

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024743.D
 Acq On : 21 May 2025 18:55
 Operator : RC/JU
 Sample : Q2052-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-BMSD

Quant Time: May 22 03:03:08 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	7.652	152	107891	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	416808	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	277834	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	578541	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	665040	20.000	ng	0.00
86) Perylene-d12	24.780	264	753592	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	780450	123.723	ng	0.00
7) Phenol-d6	6.858	99	878585	109.130	ng	0.00
23) Nitrobenzene-d5	8.805	82	614381	74.477	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	753677	160.013	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1555986	73.372	ng	-0.01
79) Terphenyl-d14	19.810	244	3284120	84.676	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	106286	35.882	ng	# 62
3) Pyridine	3.634	79	233039	35.481	ng	97
4) n-Nitrosodimethylamine	3.540	42	122727	42.325	ng	91
6) Aniline	6.999	93	212066	20.402	ng	99
8) 2-Chlorophenol	7.234	128	340757	47.585	ng	98
9) Benzaldehyde	6.816	77	139211	26.712	ng	97
10) Phenol	6.887	94	325721	39.199	ng	98
11) bis(2-Chloroethyl)ether	7.087	93	273520	40.059	ng	98
12) 1,3-Dichlorobenzene	7.540	146	324854	39.430	ng	99
13) 1,4-Dichlorobenzene	7.687	146	332799	40.163	ng	99
14) 1,2-Dichlorobenzene	7.999	146	322828	39.982	ng	99
15) Benzyl Alcohol	7.905	79	288559	47.166	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	300480	36.747	ng	98
17) 2-Methylphenol	8.116	107	260764	43.754	ng	97
18) Hexachloroethane	8.716	117	117674	37.058	ng	97
19) n-Nitroso-di-n-propyla...	8.452	70	208643	37.465	ng	94
20) 3+4-Methylphenols	8.440	107	347195	42.827	ng	98
22) Acetophenone	8.469	105	470213	45.162	ng	# 98
24) Nitrobenzene	8.846	77	338360	46.609	ng	93
25) Isophorone	9.363	82	615123	42.987	ng	97
26) 2-Nitrophenol	9.552	139	182463	51.293	ng	95
27) 2,4-Dimethylphenol	9.622	122	312967	49.901	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	366804	42.906	ng	98
29) 2,4-Dichlorophenol	10.099	162	324036	53.315	ng	97
30) 1,2,4-Trichlorobenzene	10.287	180	319839	46.699	ng	97
31) Naphthalene	10.469	128	982912	45.506	ng	99
32) Benzoic acid	9.787	122	123939	31.438	ng	94
33) 4-Chloroaniline	10.599	127	104421	11.980	ng	97
34) Hexachlorobutadiene	10.752	225	210478	47.439	ng	95
35) Caprolactam	11.399	113	89444	40.676	ng	97
36) 4-Chloro-3-methylphenol	11.740	107	372392	50.243	ng	98
37) 2-Methylnaphthalene	12.087	142	643136	45.985	ng	98
38) 1-Methylnaphthalene	12.310	142	695468	46.475	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	388937	48.208	ng	99
41) Hexachlorocyclopentadiene	12.434	237	467997	95.663	ng	96
43) 2,4,6-Trichlorophenol	12.710	196	277249	53.055	ng	99

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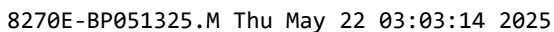
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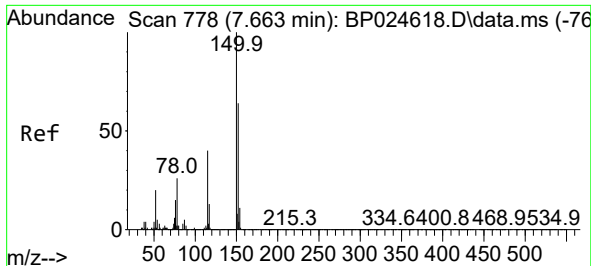
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	305923	52.592	ng	97
46) 1,1'-Biphenyl	13.104	154	973088	47.387	ng	99
47) 2-Chloronaphthalene	13.146	162	738807	47.186	ng	100
48) 2-Nitroaniline	13.369	65	200663	43.288	ng	93
49) Acenaphthylene	14.004	152	1257136	47.978	ng	99
50) Dimethylphthalate	13.746	163	1038334	49.032	ng	100
51) 2,6-Dinitrotoluene	13.863	165	227381	50.841	ng	99
52) Acenaphthene	14.351	154	736802	48.914	ng	100
53) 3-Nitroaniline	14.204	138	109507	23.980	ng	94
54) 2,4-Dinitrophenol	14.428	184	130675	49.029	ng	97
55) Dibenzofuran	14.687	168	1171047	48.739	ng	99
56) 4-Nitrophenol	14.563	139	329634	83.198	ng	97
57) 2,4-Dinitrotoluene	14.669	165	340682	54.032	ng	99
58) Fluorene	15.351	166	987782	50.419	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	293036	54.306	ng	97
60) Diethylphthalate	15.128	149	1087030	50.788	ng	98
61) 4-Chlorophenyl-phenyle...	15.345	204	498490	51.021	ng	99
62) 4-Nitroaniline	15.387	138	180175	40.861	ng	97
63) Azobenzene	15.645	77	843471	46.066	ng	95
65) 4,6-Dinitro-2-methylph...	15.451	198	130601	34.948	ng	97
66) n-Nitrosodiphenylamine	15.569	169	870549	48.988	ng	98
67) 4-Bromophenyl-phenylether	16.257	248	345211	50.638	ng	98
68) Hexachlorobenzene	16.375	284	440584	50.861	ng	98
69) Atrazine	16.557	200	339678	52.159	ng	99
70) Pentachlorophenol	16.740	266	537629	110.562	ng	99
71) Phenanthrene	17.134	178	1568514	48.769	ng	100
72) Anthracene	17.228	178	1584418	48.965	ng	100
73) Carbazole	17.516	167	1472840	50.289	ng	100
74) Di-n-butylphthalate	18.092	149	1888032	50.125	ng	99
75) Fluoranthene	19.216	202	1900395	50.549	ng	99
77) Benzidine	19.428	184	269423	14.875	ng	99
78) Pyrene	19.592	202	1961291	49.220	ng	100
80) Butylbenzylphthalate	20.539	149	893086	50.394	ng	96
81) Benzo(a)anthracene	21.498	228	2061105	49.357	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	404516	26.081	ng	99
83) Chrysene	21.563	228	1905852	48.145	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1279828	49.133	ng	99
85) Di-n-octyl phthalate	22.680	149	2157546	50.652	ng	99
87) Indeno(1,2,3-cd)pyrene	28.504	276	2863218	52.043	ng	# 90
88) Benzo(b)fluoranthene	23.757	252	2226192	51.611	ng	99
89) Benzo(k)fluoranthene	23.821	252	2189129	49.252	ng	99
90) Benzo(a)pyrene	24.633	252	2084687	50.322	ng	99
91) Dibenzo(a,h)anthracene	28.574	278	2350545	52.517	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2301511	51.709	ng	97

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

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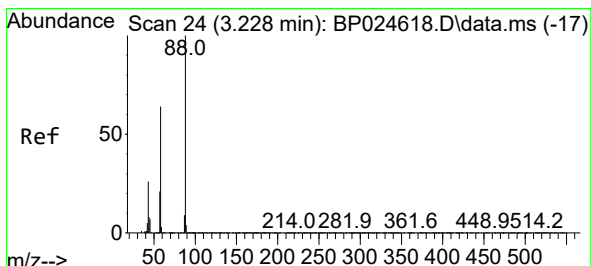
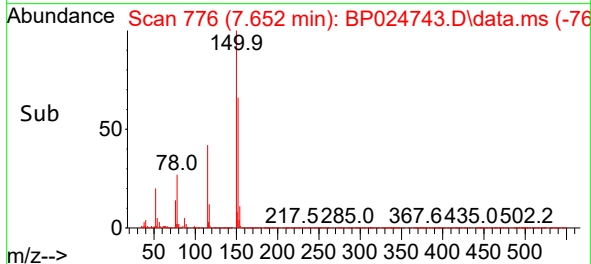
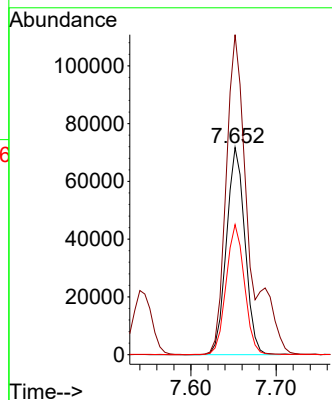
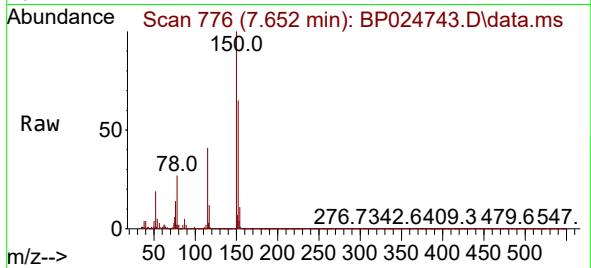




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024743.D
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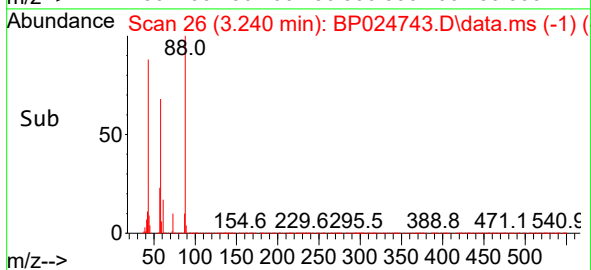
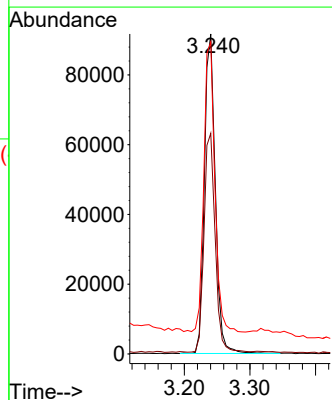
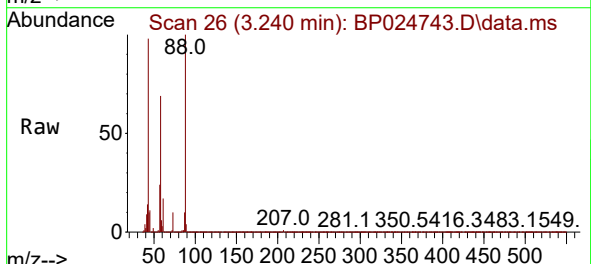
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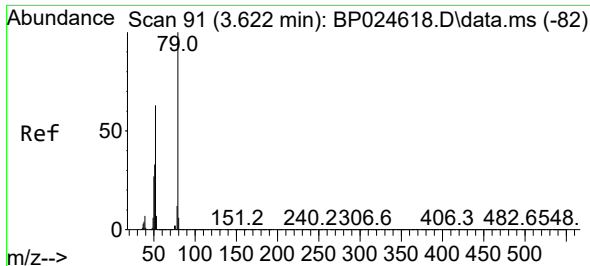
Tgt Ion:152 Resp: 107891
Ion Ratio Lower Upper
152 100
150 154.4 125.9 188.9
115 62.7 50.1 75.1



#2
1,4-Dioxane
Concen: 35.882 ng
RT: 3.240 min Scan# 26
Delta R.T. 0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 88 Resp: 106286
Ion Ratio Lower Upper
88 100
58 69.6 54.0 81.0
43 91.5 21.4 32.0#

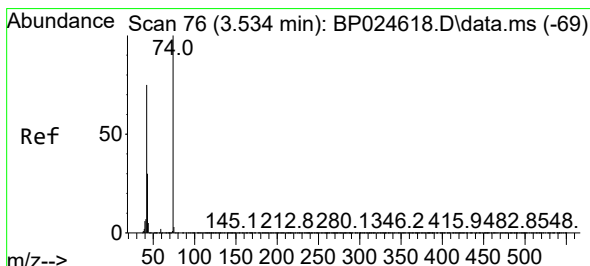
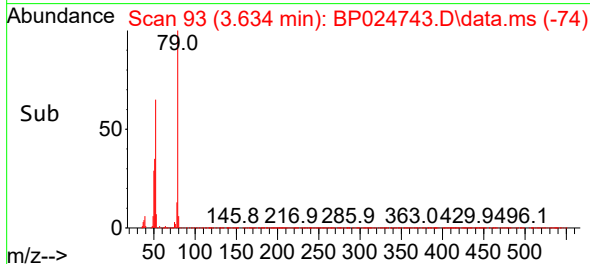
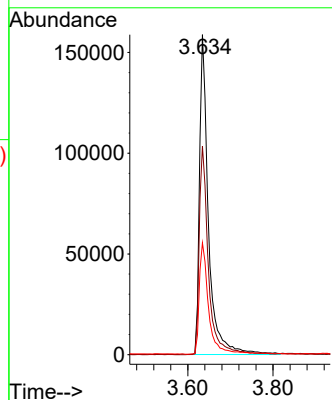
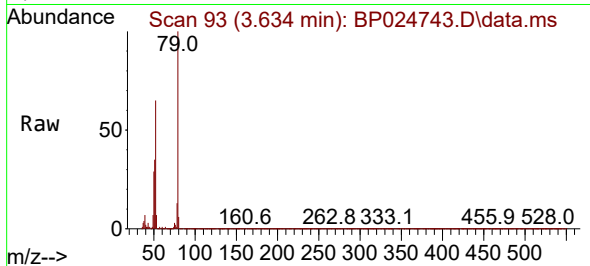




#3
 Pyridine
 Concen: 35.481 ng
 RT: 3.634 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: BP024743.D
 Acq: 21 May 2025 18:55

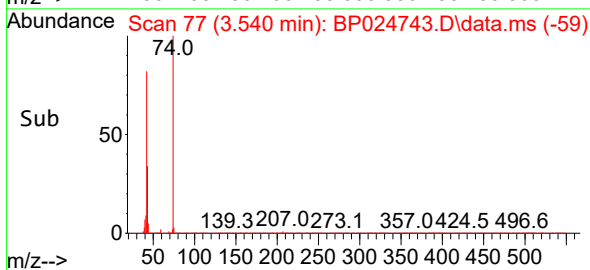
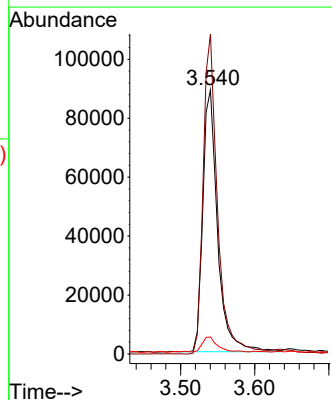
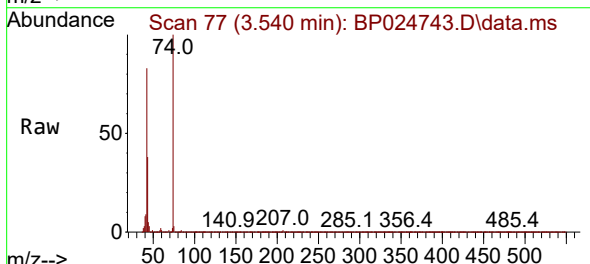
Instrument :
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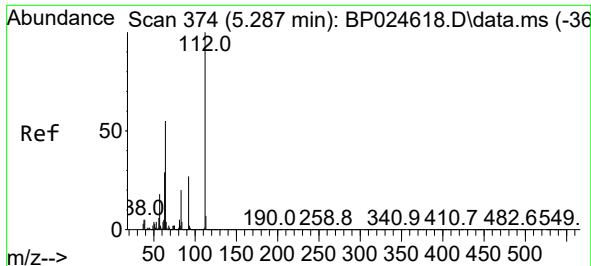
Tgt Ion: 79 Resp: 233039
 Ion Ratio Lower Upper
 79 100
 52 65.2 50.2 75.2
 51 34.9 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 42.325 ng
 RT: 3.540 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: BP024743.D
 Acq: 21 May 2025 18:55

Tgt Ion: 42 Resp: 122727
 Ion Ratio Lower Upper
 42 100
 74 121.2 106.2 159.2
 44 6.4 5.4 8.2

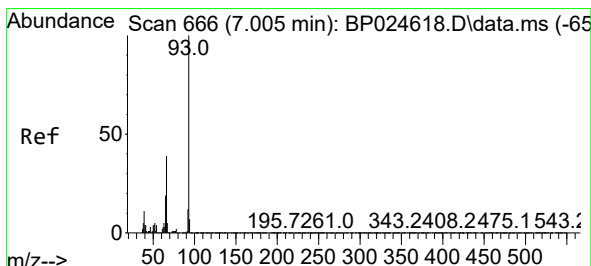
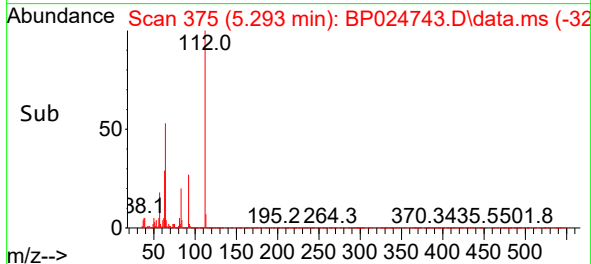
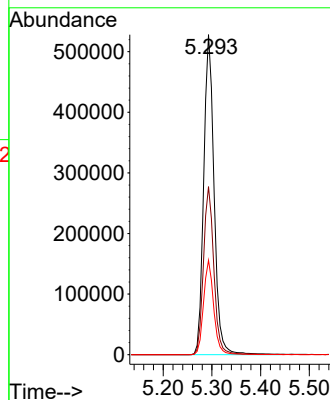
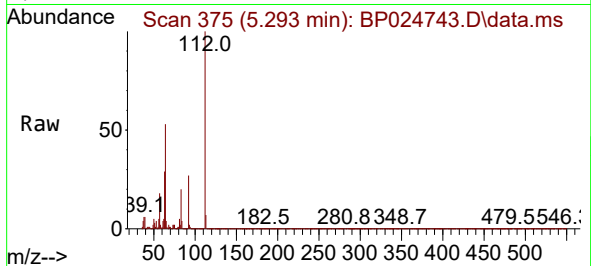




#5
2-Fluorophenol
Concen: 123.723 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

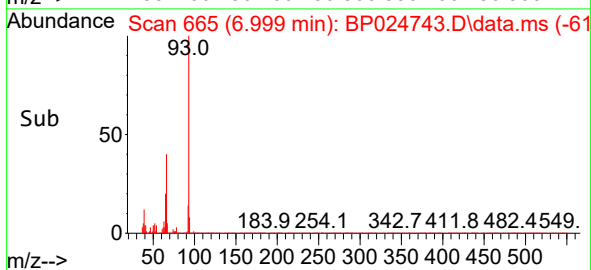
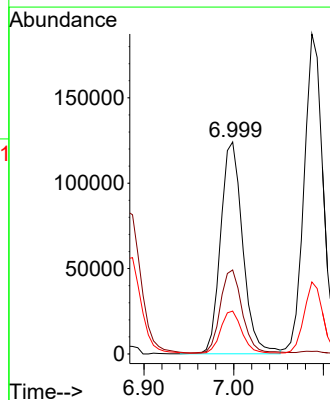
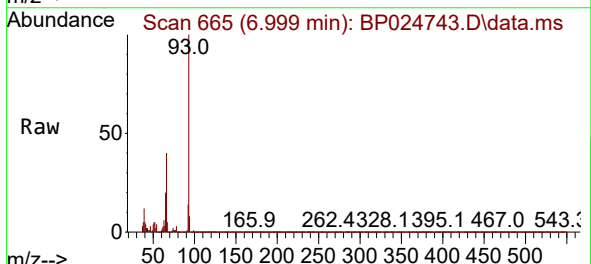
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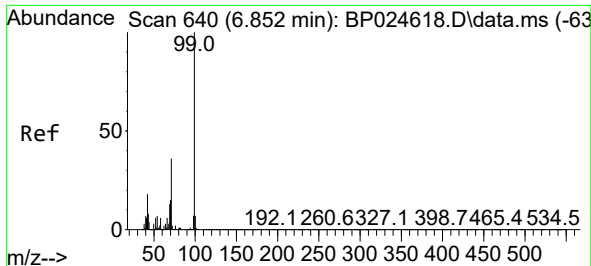
Tgt Ion:112 Resp: 780450
Ion Ratio Lower Upper
112 100
64 52.5 44.1 66.1
63 29.5 23.5 35.3



#6
Aniline
Concen: 20.402 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 93 Resp: 212066
Ion Ratio Lower Upper
93 100
66 39.6 31.0 46.6
65 20.2 15.5 23.3

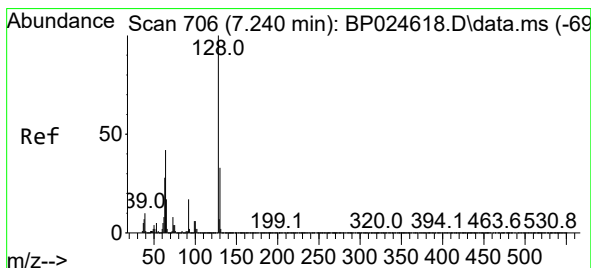
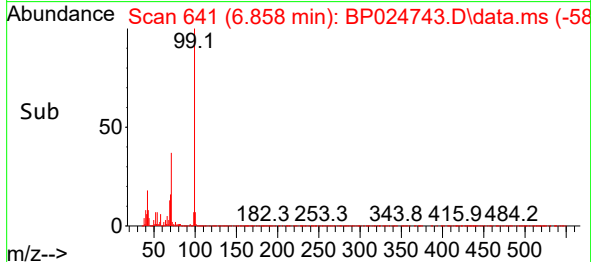
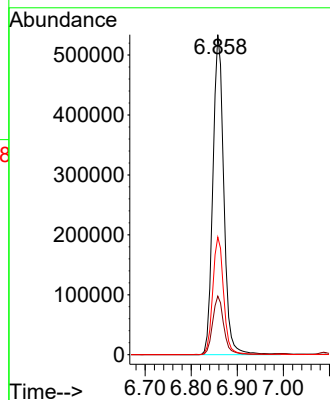
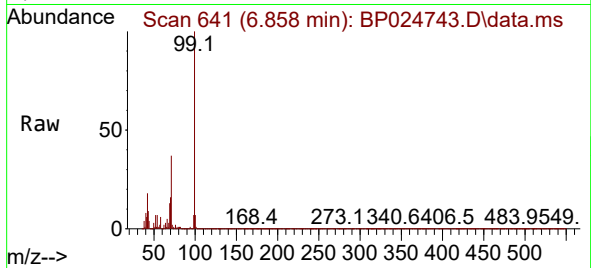




#7
Phenol-d6
Concen: 109.130 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

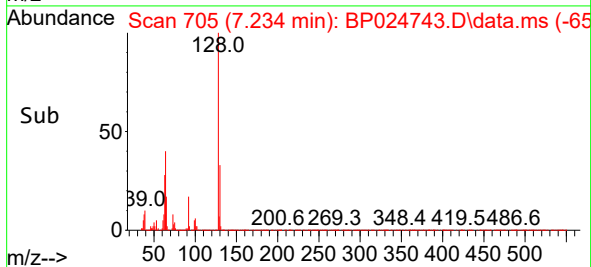
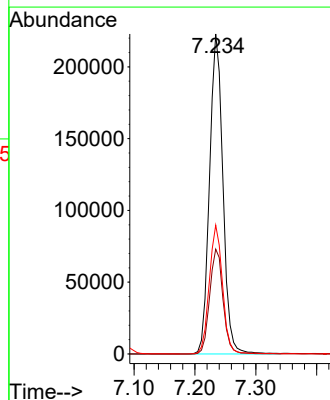
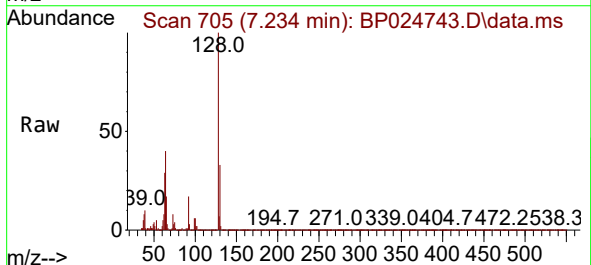
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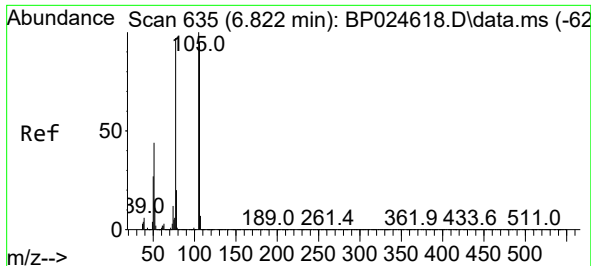
Tgt Ion: 99 Resp: 878585
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 36.7 29.2 43.8



