

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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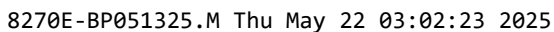
Instrument :
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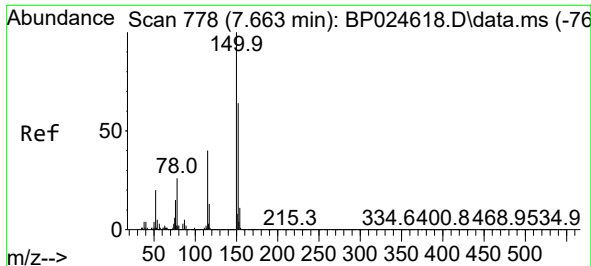
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	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

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

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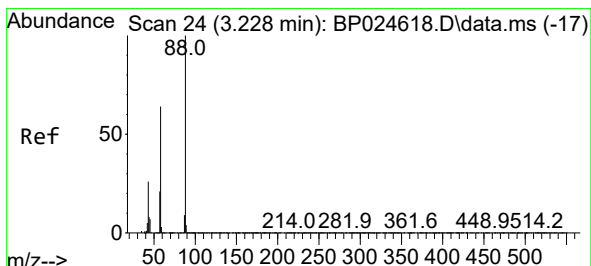
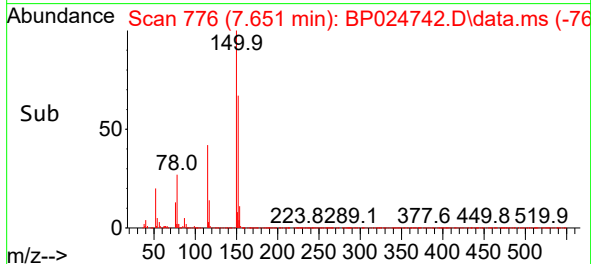
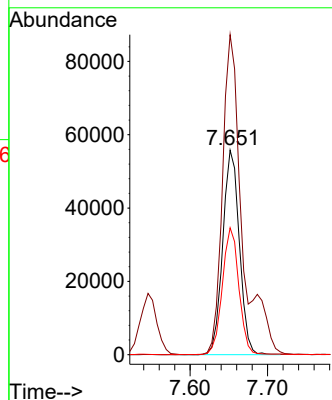
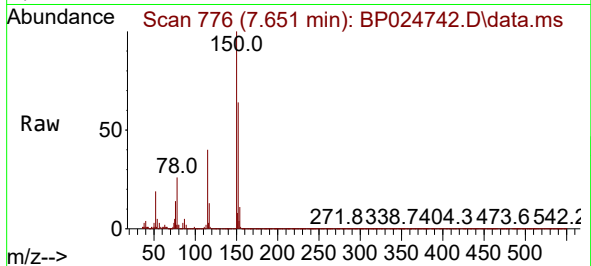




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

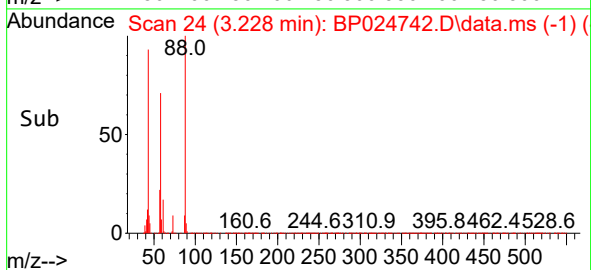
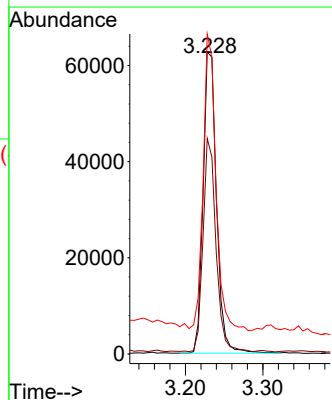
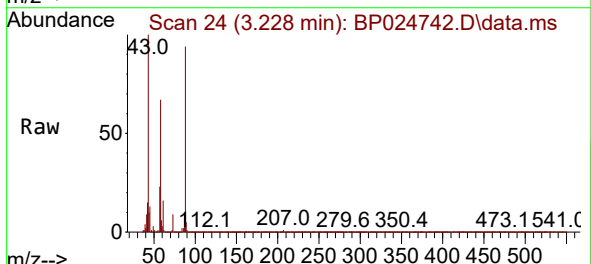
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TP-BMS

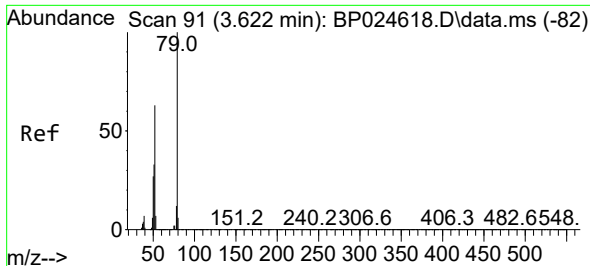
Tgt Ion:152 Resp: 83451
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 62.1 50.1 75.1



#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#

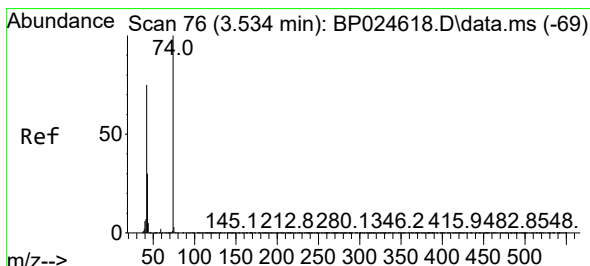
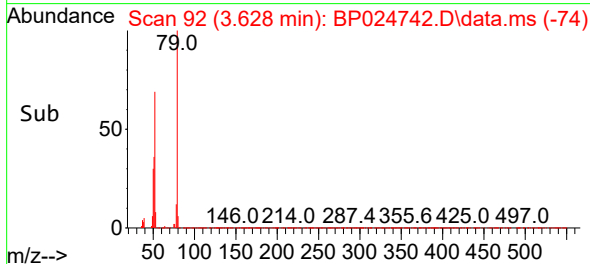
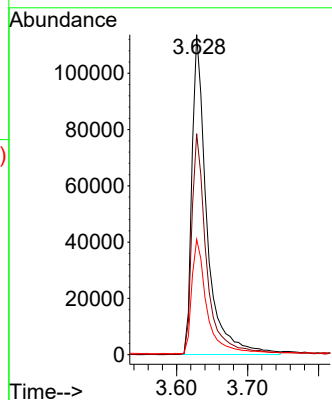
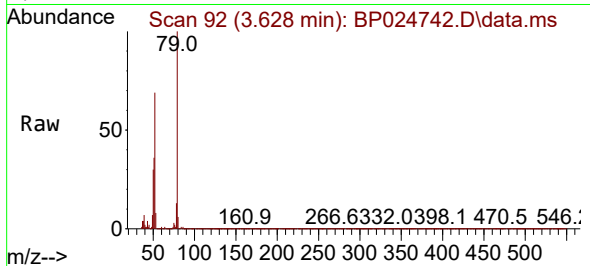




#3
 Pyridine
 Concen: 32.835 ng
 RT: 3.628 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP024742.D
 Acq: 21 May 2025 18:14

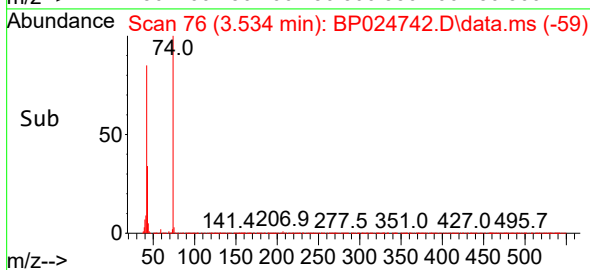
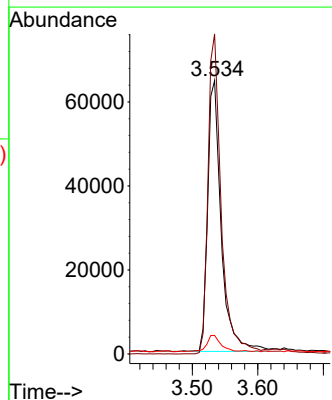
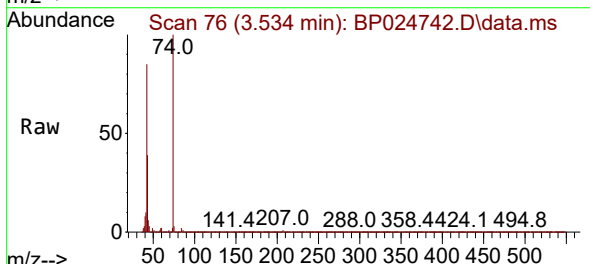
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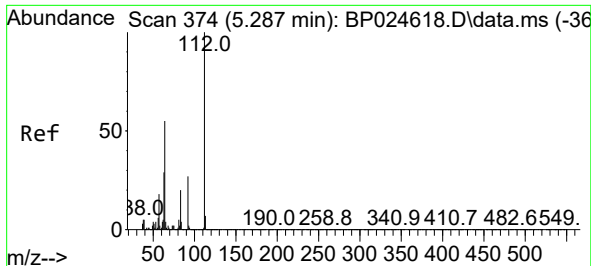
Tgt Ion: 79 Resp: 166809
 Ion Ratio Lower Upper
 79 100
 52 69.1 50.2 75.2
 51 36.0 26.8 40.2



#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

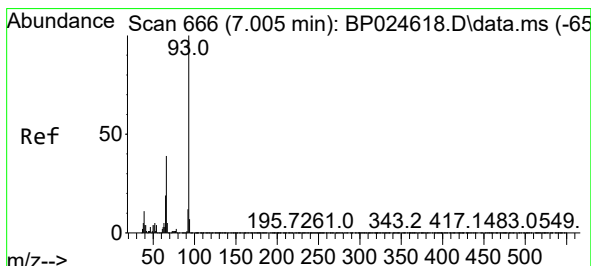
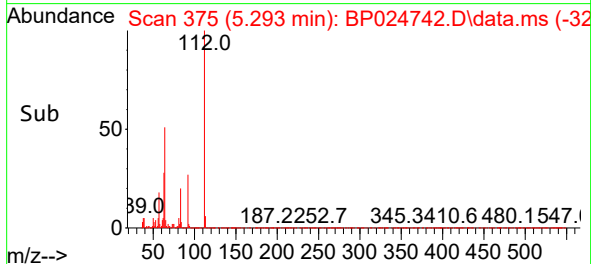
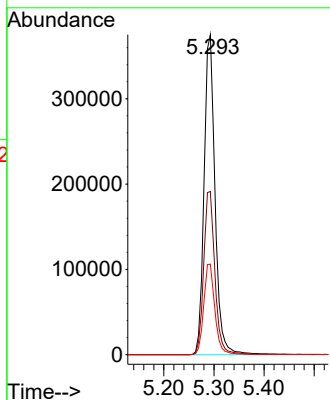
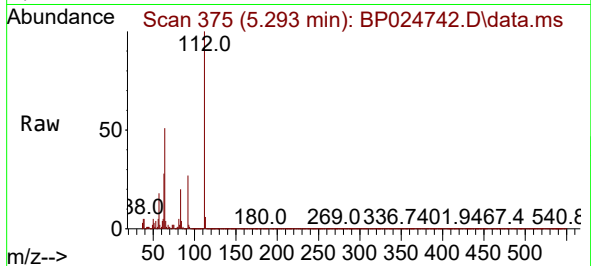




#5
2-Fluorophenol
Concen: 117.093 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

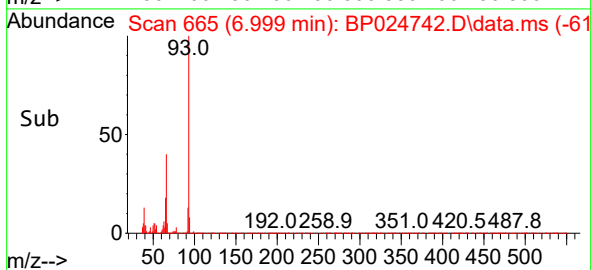
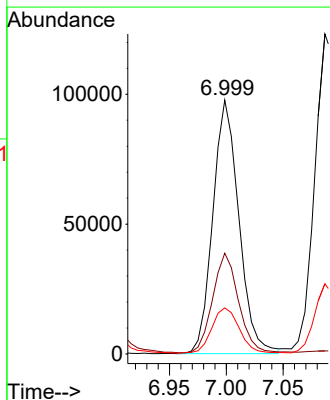
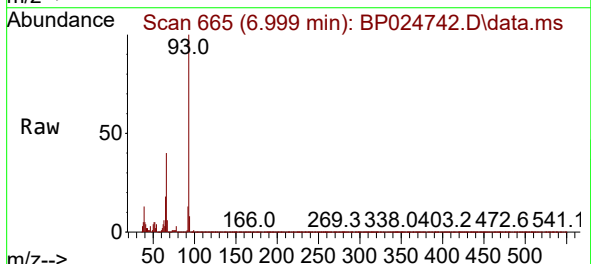
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ClientSampleId :
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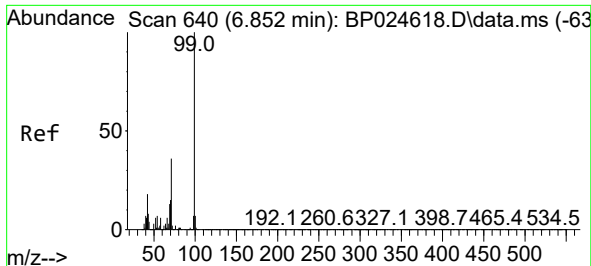
Tgt Ion:112 Resp: 571313
Ion Ratio Lower Upper
112 100
64 51.0 44.1 66.1
63 28.3 23.5 35.3



#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

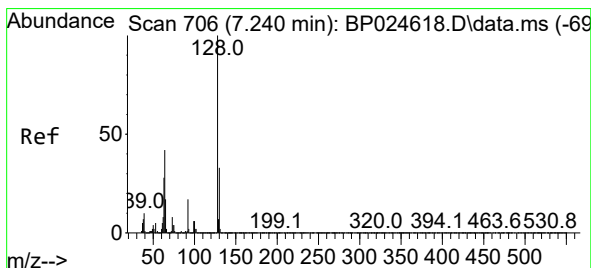
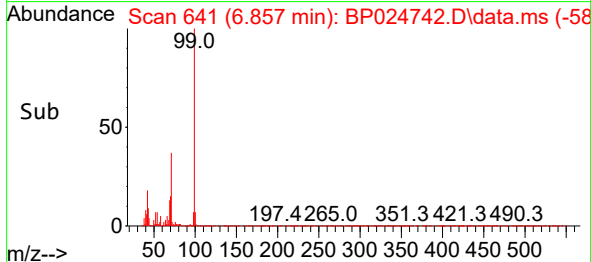
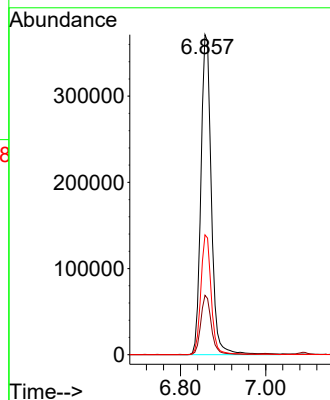
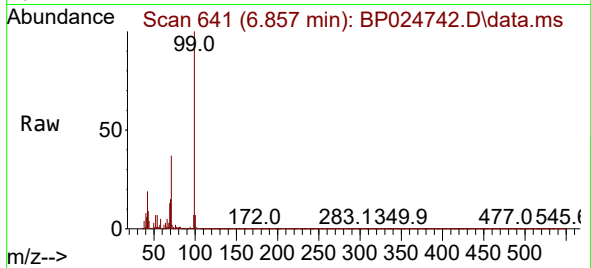




#7
Phenol-d6
Concen: 101.261 ng
RT: 6.857 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

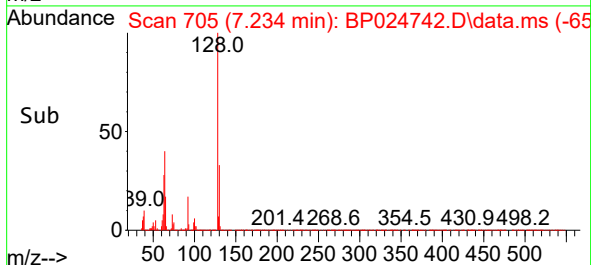
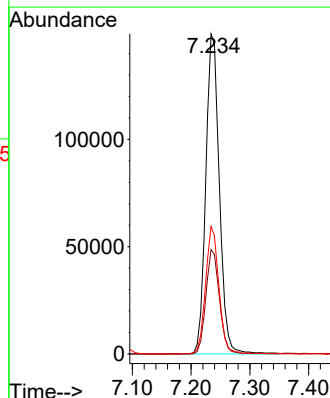
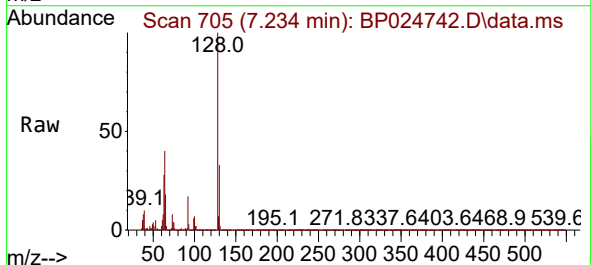
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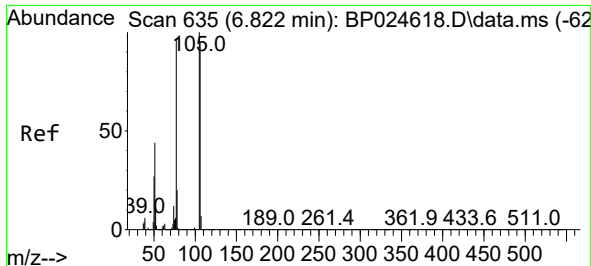
Tgt Ion: 99 Resp: 630564
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 37.5 29.2 43.8



#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

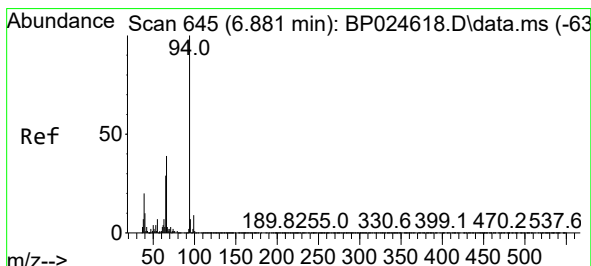
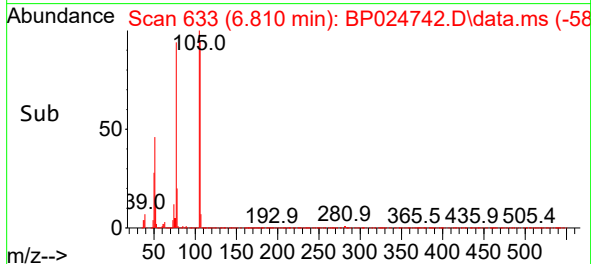
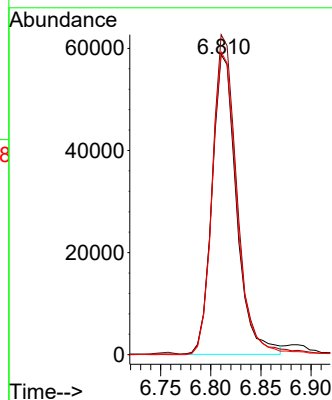
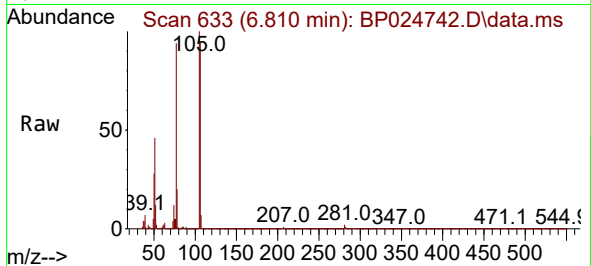




#9
Benzaldehyde
Concen: 24.735 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

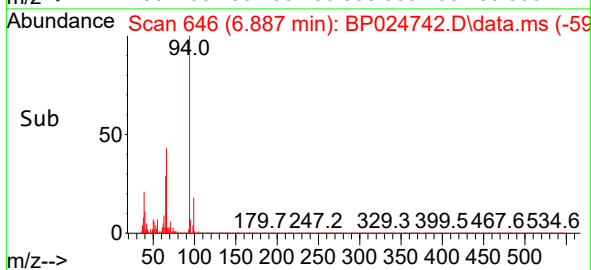
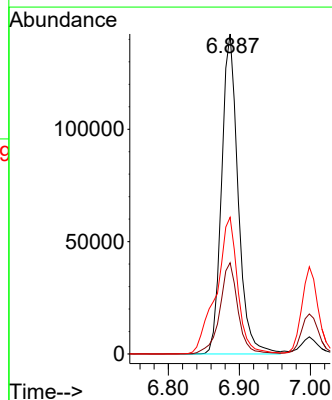
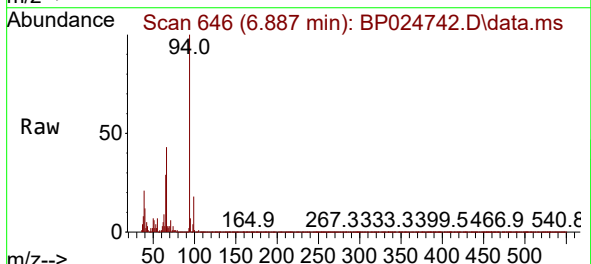
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ClientSampleId :
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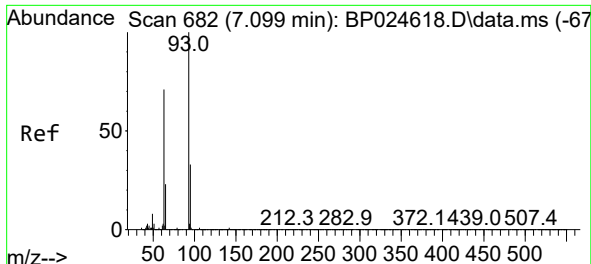
Tgt Ion: 77 Resp: 99708
Ion Ratio Lower Upper
77 100
105 106.6 83.3 123.3
106 100.8 78.0 118.0



#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

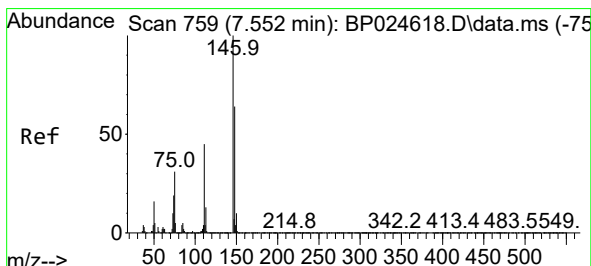
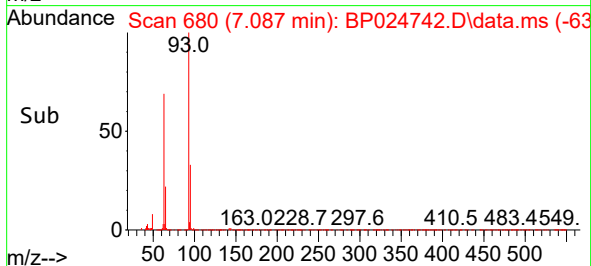
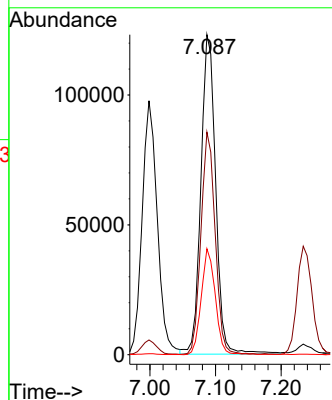
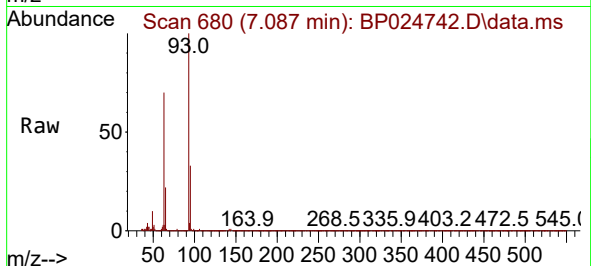




#11
bis(2-Chloroethyl)ether
Concen: 36.665 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

