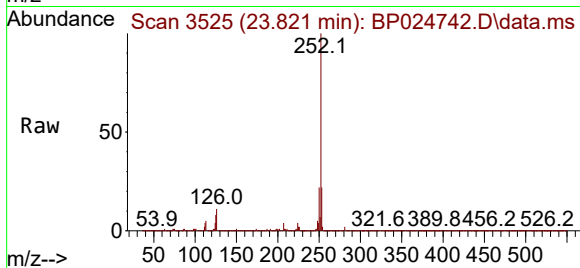
Tgt Ion:252 Resp: 1985503

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.2 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.934 ng

RT: 24.627 min Scan# 3662

Delta R.T. -0.018 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

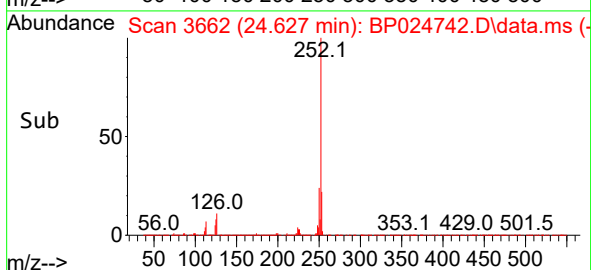
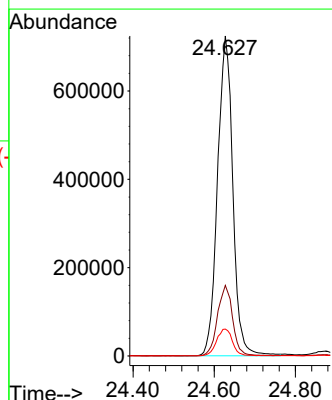
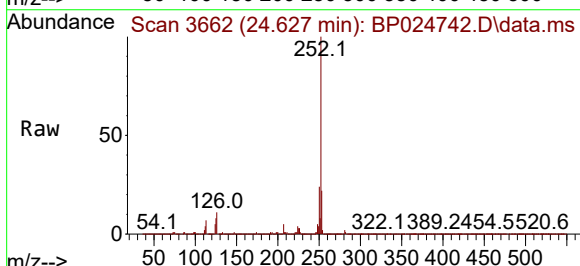
Tgt Ion:252 Resp: 1894318

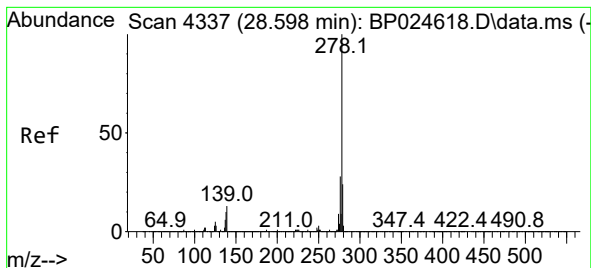
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 48.071 ng

RT: 28.574 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

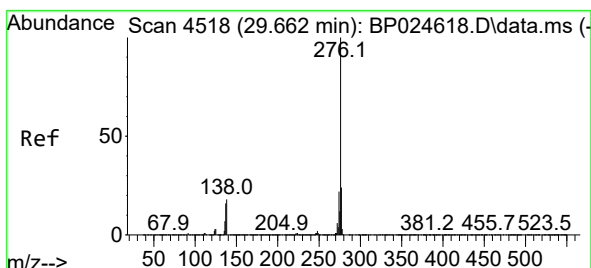
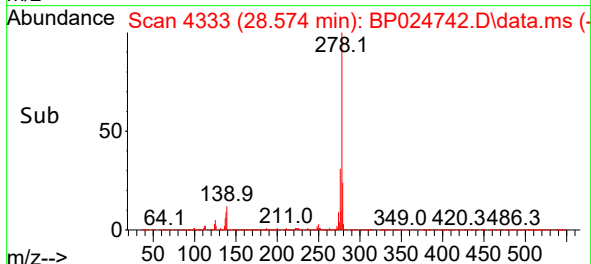
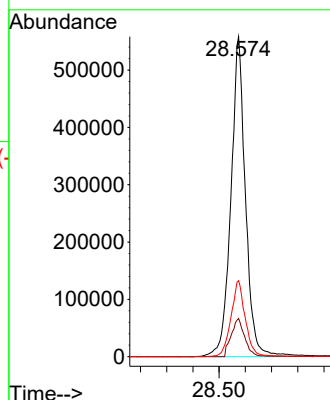
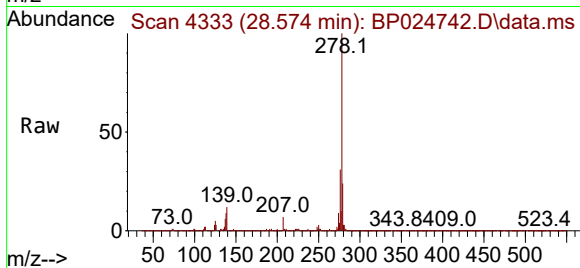
Tgt Ion:278 Resp: 2141857

Ion Ratio Lower Upper

278 100

139 12.0 10.2 15.4

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.688 ng

RT: 29.662 min Scan# 4518

Delta R.T. -0.000 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Tgt Ion:276 Resp: 2112969

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 15.8 14.4 21.6