#8
2-Chlorophenol
Concen: 47.585 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 128 Resp: 340757
Ion Ratio Lower Upper
128 100
130 32.8 13.0 53.0
64 40.2 22.3 62.3

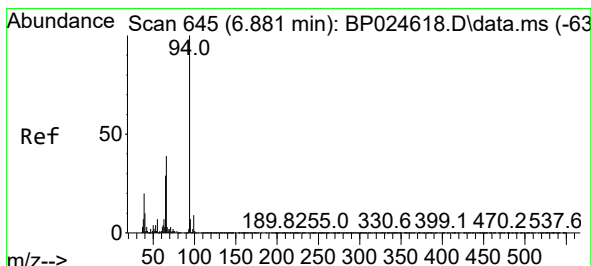
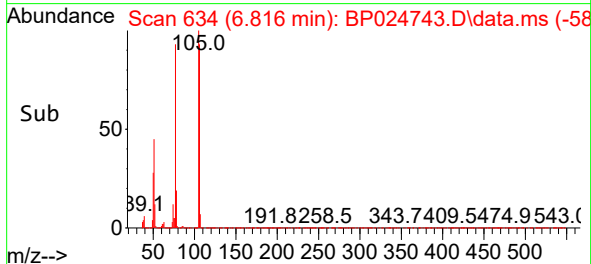
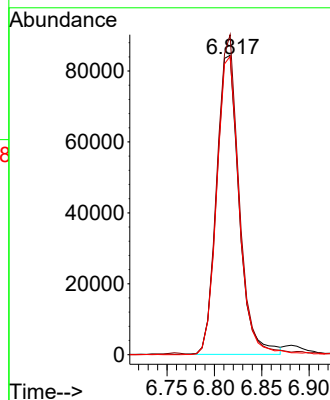
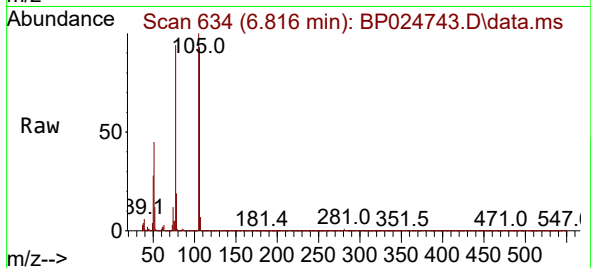




#9
Benzaldehyde
Concen: 26.712 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024743.D
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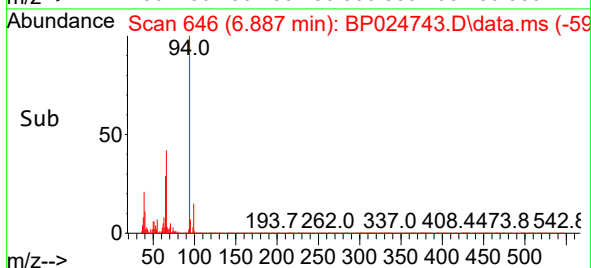
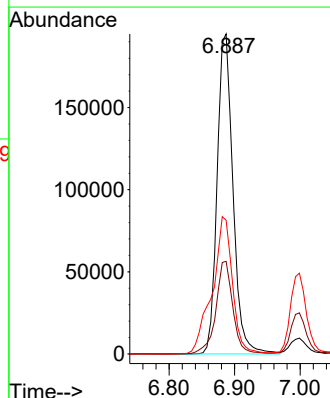
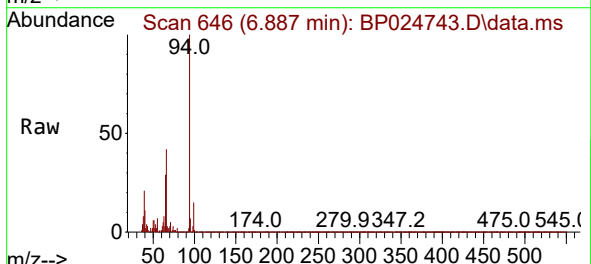
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ClientSampleId :
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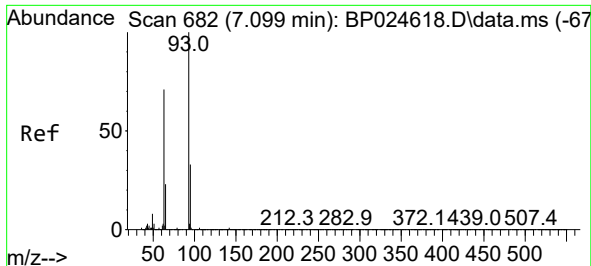
Tgt Ion: 77 Resp: 139211
Ion Ratio Lower Upper
77 100
105 106.9 83.3 123.3
106 99.7 78.0 118.0



#10
Phenol
Concen: 39.199 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 94 Resp: 325721
Ion Ratio Lower Upper
94 100
65 28.9 8.7 48.7
66 41.8 19.4 59.4

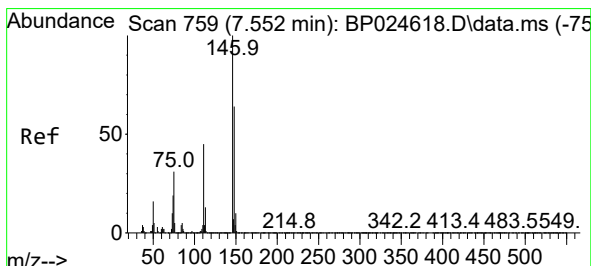
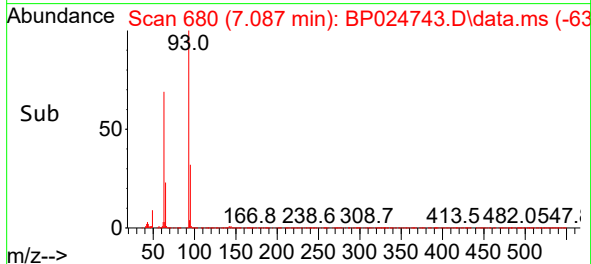
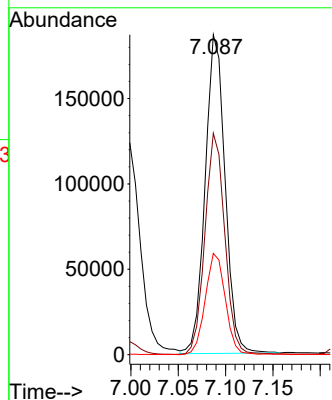
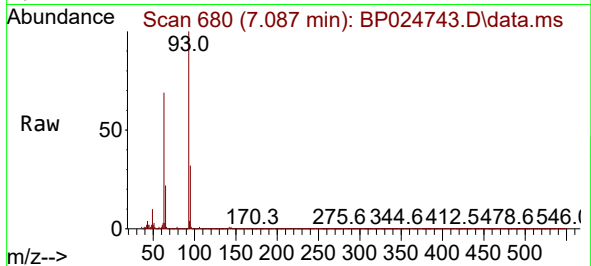




#11
bis(2-Chloroethyl)ether
Concen: 40.059 ng
RT: 7.087 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

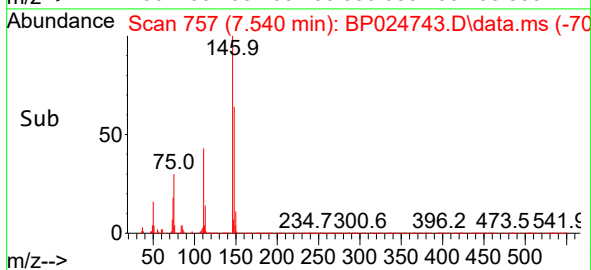
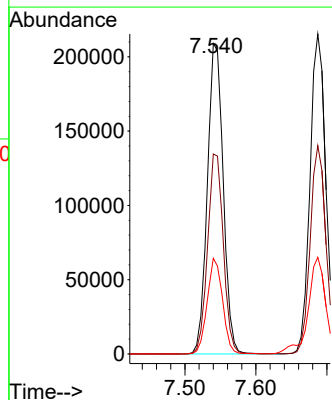
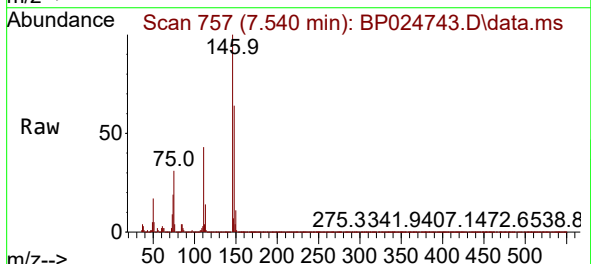
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

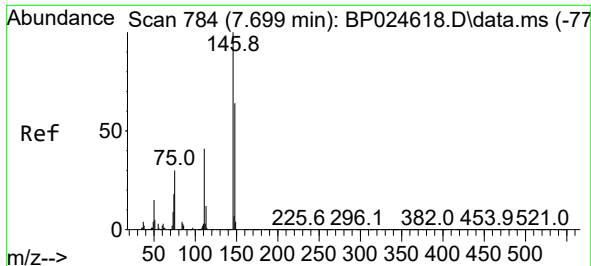
Tgt Ion: 93 Resp: 273520
Ion Ratio Lower Upper
93 100
63 69.2 50.6 90.6
95 31.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.430 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 146 Resp: 324854
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 30.8 25.2 37.8

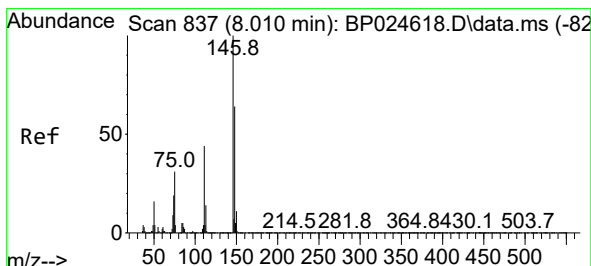
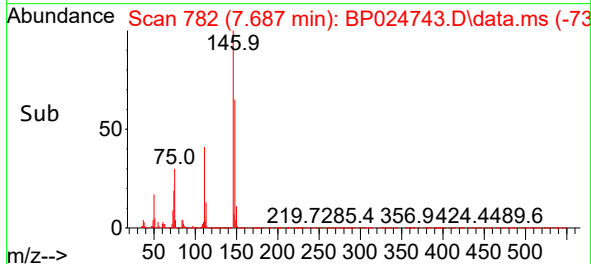
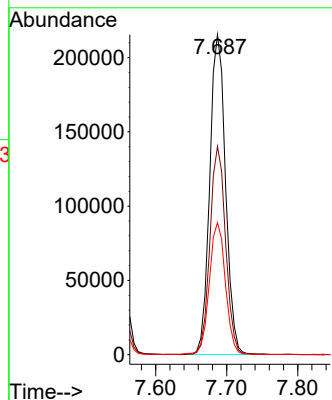
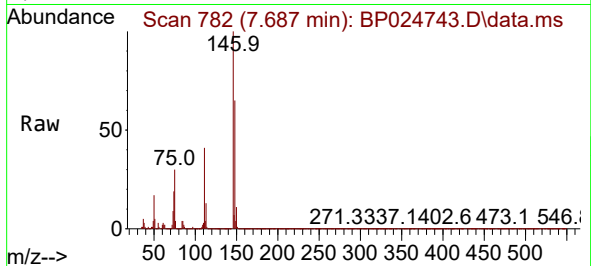




#13
1,4-Dichlorobenzene
Concen: 40.163 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

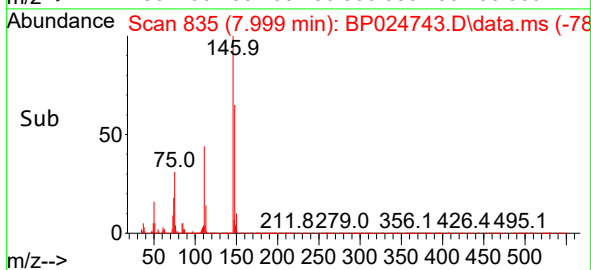
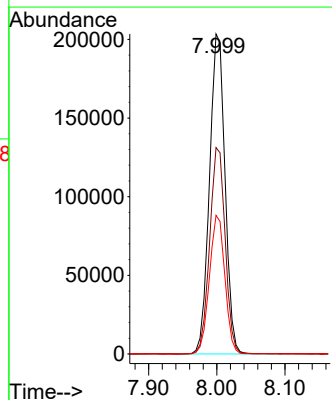
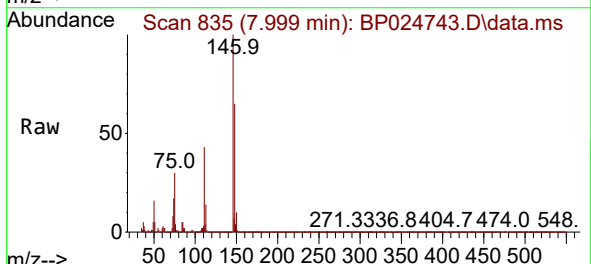
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

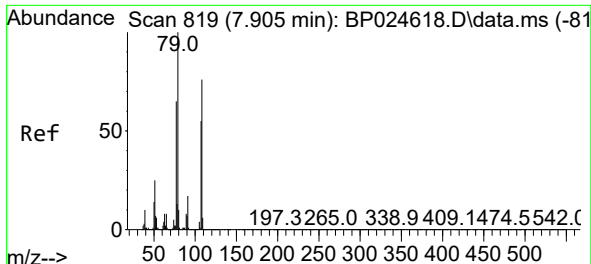
Tgt Ion:146 Resp: 332799
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.6
111 41.3 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 39.982 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:146 Resp: 322828
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
111 43.3 35.2 52.8

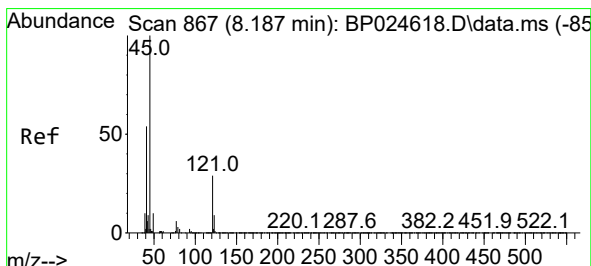
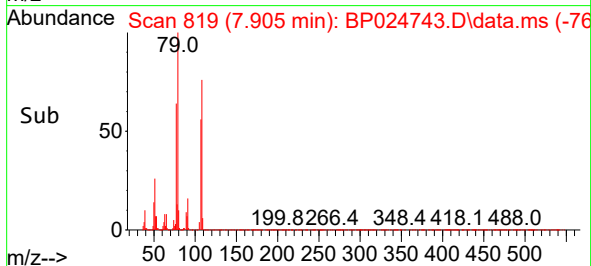
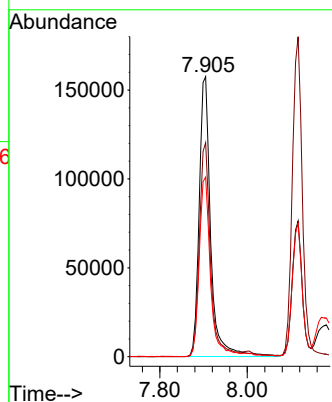
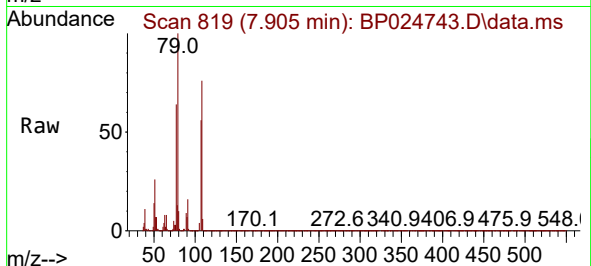




#15
Benzyl Alcohol
Concen: 47.166 ng
RT: 7.905 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

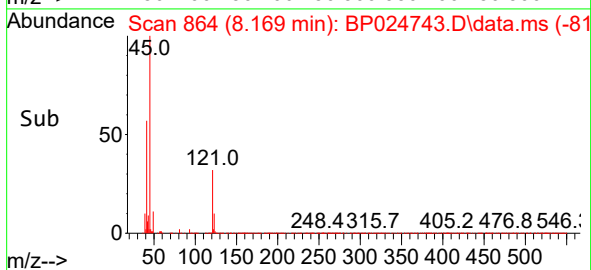
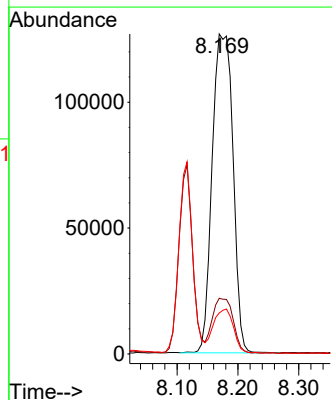
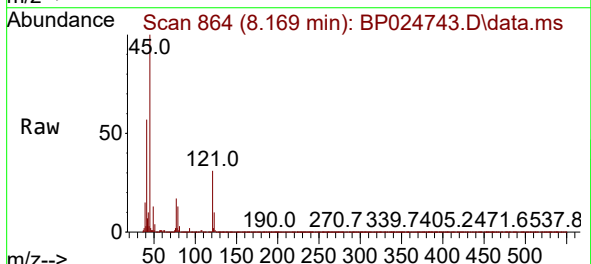
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

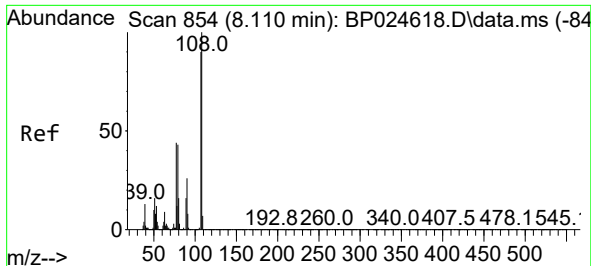
Tgt Ion: 79 Resp: 288559
Ion Ratio Lower Upper
79 100
108 76.4 60.8 91.2
77 64.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.747 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 45 Resp: 300480
Ion Ratio Lower Upper
45 100
77 17.4 0.0 37.7
79 12.8 0.0 34.0





#17

2-Methylphenol

Concen: 43.754 ng

RT: 8.116 min Scan# 8

Delta R.T. 0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

Tgt Ion:107 Resp: 260764

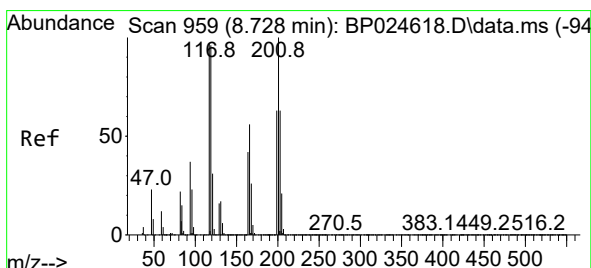
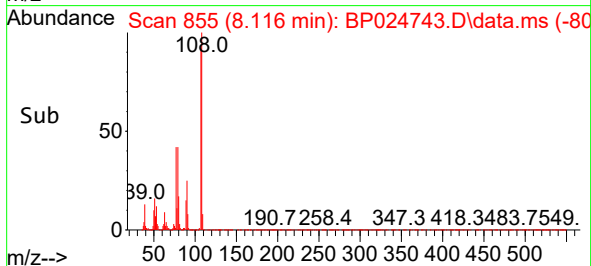
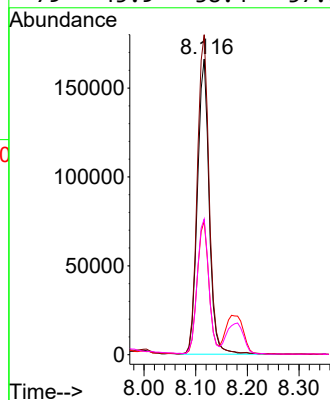
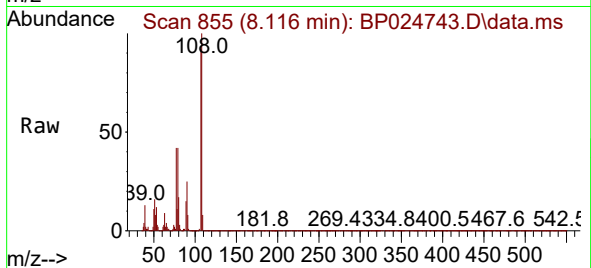
Ion Ratio Lower Upper

107 100

108 108.2 88.9 133.3

77 45.2 39.0 58.6

79 45.9 38.4 57.6



#18

Hexachloroethane

Concen: 37.058 ng

RT: 8.716 min Scan# 957

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

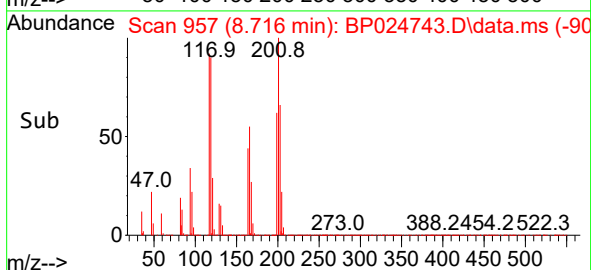
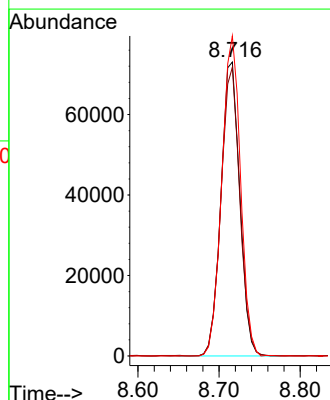
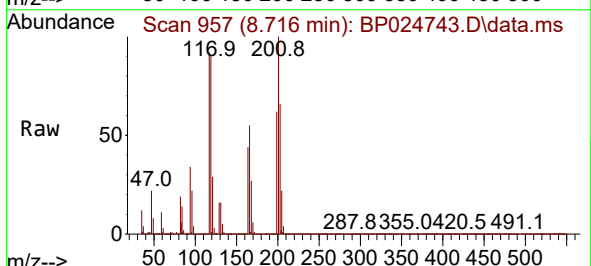
Tgt Ion:117 Resp: 117674

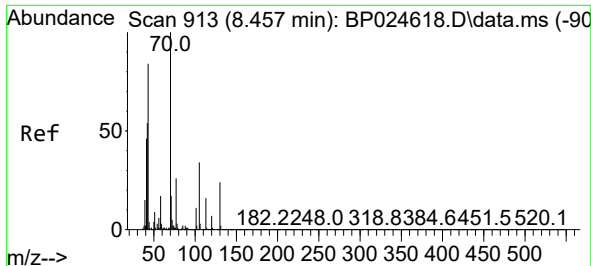
Ion Ratio Lower Upper

117 100

119 98.2 79.4 119.0

201 108.9 82.7 124.1

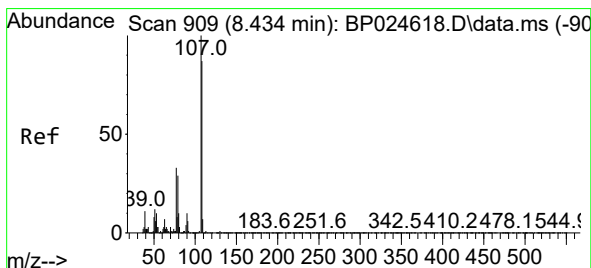
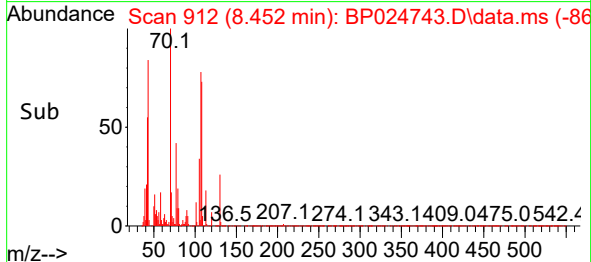
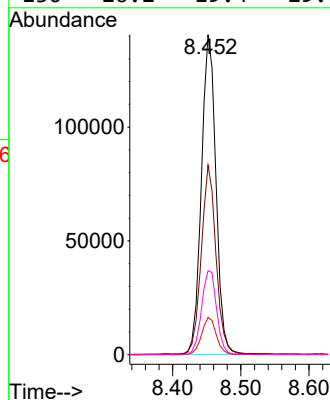
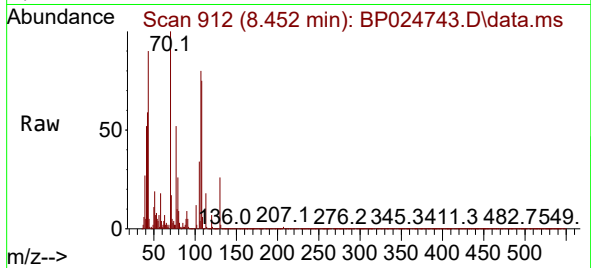