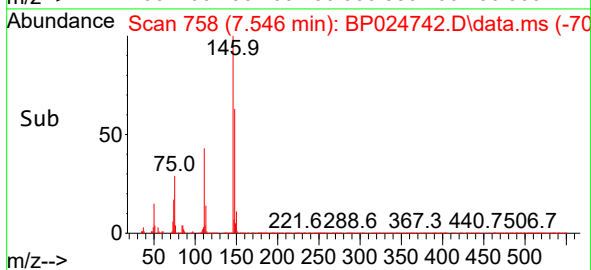
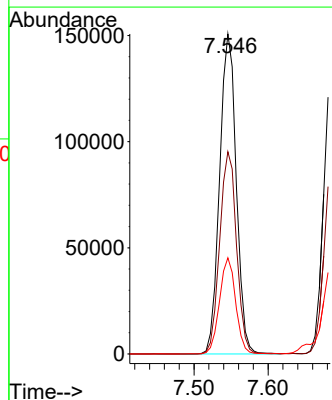
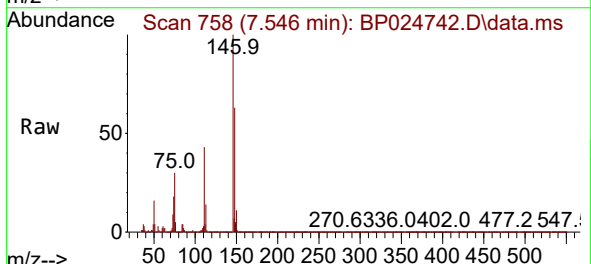
Instrument :
BNA_P
ClientSampleId :
TP-BMS

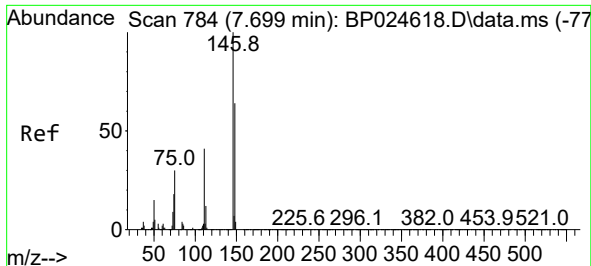
Tgt Ion: 93 Resp: 193635
Ion Ratio Lower Upper
93 100
63 69.6 50.6 90.6
95 33.1 12.9 52.9



#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

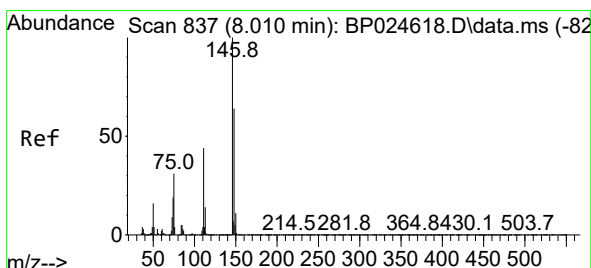
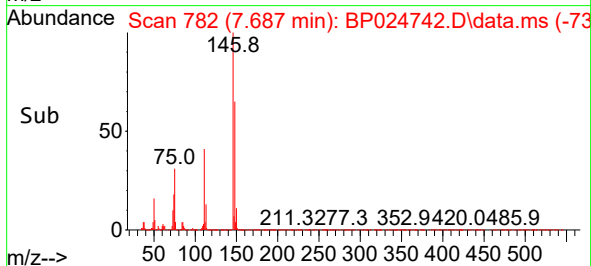
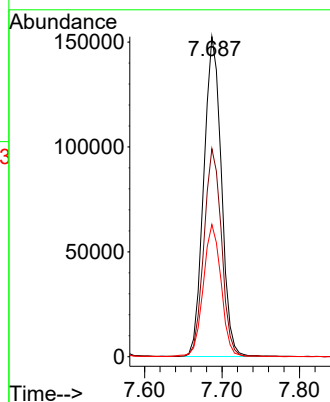
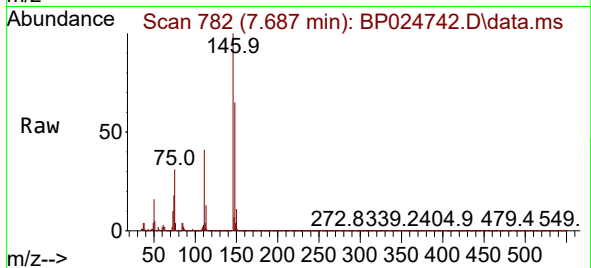
Tgt Ion:146 Resp: 240794

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

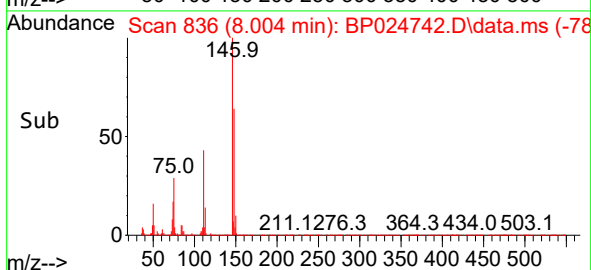
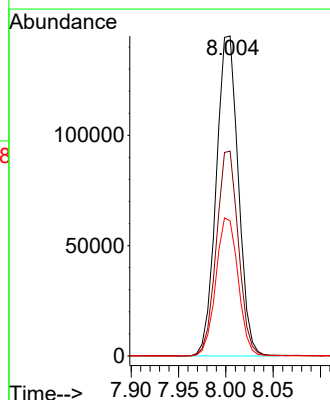
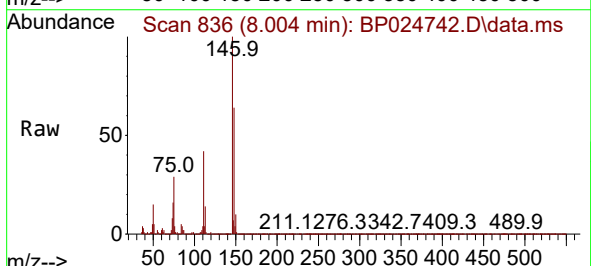
Tgt Ion:146 Resp: 235259

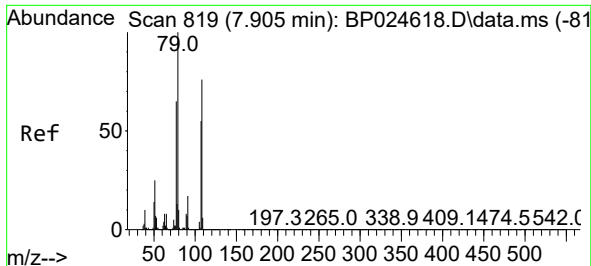
Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.4

111 42.2 35.2 52.8

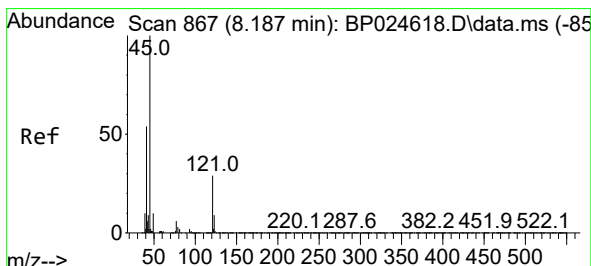
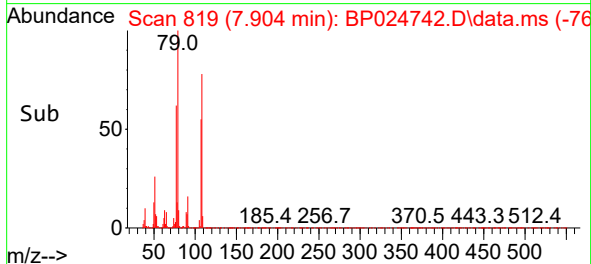
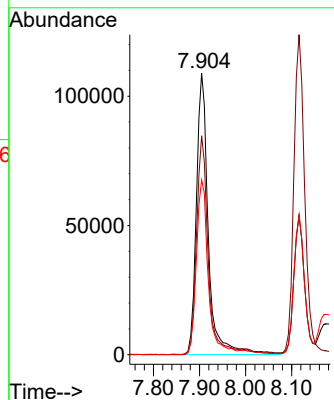
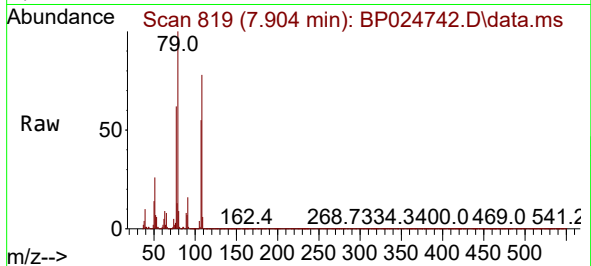




#15
Benzyl Alcohol
Concen: 41.362 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

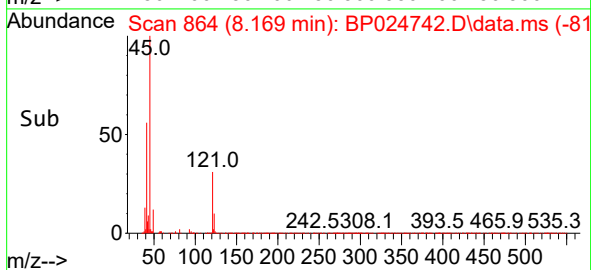
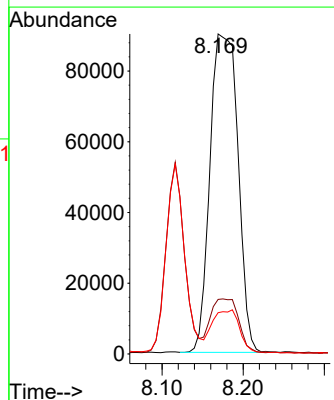
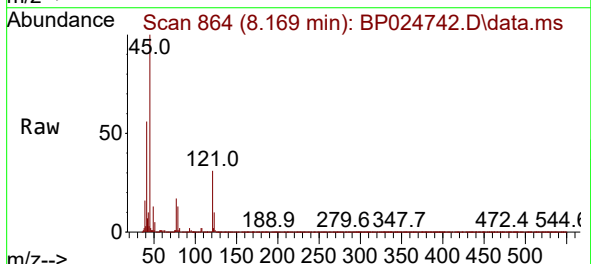
Instrument :
BNA_P
ClientSampleId :
TP-BMS

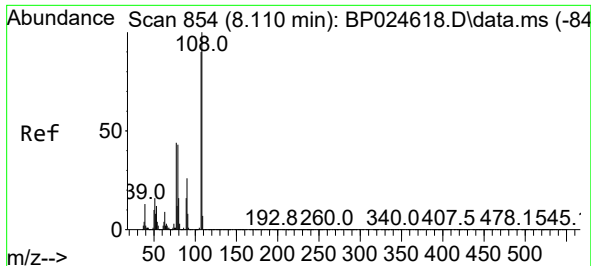
Tgt Ion: 79 Resp: 195731
Ion Ratio Lower Upper
79 100
108 77.7 60.8 91.2
77 62.1 51.9 77.9



#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

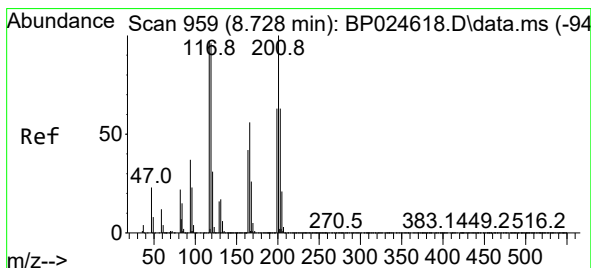
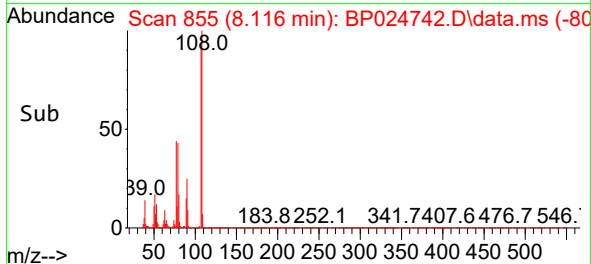
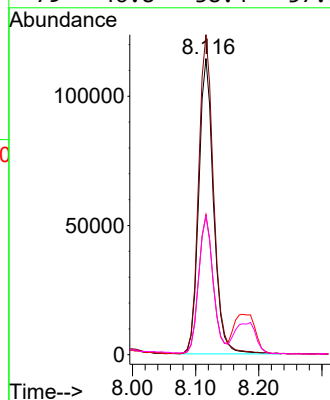
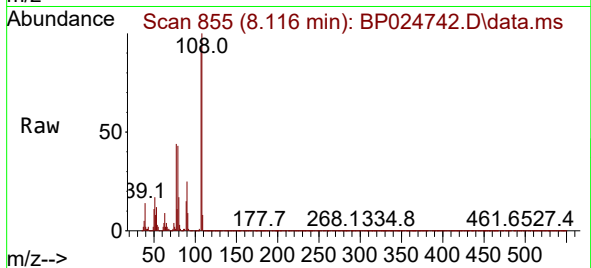




#17
2-Methylphenol
Concen: 40.339 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

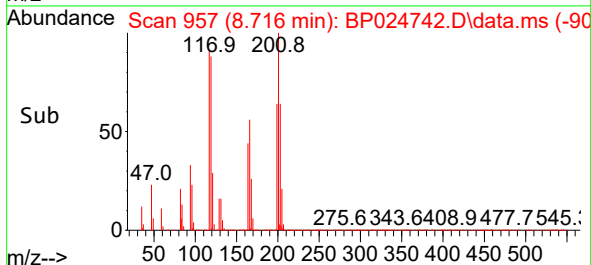
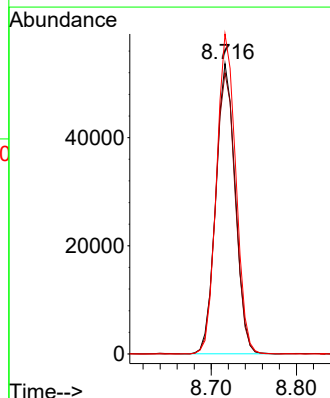
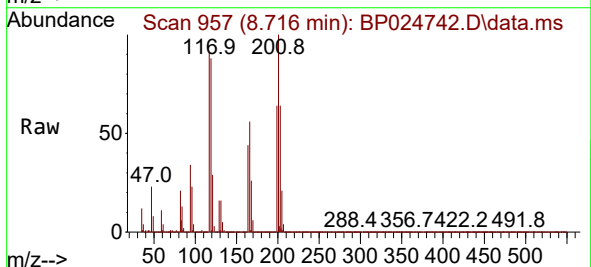
Instrument :
BNA_P
ClientSampleId :
TP-BMS

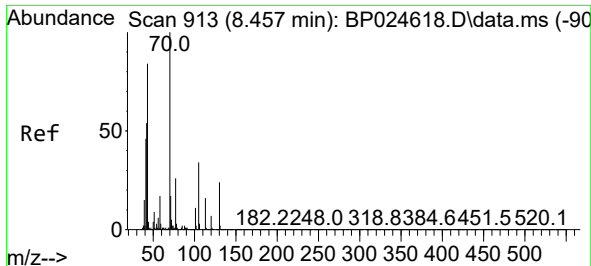
Tgt Ion:	107	Resp:	185952
Ion	Ratio	Lower	Upper
107	100		
108	108.0	88.9	133.3
77	47.3	39.0	58.6
79	46.8	38.4	57.6



#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

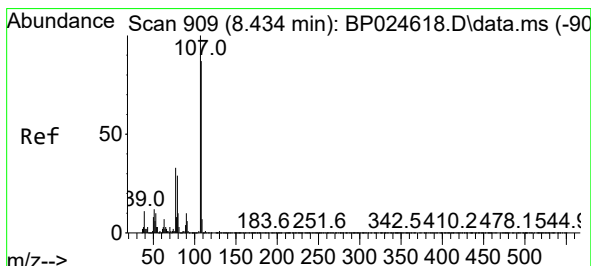
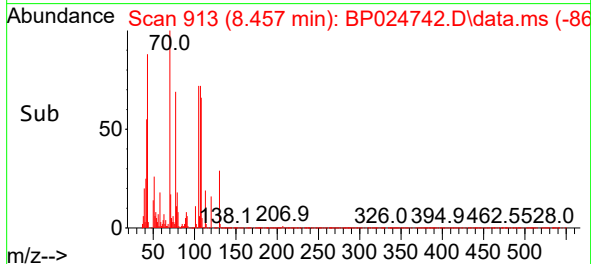
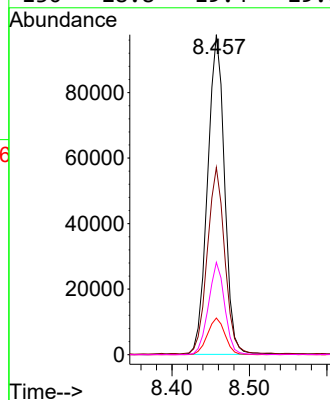
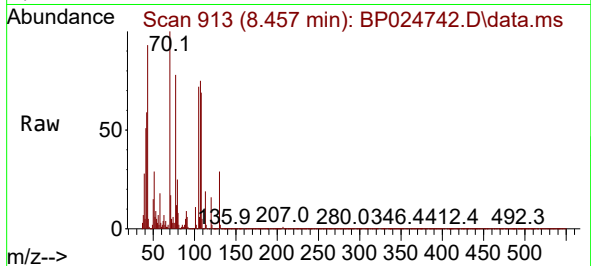




#19
n-Nitroso-di-n-propylamine
Concen: 34.422 ng
RT: 8.457 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

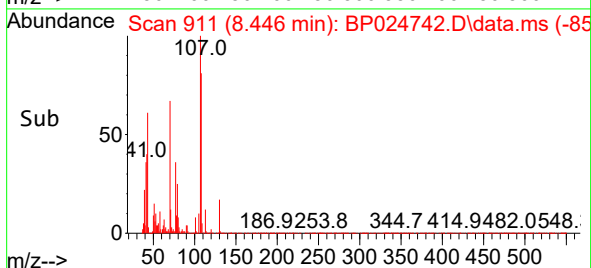
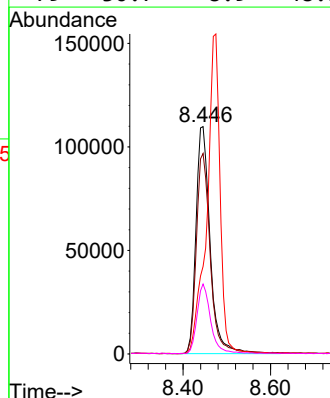
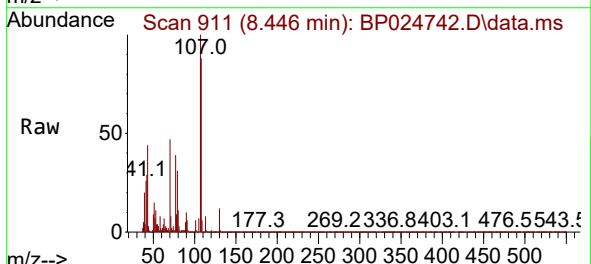
Instrument :
BNA_P
ClientSampleId :
TP-BMS

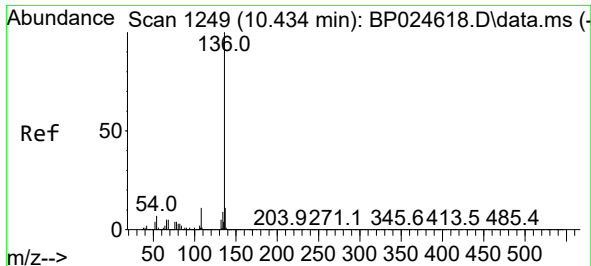
Tgt Ion: 70 Resp: 148273
Ion Ratio Lower Upper
70 100
42 58.5 43.0 64.6
101 11.4 8.7 13.1
130 28.8 19.4 29.0



#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

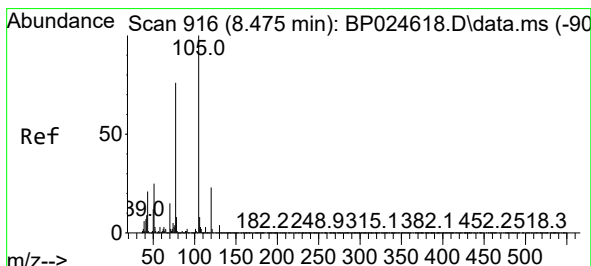
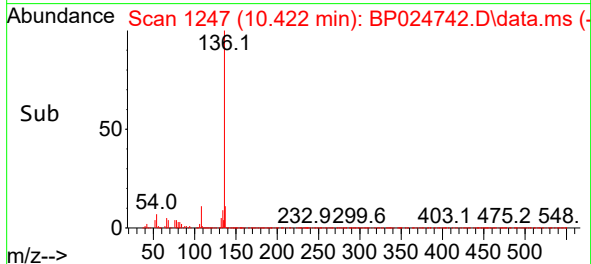
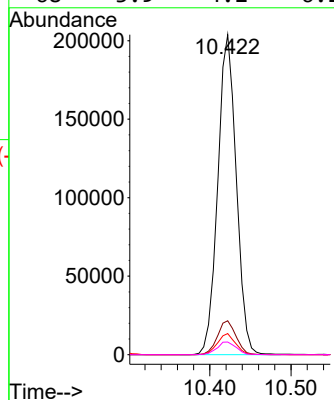
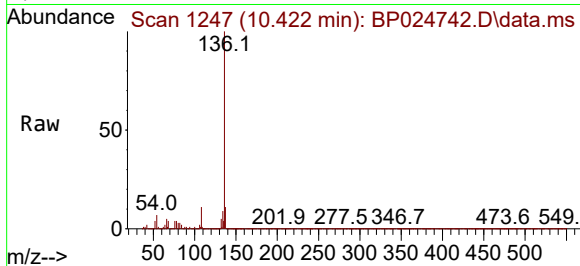




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

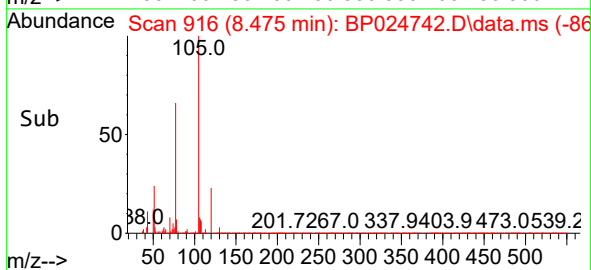
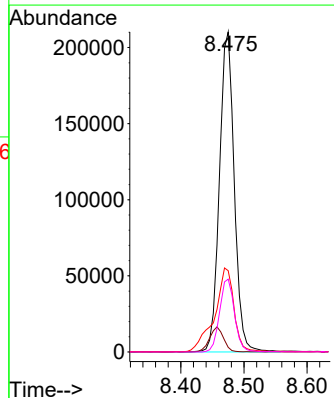
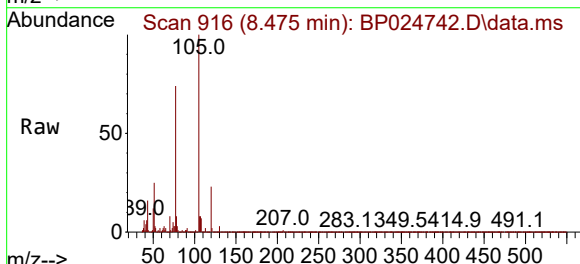
Instrument :
BNA_P
ClientSampleId :
TP-BMS

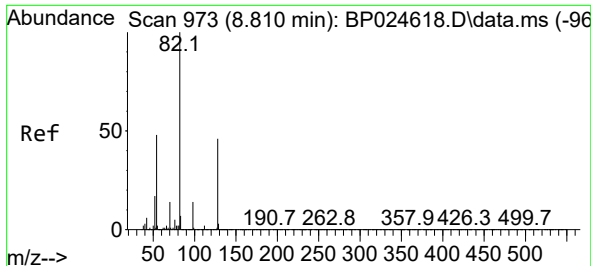
Tgt Ion:136 Resp: 323314
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.5 8.3
68 3.9 4.2 6.2#