#19
n-Nitroso-di-n-propylamine
Concen: 37.465 ng
RT: 8.452 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

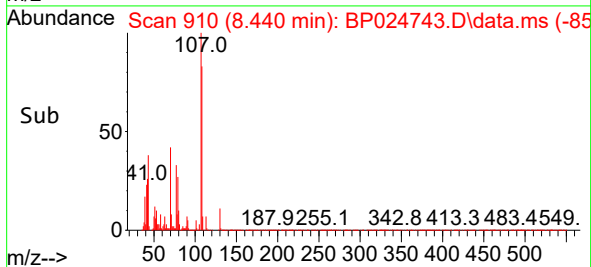
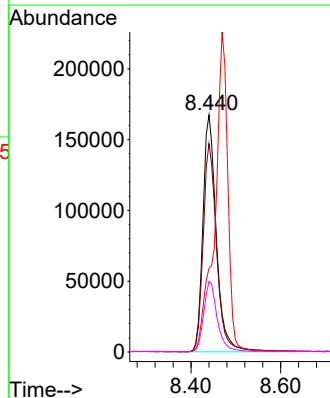
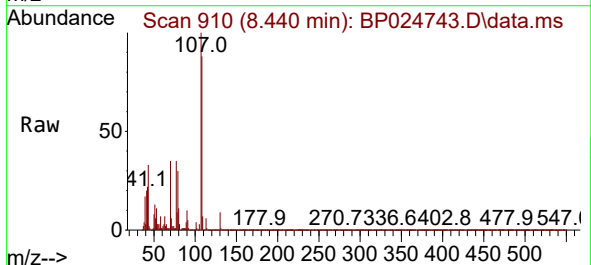
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

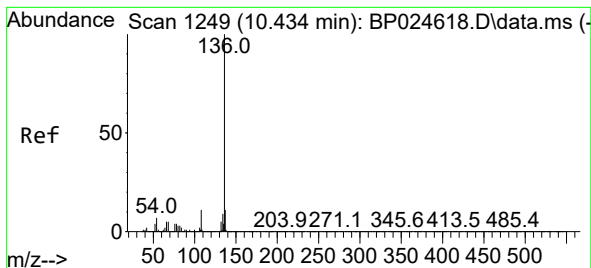
Tgt Ion: 70 Resp: 208643
Ion Ratio Lower Upper
70 100
42 59.2 43.0 64.6
101 11.7 8.7 13.1
130 26.2 19.4 29.0



#20
3+4-Methylphenols
Concen: 42.827 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 107 Resp: 347195
Ion Ratio Lower Upper
107 100
108 88.0 66.7 106.7
77 35.3 13.1 53.1
79 29.7 8.9 48.9

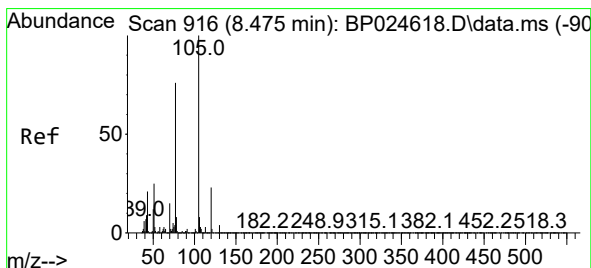
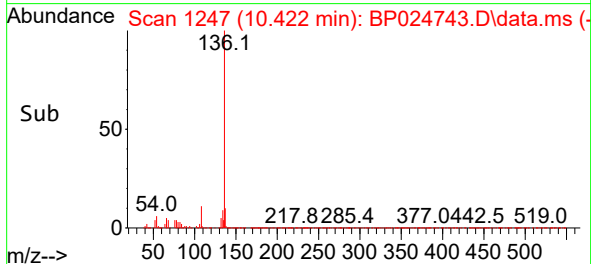
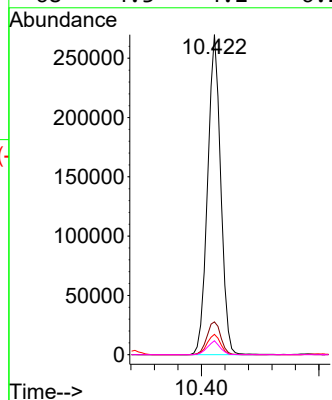
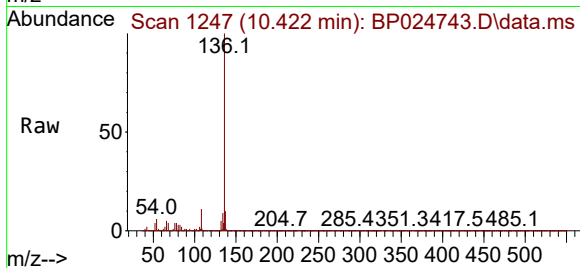




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

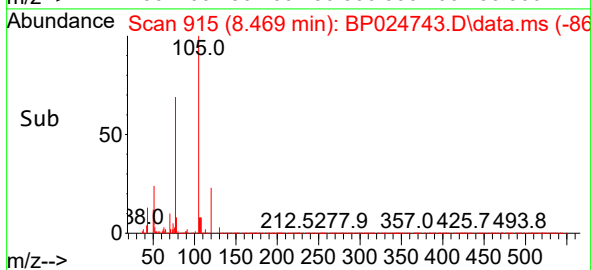
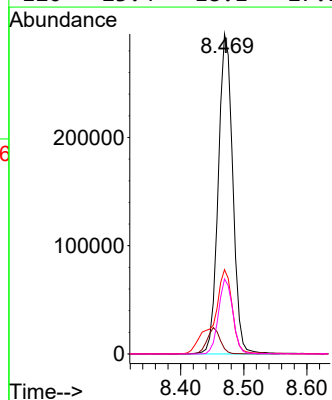
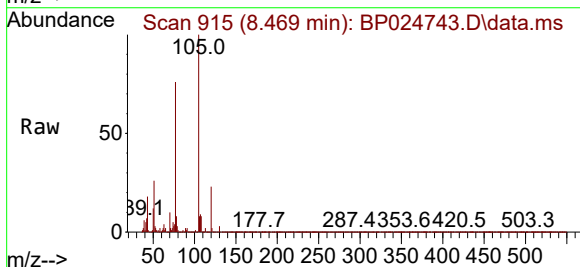
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

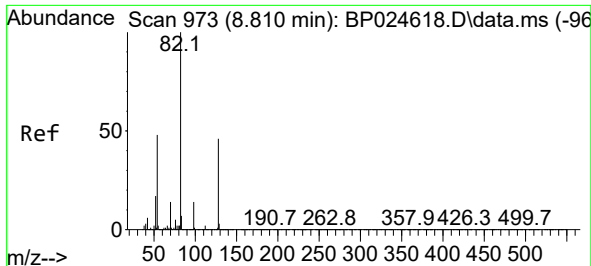
Tgt Ion:	136	Resp:	416808
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.8	13.2
54	6.4	5.5	8.3
68	4.3	4.2	6.2



#22
Acetophenone
Concen: 45.162 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:	105	Resp:	470213
Ion Ratio	Lower	Upper	
105	100		
71	1.6	2.0	3.0#
51	26.3	20.4	30.6
120	23.4	18.1	27.1

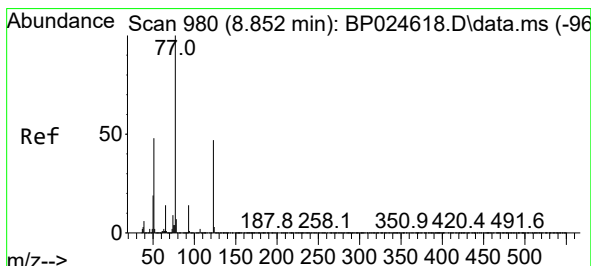
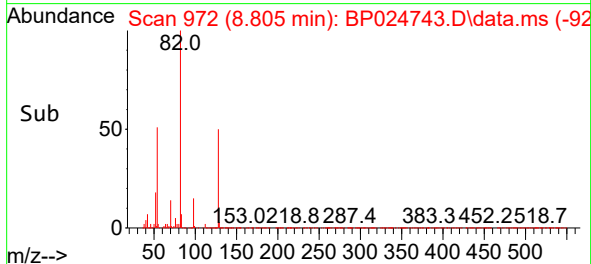
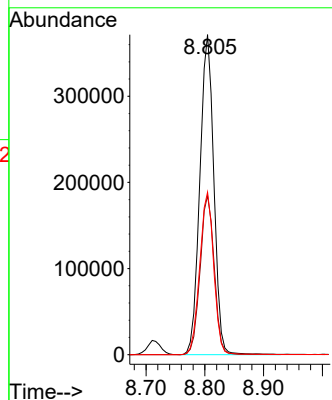
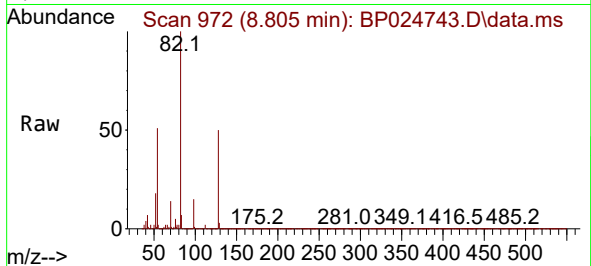




#23
Nitrobenzene-d5
Concen: 74.477 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

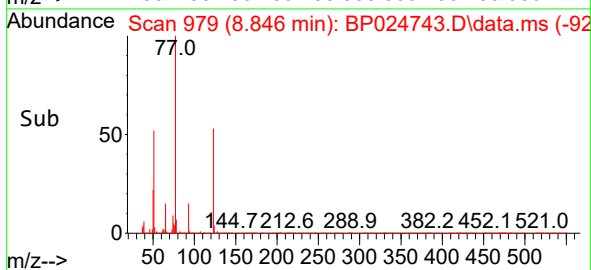
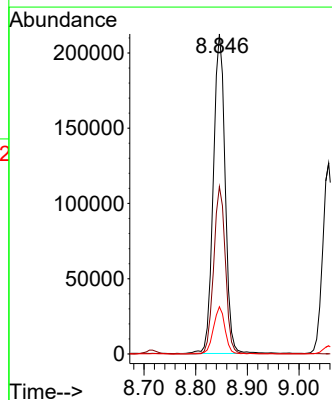
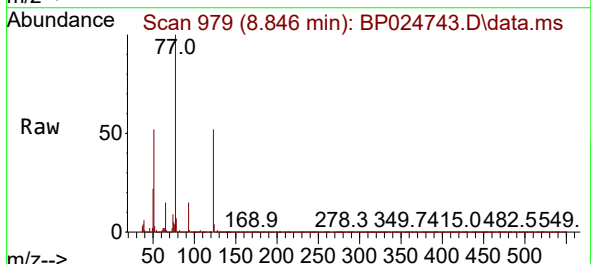
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

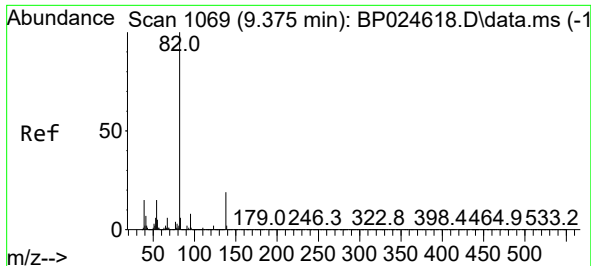
Tgt Ion: 82 Resp: 614381
Ion Ratio Lower Upper
82 100
128 49.7 37.0 55.4
54 50.8 38.7 58.1



#24
Nitrobenzene
Concen: 46.609 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 77 Resp: 338360
Ion Ratio Lower Upper
77 100
123 52.3 37.4 56.0
65 14.8 11.3 16.9

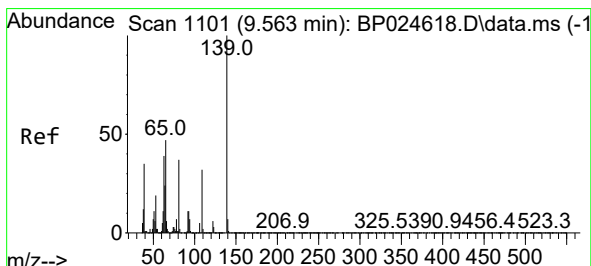
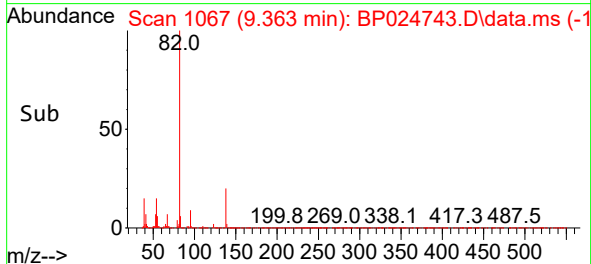
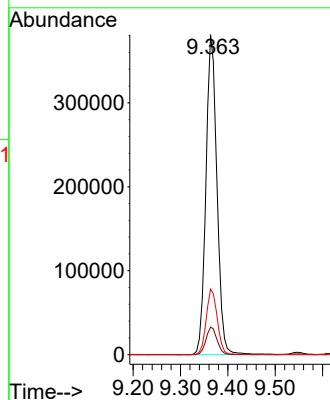
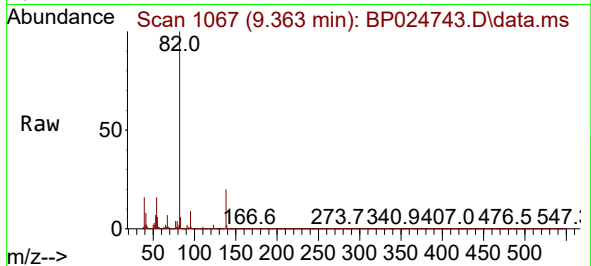




#25
Isophorone
Concen: 42.987 ng
RT: 9.363 min Scan# 1069
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

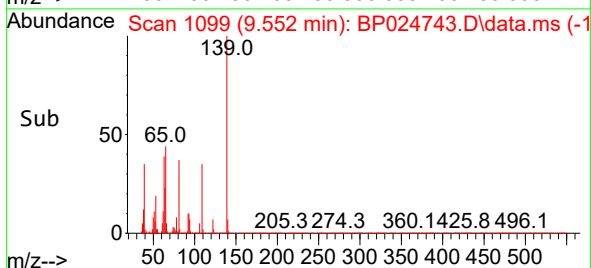
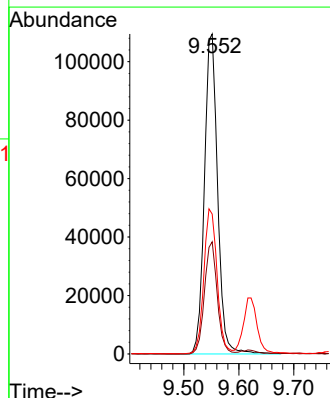
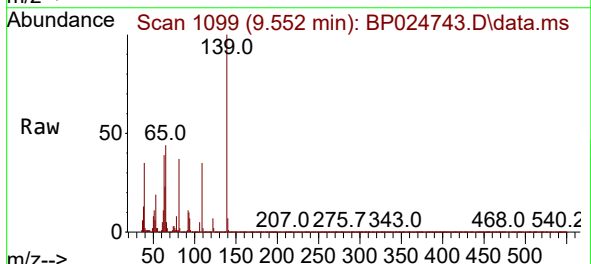
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

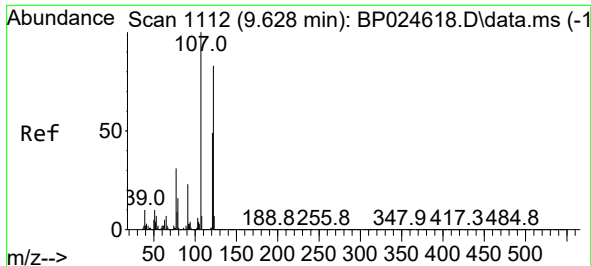
Tgt Ion: 82 Resp: 615123
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 20.5 15.3 22.9



#26
2-Nitrophenol
Concen: 51.293 ng
RT: 9.552 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion: 139 Resp: 182463
Ion Ratio Lower Upper
139 100
109 35.0 25.9 38.9
65 43.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 49.901 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

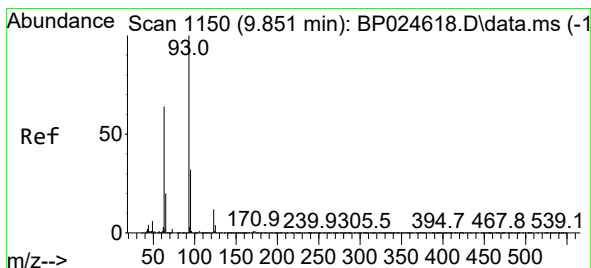
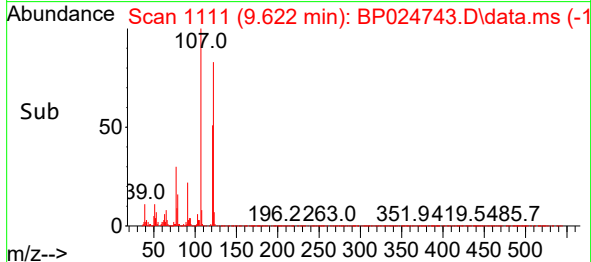
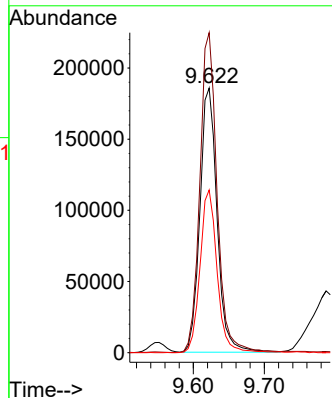
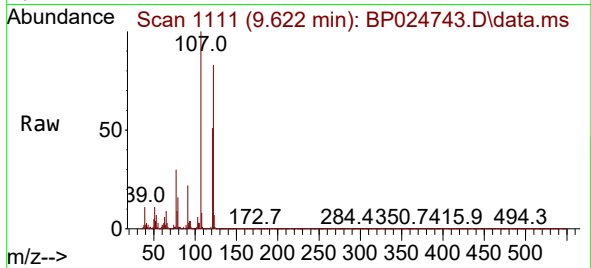
Tgt Ion:122 Resp: 312967

Ion Ratio Lower Upper

122 100

107 120.9 96.2 144.2

121 61.5 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.906 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

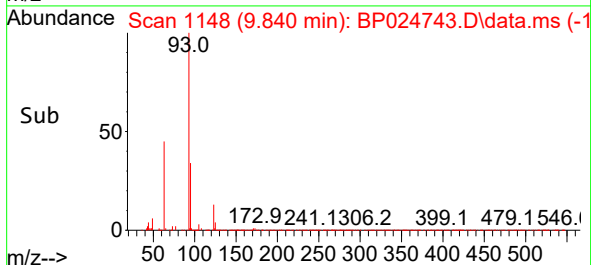
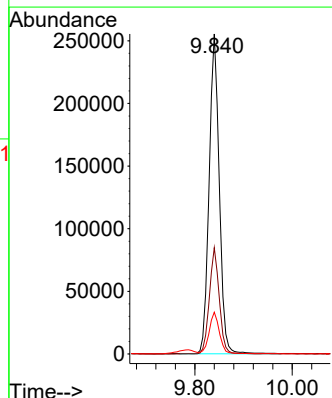
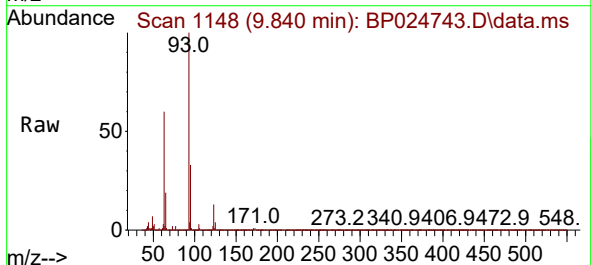
Tgt Ion: 93 Resp: 366804

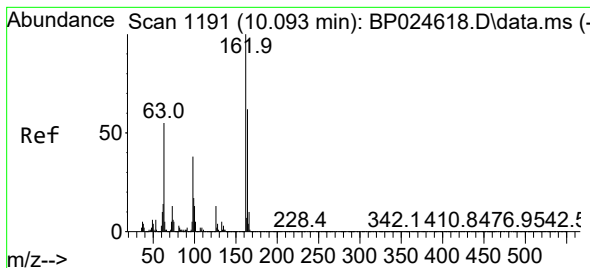
Ion Ratio Lower Upper

93 100

95 33.2 25.5 38.3

123 13.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 53.315 ng

RT: 10.099 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

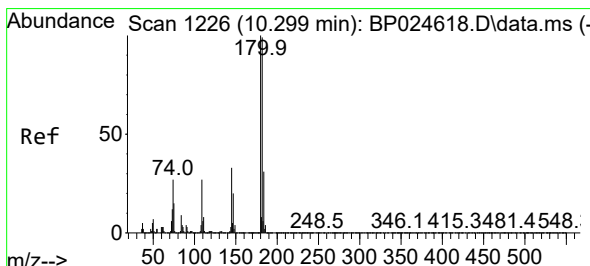
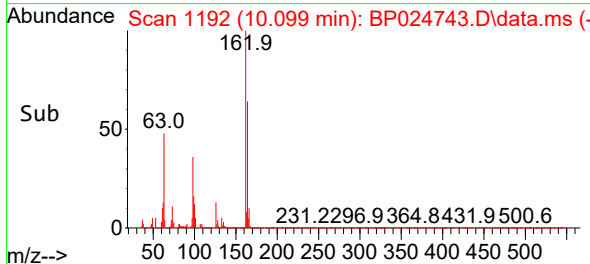
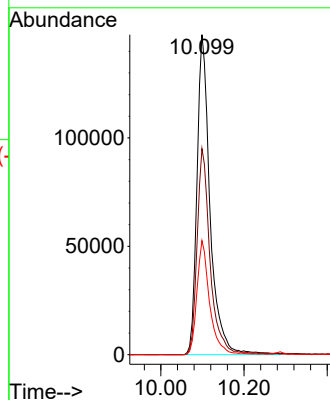
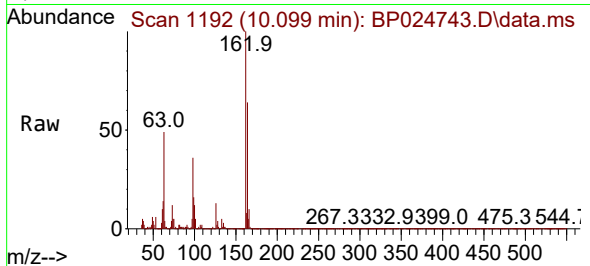
Tgt Ion:162 Resp: 324036