#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

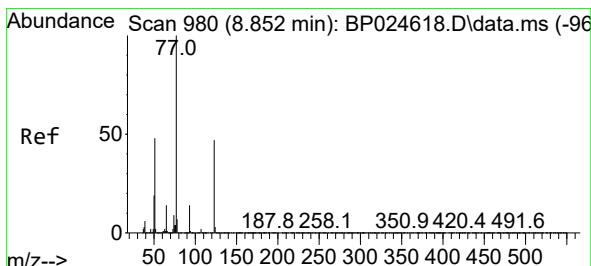
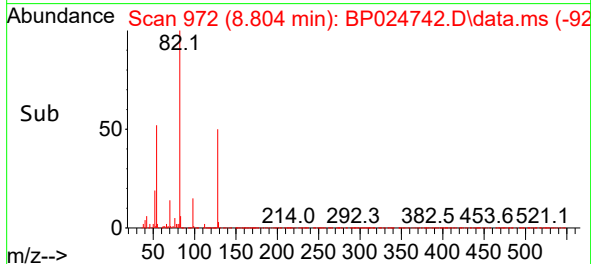
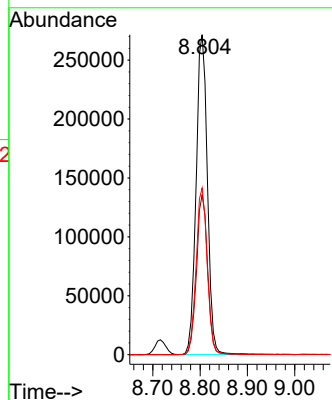
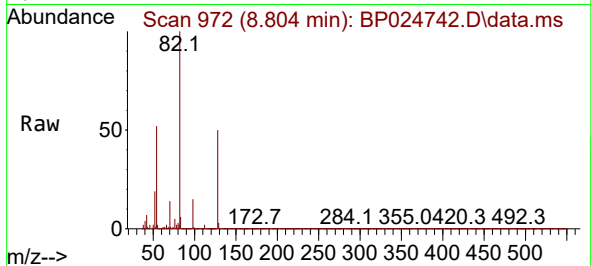




#23
Nitrobenzene-d5
Concen: 70.174 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

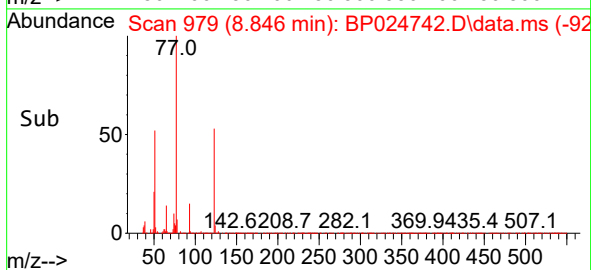
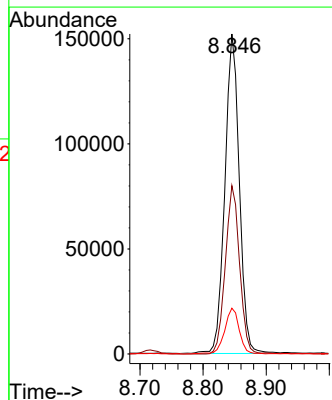
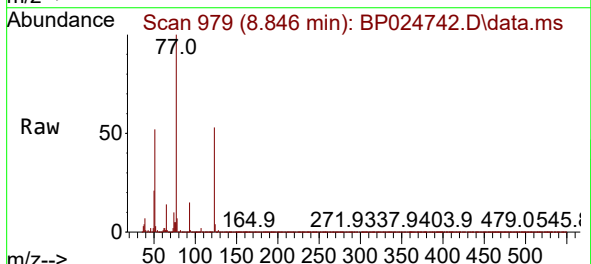
Instrument :
BNA_P
ClientSampleId :
TP-BMS

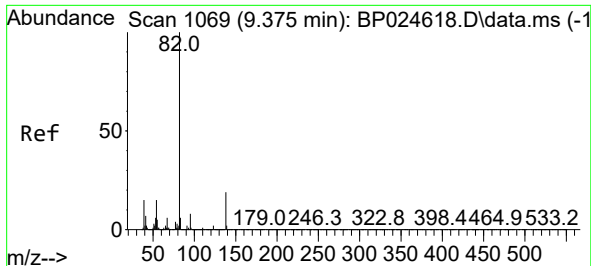
Tgt Ion: 82 Resp: 449036
Ion Ratio Lower Upper
82 100
128 49.9 37.0 55.4
54 52.1 38.7 58.1



#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

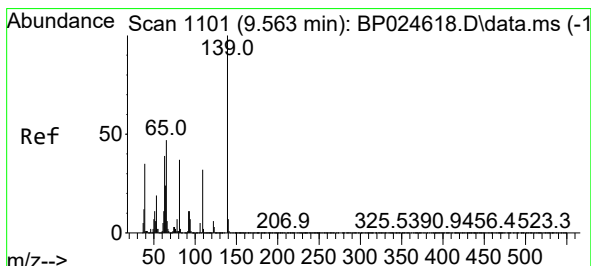
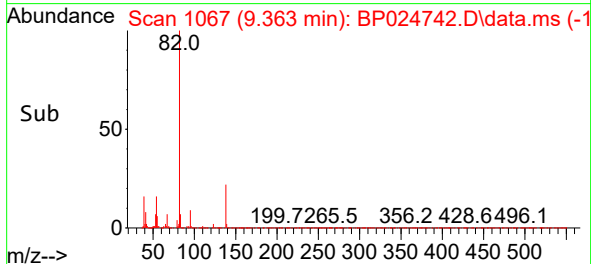
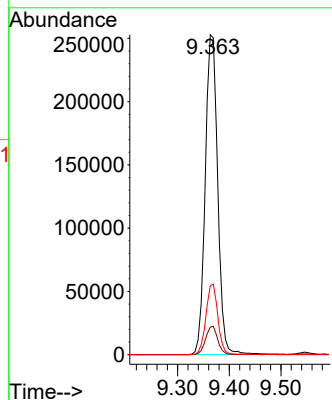
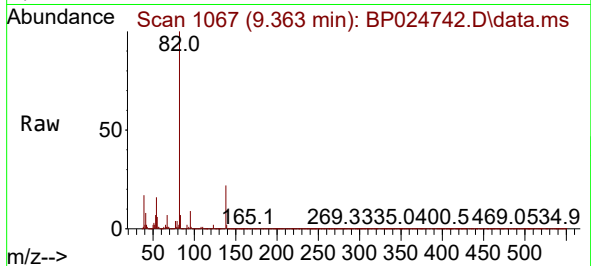




#25
Isophorone
Concen: 38.146 ng
RT: 9.363 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

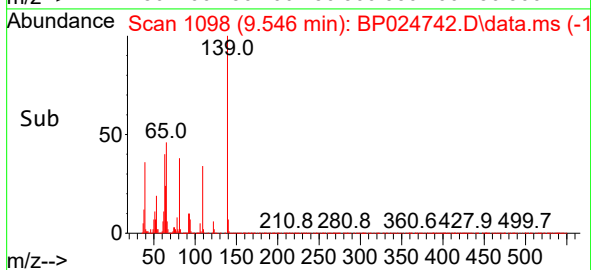
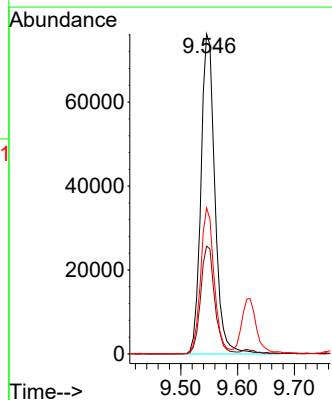
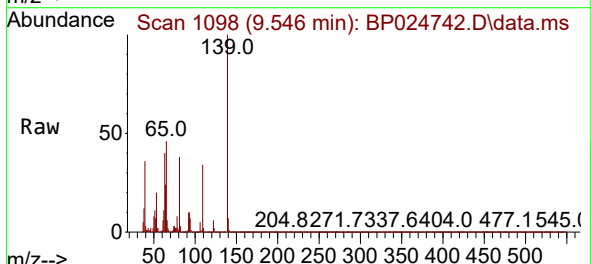
Instrument :
BNA_P
ClientSampleId :
TP-BMS

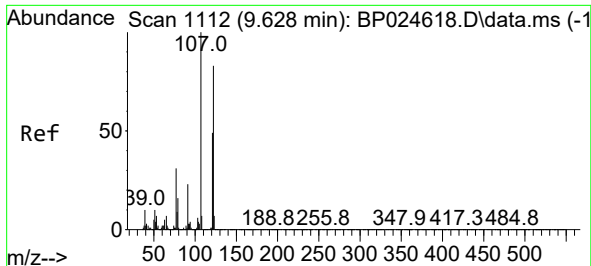
Tgt Ion: 82 Resp: 423406
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 21.6 15.3 22.9



#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

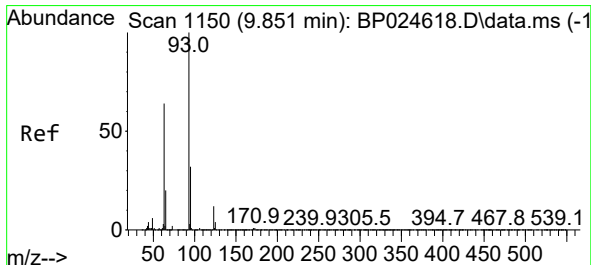
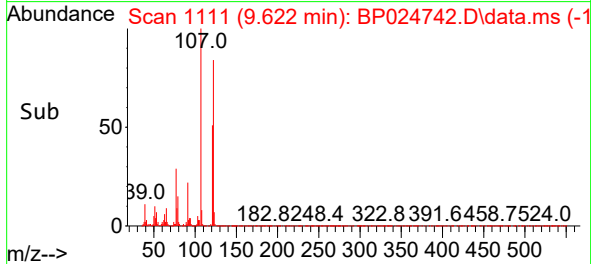
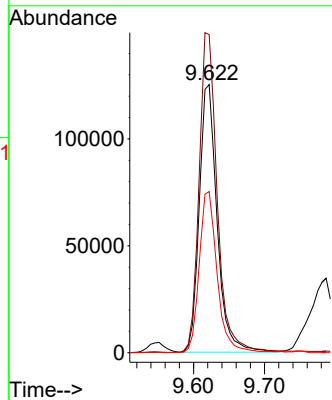
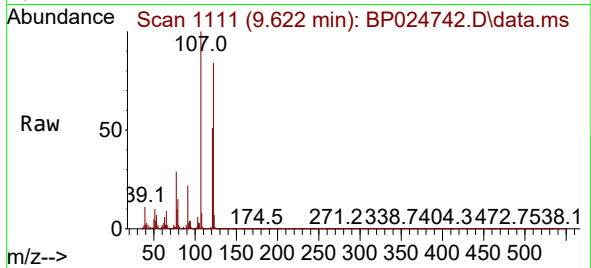
Tgt Ion:122 Resp: 219186

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

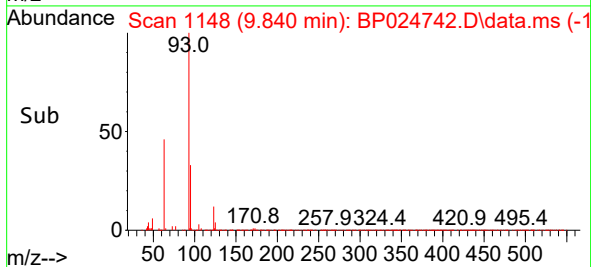
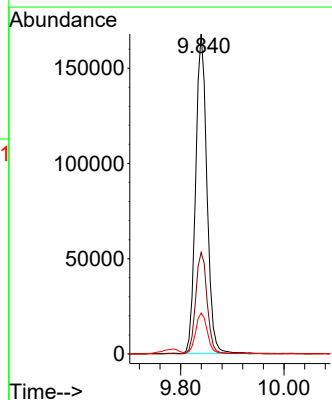
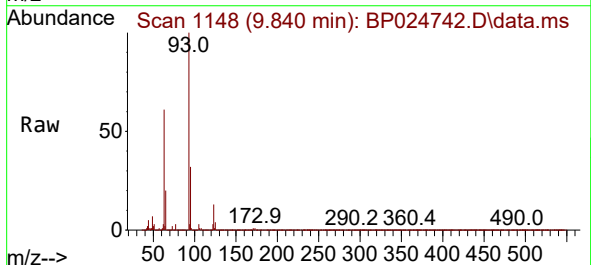
Tgt Ion: 93 Resp: 254502

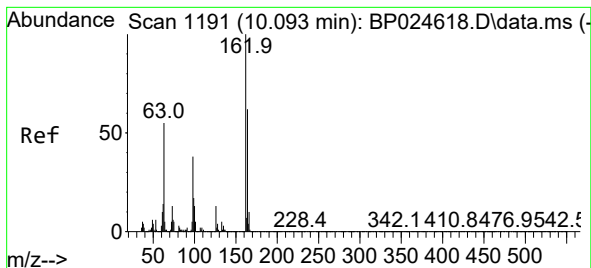
Ion Ratio Lower Upper

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

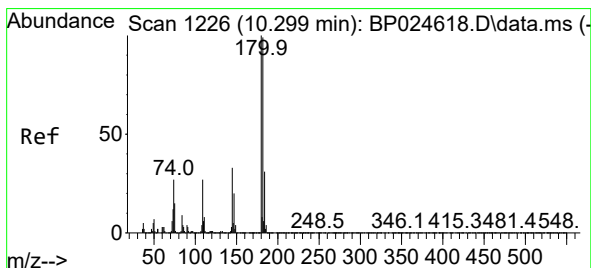
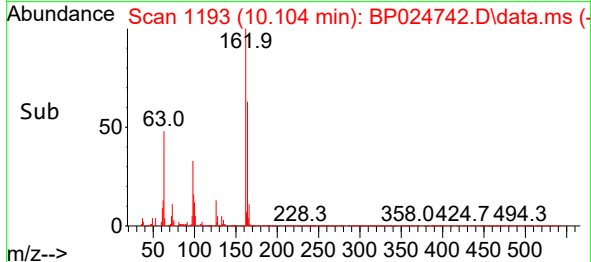
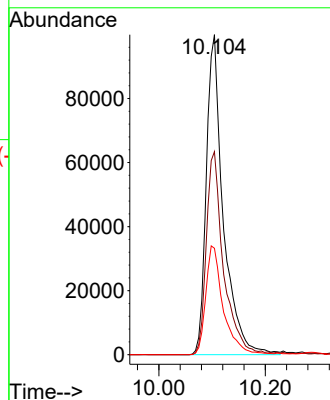
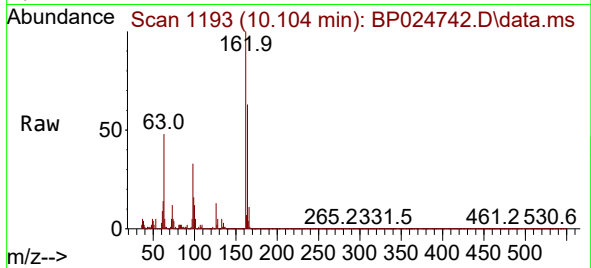
Tgt Ion:162 Resp: 220626

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

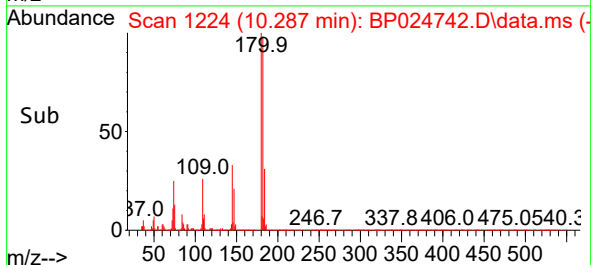
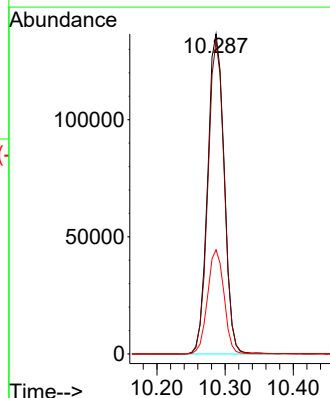
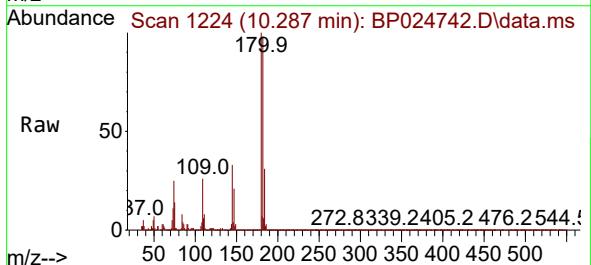
Tgt Ion:180 Resp: 230807

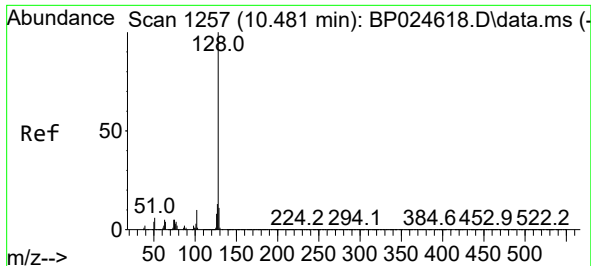
Ion Ratio Lower Upper

180 100

182 97.7 79.0 118.4

145 32.6 26.6 39.8

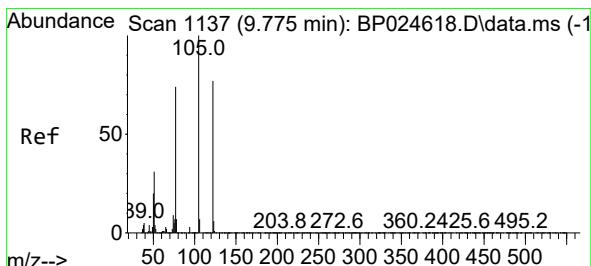
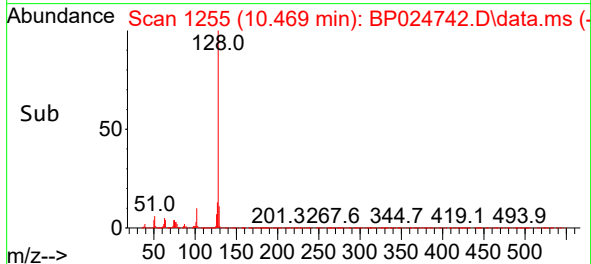
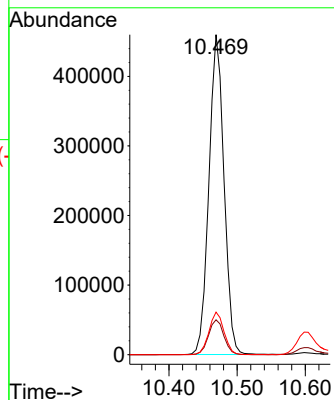
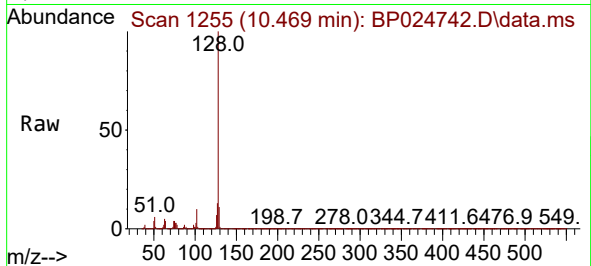




#31
Naphthalene
Concen: 42.279 ng
RT: 10.469 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

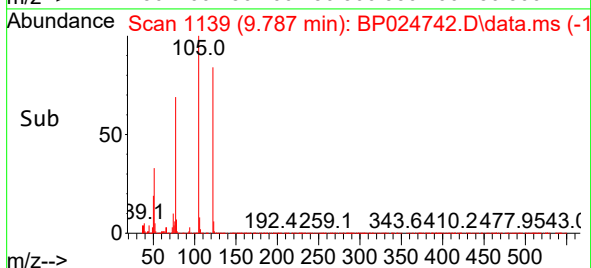
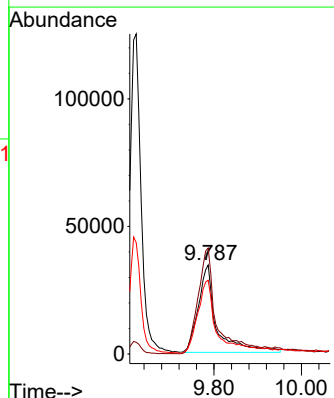
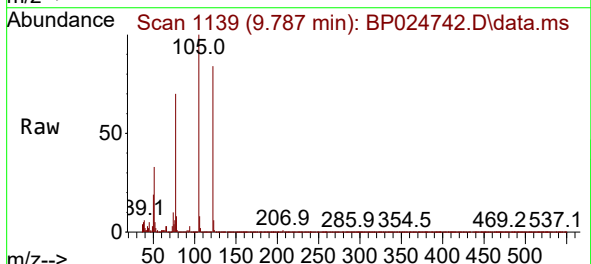
Instrument :
BNA_P
ClientSampleId :
TP-BMS

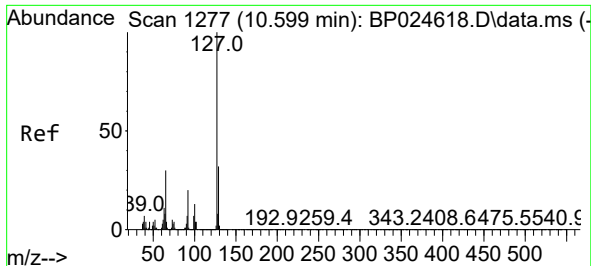
Tgt Ion:128 Resp: 708364
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.7 16.1



#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

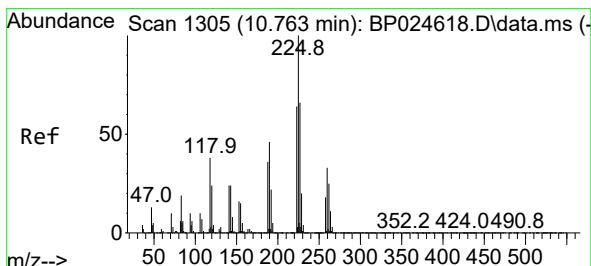
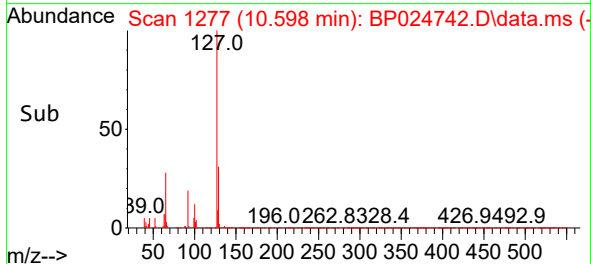
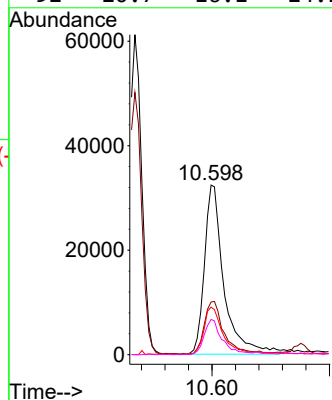
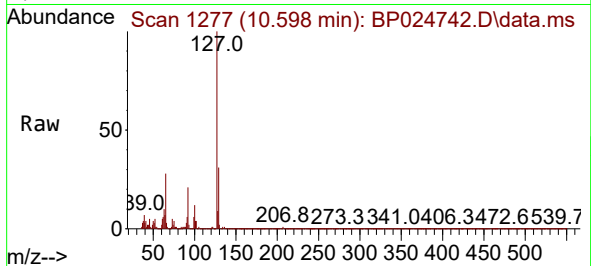




#33
4-Chloroaniline
Concen: 10.989 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

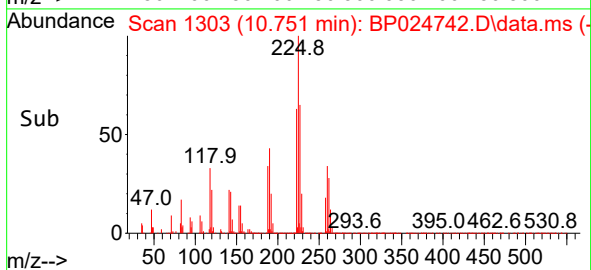
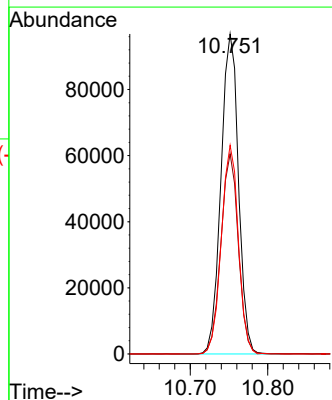
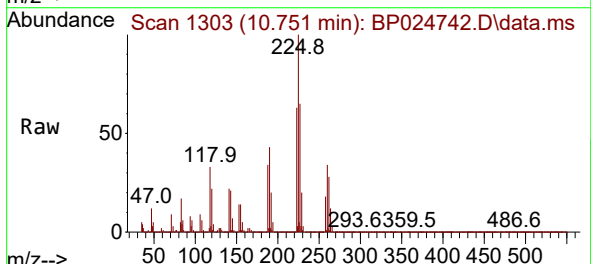
Instrument :
BNA_P
ClientSampleId :
TP-BMS