Ion Ratio Lower Upper

162 100

164 64.4 42.3 82.3

98 35.7 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 46.699 ng

RT: 10.287 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

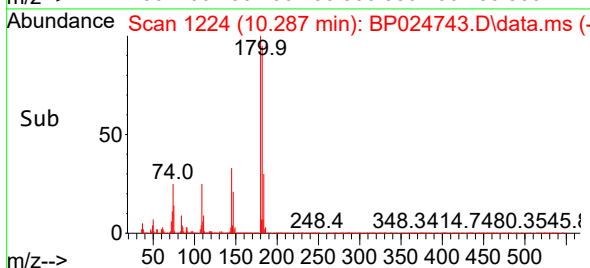
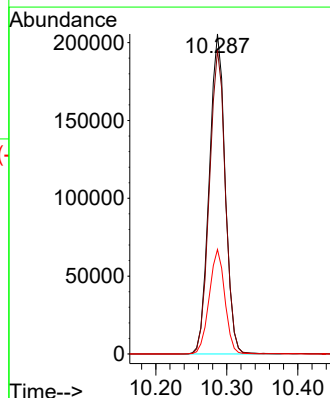
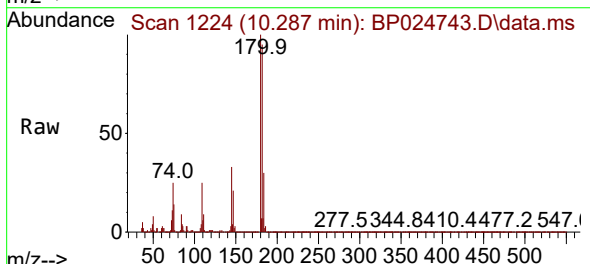
Tgt Ion:180 Resp: 319839

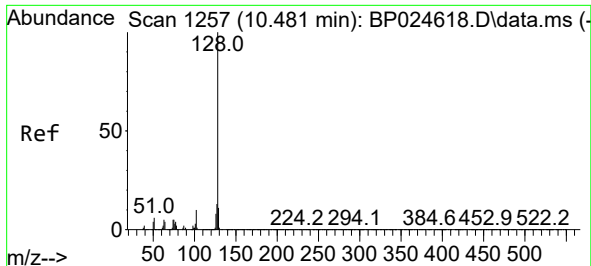
Ion Ratio Lower Upper

180 100

182 95.0 79.0 118.4

145 32.7 26.6 39.8

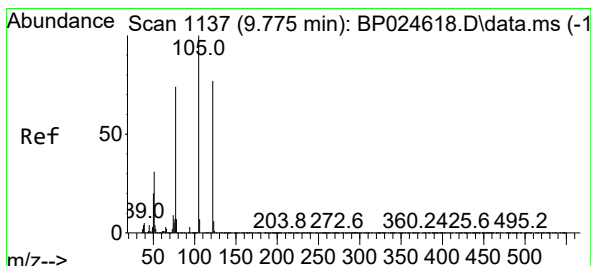
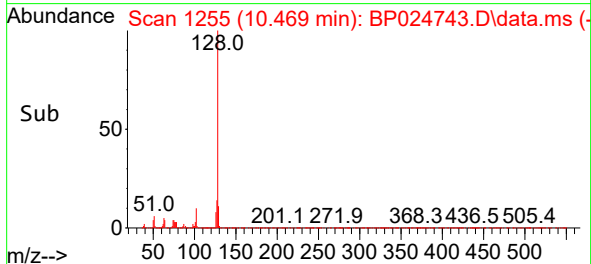
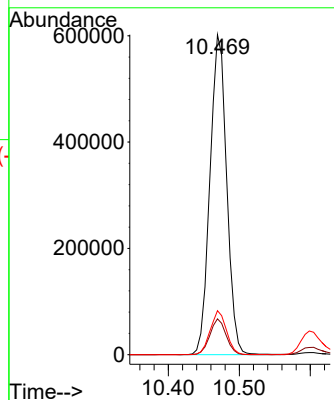
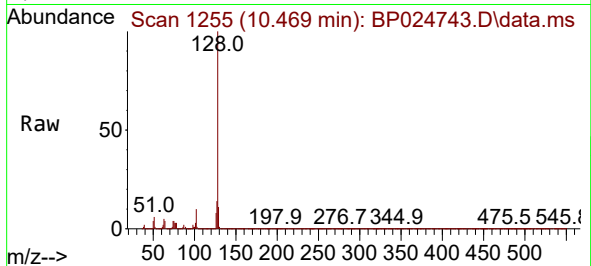




#31
Naphthalene
Concen: 45.506 ng
RT: 10.469 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

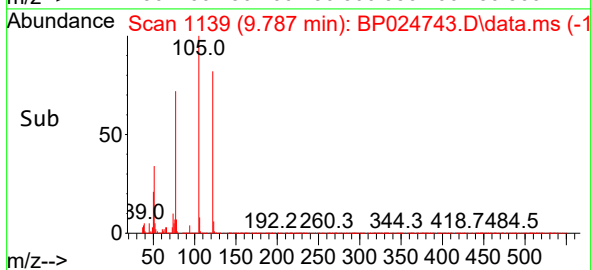
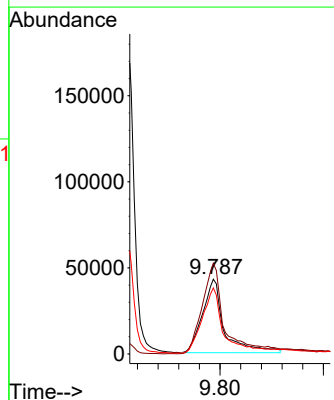
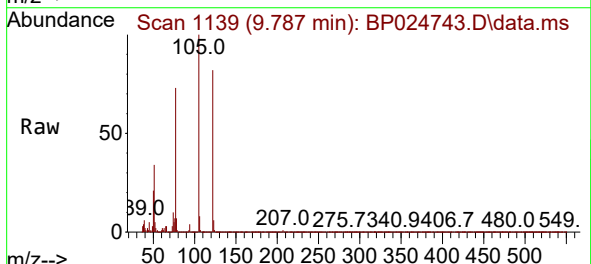
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

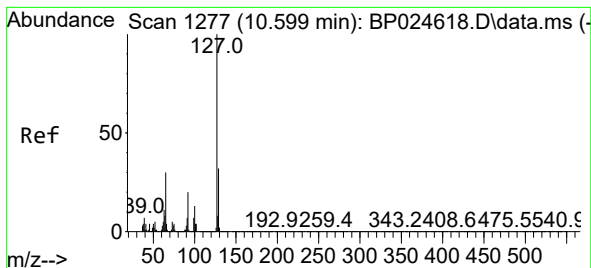
Tgt Ion:128 Resp: 982912
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 31.438 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:122 Resp: 123939
Ion Ratio Lower Upper
122 100
105 121.3 106.9 146.9
77 88.4 75.1 115.1





#33

4-Chloroaniline

Concen: 11.980 ng

RT: 10.599 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

Tgt Ion:127 Resp: 104421

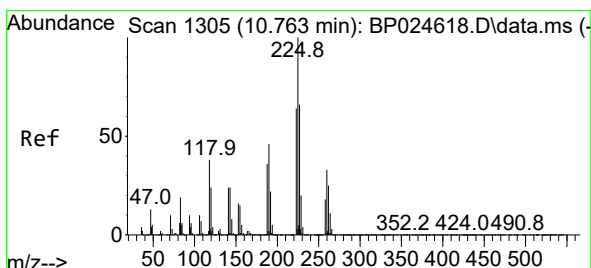
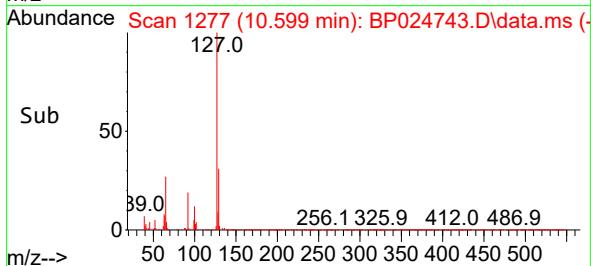
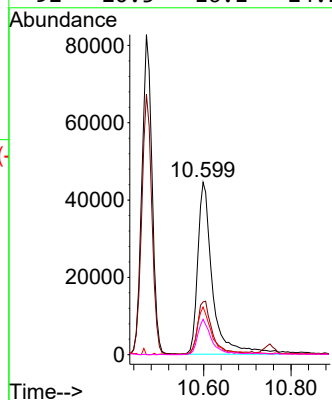
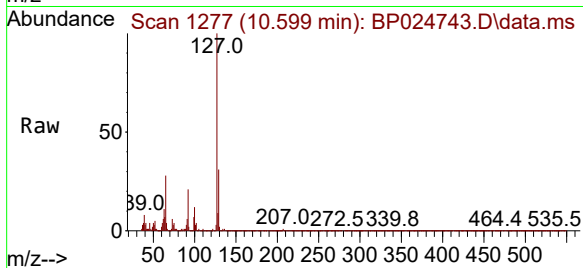
Ion Ratio Lower Upper

127 100

129 30.7 25.8 38.6

65 27.6 23.9 35.9

92 20.5 16.1 24.1



#34

Hexachlorobutadiene

Concen: 47.439 ng

RT: 10.752 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

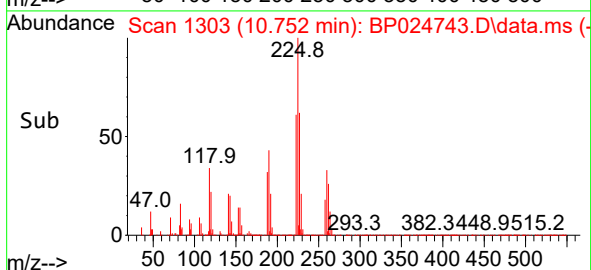
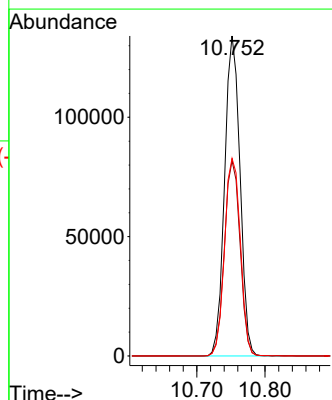
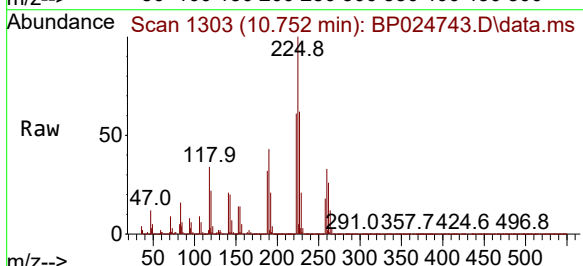
Tgt Ion:225 Resp: 210478

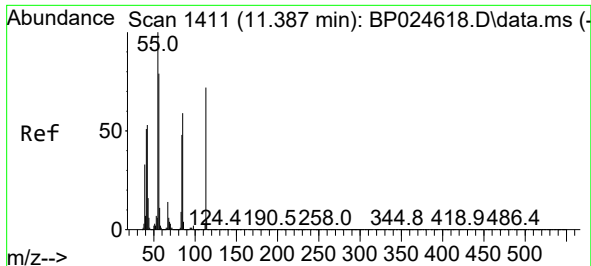
Ion Ratio Lower Upper

225 100

223 61.0 51.0 76.6

227 61.8 53.1 79.7

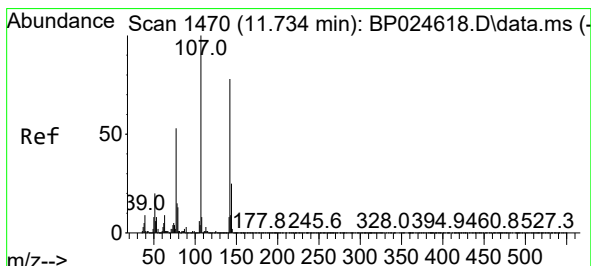
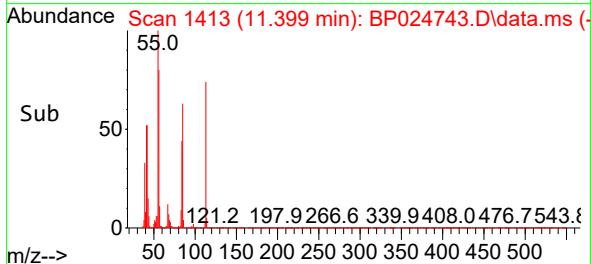
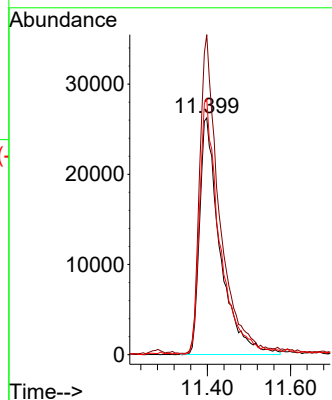
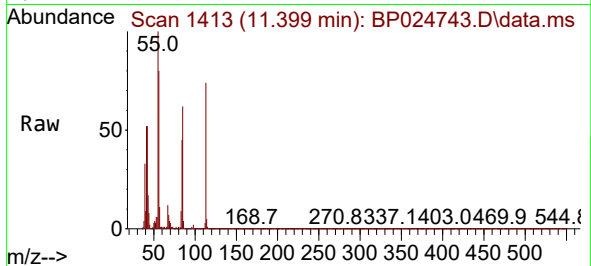




#35
Caprolactam
Concen: 40.676 ng
RT: 11.399 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

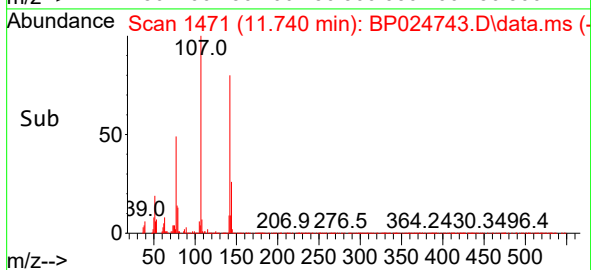
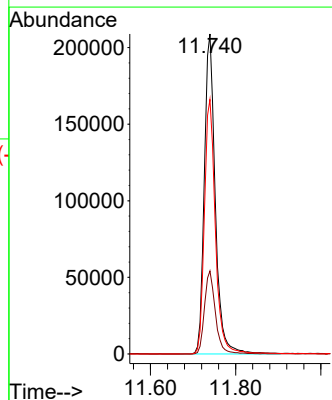
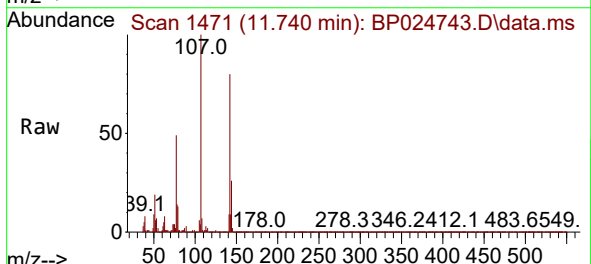
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

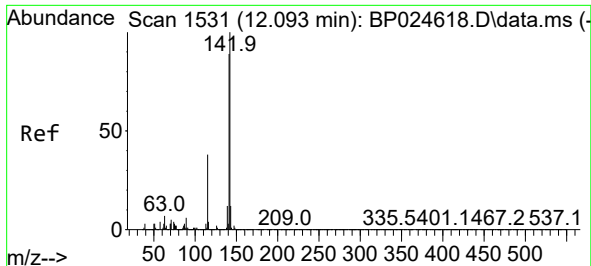
Tgt Ion	Ratio	Lower	Upper
113	100		
55	135.1	119.0	159.0
56	108.1	90.3	130.3



#36
4-Chloro-3-methylphenol
Concen: 50.243 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.1	30.1
142	79.6	62.1	93.1

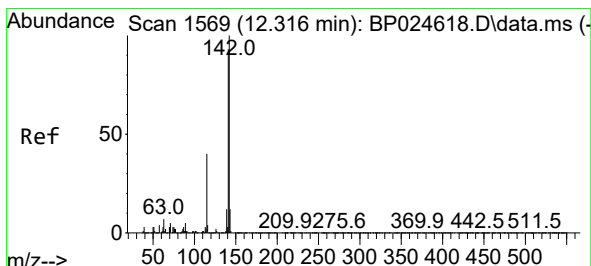
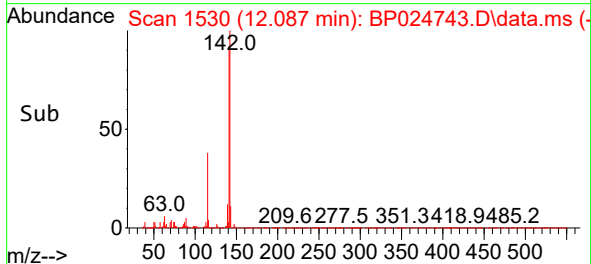
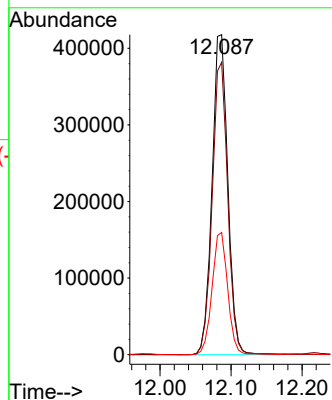
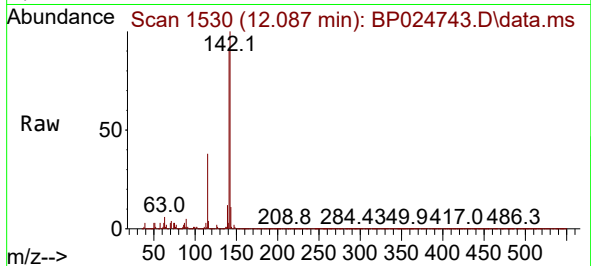




#37
2-Methylnaphthalene
Concen: 45.985 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

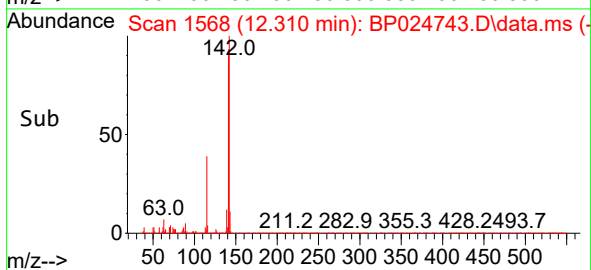
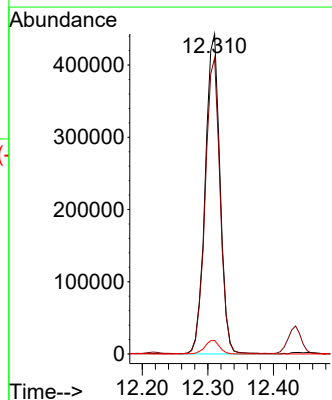
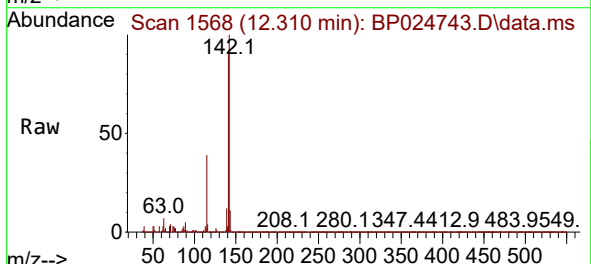
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

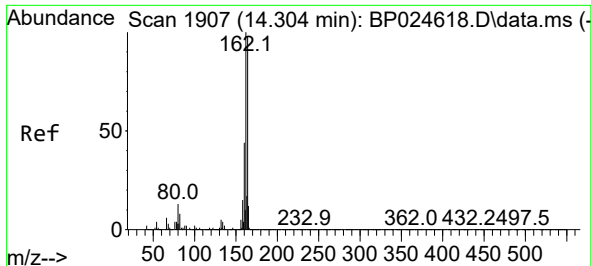
Tgt Ion:142 Resp: 643136
Ion Ratio Lower Upper
142 100
141 91.4 71.2 106.8
115 38.2 30.6 46.0



#38
1-Methylnaphthalene
Concen: 46.475 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:142 Resp: 695468
Ion Ratio Lower Upper
142 100
141 92.5 74.7 112.1
116 4.2 3.4 5.2

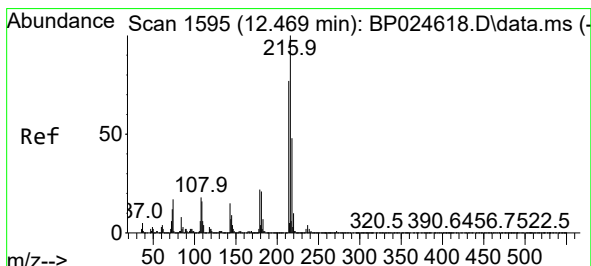
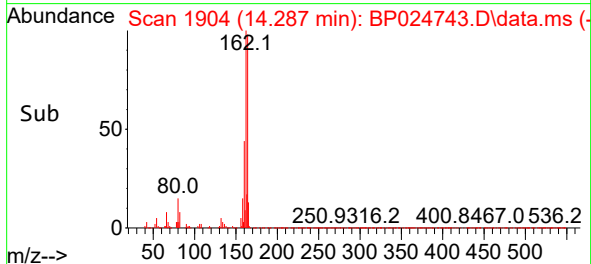
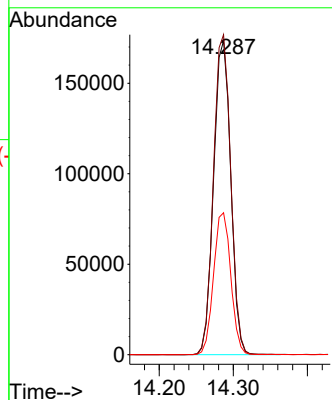
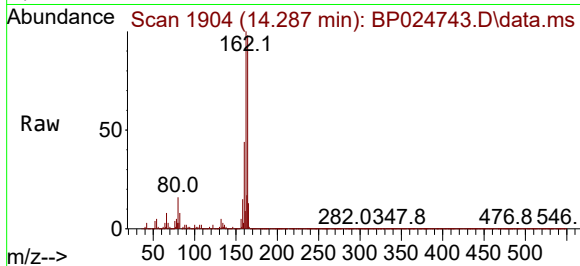




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

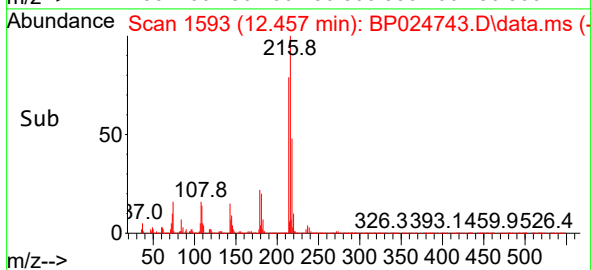
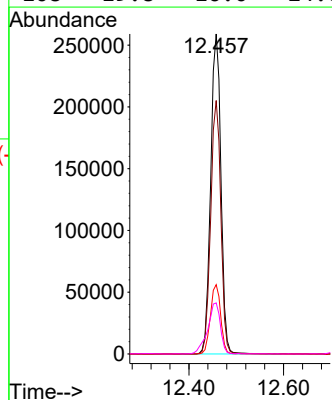
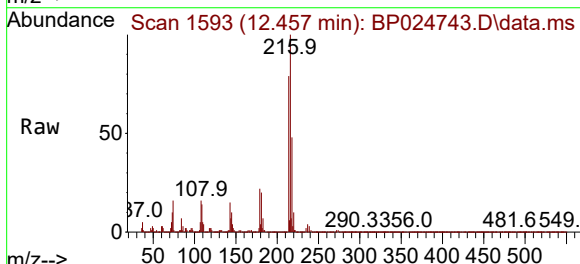
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

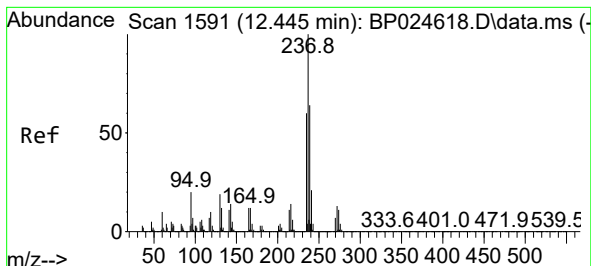
Tgt Ion:164 Resp: 277834
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.6
160 45.2 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.208 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:216 Resp: 388937
Ion Ratio Lower Upper
216 100
214 78.5 62.3 93.5
179 21.7 17.7 26.5
108 19.8 16.0 24.0

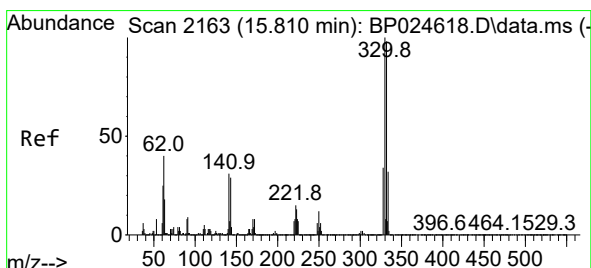
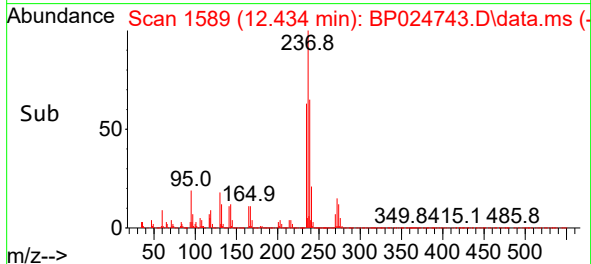
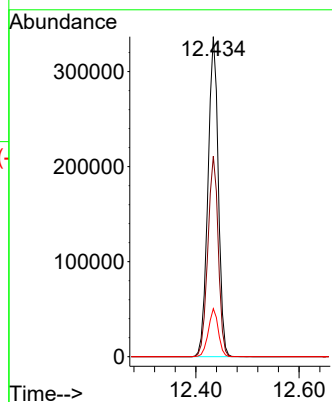
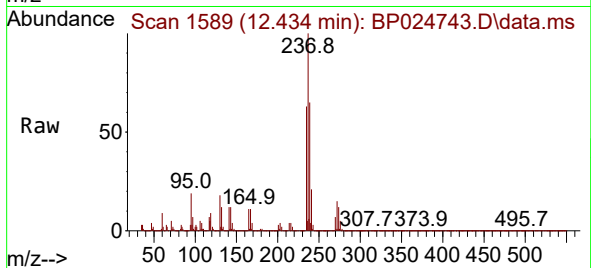




#41
Hexachlorocyclopentadiene
Concen: 95.663 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

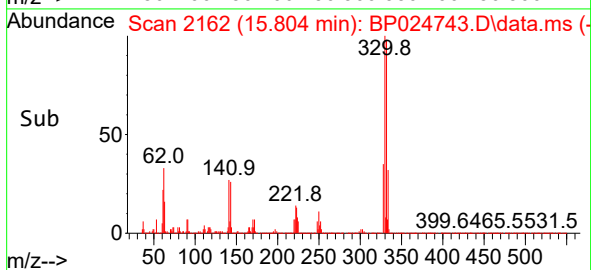
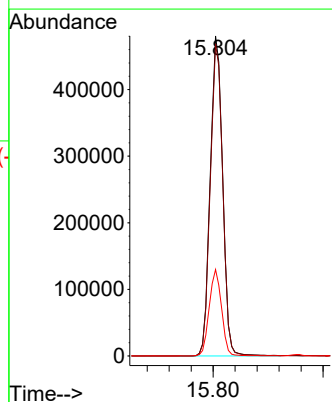
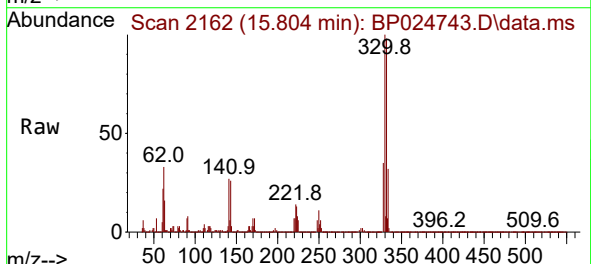
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

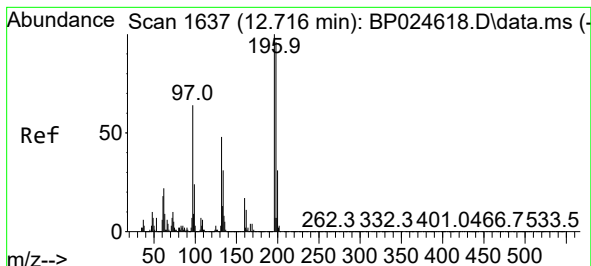
Tgt Ion:237 Resp: 467997
Ion Ratio Lower Upper
237 100
235 62.6 39.9 79.9
272 15.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 160.013 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:330 Resp: 753677
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 26.8 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 53.055 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

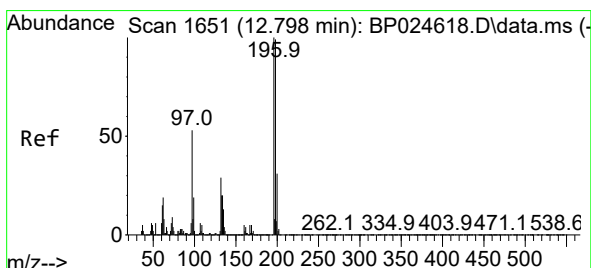
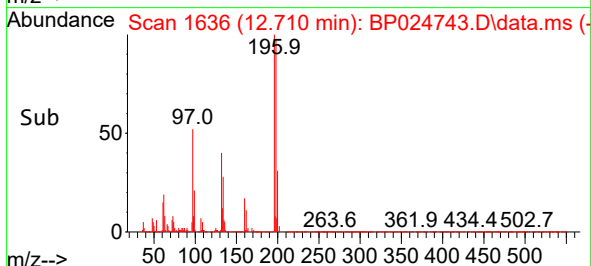
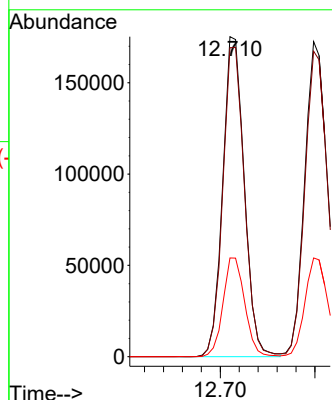
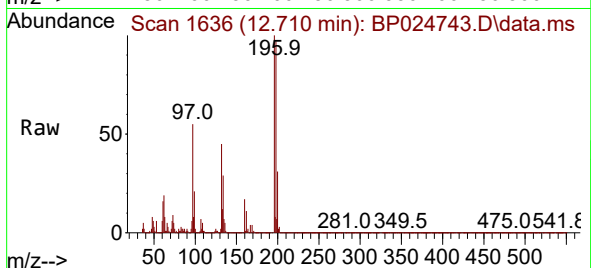
Tgt Ion:196 Resp: 277249

Ion Ratio Lower Upper

196 100

198 96.5 76.9 115.3

200 30.9 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 52.592 ng

RT: 12.799 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Tgt Ion:196 Resp: 305923

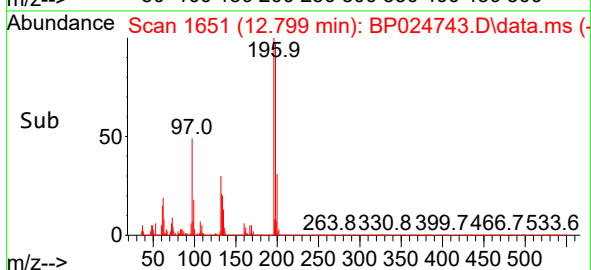
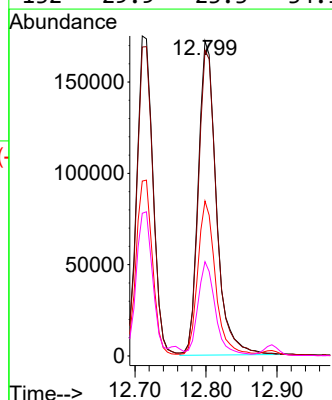
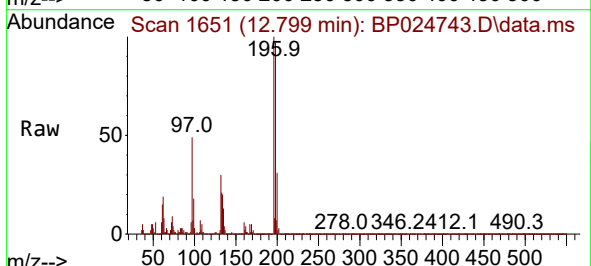
Ion Ratio Lower Upper

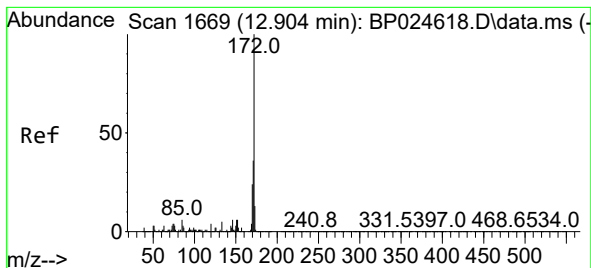
196 100

198 97.0 79.2 118.8

97 49.1 42.3 63.5

132 29.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 73.372 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

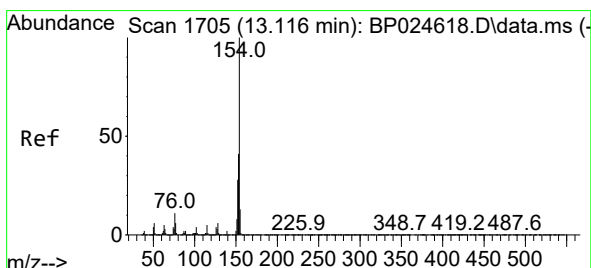
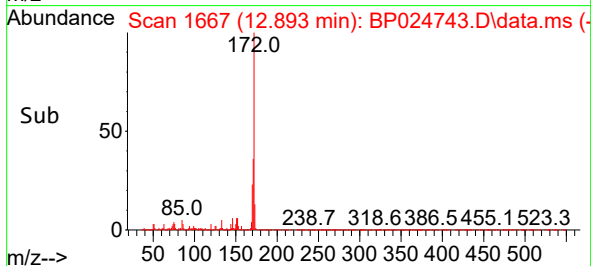
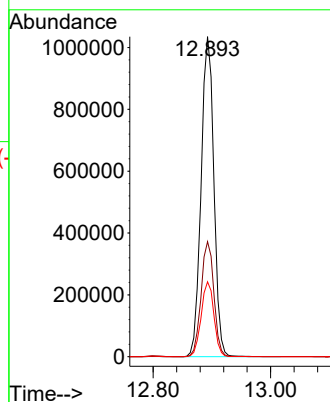
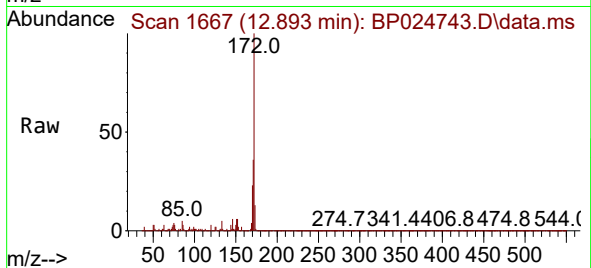
Tgt Ion:172 Resp: 1555986

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.387 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

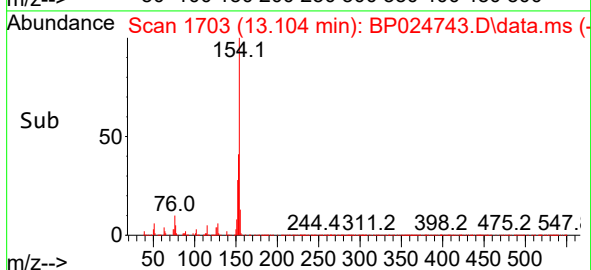
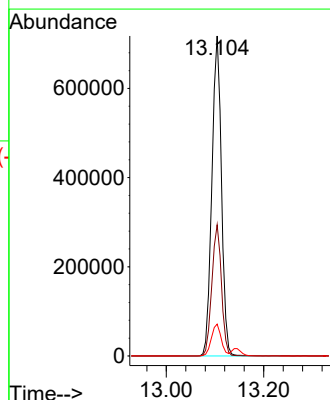
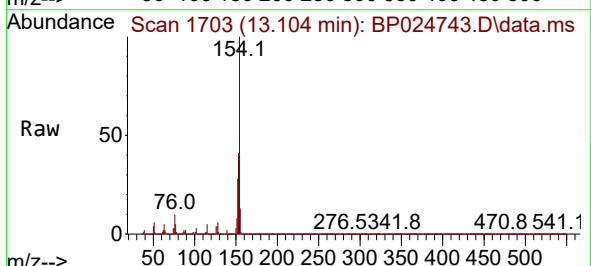
Tgt Ion:154 Resp: 973088

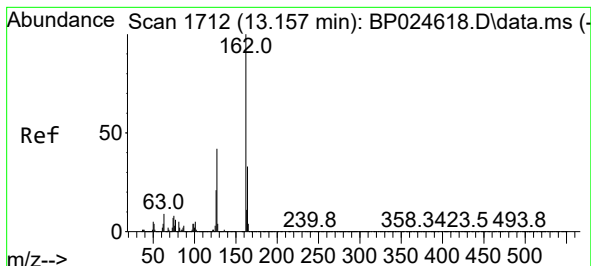
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 9.9 0.0 31.5





#47

2-Chloronaphthalene

Concen: 47.186 ng

RT: 13.146 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

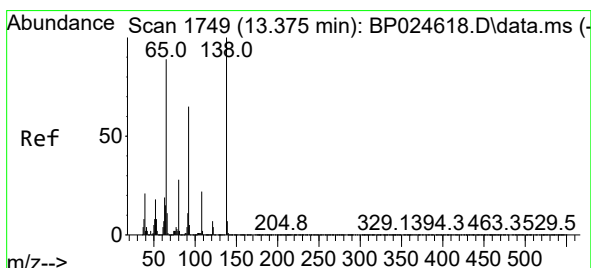
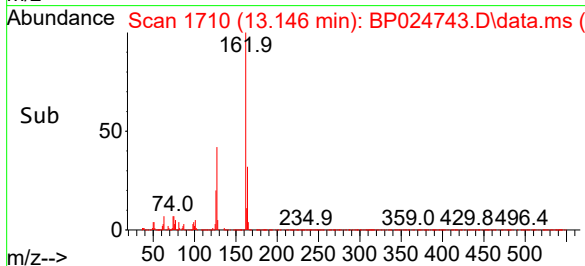
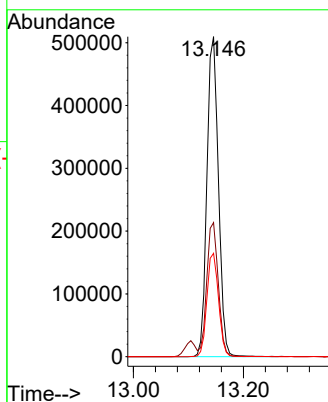
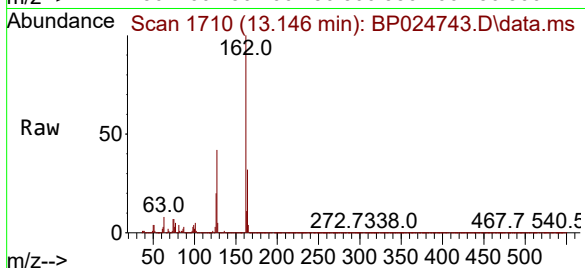
Tgt Ion:162 Resp: 738807

Ion Ratio Lower Upper

162 100

127 41.9 33.8 50.6

164 32.3 26.0 39.0



#48

2-Nitroaniline

Concen: 43.288 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

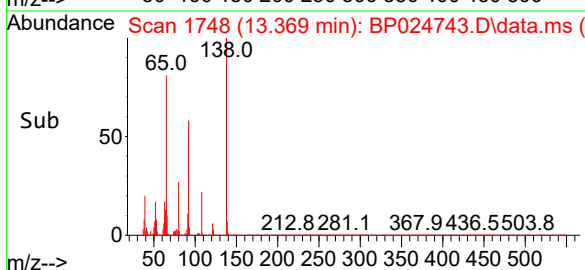
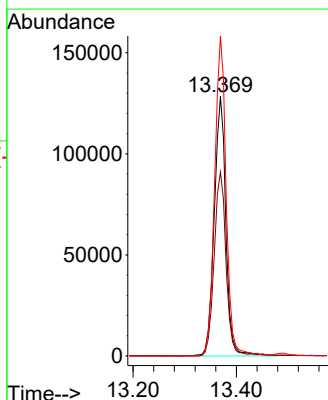
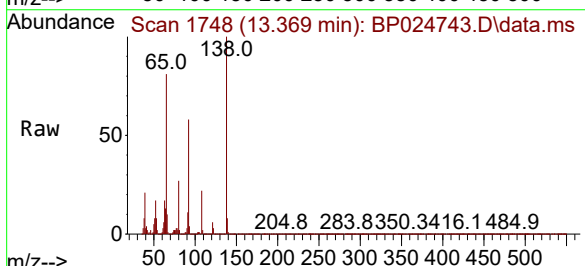
Tgt Ion: 65 Resp: 200663

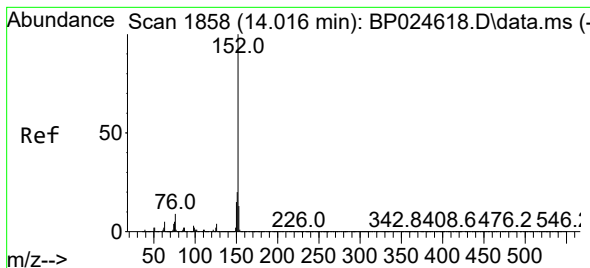
Ion Ratio Lower Upper

65 100

92 70.9 58.7 88.1

138 123.3 90.2 135.2





#49

Acenaphthylene

Concen: 47.978 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

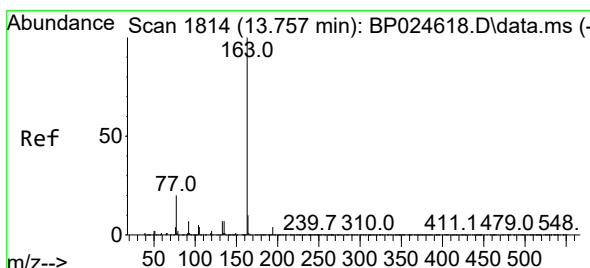
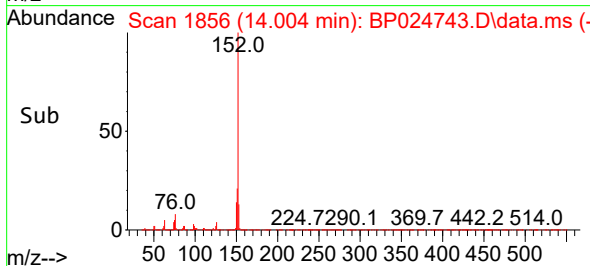
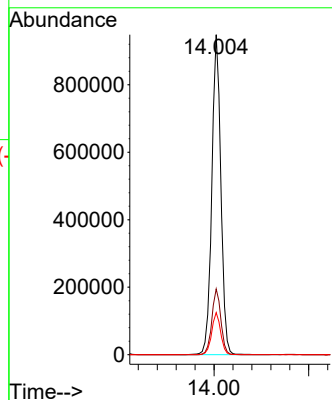
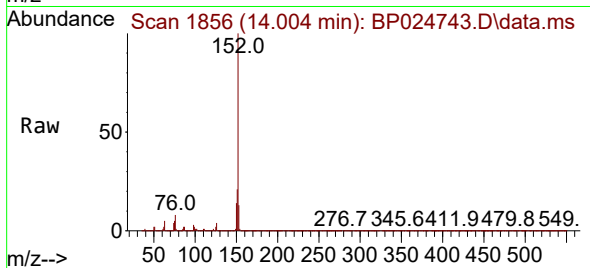
Tgt Ion:152 Resp: 1257136

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 49.032 ng

RT: 13.746 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

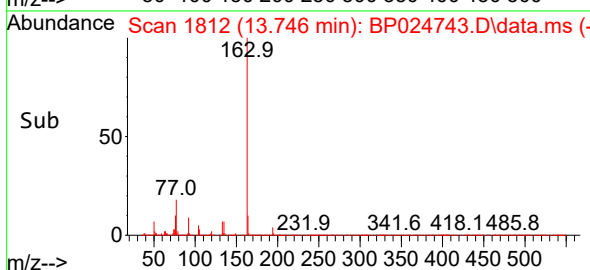
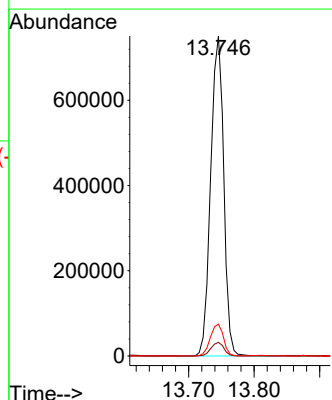
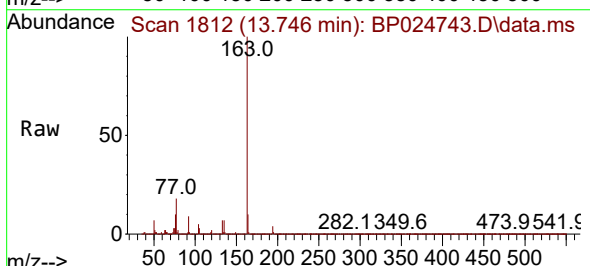
Tgt Ion:163 Resp: 1038334

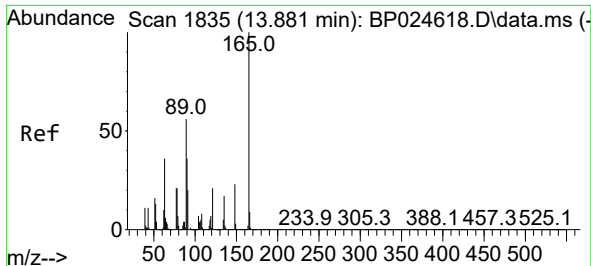
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.1 12.1

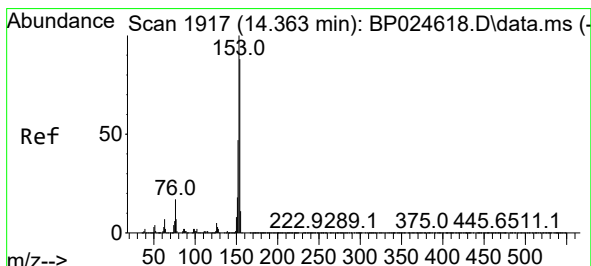
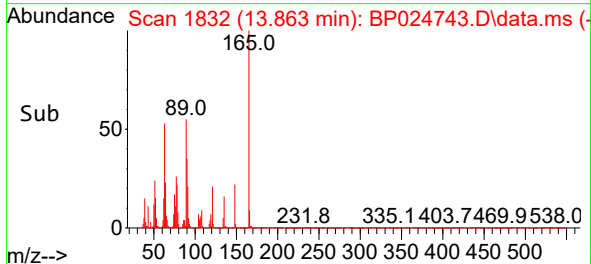
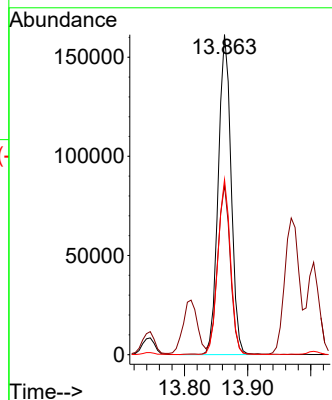
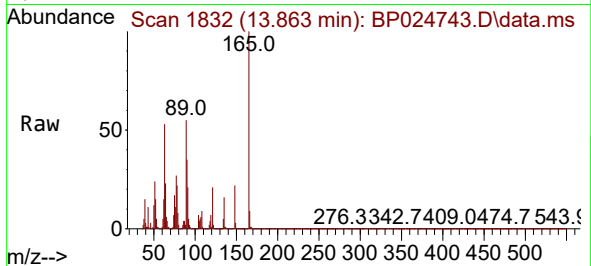




#51
2,6-Dinitrotoluene
Concen: 50.841 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