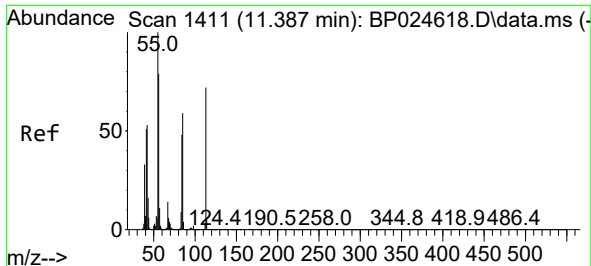
Tgt Ion:	127	Resp:	74294
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	28.0	23.9	35.9
92	20.7	16.1	24.1



#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

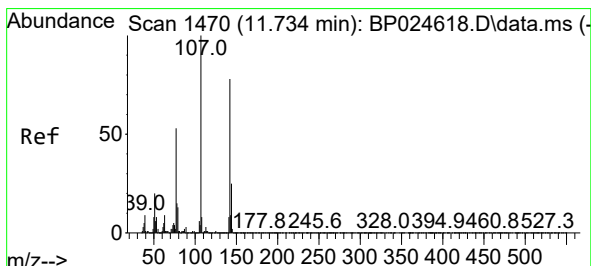
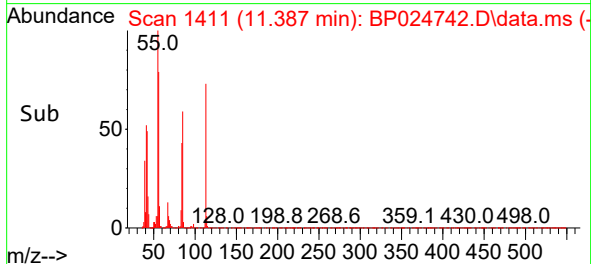
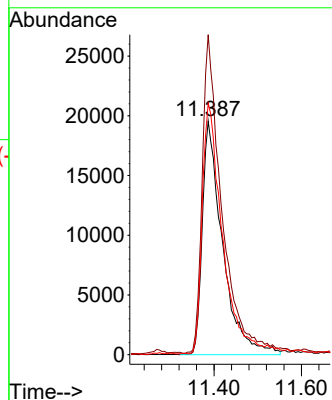
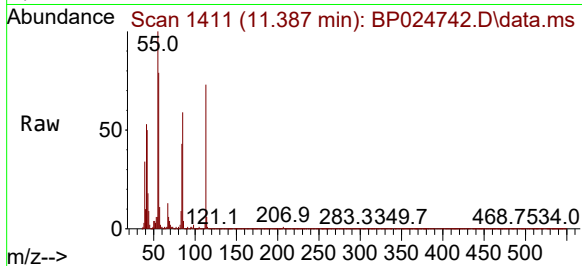




#35
Caprolactam
Concen: 36.815 ng
RT: 11.387 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

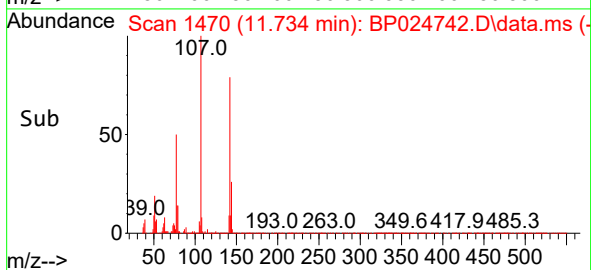
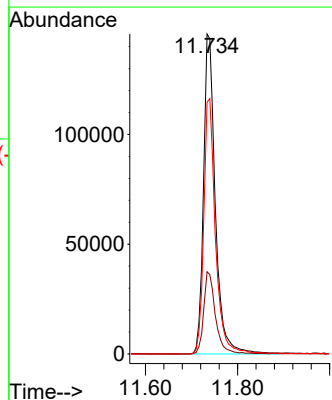
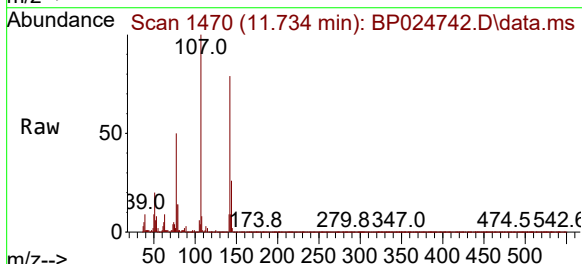
Instrument :
BNA_P
ClientSampleId :
TP-BMS

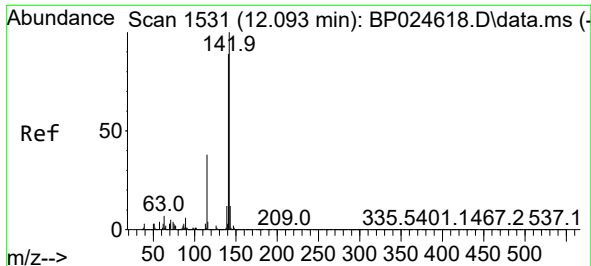
Tgt Ion	Ratio	Lower	Upper
113	100		
55	137.0	119.0	159.0
56	107.6	90.3	130.3



#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	Ratio	Lower	Upper
107	100		
144	25.7	20.1	30.1
142	78.7	62.1	93.1

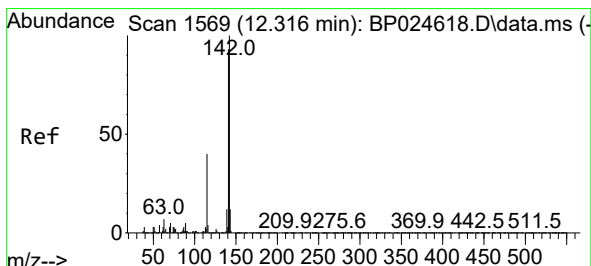
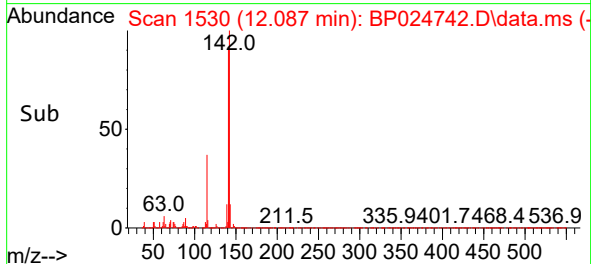
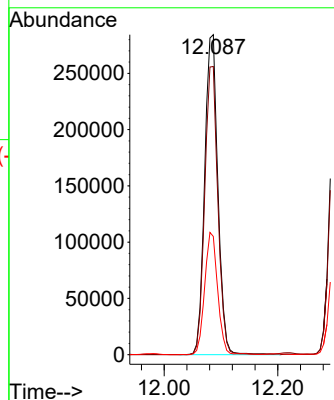
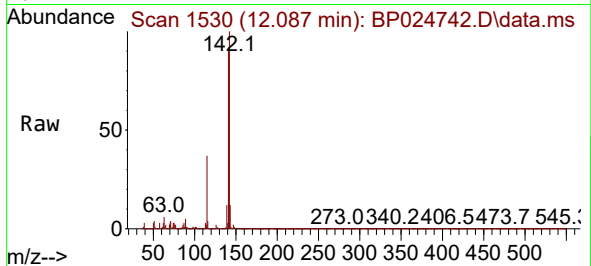




#37
2-Methylnaphthalene
Concen: 42.350 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

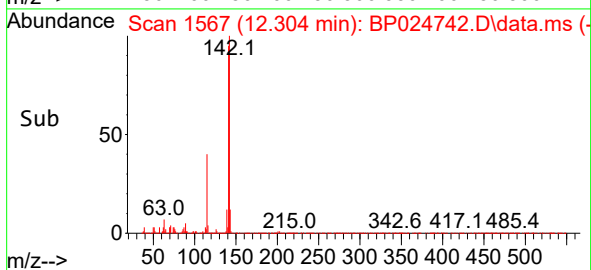
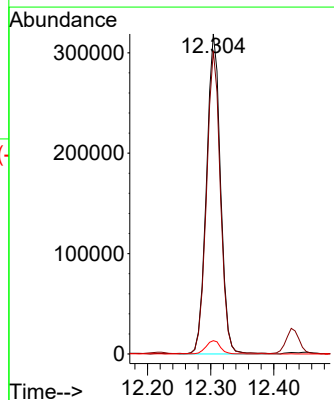
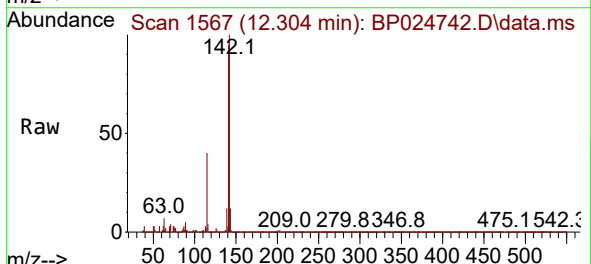
Instrument :
BNA_P
ClientSampleId :
TP-BMS

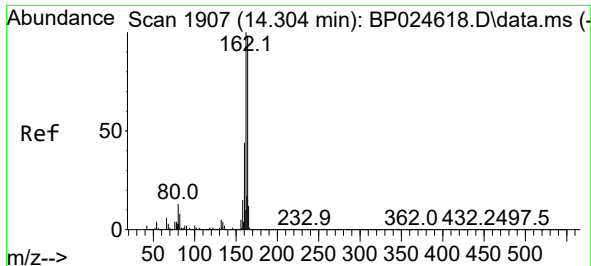
Tgt Ion:142 Resp: 459446
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 37.0 30.6 46.0



#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

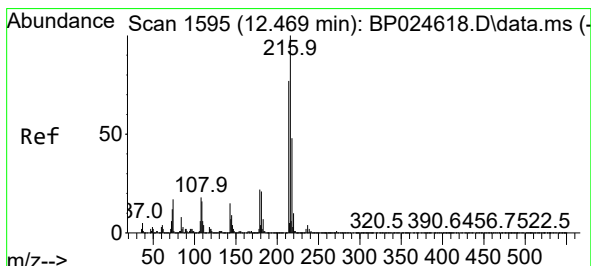
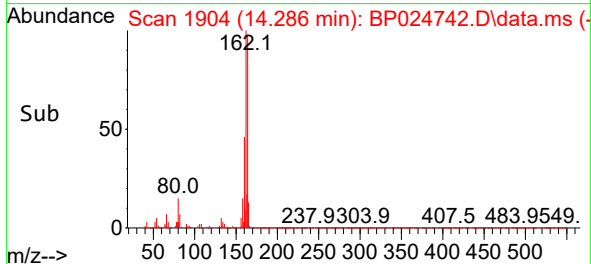
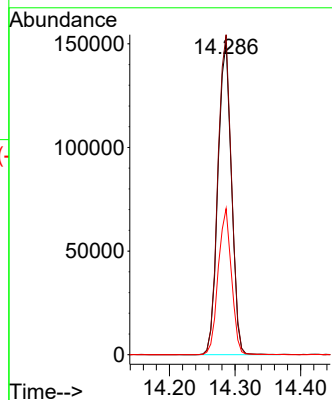
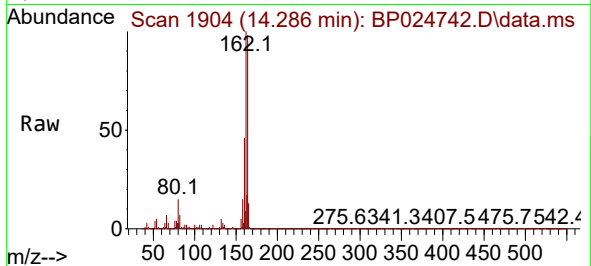




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

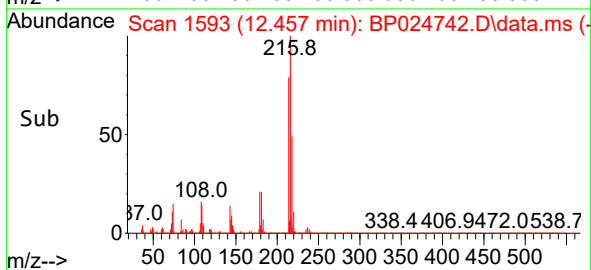
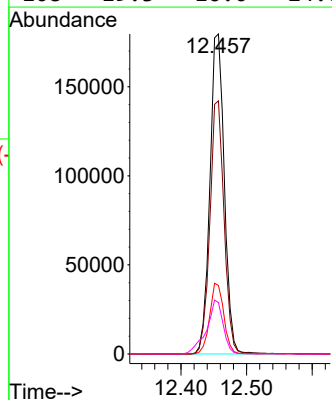
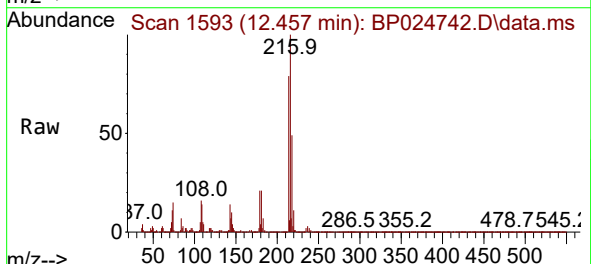
Instrument :
BNA_P
ClientSampleId :
TP-BMS

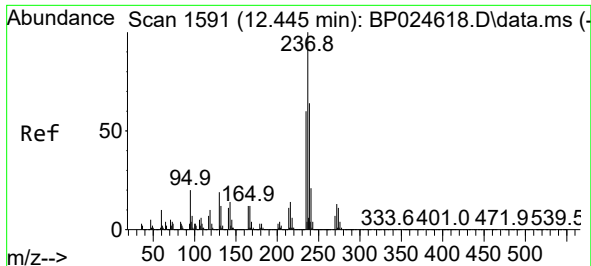
Tgt Ion:164 Resp: 214265
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 46.8 36.3 54.5



#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

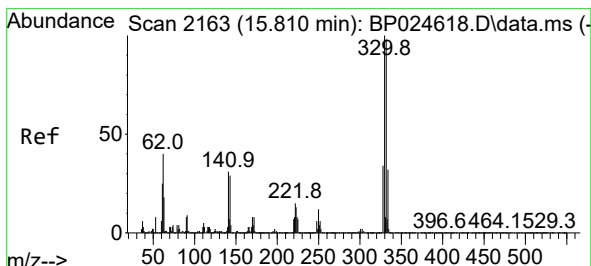
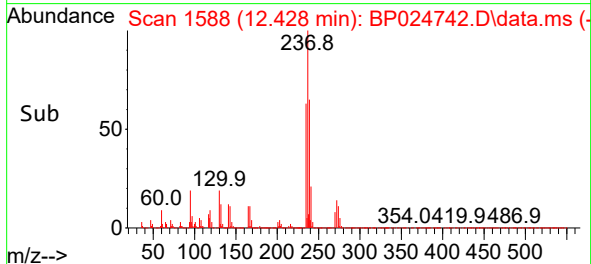
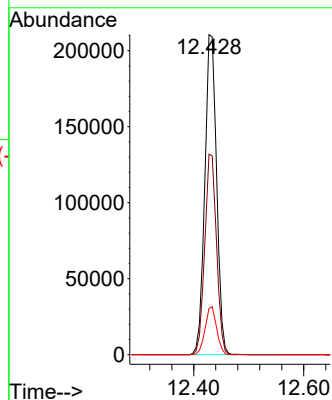
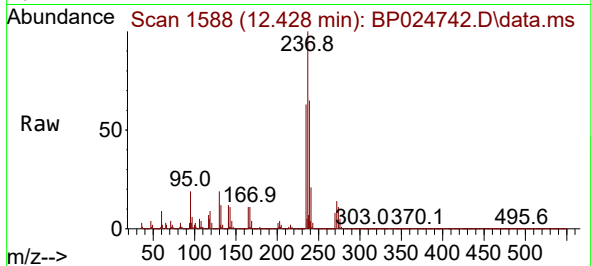




#41
Hexachlorocyclopentadiene
Concen: 82.992 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

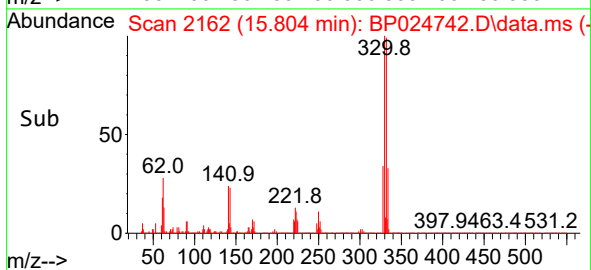
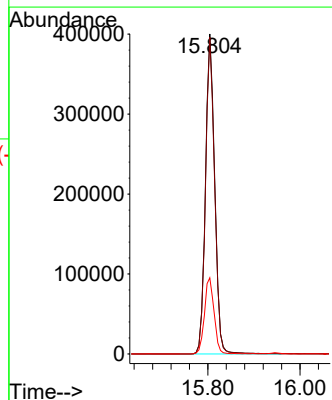
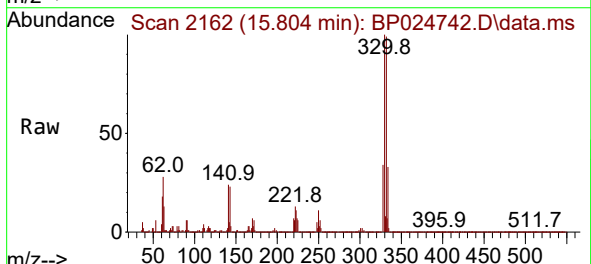
Instrument :
BNA_P
ClientSampleId :
TP-BMS

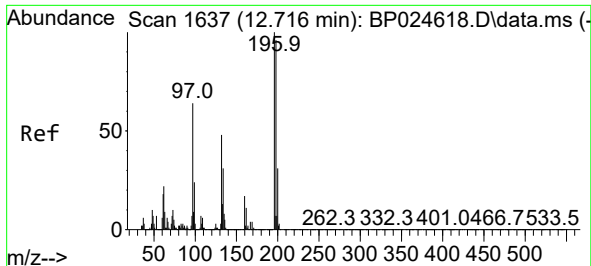
Tgt Ion:237 Resp: 313113
Ion Ratio Lower Upper
237 100
235 62.6 39.9 79.9
272 14.5 0.0 33.2



#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

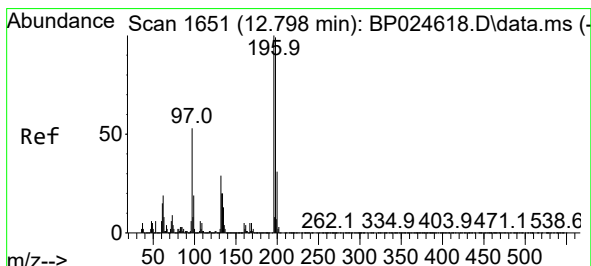
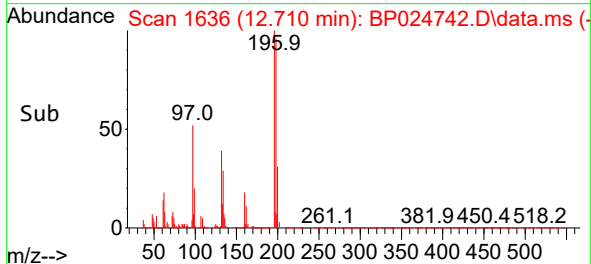
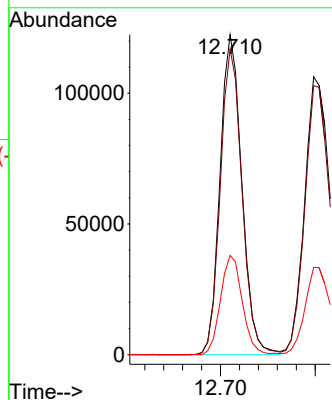
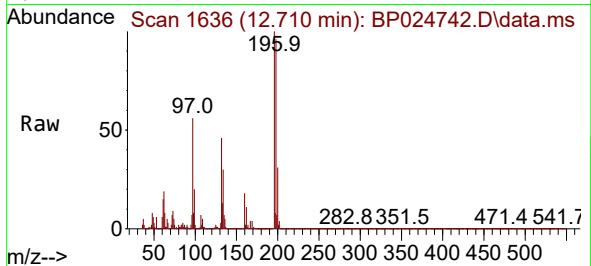




#43
2,4,6-Trichlorophenol
Concen: 48.592 ng
RT: 12.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

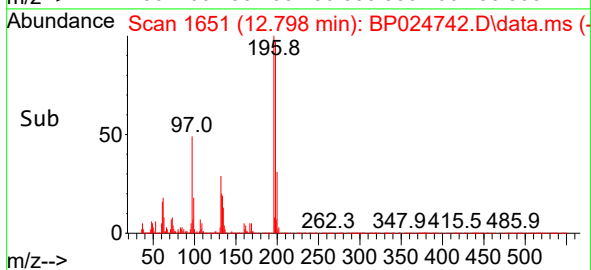
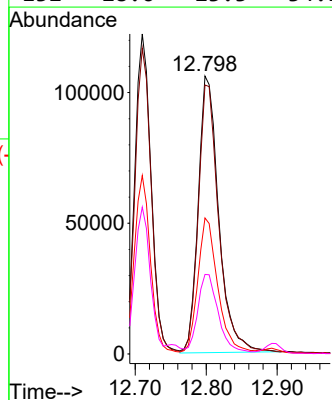
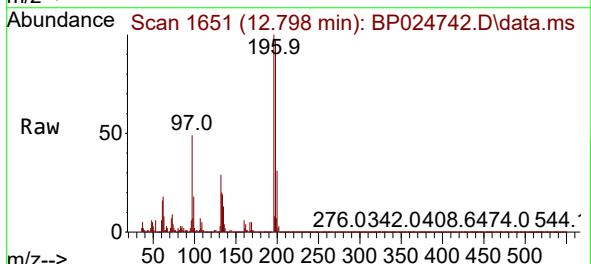
Instrument :
BNA_P
ClientSampleId :
TP-BMS

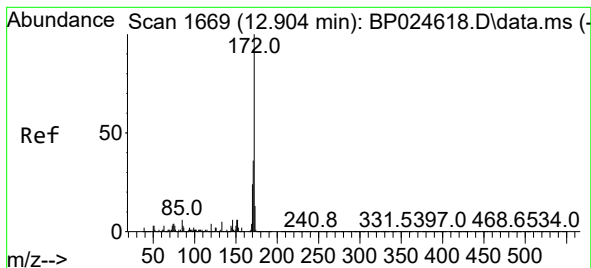
Tgt Ion:196 Resp: 195828
Ion Ratio Lower Upper
196 100
198 95.5 76.9 115.3
200 31.0 25.2 37.8



#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# 1

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

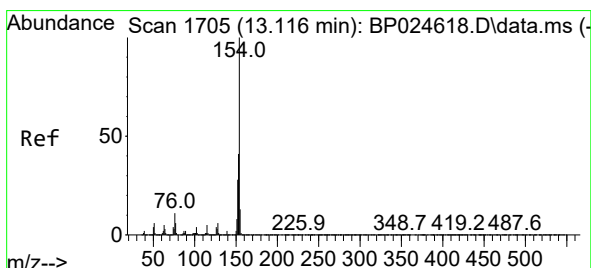
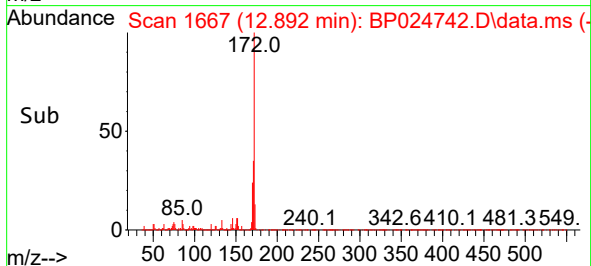
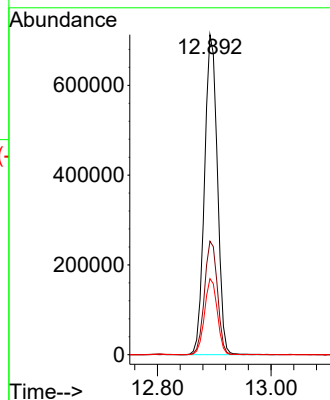
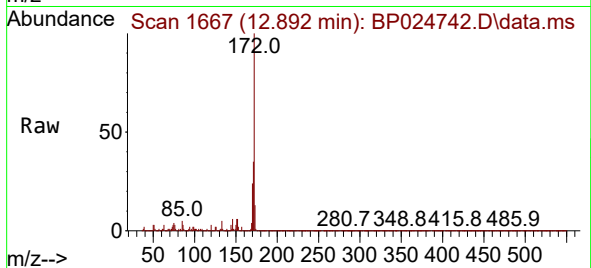
Tgt Ion:172 Resp: 1118285

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

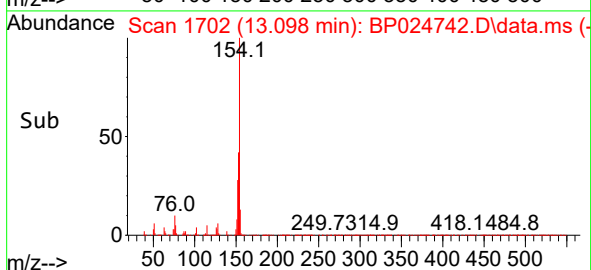
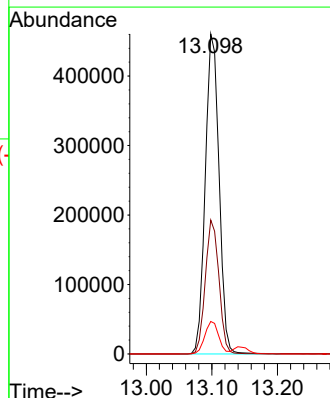
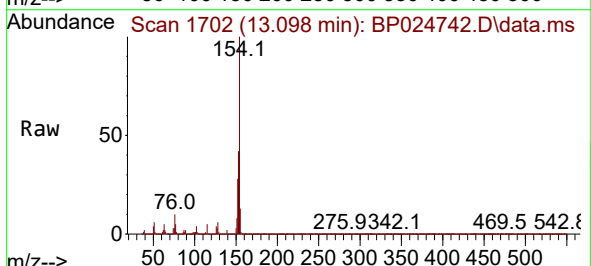
Tgt Ion:154 Resp: 674843

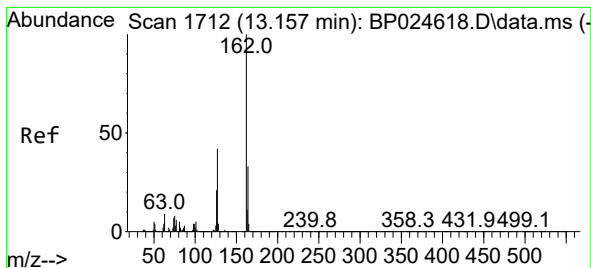
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

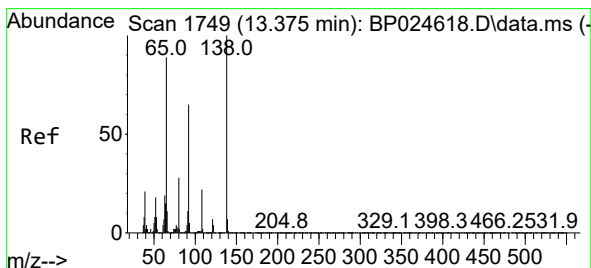
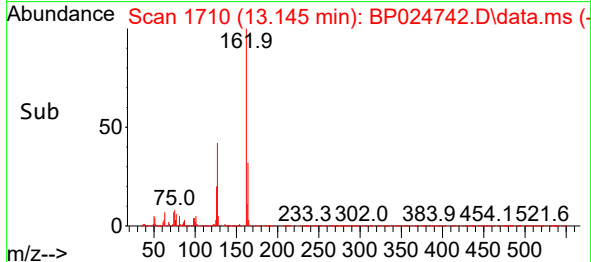
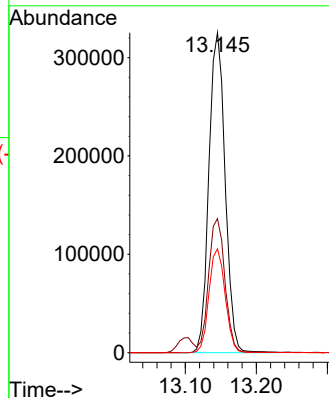
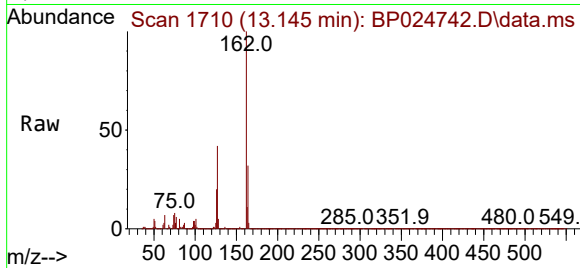
Tgt Ion:162 Resp: 516680

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

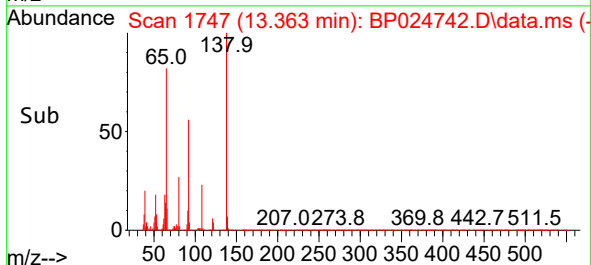
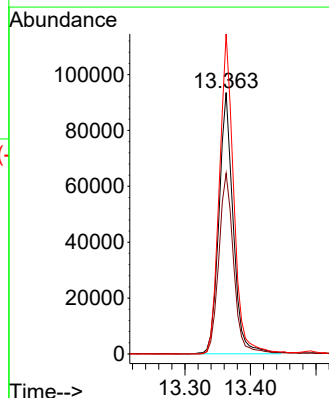
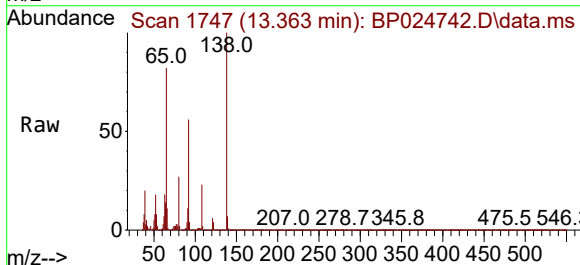
Tgt Ion: 65 Resp: 141017

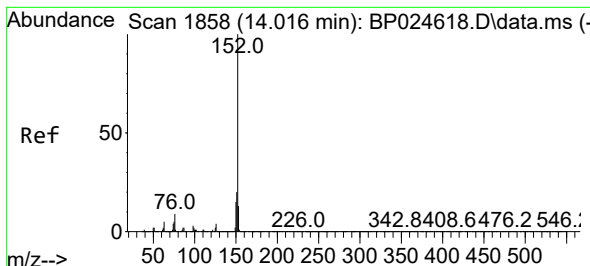
Ion Ratio Lower Upper

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

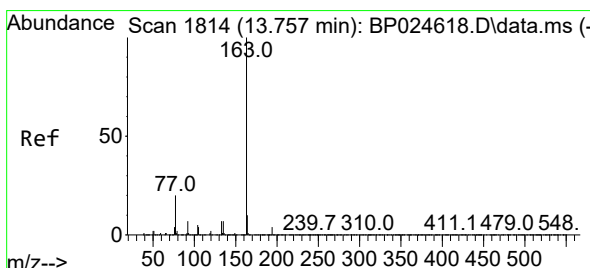
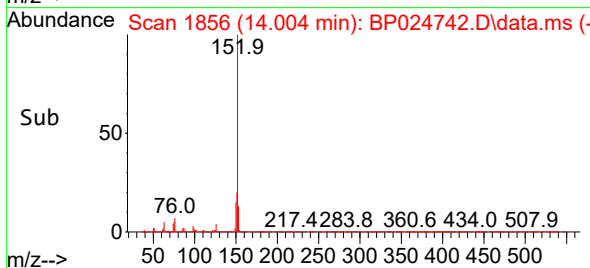
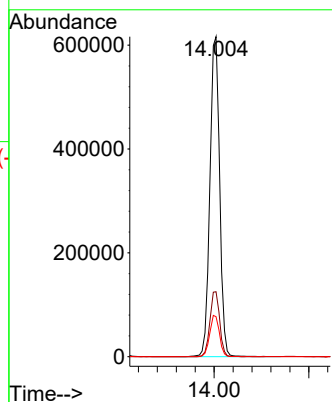
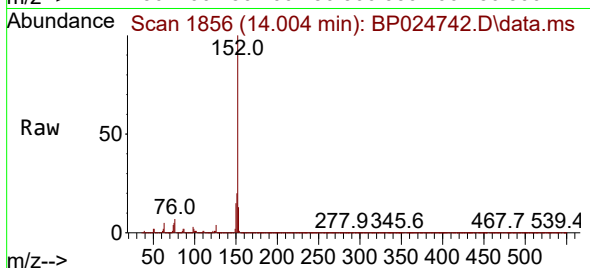
Tgt Ion:152 Resp: 878928

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

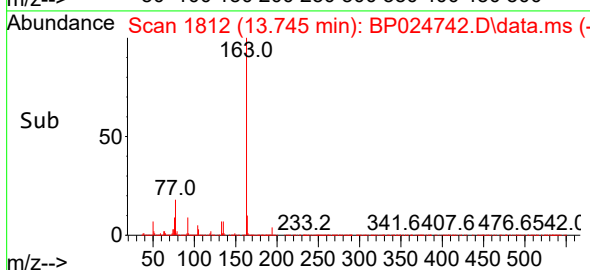
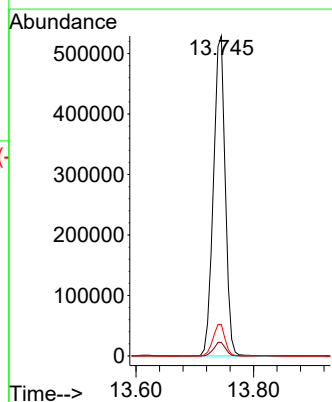
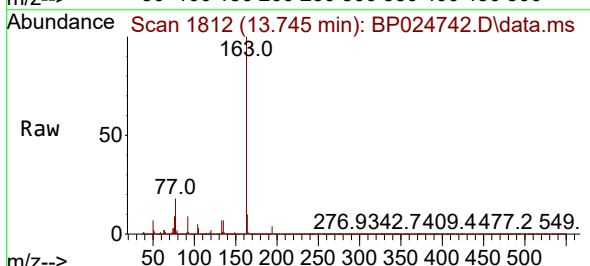
Tgt Ion:163 Resp: 736042

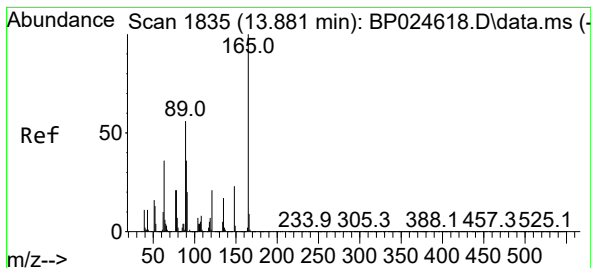
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 8.1 12.1

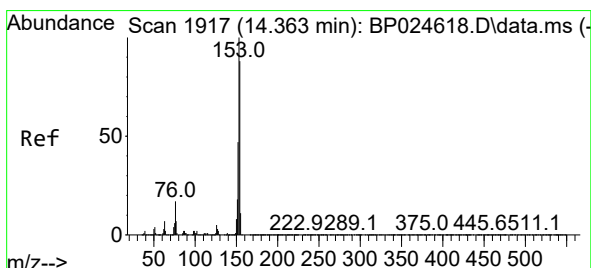
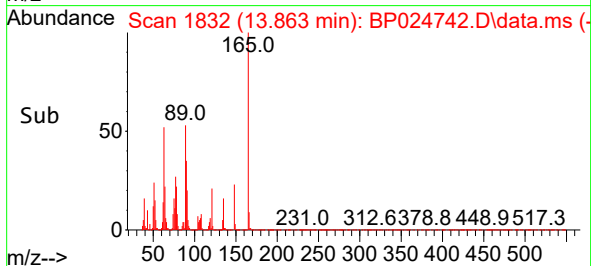
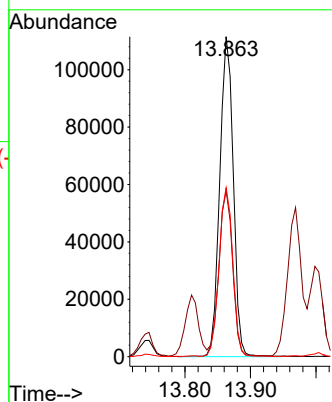
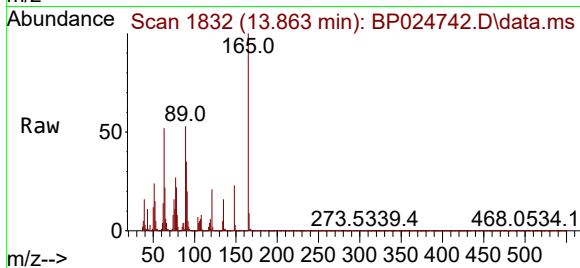




#51
2,6-Dinitrotoluene
Concen: 46.151 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

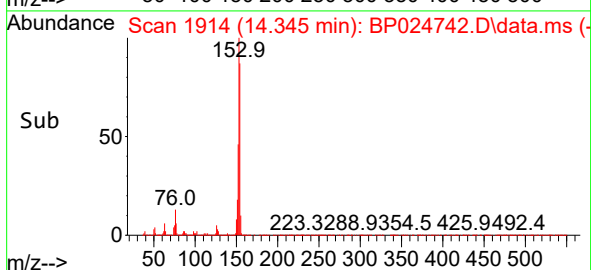
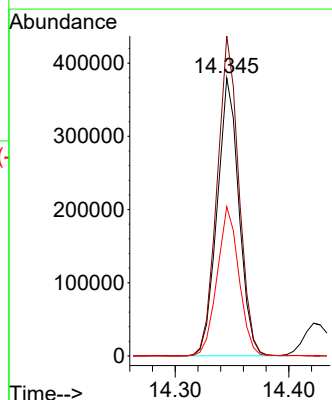
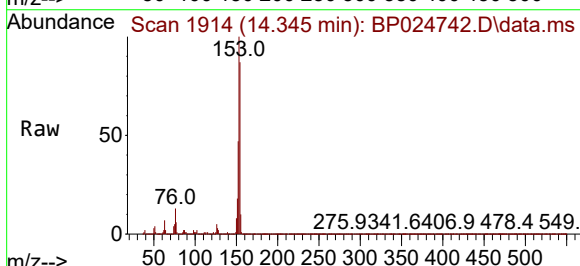
Instrument :
BNA_P
ClientSampleId :
TP-BMS

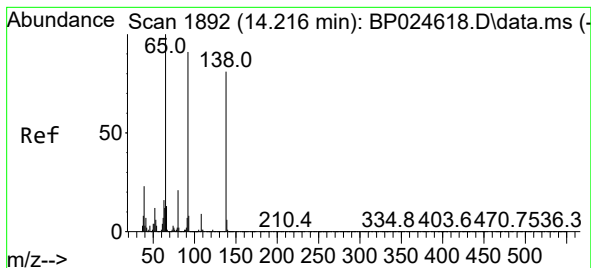
Tgt Ion:165 Resp: 159178
Ion Ratio Lower Upper
165 100
63 51.8 42.4 63.6
89 52.8 44.8 67.2



#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

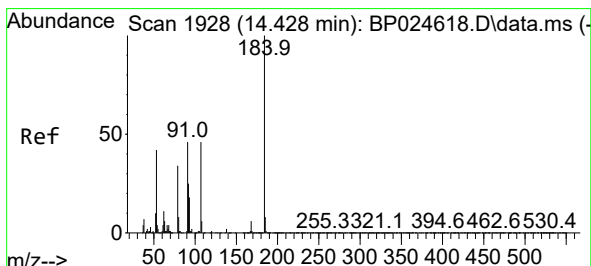
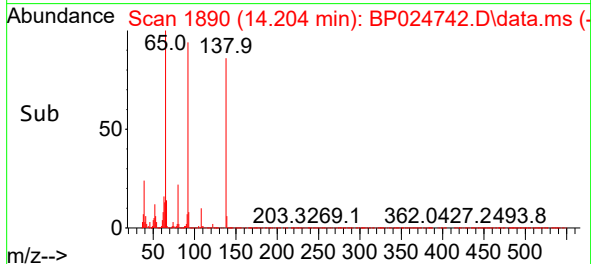
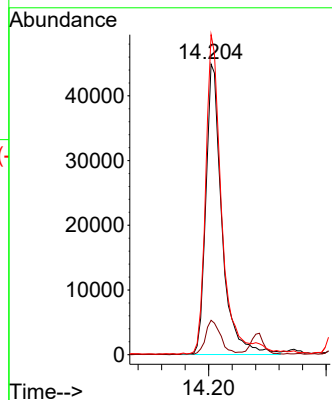
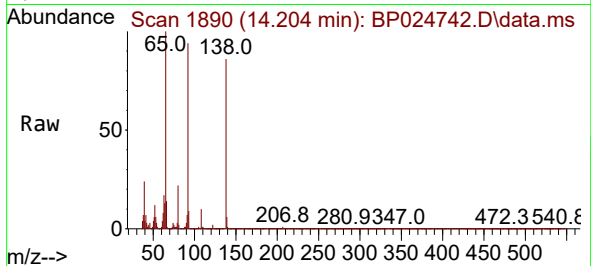
Tgt Ion:138 Resp: 85223

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

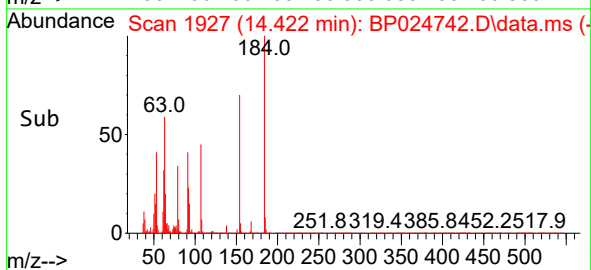
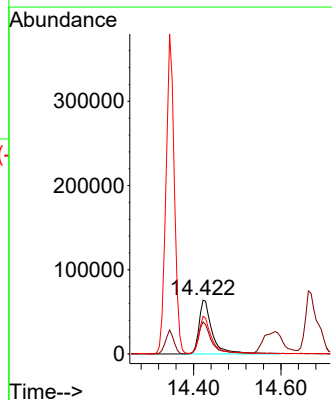
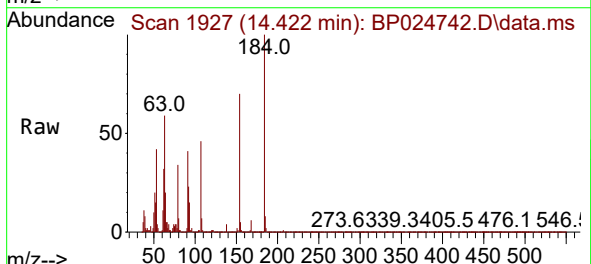
Tgt Ion:184 Resp: 134885

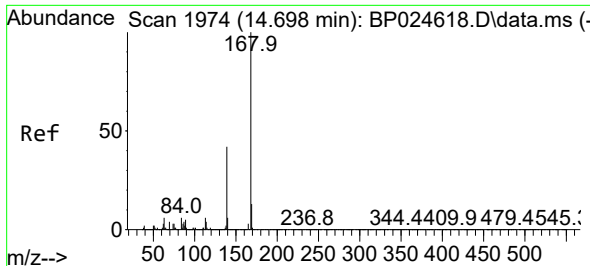
Ion Ratio Lower Upper

184 100

63 59.4 51.3 76.9

154 70.1 53.5 80.3

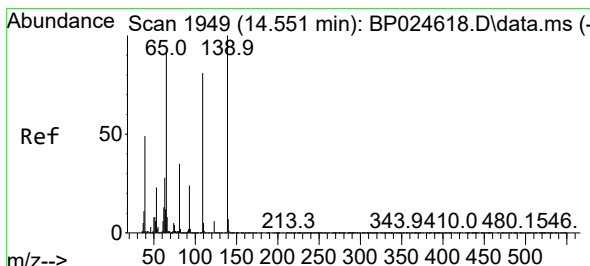
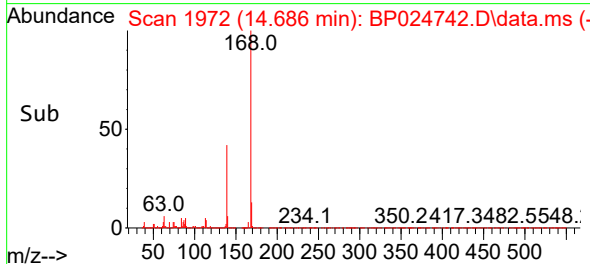
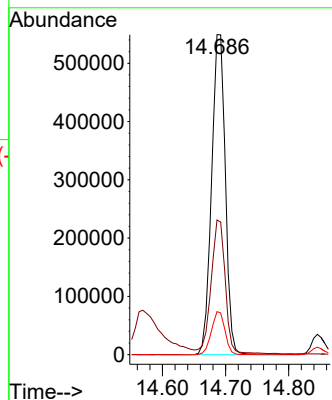
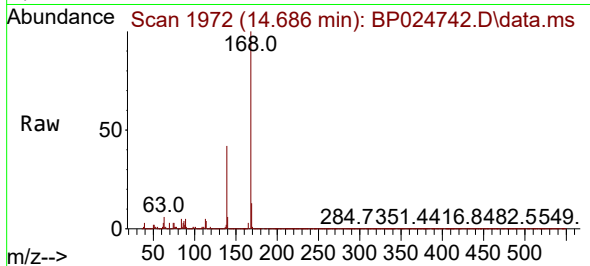




#55
Dibenzofuran
Concen: 44.745 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

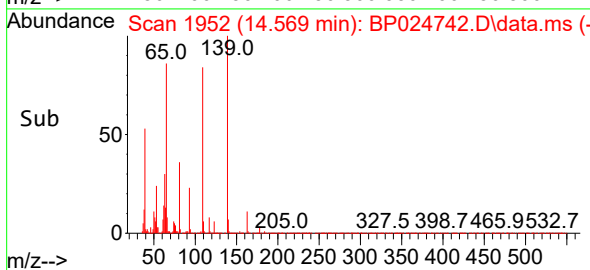
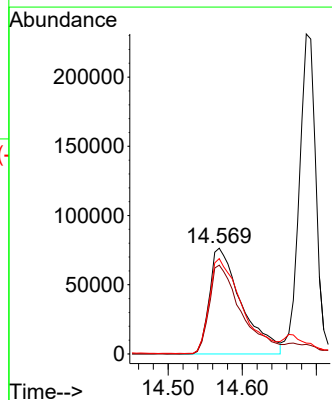
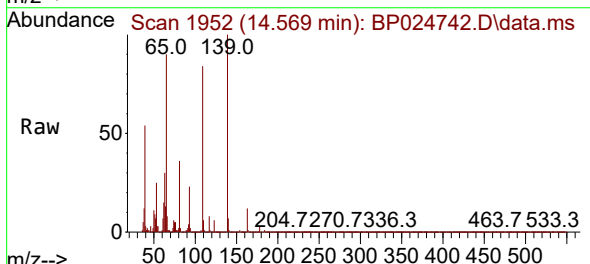
Instrument :
BNA_P
ClientSampleId :
TP-BMS

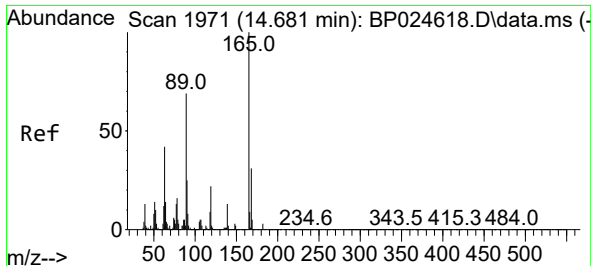
Tgt Ion:168 Resp: 829108
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.5 10.8 16.2



#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

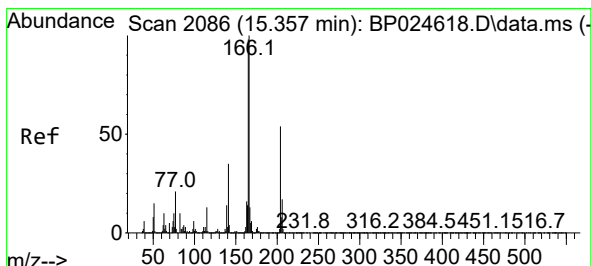
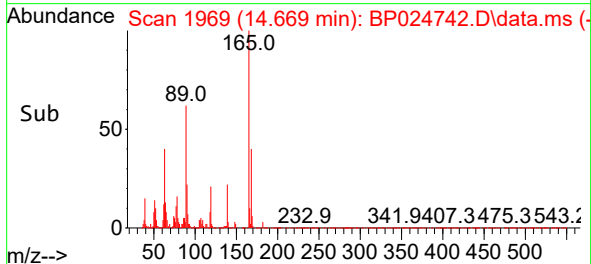
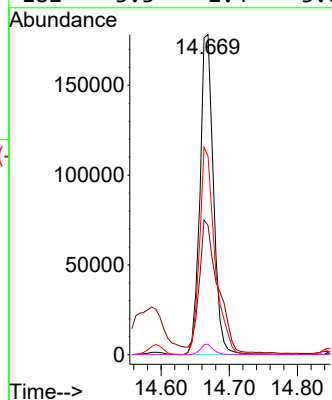
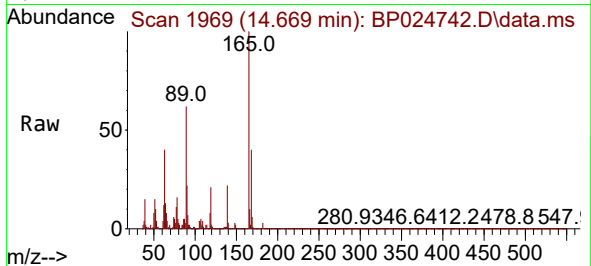