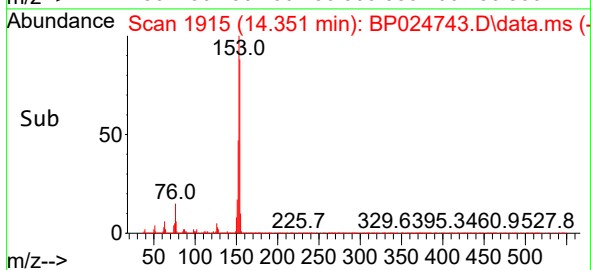
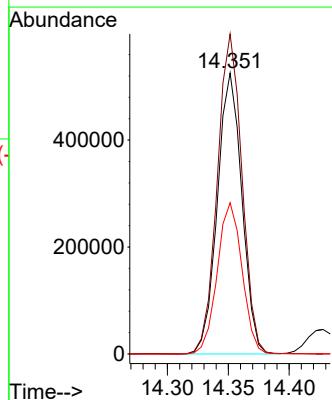
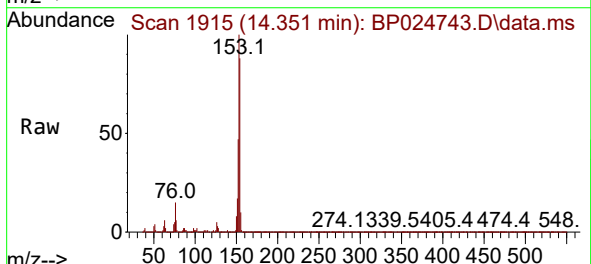
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

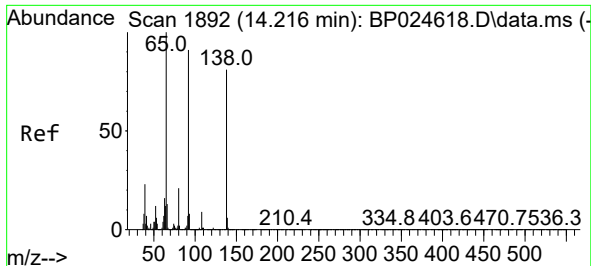
Tgt Ion:165 Resp: 227381
Ion Ratio Lower Upper
165 100
63 53.0 42.4 63.6
89 54.8 44.8 67.2



#52
Acenaphthene
Concen: 48.914 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:154 Resp: 736802
Ion Ratio Lower Upper
154 100
153 113.9 91.0 136.4
152 53.8 42.9 64.3

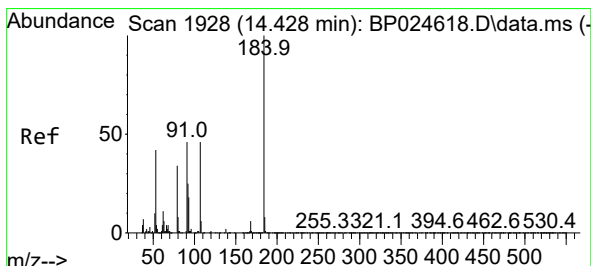
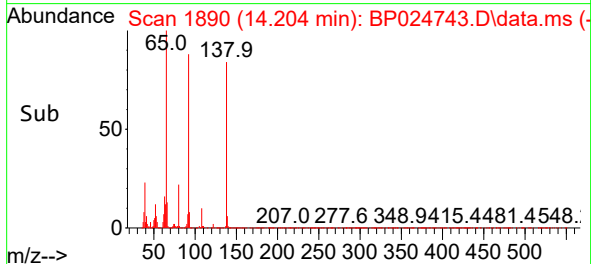
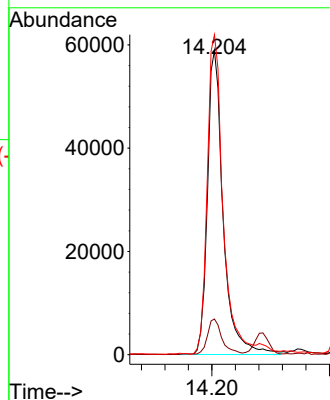
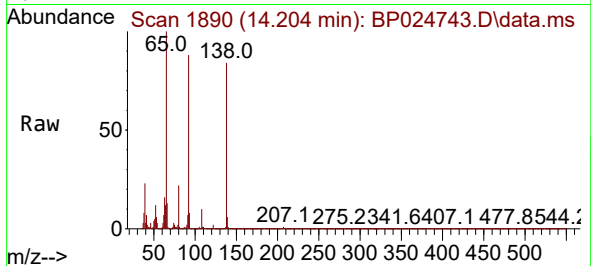




#53
3-Nitroaniline
Concen: 23.980 ng
RT: 14.204 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

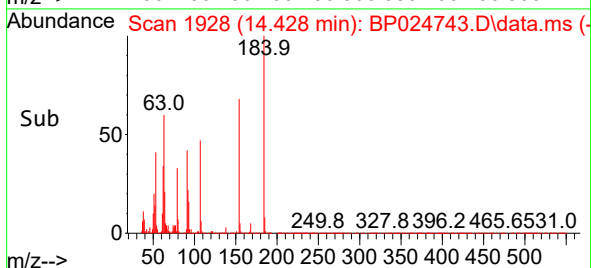
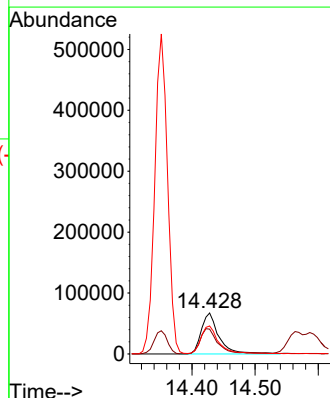
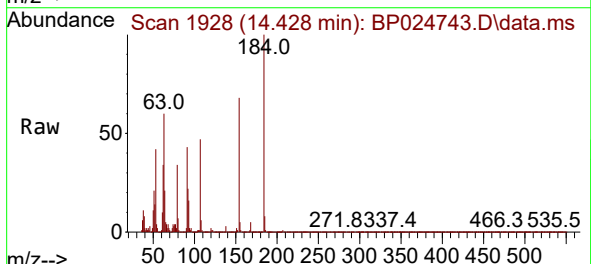
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

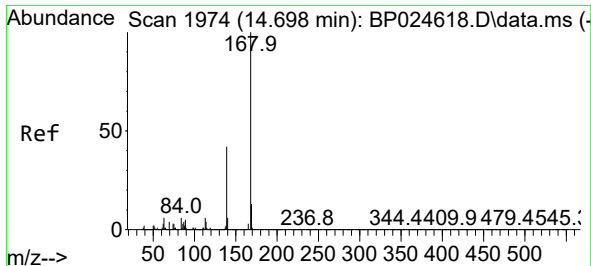
Tgt Ion:138 Resp: 109507
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 105.2 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 49.029 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:184 Resp: 130675
Ion Ratio Lower Upper
184 100
63 60.5 51.3 76.9
154 68.2 53.5 80.3

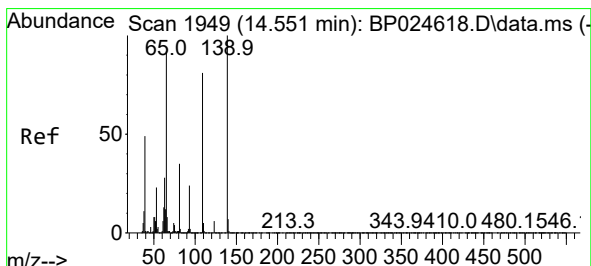
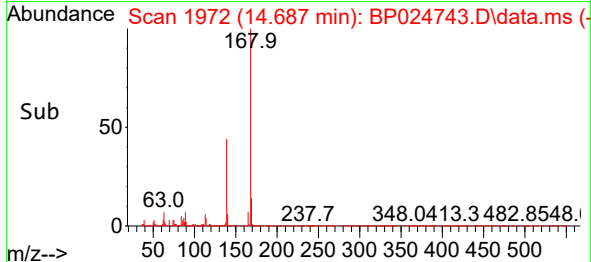
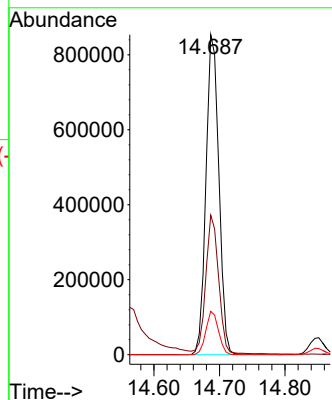
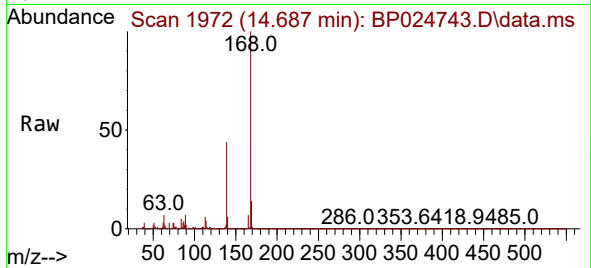




#55
Dibenzofuran
Concen: 48.739 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

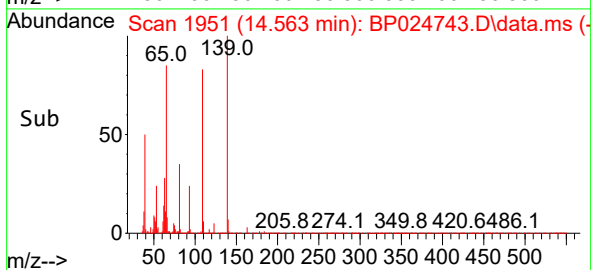
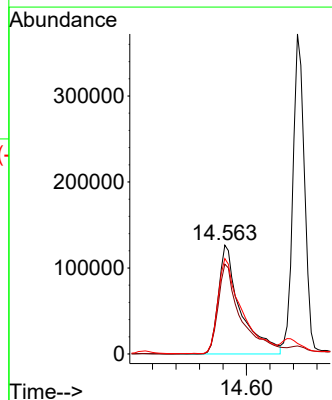
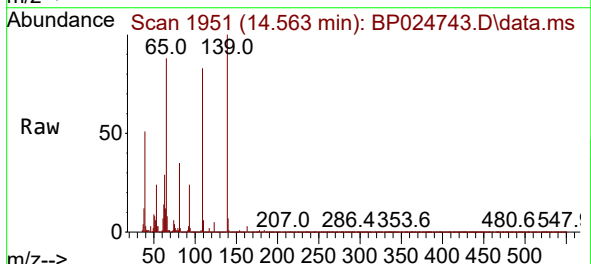
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

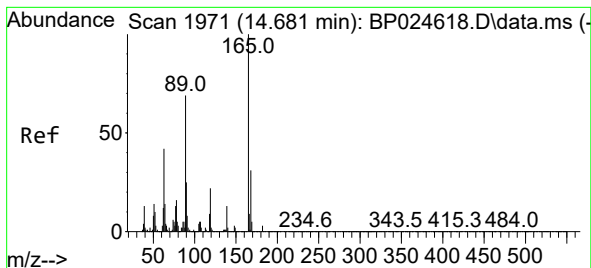
Tgt Ion:168 Resp: 1171047
Ion Ratio Lower Upper
168 100
139 43.6 34.2 51.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 83.198 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:139 Resp: 329634
Ion Ratio Lower Upper
139 100
109 82.5 61.4 101.4
65 87.7 72.2 112.2





#57

2,4-Dinitrotoluene

Concen: 54.032 ng

RT: 14.669 min Scan# 1971

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

Tgt Ion:165 Resp: 340682

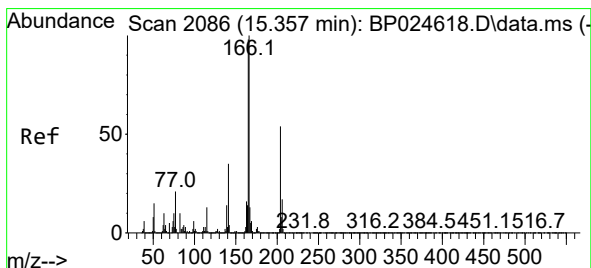
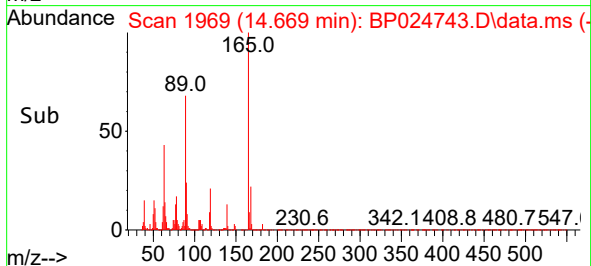
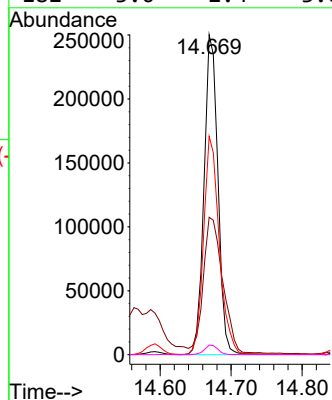
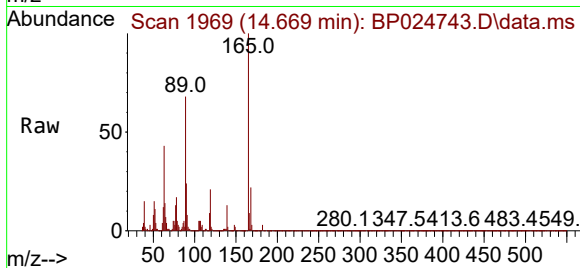
Ion Ratio Lower Upper

165 100

63 42.9 33.8 50.6

89 68.3 55.6 83.4

182 3.0 2.4 3.6



#58

Fluorene

Concen: 50.419 ng

RT: 15.351 min Scan# 2085

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

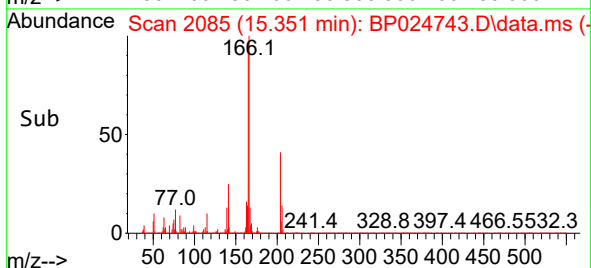
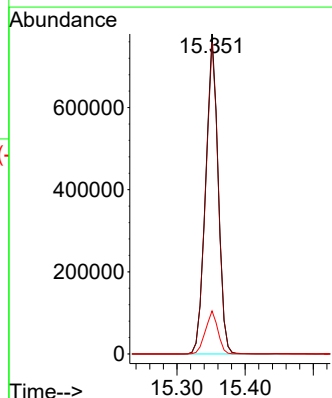
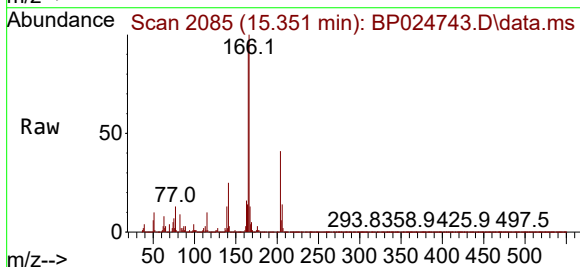
Tgt Ion:166 Resp: 987782

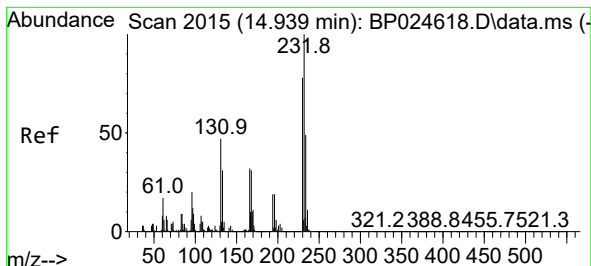
Ion Ratio Lower Upper

166 100

165 97.3 78.5 117.7

167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.306 ng

RT: 14.940 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

Tgt Ion:232 Resp: 293036

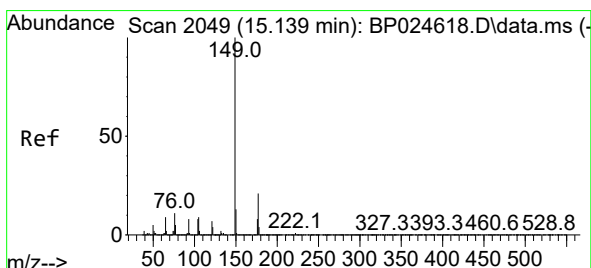
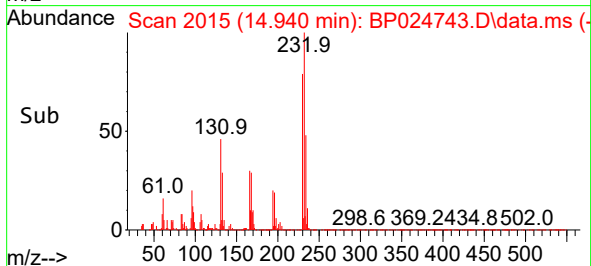
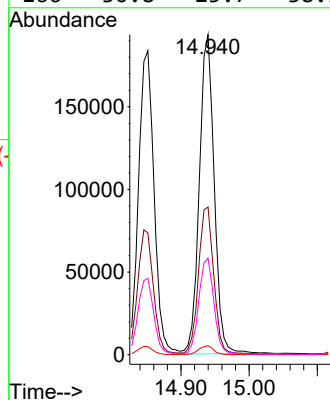
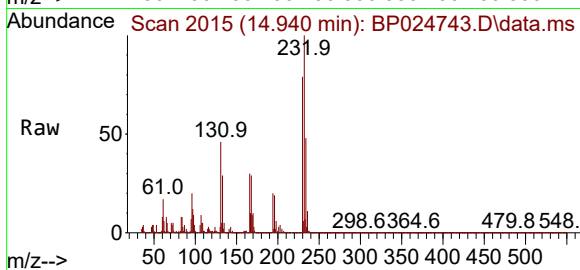
Ion Ratio Lower Upper

232 100

131 47.4 39.5 59.3

130 2.9 2.2 3.4

166 30.8 25.7 38.5



#60

Diethylphthalate

Concen: 50.788 ng

RT: 15.128 min Scan# 2047

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

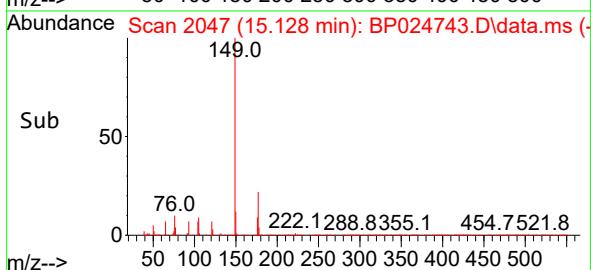
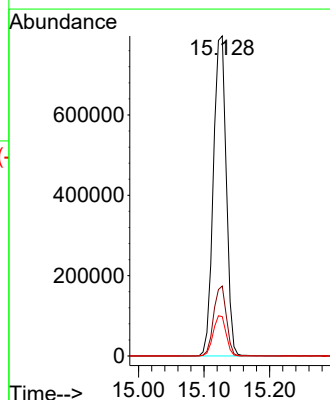
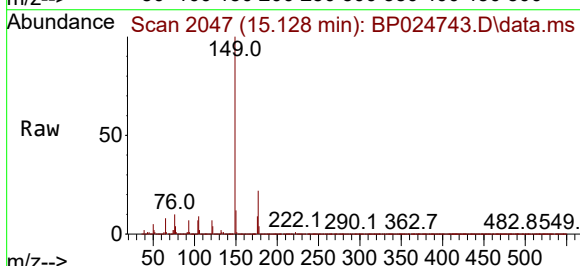
Tgt Ion:149 Resp: 1087030

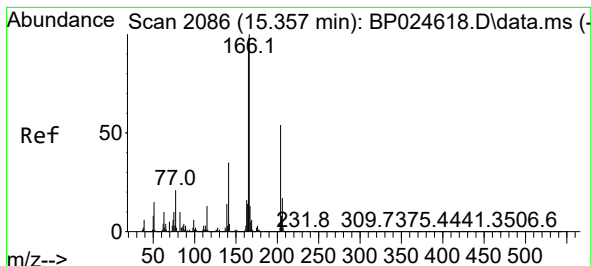
Ion Ratio Lower Upper

149 100

177 21.9 16.7 25.1

150 12.3 10.2 15.2

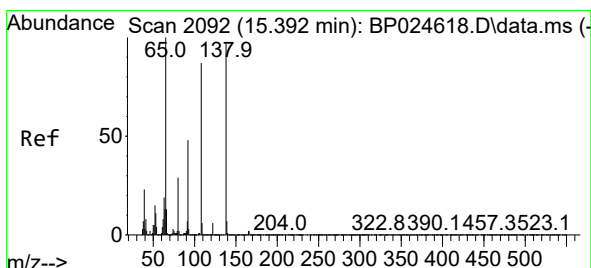
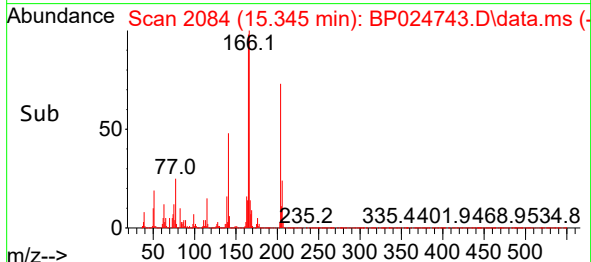
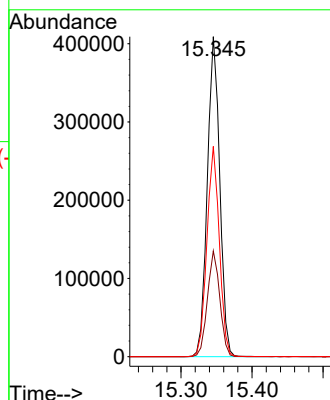
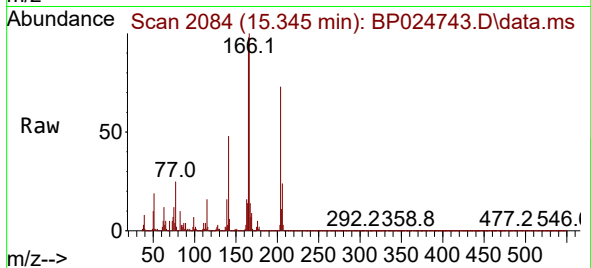




#61
4-Chlorophenyl-phenylether
Concen: 51.021 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

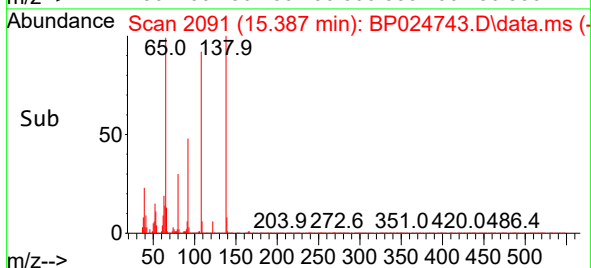
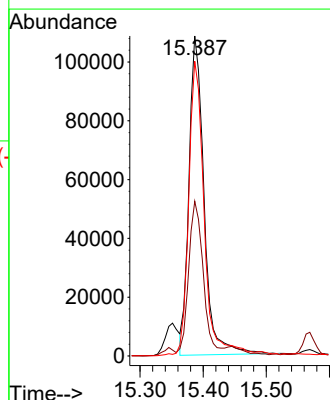
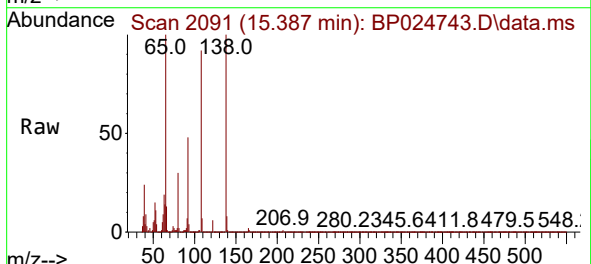
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

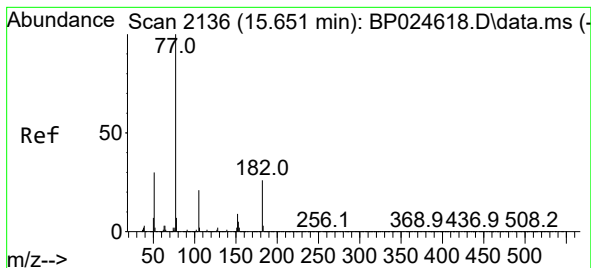
Tgt Ion:204 Resp: 498490
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 65.7 52.9 79.3



#62
4-Nitroaniline
Concen: 40.861 ng
RT: 15.387 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:138 Resp: 180175
Ion Ratio Lower Upper
138 100
92 48.4 29.2 69.2
108 92.1 69.0 109.0