#57
2,4-Dinitrotoluene
Concen: 50.499 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

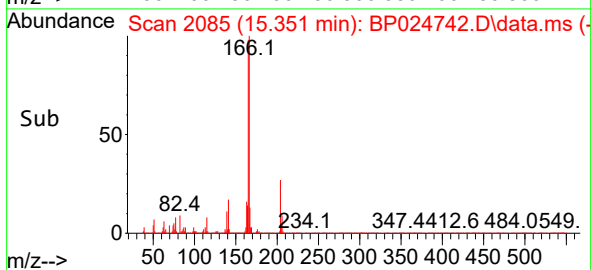
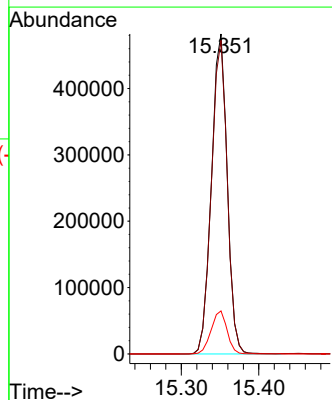
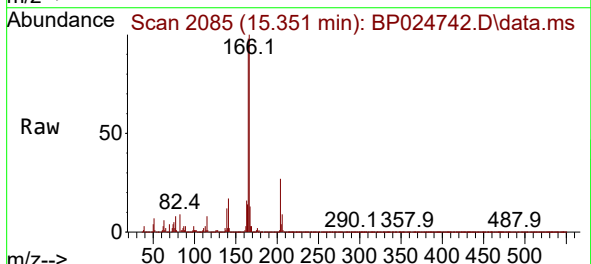
Instrument :
BNA_P
ClientSampleId :
TP-BMS

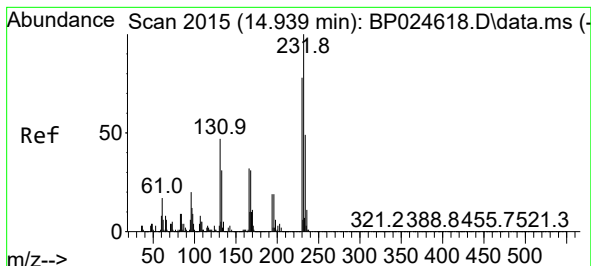
Tgt Ion:165 Resp: 245556
Ion Ratio Lower Upper
165 100
63 40.4 33.8 50.6
89 62.1 55.6 83.4
182 3.3 2.4 3.6



#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



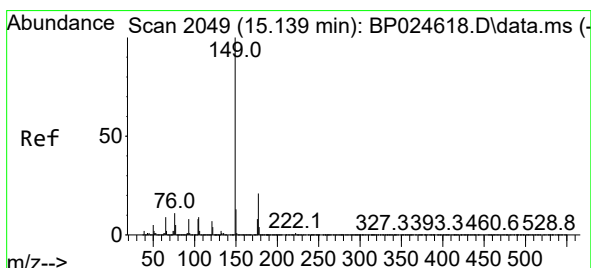
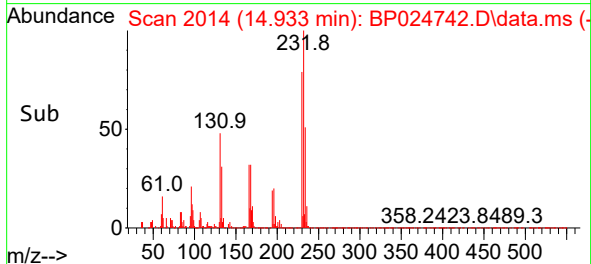
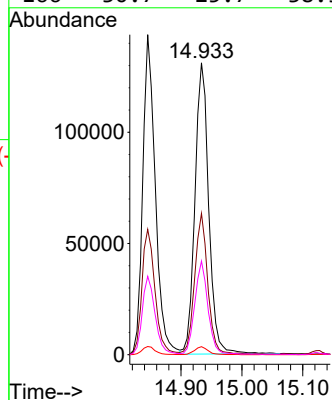
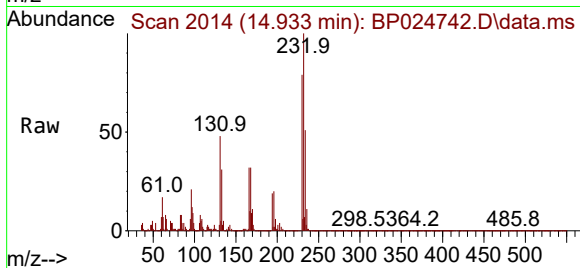


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.422 ng
RT: 14.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

Instrument :
BNA_P
ClientSampleId :
TP-BMS

Tgt Ion:232 Resp: 205667

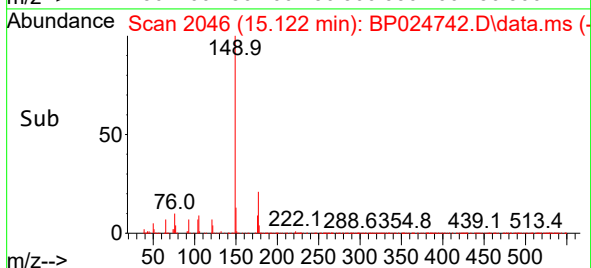
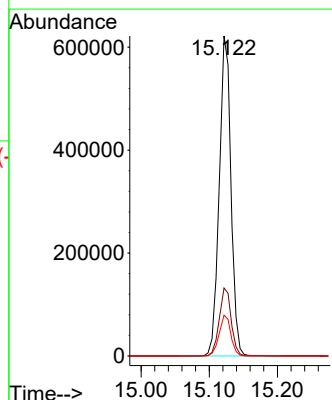
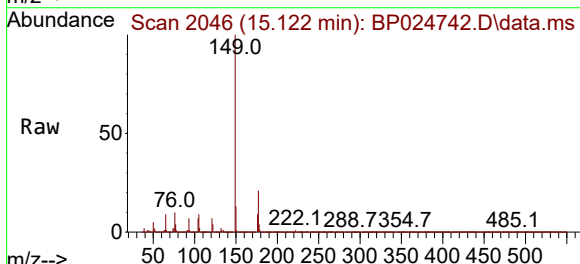
Ion	Ratio	Lower	Upper
232	100		
131	45.8	39.5	59.3
130	2.6	2.2	3.4
166	30.7	25.7	38.5

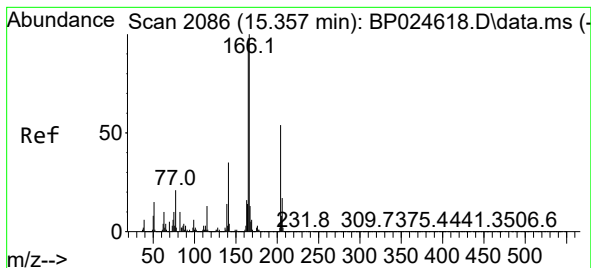


#60
Diethylphthalate
Concen: 45.014 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

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

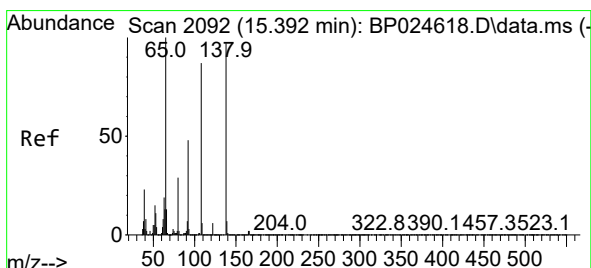
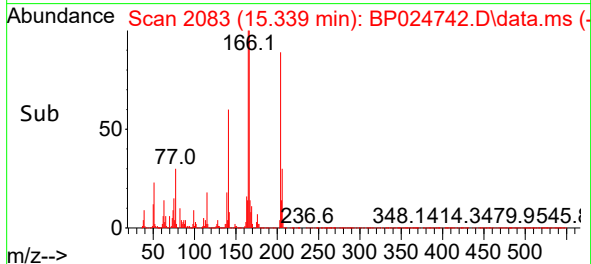
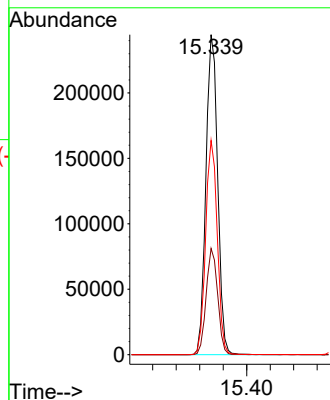
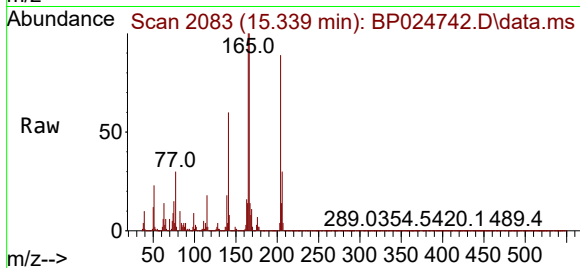




#61
4-Chlorophenyl-phenylether
Concen: 45.079 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

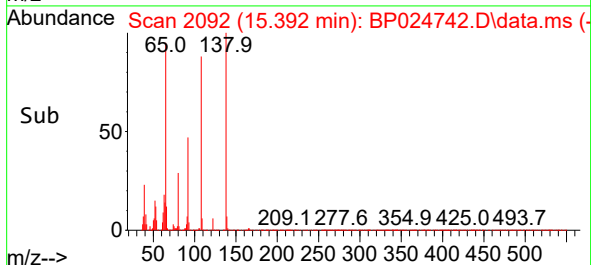
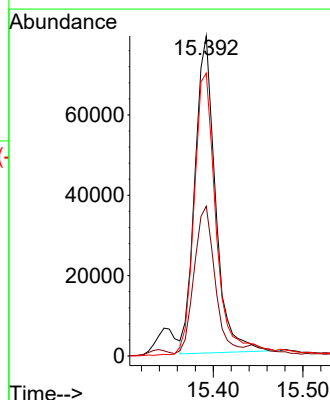
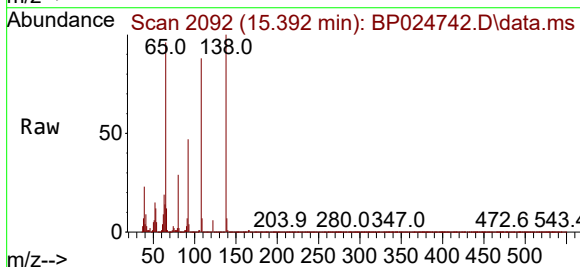
Instrument :
BNA_P
ClientSampleId :
TP-BMS

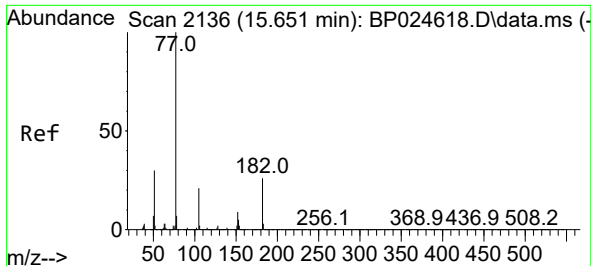
Tgt Ion:204 Resp: 339666
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 67.0 52.9 79.3



#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

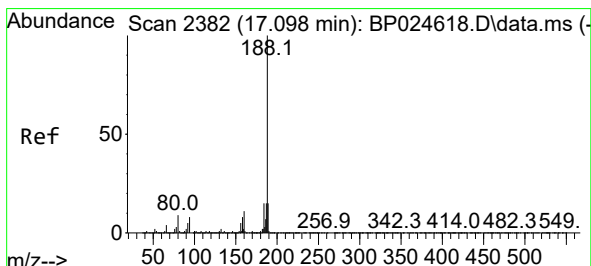
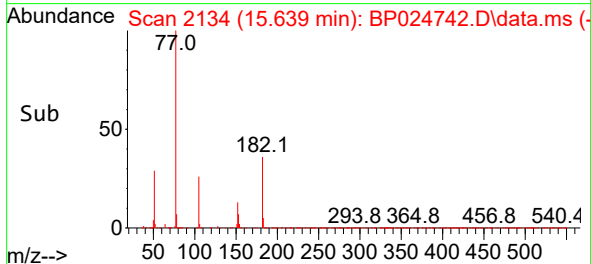
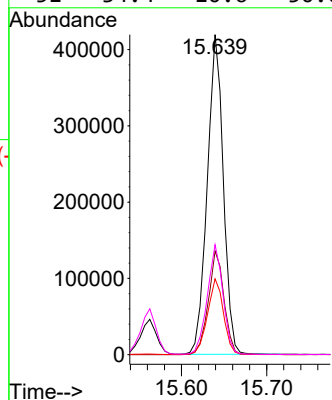
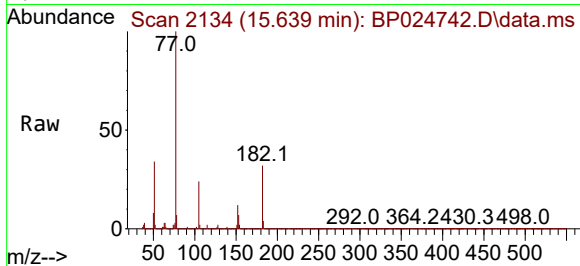




#63
Azobenzene
Concen: 38.893 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

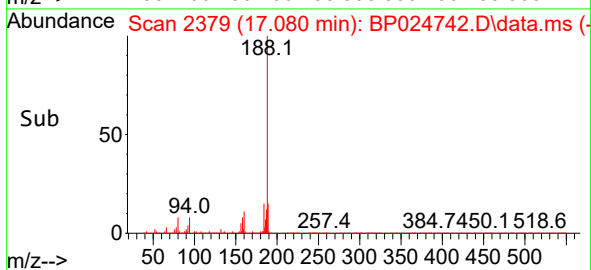
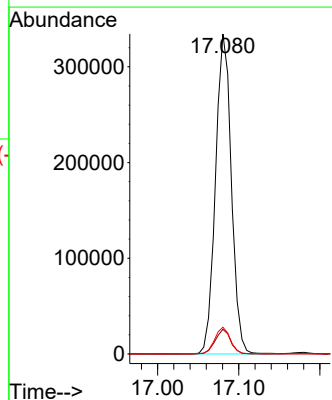
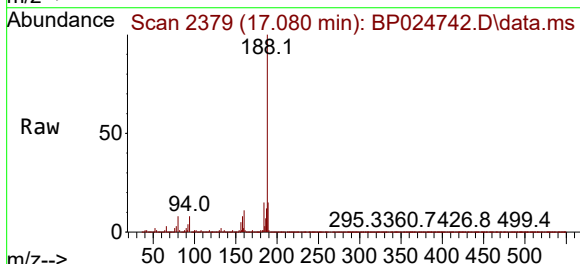
Instrument :
BNA_P
ClientSampleId :
TP-BMS

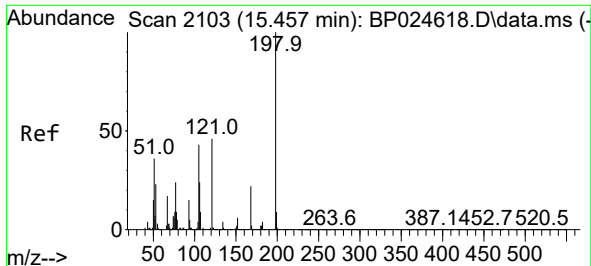
Tgt Ion: 77	Resp: 549199
Ion Ratio	Lower Upper
77 100	
182 32.4	5.7 45.7
105 23.7	1.3 41.3
51 34.4	10.6 50.6



#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

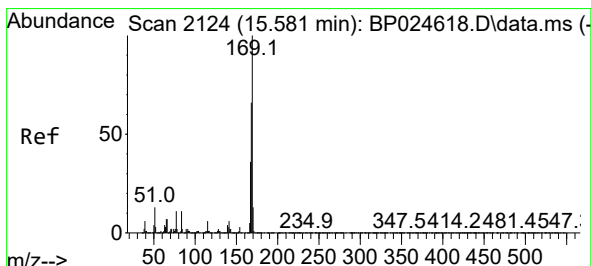
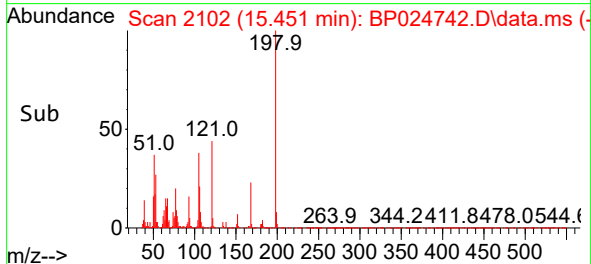
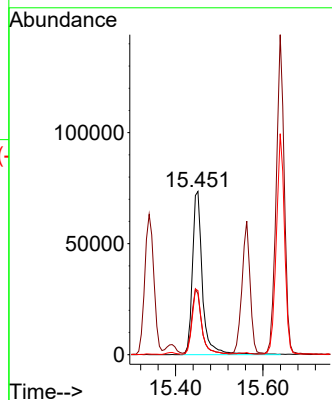
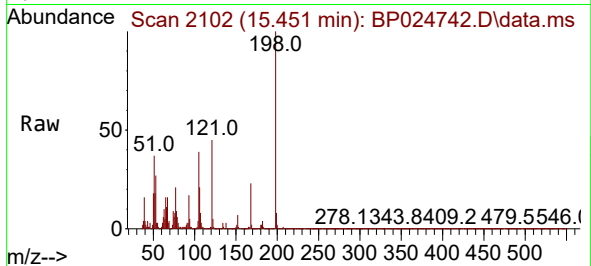




#65
4,6-Dinitro-2-methylphenol
Concen: 39.943 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

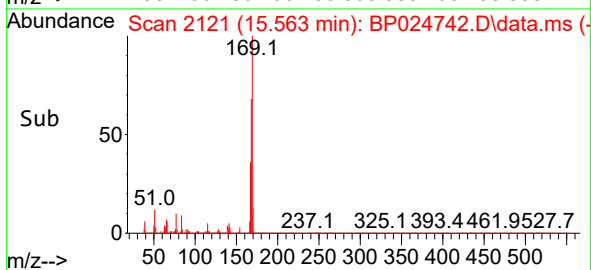
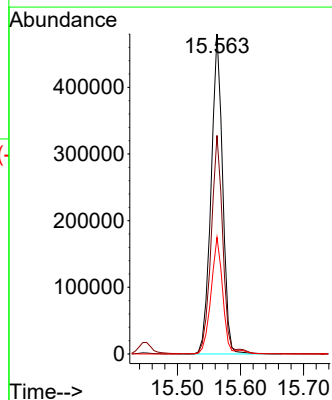
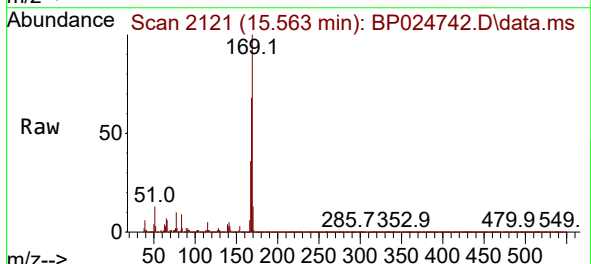
Instrument :
BNA_P
ClientSampleId :
TP-BMS

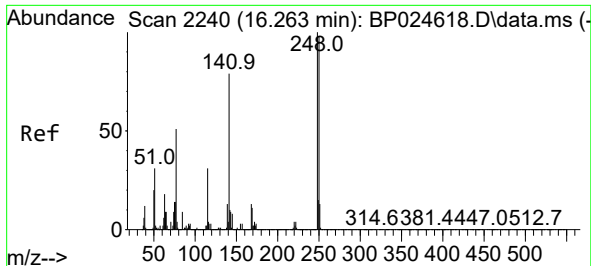
Tgt Ion:198 Resp: 116966
Ion Ratio Lower Upper
198 100
51 37.3 21.1 61.1
105 39.2 23.6 63.6



#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

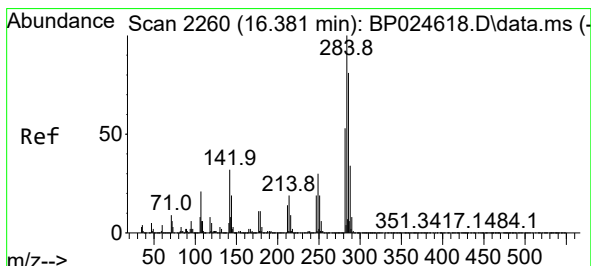
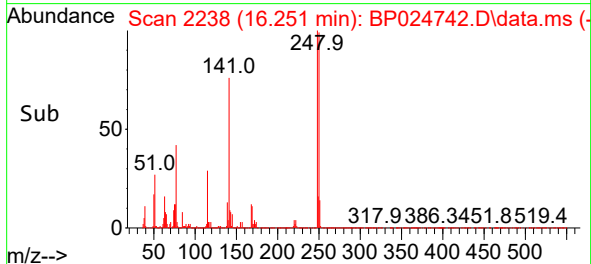
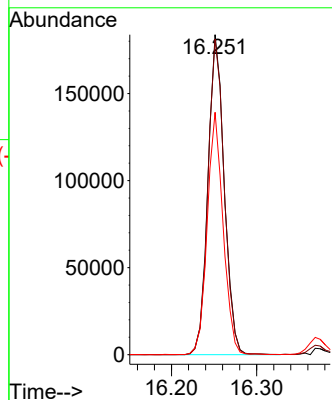
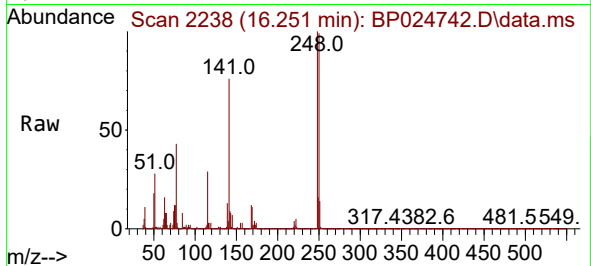




#67
4-Bromophenyl-phenylether
Concen: 45.641 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

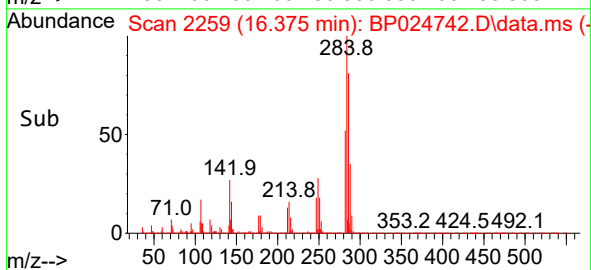
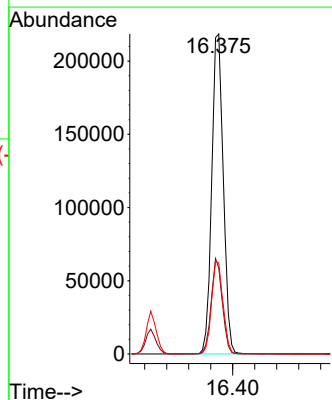
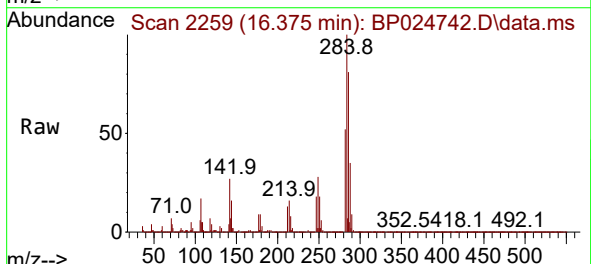
Instrument :
BNA_P
ClientSampleId :
TP-BMS

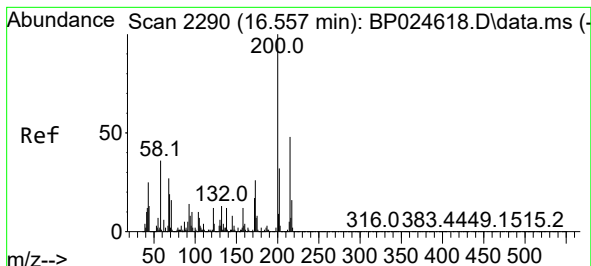
Tgt Ion:248 Resp: 243811
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 75.7 63.0 94.6