#63

Azobenzene

Concen: 46.066 ng

RT: 15.645 min Scan# 2136

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

Tgt Ion: 77 Resp: 843471

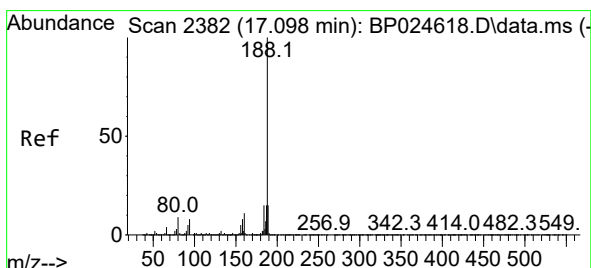
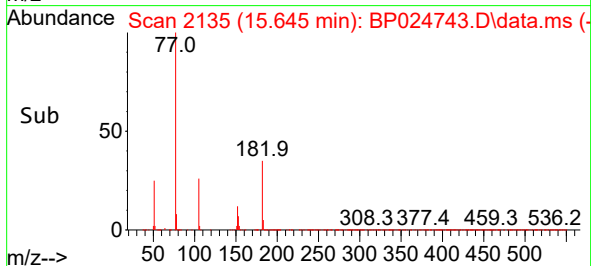
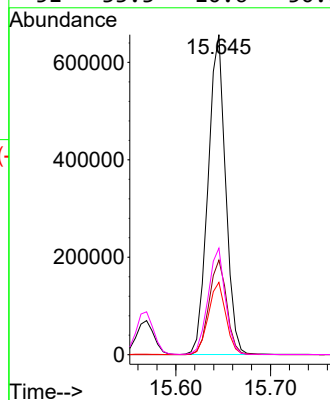
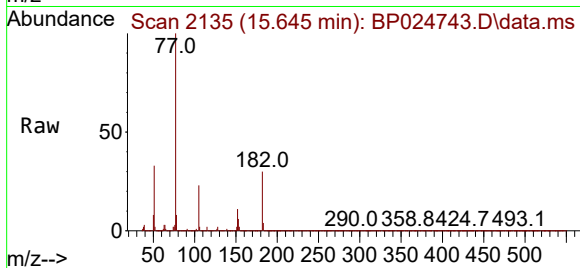
Ion Ratio Lower Upper

77 100

182 29.5 5.7 45.7

105 22.6 1.3 41.3

51 33.3 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 2380

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

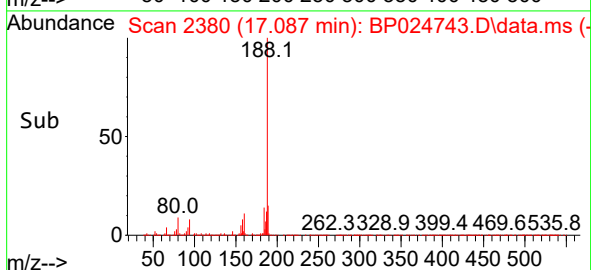
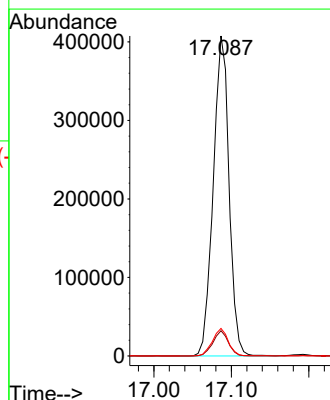
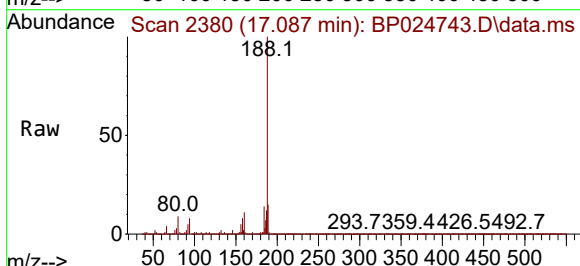
Tgt Ion:188 Resp: 578541

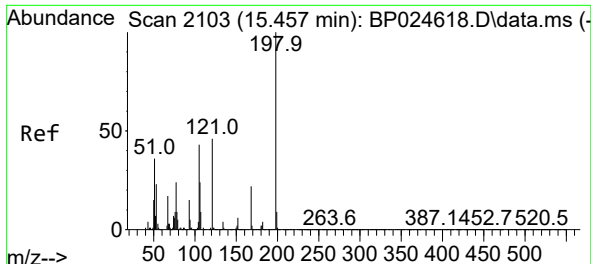
Ion Ratio Lower Upper

188 100

94 7.9 6.5 9.7

80 8.6 7.3 10.9

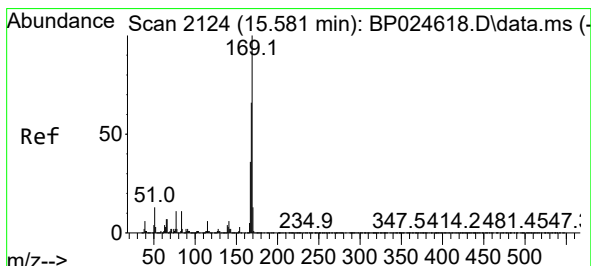
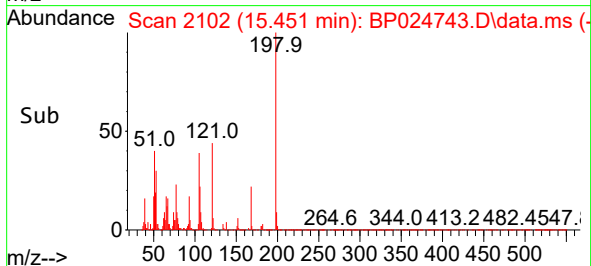
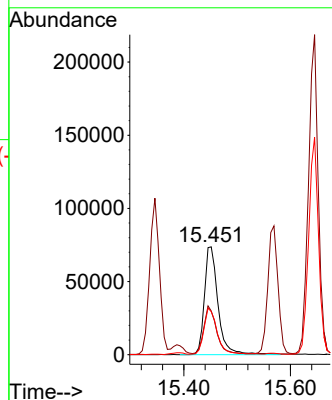
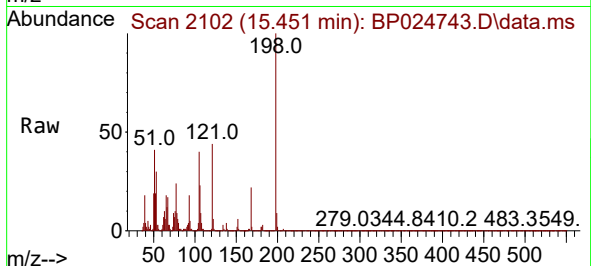




#65
4,6-Dinitro-2-methylphenol
Concen: 34.948 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

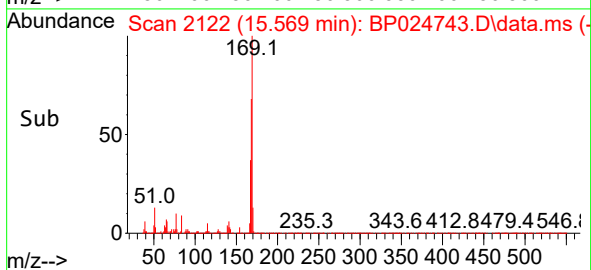
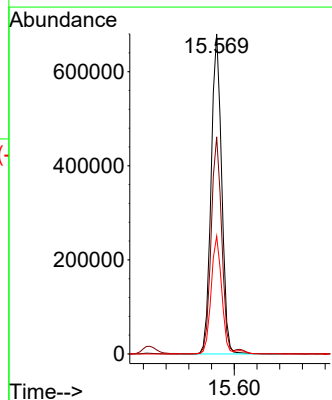
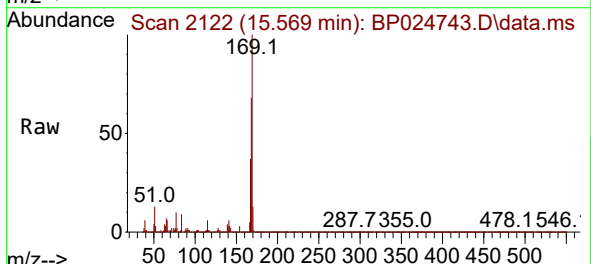
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

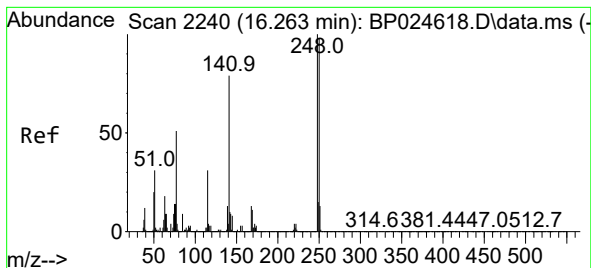
Tgt Ion:198 Resp: 130601
Ion Ratio Lower Upper
198 100
51 40.6 21.1 61.1
105 40.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 48.988 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:169 Resp: 870549
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 36.8 28.6 43.0

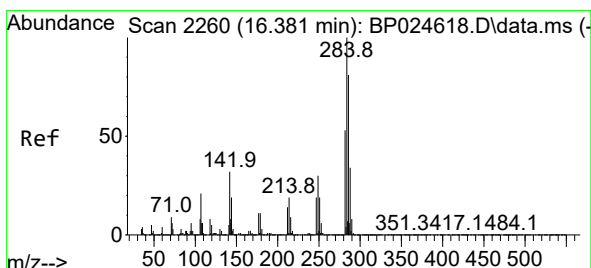
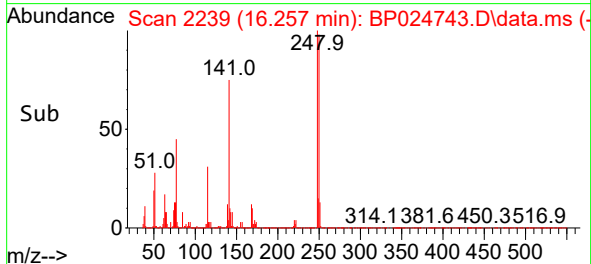
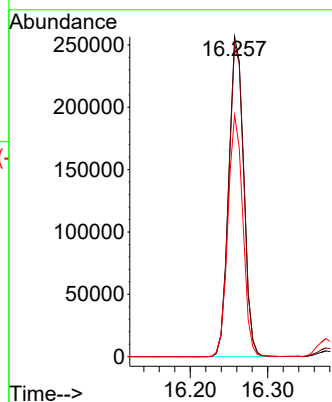
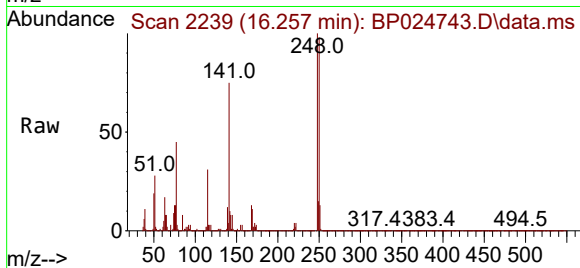




#67
4-Bromophenyl-phenylether
Concen: 50.638 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

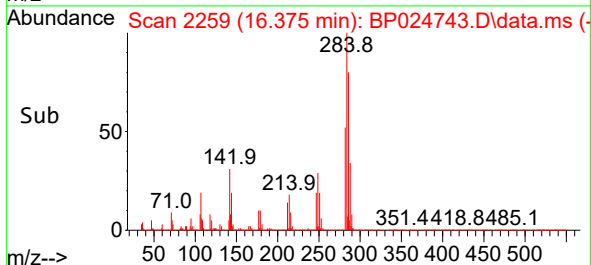
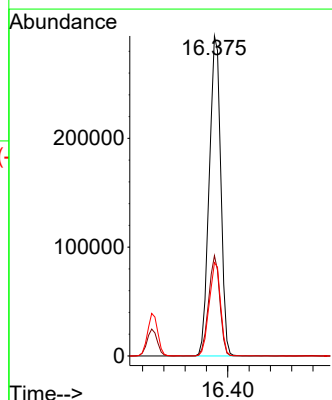
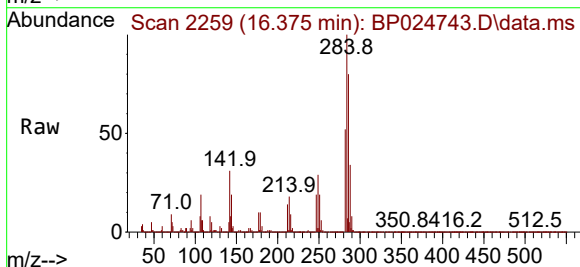
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

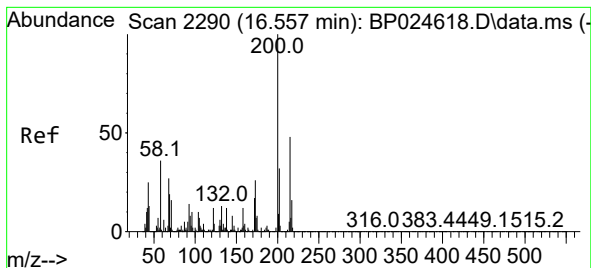
Tgt Ion:248 Resp: 345211
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 75.5 63.0 94.6



#68
Hexachlorobenzene
Concen: 50.861 ng
RT: 16.375 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:284 Resp: 440584
Ion Ratio Lower Upper
284 100
142 31.4 25.9 38.9
249 29.2 24.1 36.1





#69

Atrazine

Concen: 52.159 ng

RT: 16.557 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

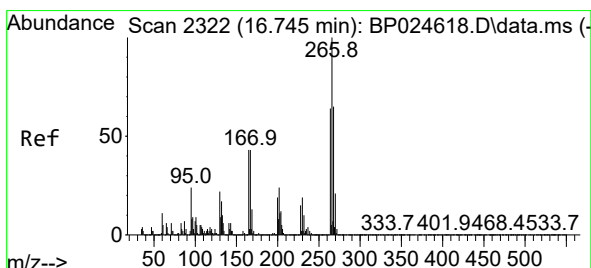
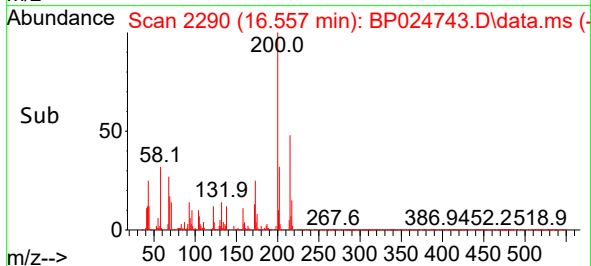
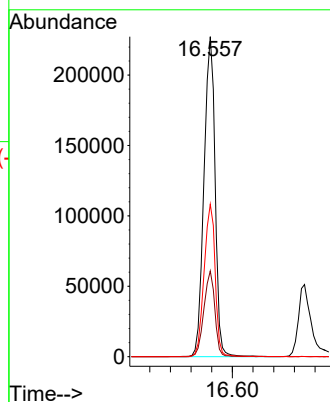
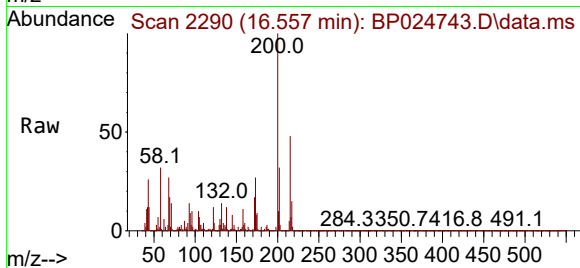
Tgt Ion:200 Resp: 339678

Ion Ratio Lower Upper

200 100

173 26.8 5.9 45.9

215 47.6 28.3 68.3



#70

Pentachlorophenol

Concen: 110.562 ng

RT: 16.740 min Scan# 2321

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

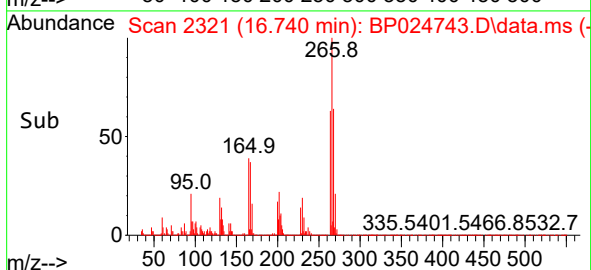
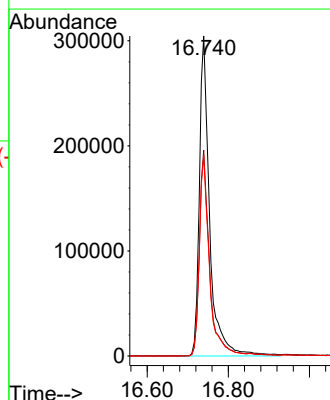
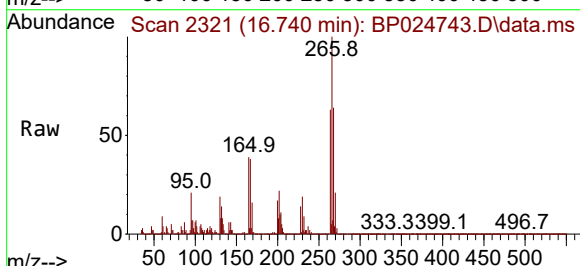
Tgt Ion:266 Resp: 537629

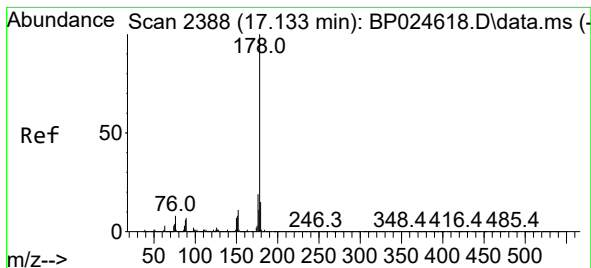
Ion Ratio Lower Upper

266 100

268 64.3 52.2 78.4

264 62.7 51.1 76.7





#71

Phenanthrene

Concen: 48.769 ng

RT: 17.134 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

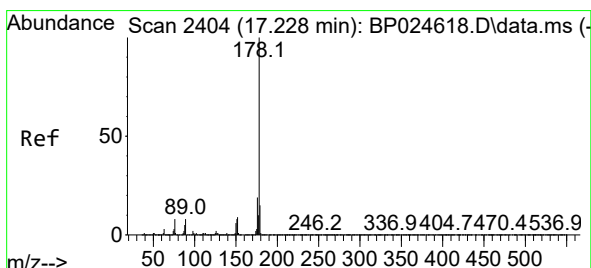
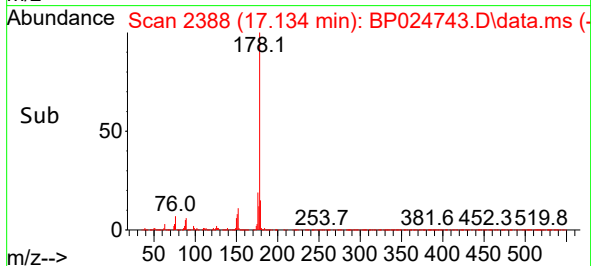
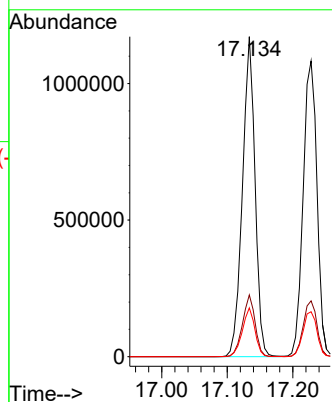
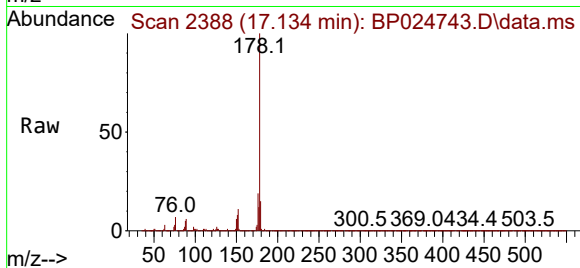
Tgt Ion:178 Resp: 1568514

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 48.965 ng

RT: 17.228 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

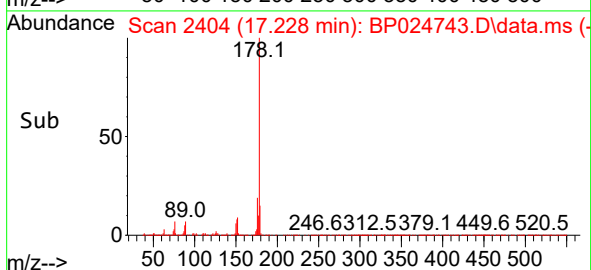
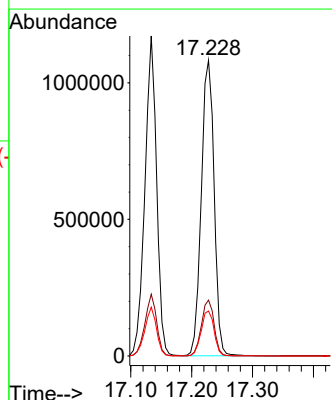
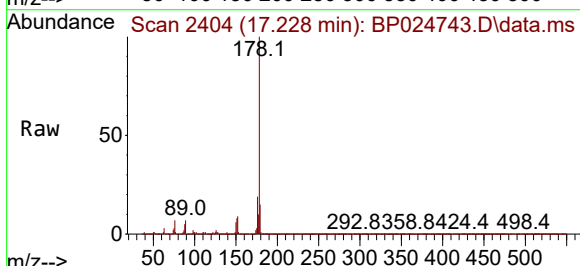
Tgt Ion:178 Resp: 1584418

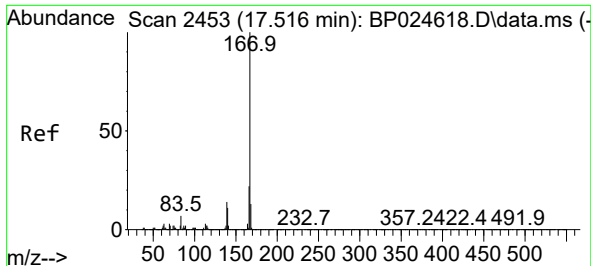
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.2 12.2 18.2

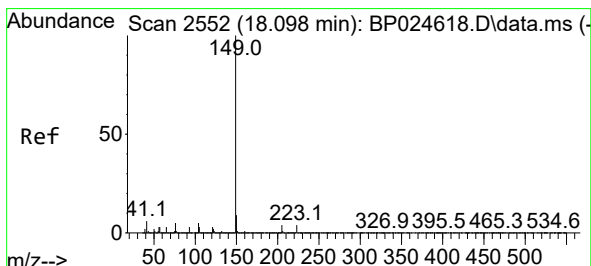
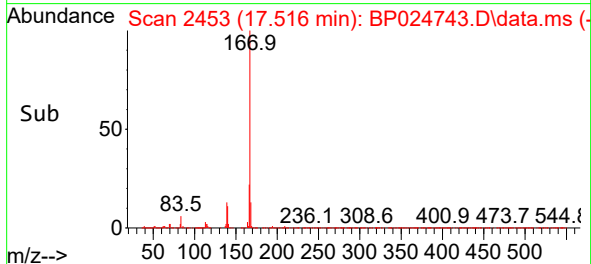
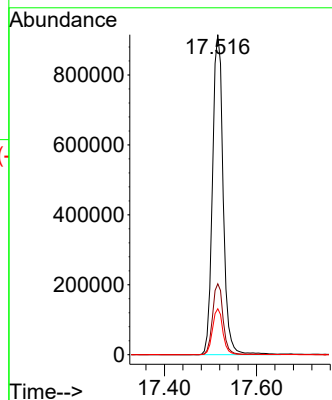
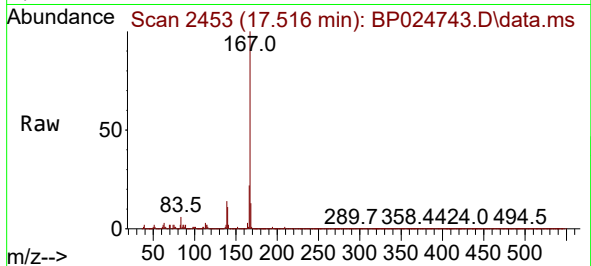