#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

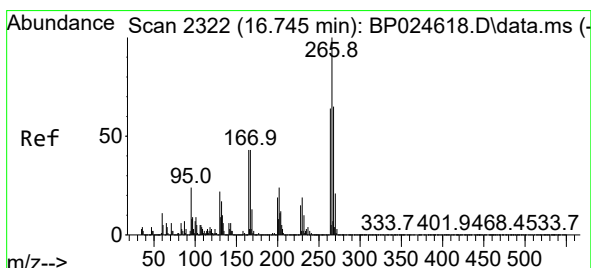
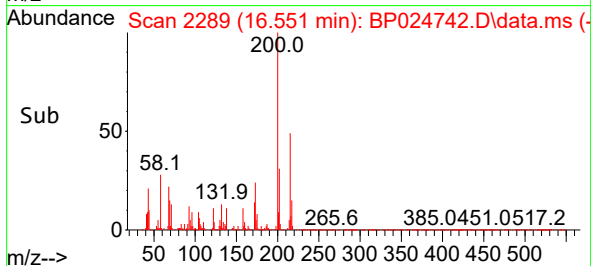
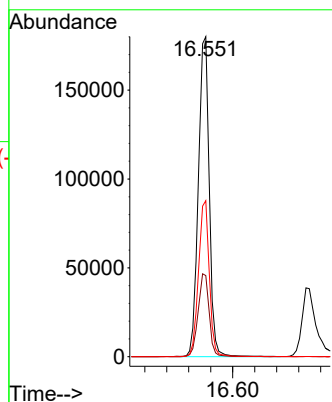
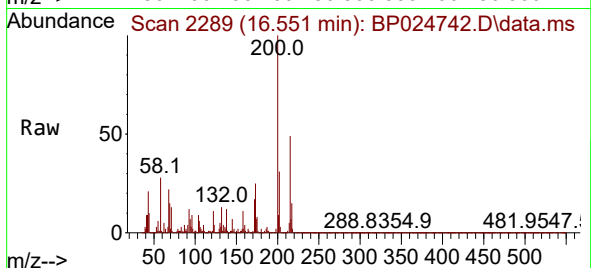
Tgt Ion:200 Resp: 248860

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

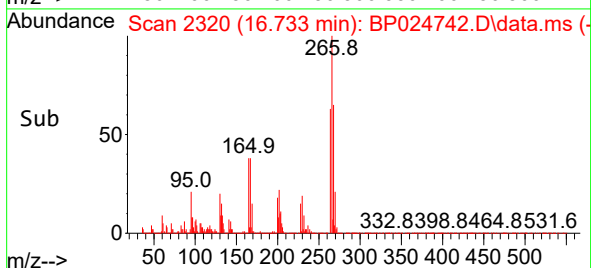
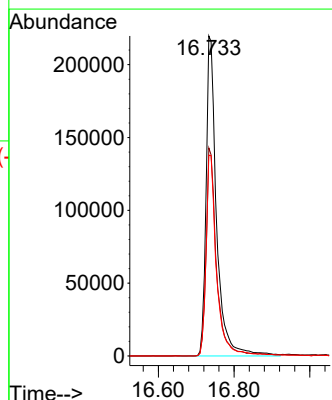
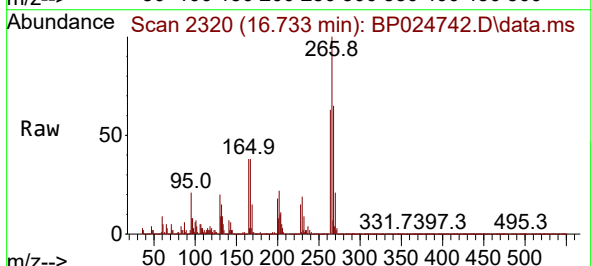
Tgt Ion:266 Resp: 421207

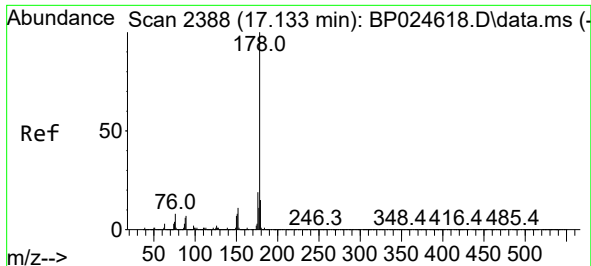
Ion Ratio Lower Upper

266 100

268 65.0 52.2 78.4

264 62.7 51.1 76.7

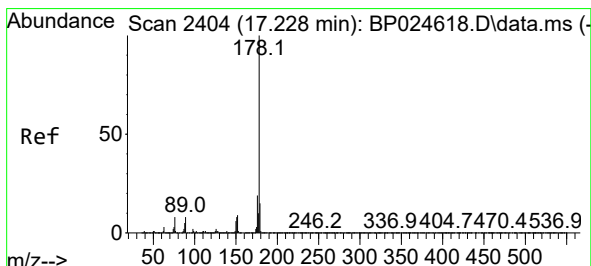
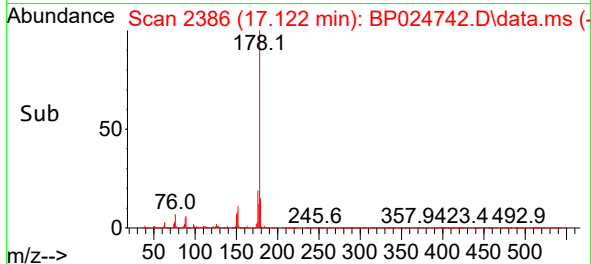
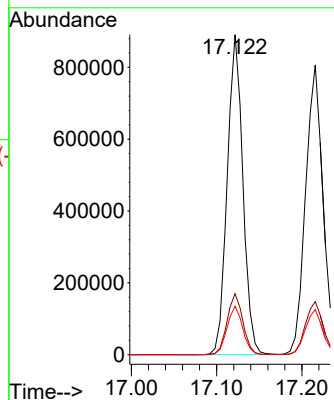
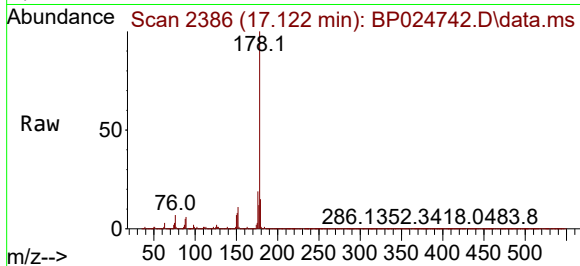




#71
Phenanthrene
Concen: 45.106 ng
RT: 17.122 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

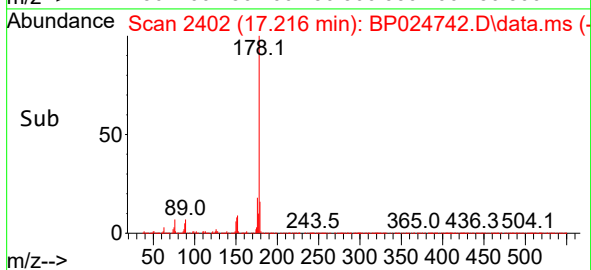
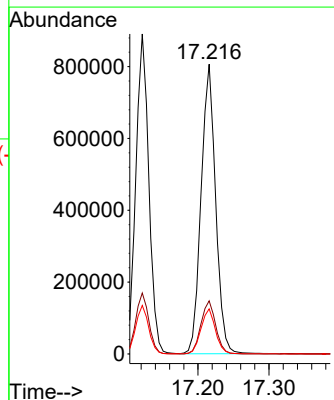
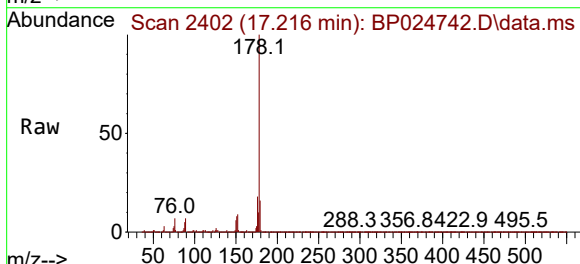
Instrument :
BNA_P
ClientSampleId :
TP-BMS

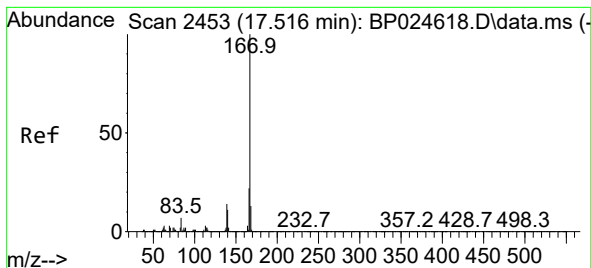
Tgt Ion:178 Resp: 1136758
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.2 12.2 18.4



#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# 24

Delta R.T. -0.012 min

Lab File: BP024742.D

Acq: 21 May 2025 18:14

Instrument :

BNA_P

ClientSampleId :

TP-BMS

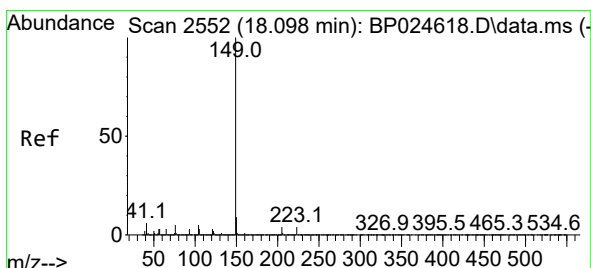
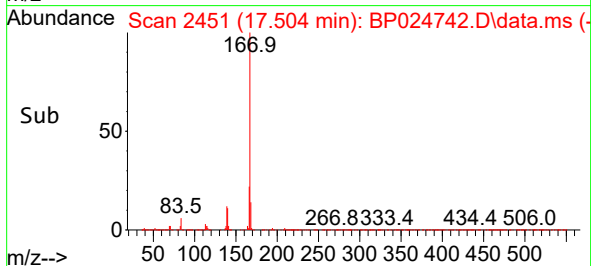
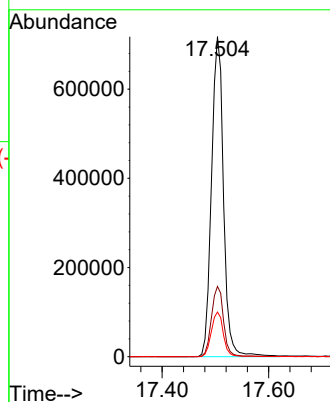
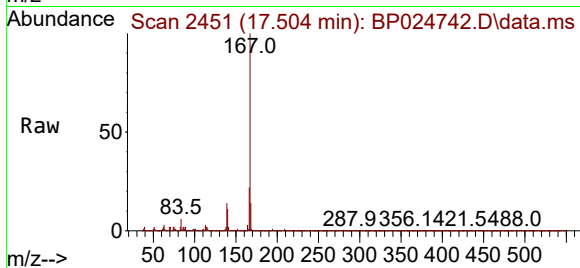
Tgt Ion:167 Resp: 1120452

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

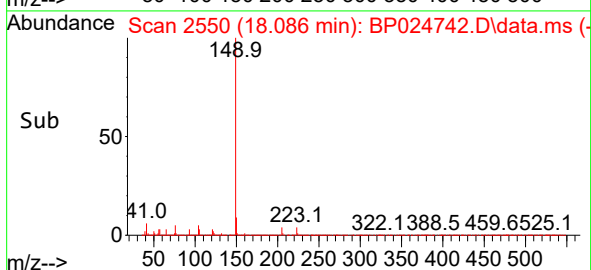
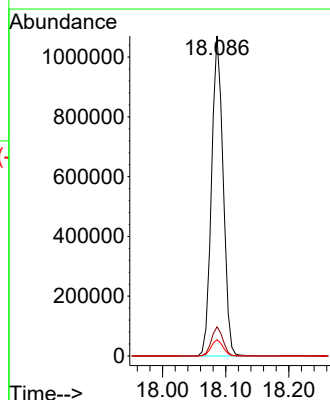
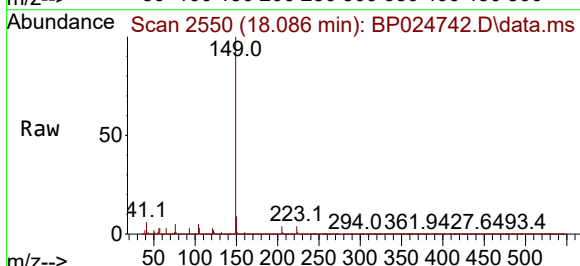
Tgt Ion:149 Resp: 1362187

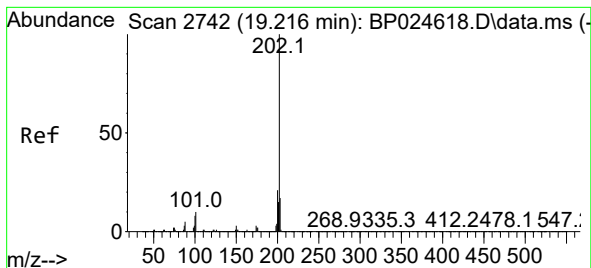
Ion Ratio Lower Upper

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

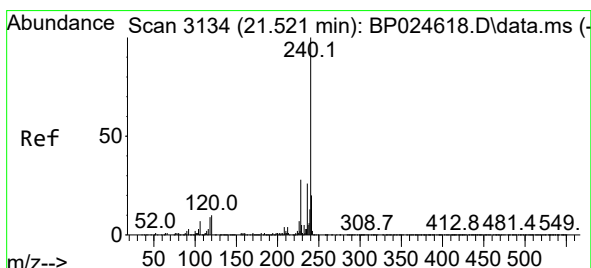
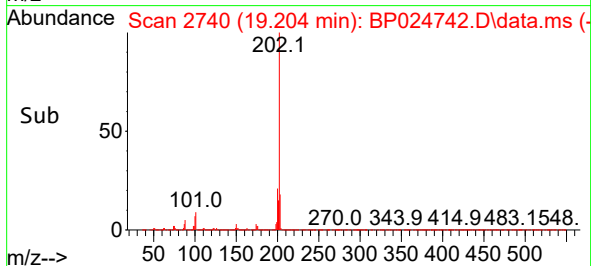
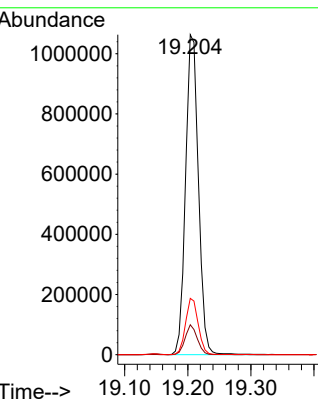
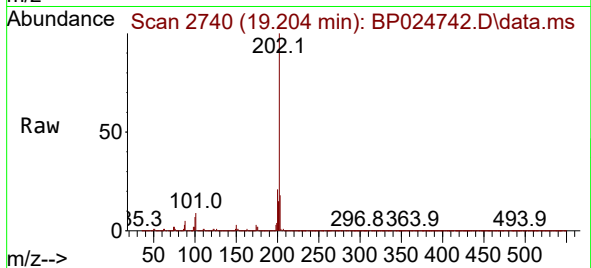
Tgt Ion:202 Resp: 1500935

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

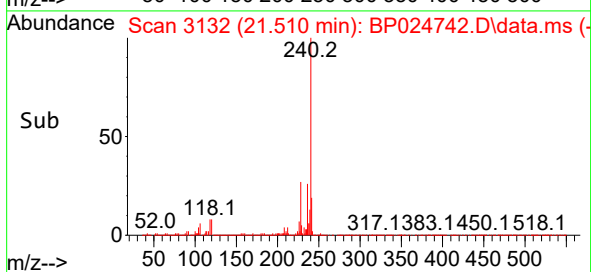
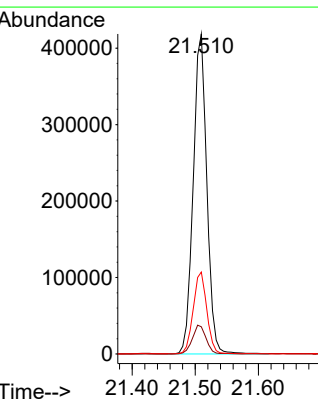
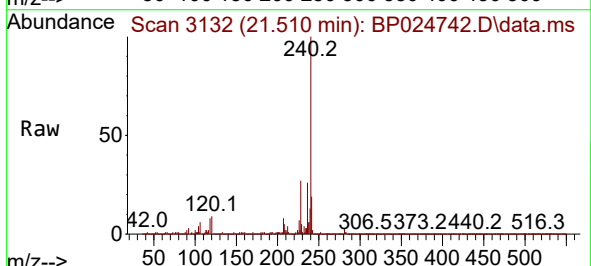
Tgt Ion:240 Resp: 628182

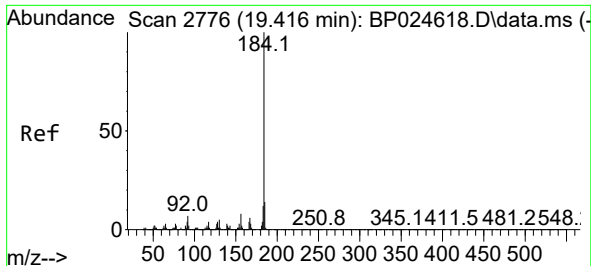
Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

236 25.6 20.6 31.0

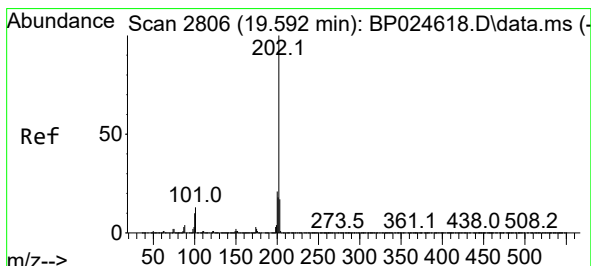
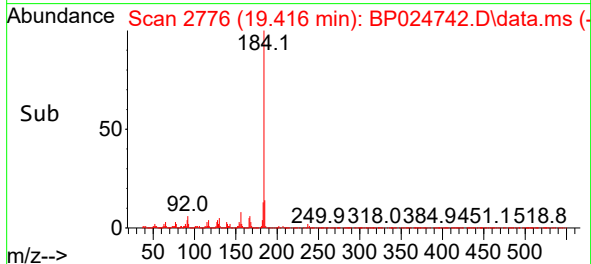
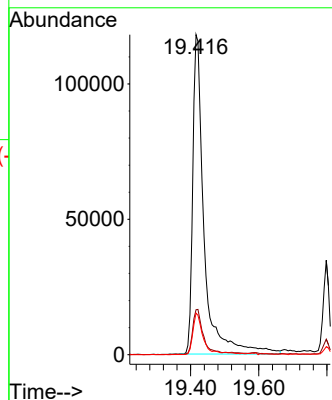
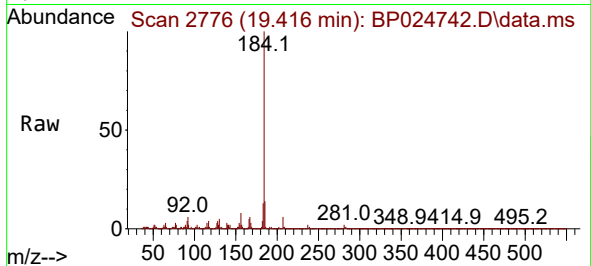




#77
Benzidine
Concen: 16.034 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

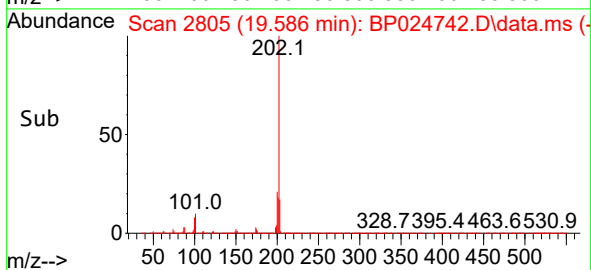
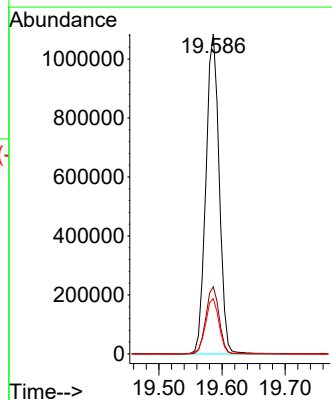
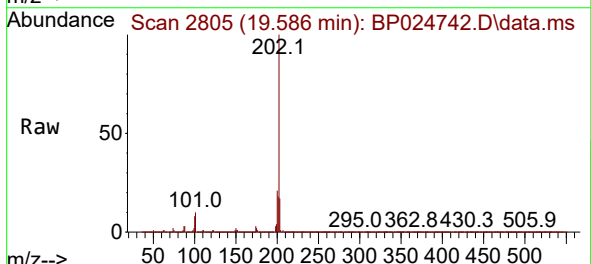
Instrument :
BNA_P
ClientSampleId :
TP-BMS

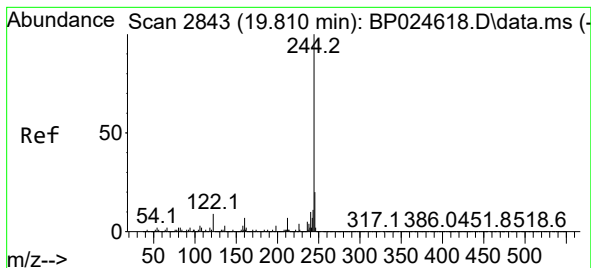
Tgt Ion:184 Resp: 274328
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 13.0 9.8 14.8



#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

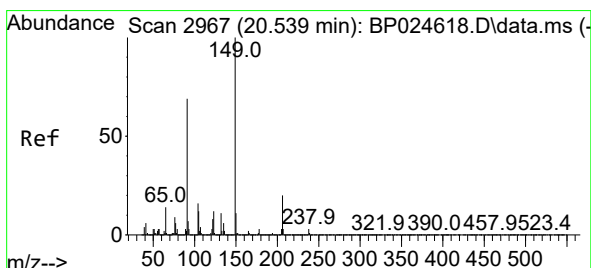
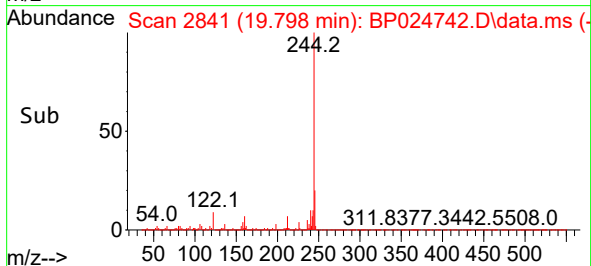
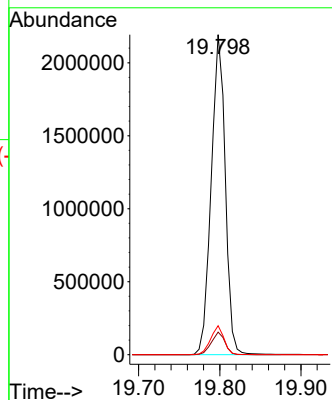
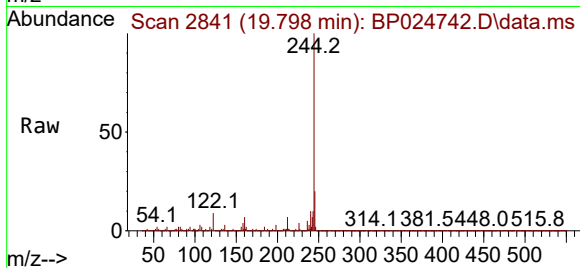
Tgt Ion:244 Resp: 2630349

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

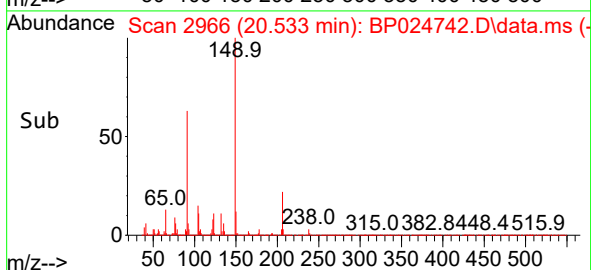
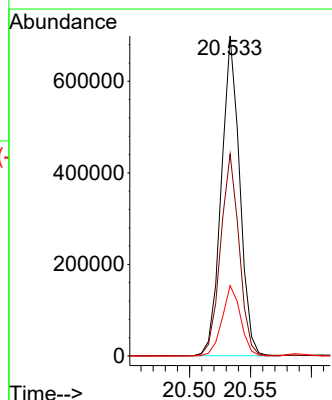
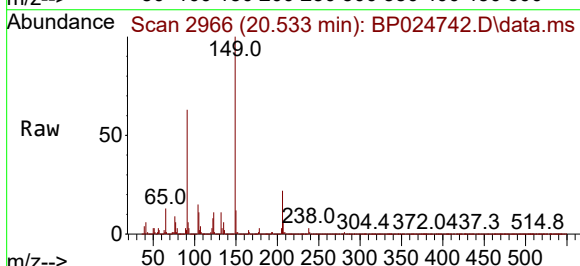
Tgt Ion:149 Resp: 732507

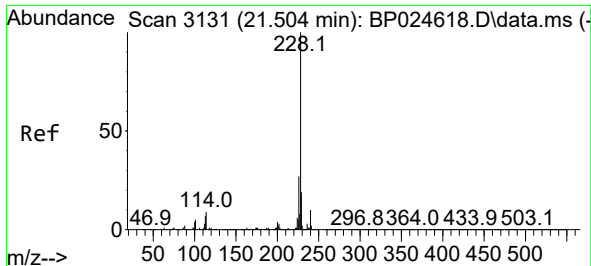
Ion Ratio Lower Upper

149 100

91 63.1 55.4 83.0

206 22.0 16.2 24.2

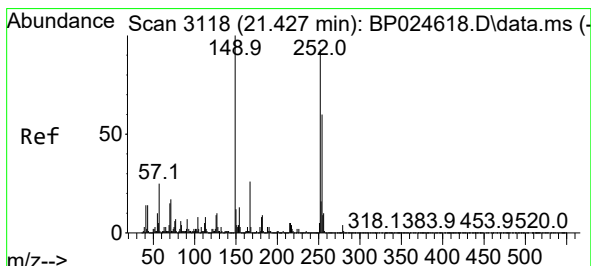
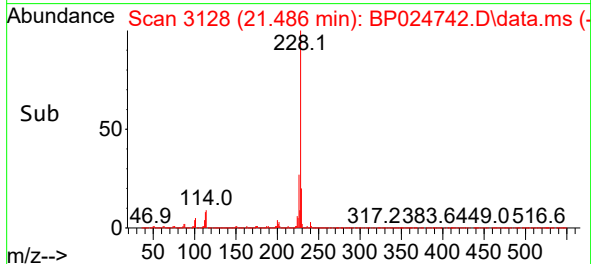
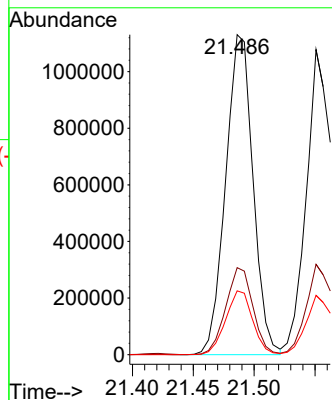
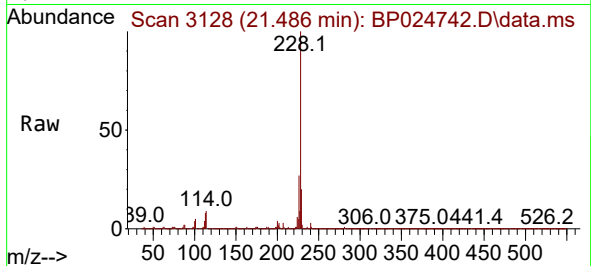




#81
Benzo(a)anthracene
Concen: 44.939 ng
RT: 21.486 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

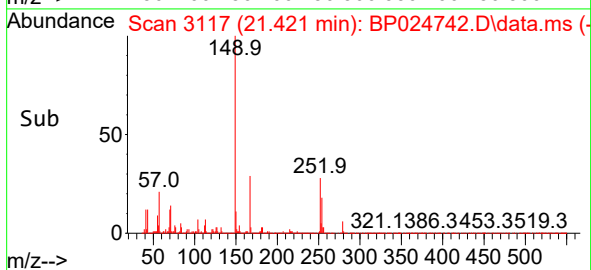
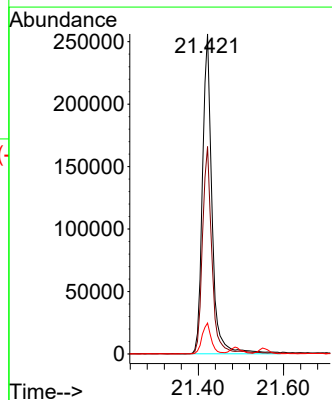
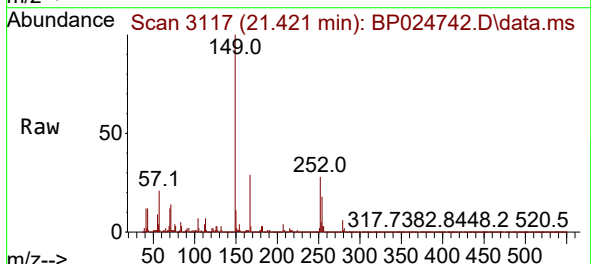
Instrument :
BNA_P
ClientSampleId :
TP-BMS

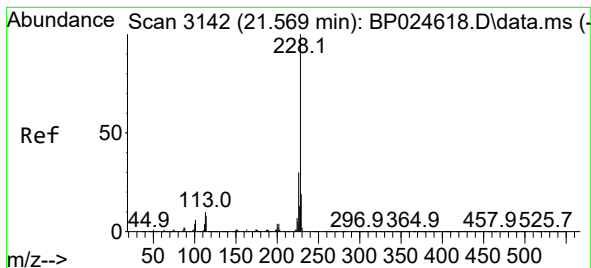
Tgt Ion:228 Resp: 1772601
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 20.0 15.5 23.3



#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

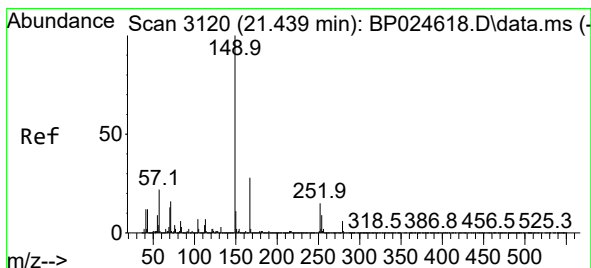
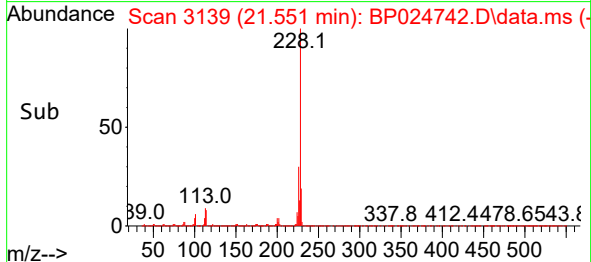
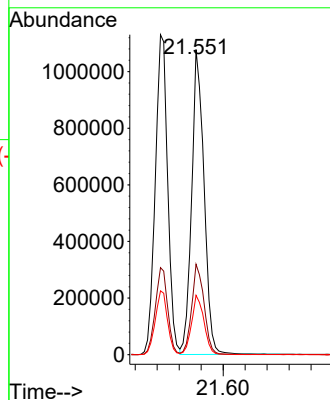
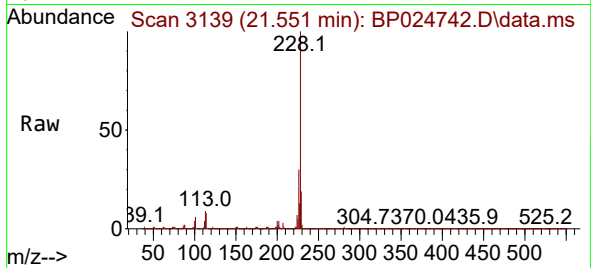
Tgt Ion:228 Resp: 1684692

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

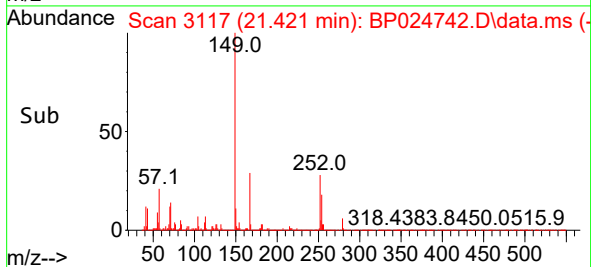
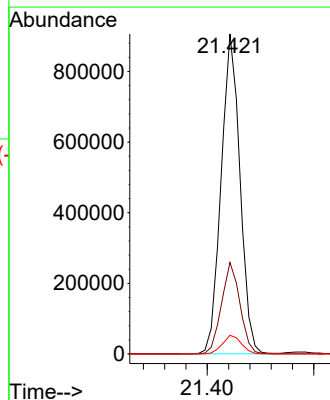
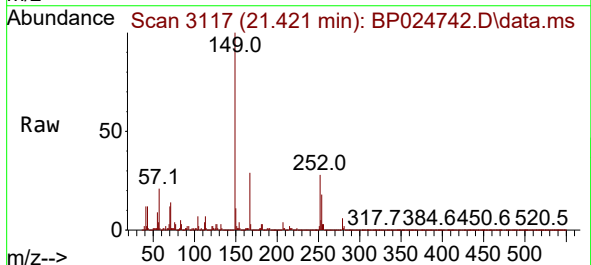
Tgt Ion:149 Resp: 1108580

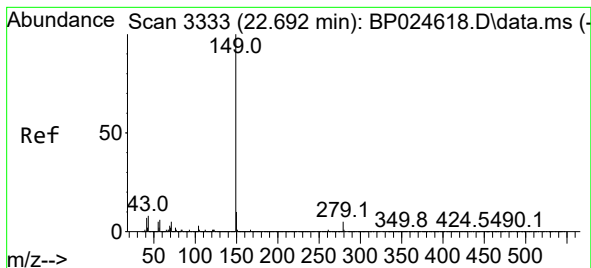
Ion Ratio Lower Upper

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

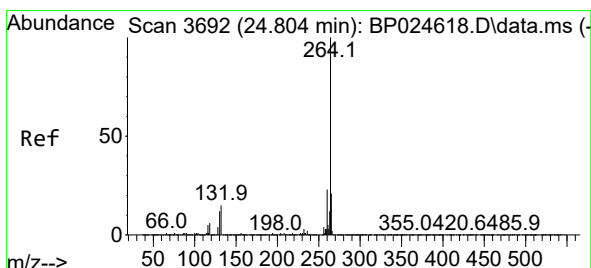
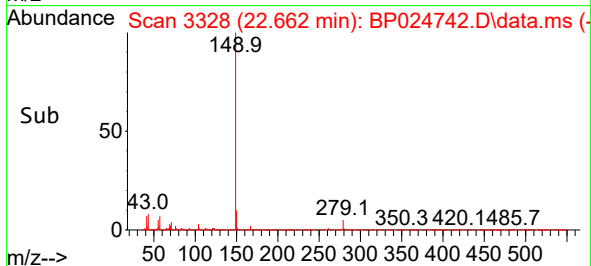
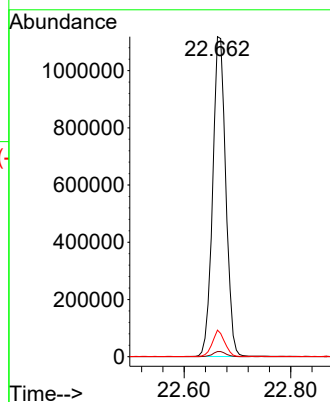
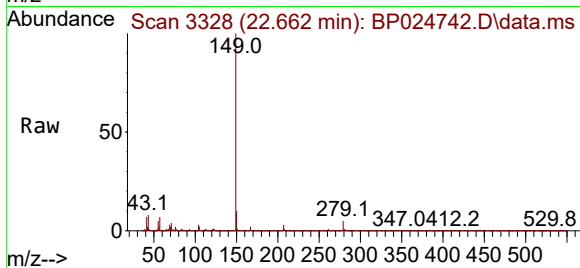
Tgt Ion:149 Resp: 1905632

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

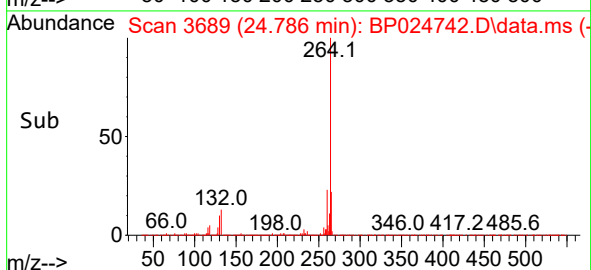
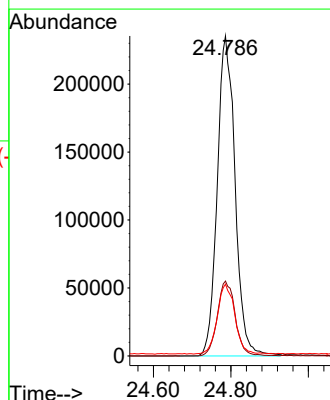
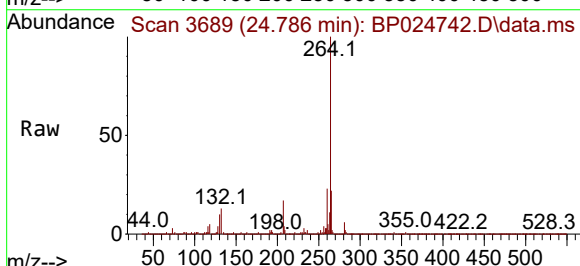
Tgt Ion:264 Resp: 750189

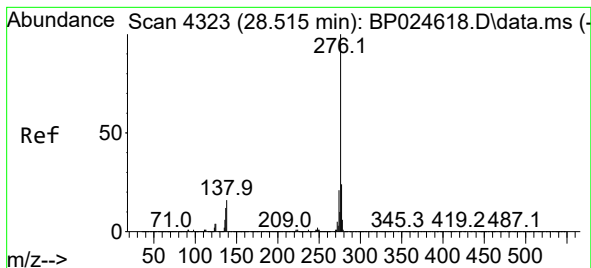
Ion Ratio Lower Upper

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

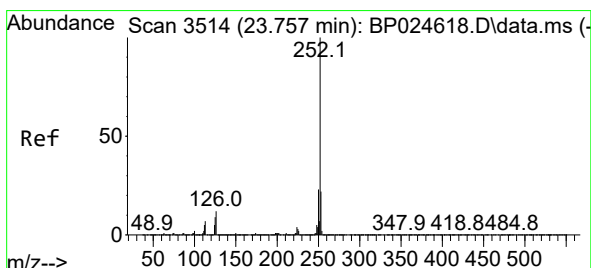
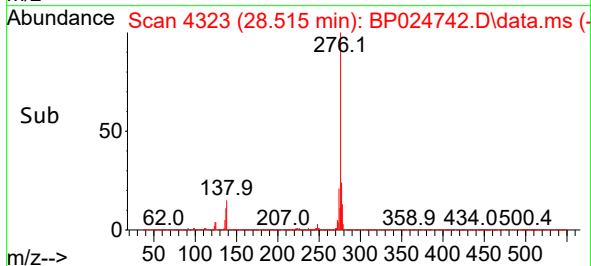
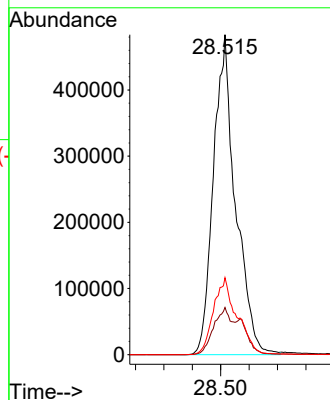
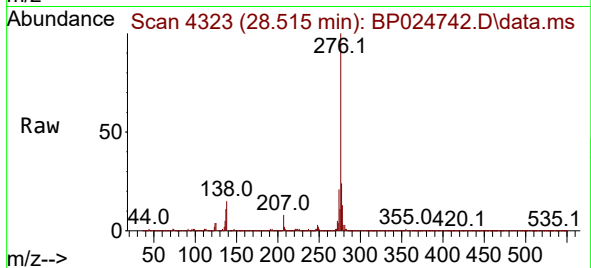
Tgt Ion:276 Resp: 2610645

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

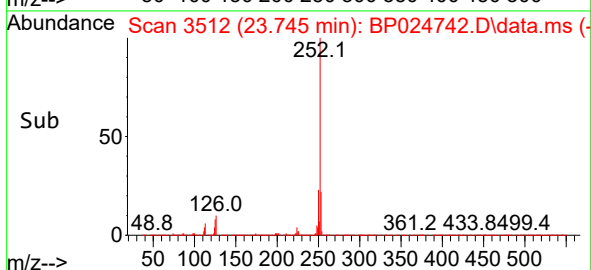
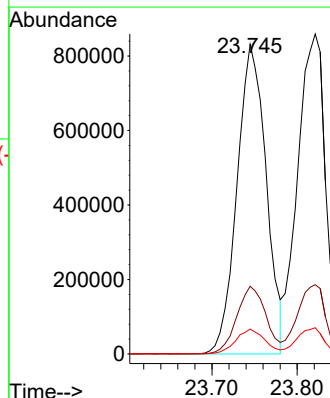
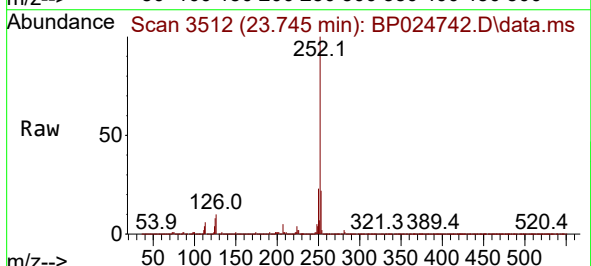
Tgt Ion:252 Resp: 1972294

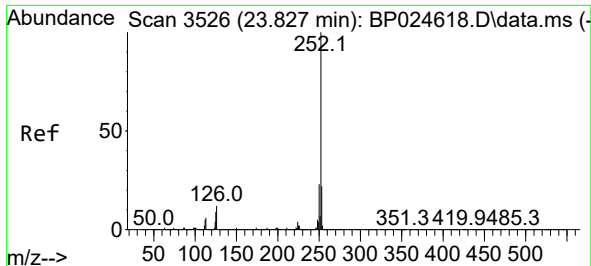
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.1 7.5 11.3

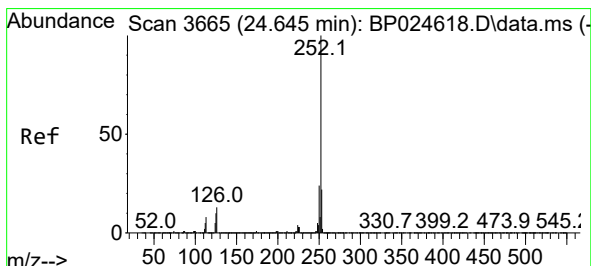
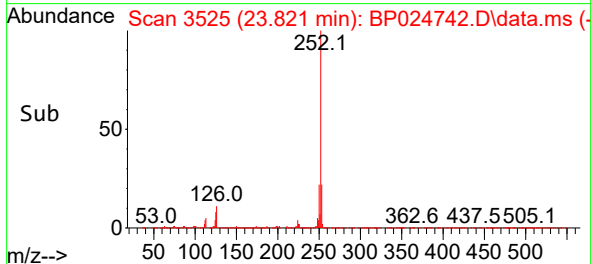
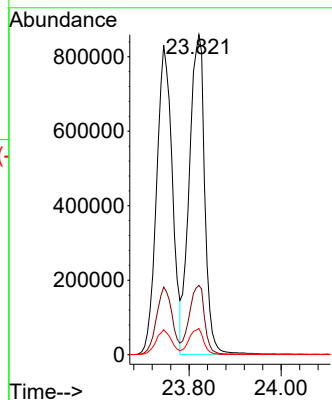
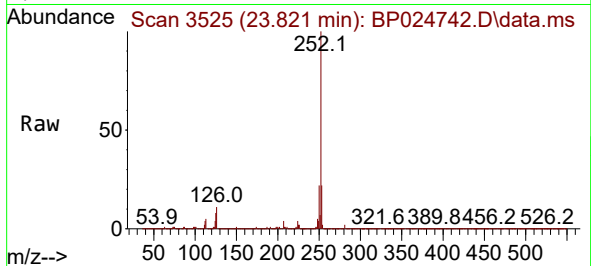




#89
Benzo(k)fluoranthene
Concen: 44.874 ng
RT: 23.821 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

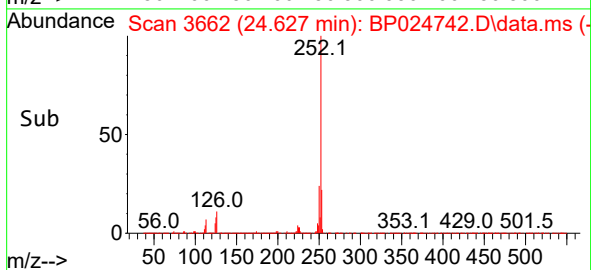
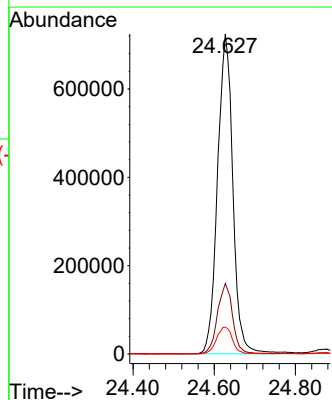
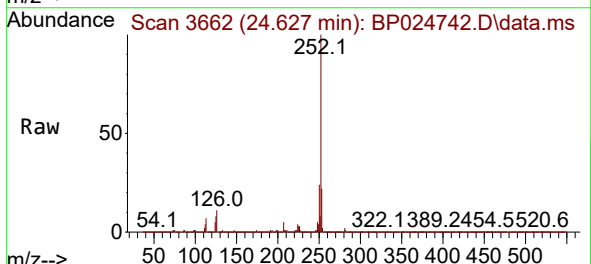
Instrument :
BNA_P
ClientSampleId :
TP-BMS

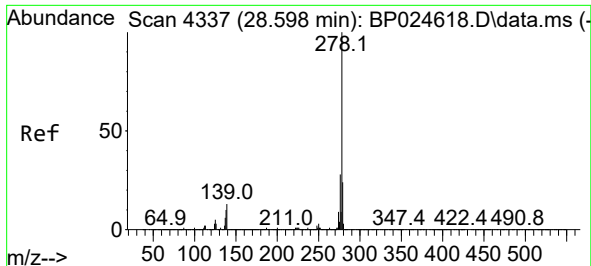
Tgt Ion:252 Resp: 1985503
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.2 7.0 10.4



#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

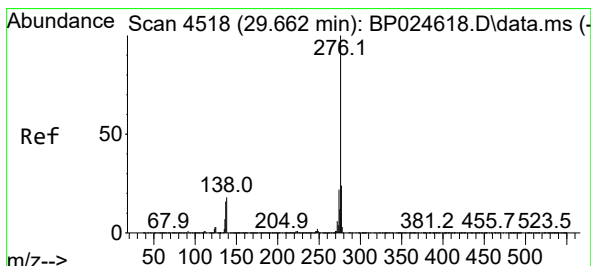
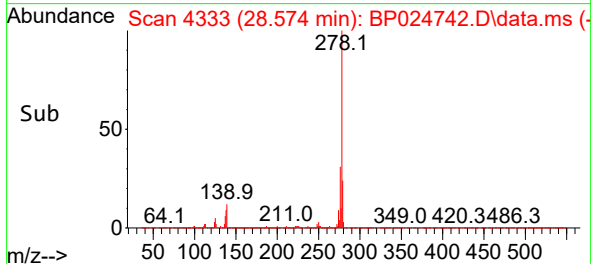
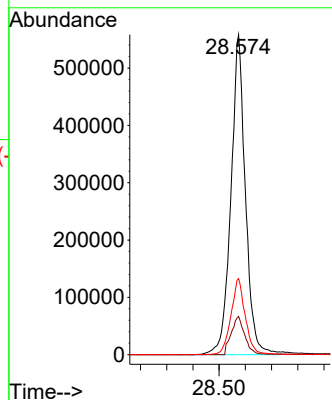
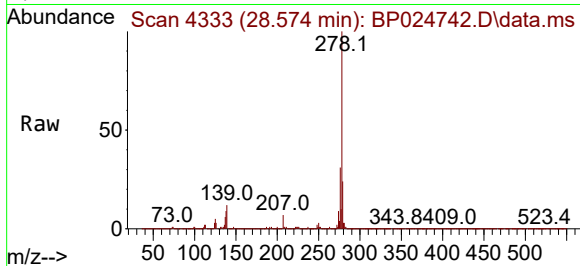




#91
Dibenzo(a,h)anthracene
Concen: 48.071 ng
RT: 28.574 min Scan# 41
Delta R.T. -0.024 min
Lab File: BP024742.D
Acq: 21 May 2025 18:14

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