#73
 Carbazole
 Concen: 50.289 ng
 RT: 17.516 min Scan# 2453
 Delta R.T. 0.000 min
 Lab File: BP024743.D
 Acq: 21 May 2025 18:55

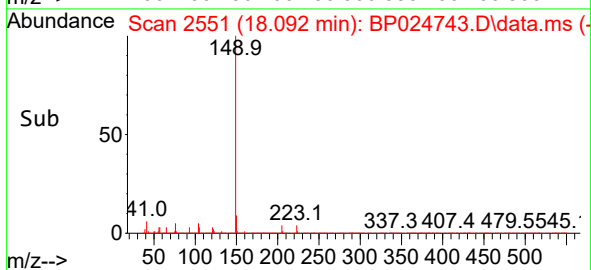
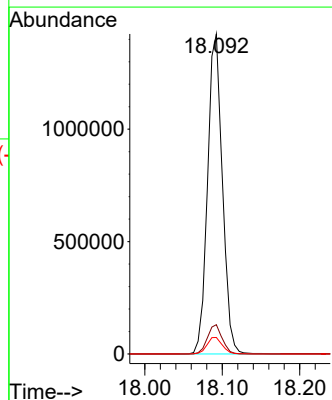
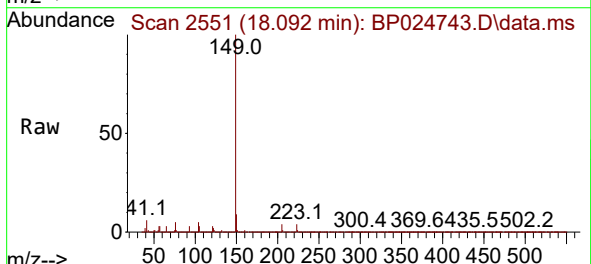
Instrument :
 BNA_P
 ClientSampleId :
 TP-BMSD

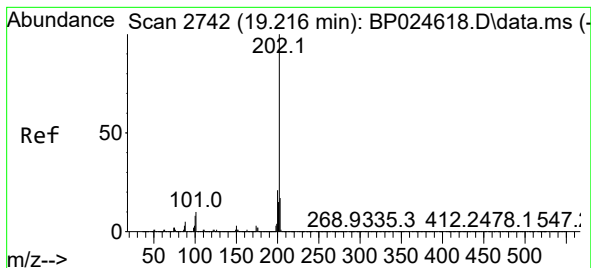
Tgt Ion:167 Resp: 1472840
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 14.4 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 50.125 ng
 RT: 18.092 min Scan# 2551
 Delta R.T. -0.006 min
 Lab File: BP024743.D
 Acq: 21 May 2025 18:55

Tgt Ion:149 Resp: 1888032
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 50.549 ng

RT: 19.216 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

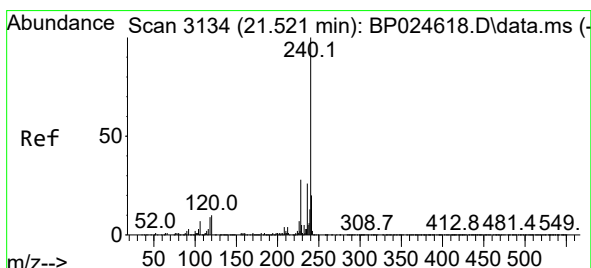
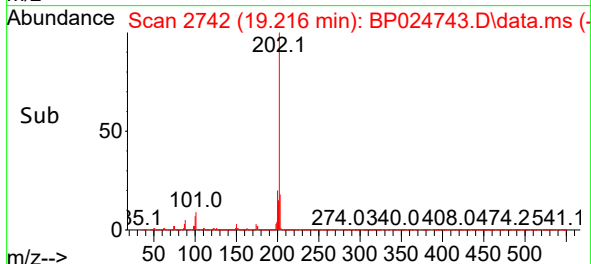
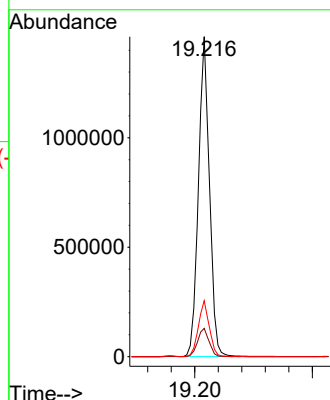
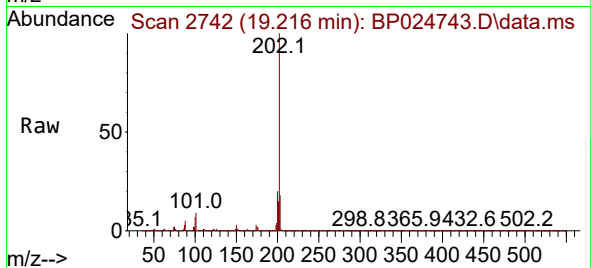
Tgt Ion:202 Resp: 1900395

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

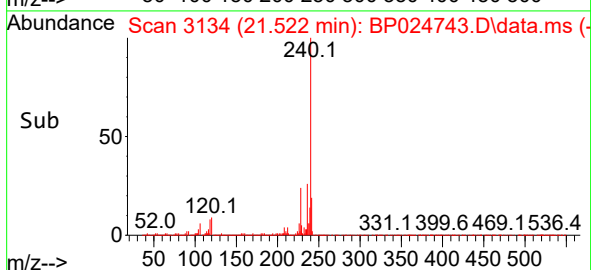
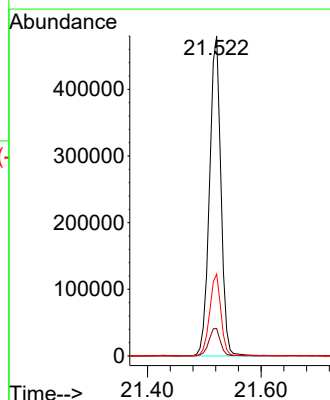
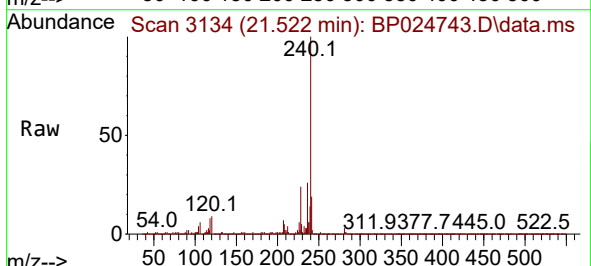
Tgt Ion:240 Resp: 665040

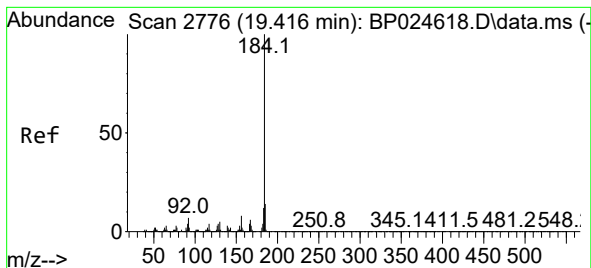
Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.6

236 25.6 20.6 31.0





#77

Benzidine

Concen: 14.875 ng

RT: 19.428 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

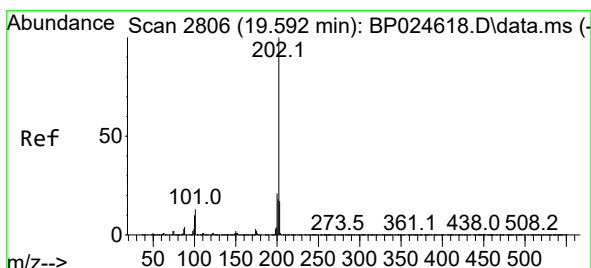
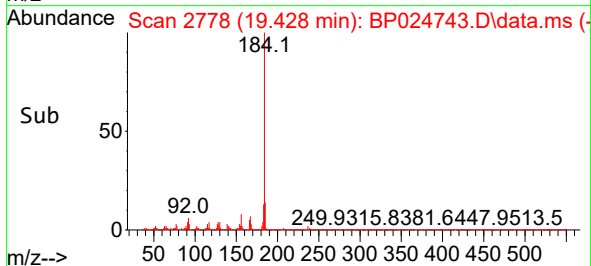
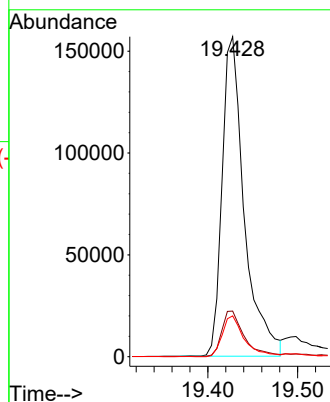
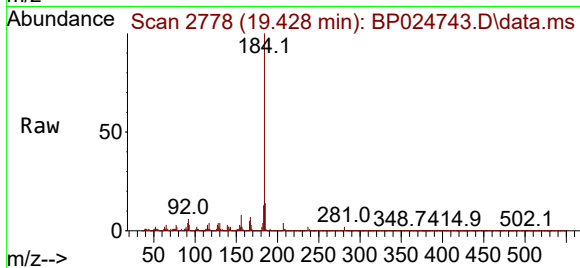
Tgt Ion:184 Resp: 269423

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 12.7 9.8 14.8



#78

Pyrene

Concen: 49.220 ng

RT: 19.592 min Scan# 2806

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

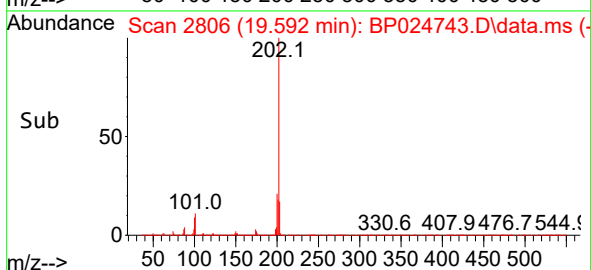
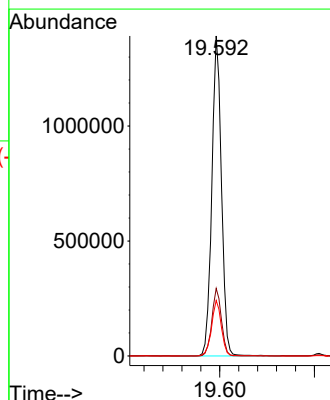
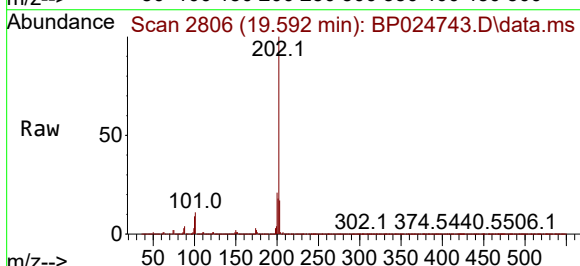
Tgt Ion:202 Resp: 1961291

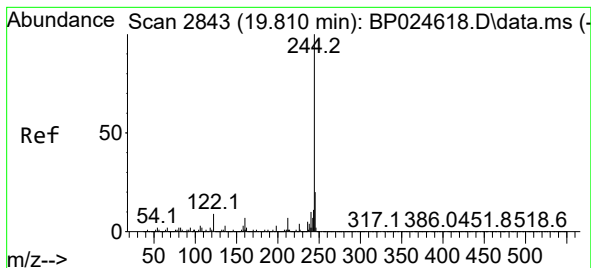
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 84.676 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

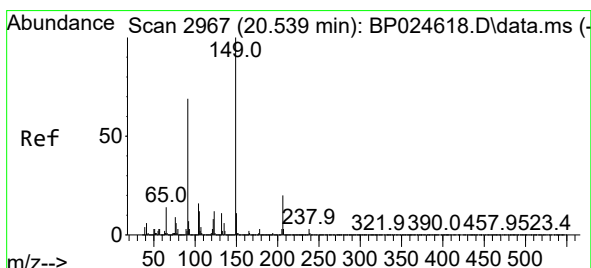
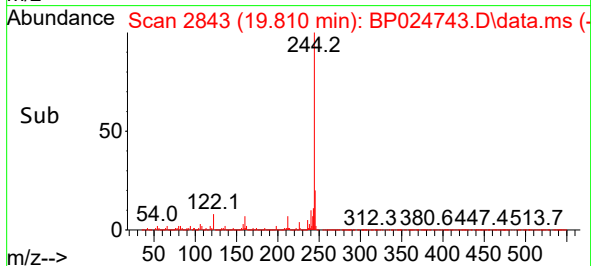
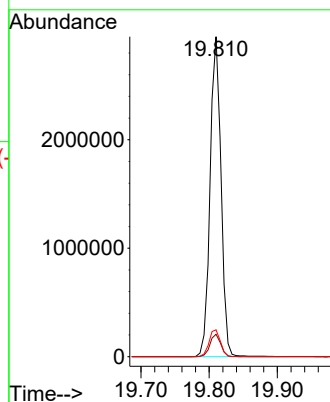
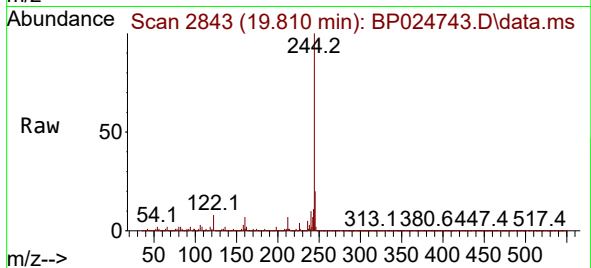
Tgt Ion:244 Resp: 3284120

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.4 7.4 11.0



#80

Butylbenzylphthalate

Concen: 50.394 ng

RT: 20.539 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

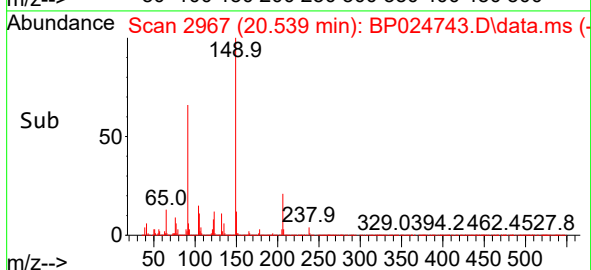
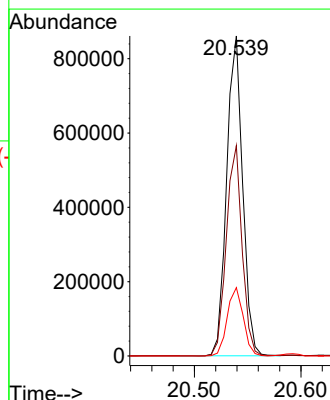
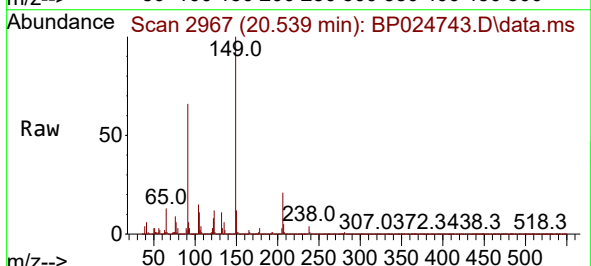
Tgt Ion:149 Resp: 893086

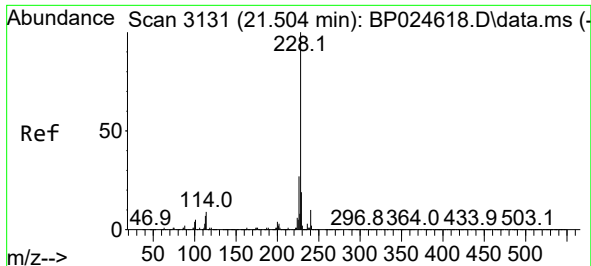
Ion Ratio Lower Upper

149 100

91 65.7 55.4 83.0

206 21.4 16.2 24.2

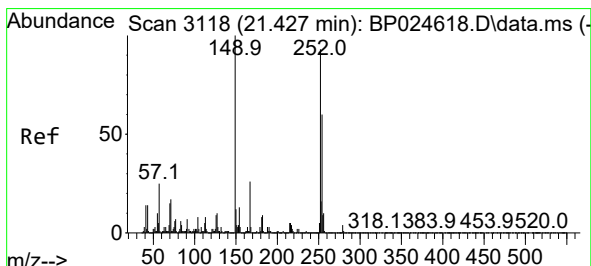
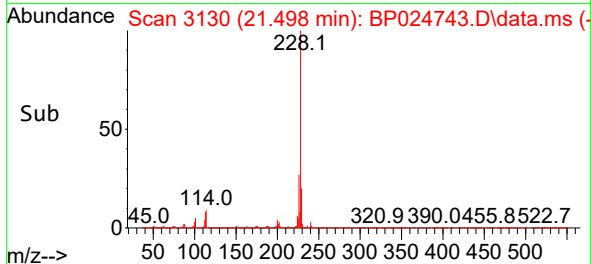
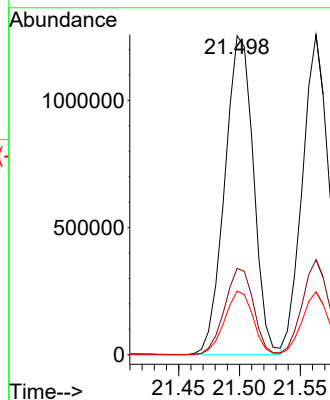
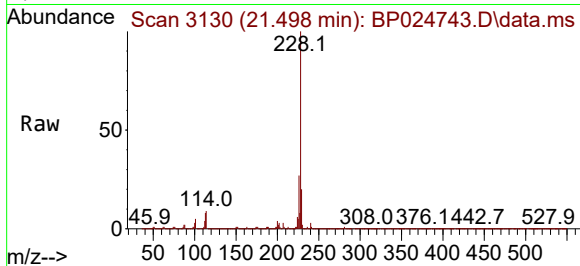




#81
Benzo(a)anthracene
Concen: 49.357 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

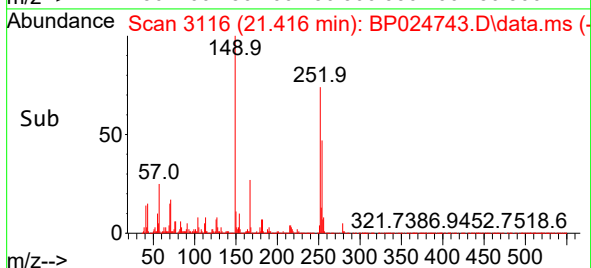
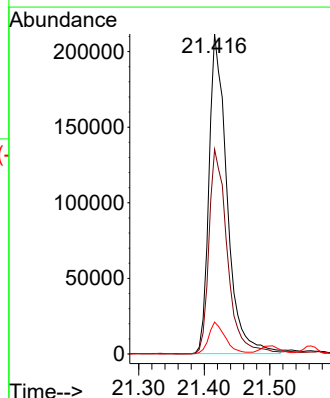
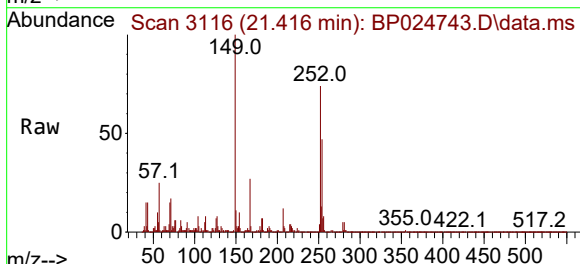
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

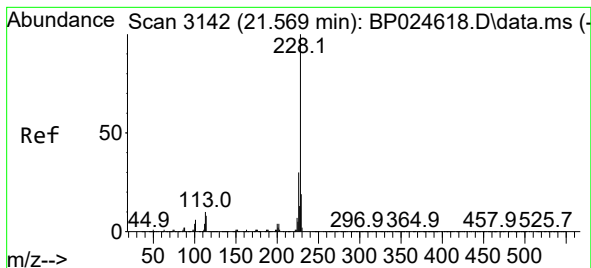
Tgt Ion:228 Resp: 2061105
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 26.081 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:252 Resp: 404516
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.6
126 10.0 7.7 11.5





#83

Chrysene

Concen: 48.145 ng

RT: 21.563 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

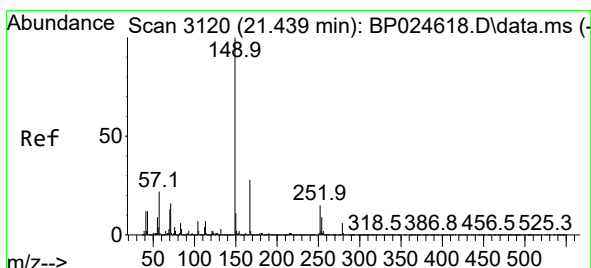
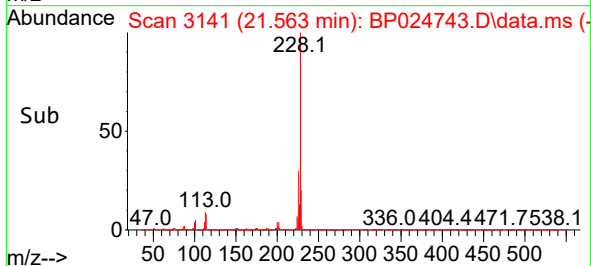
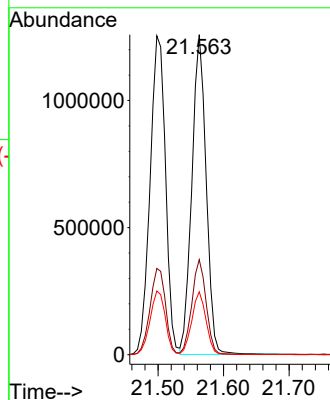
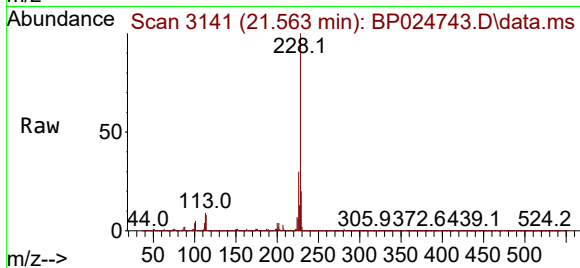
Tgt Ion:228 Resp: 1905852

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.133 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

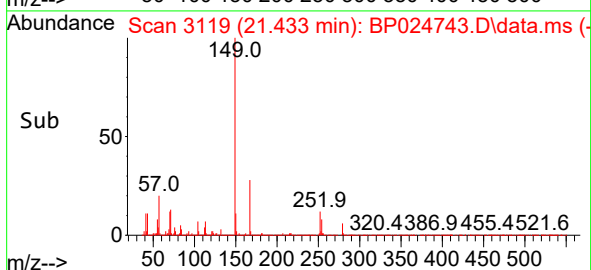
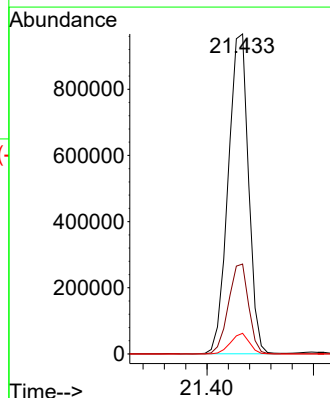
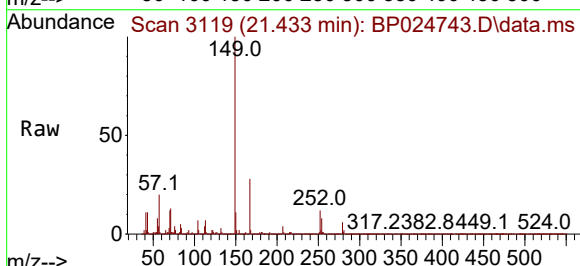
Tgt Ion:149 Resp: 1279828

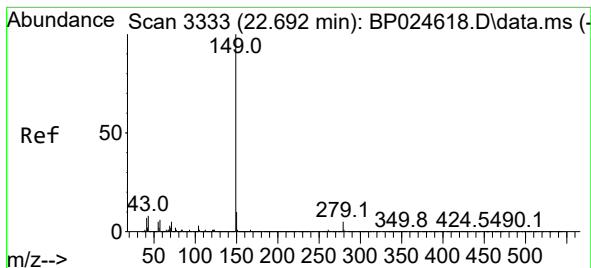
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 6.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 50.652 ng

RT: 22.680 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

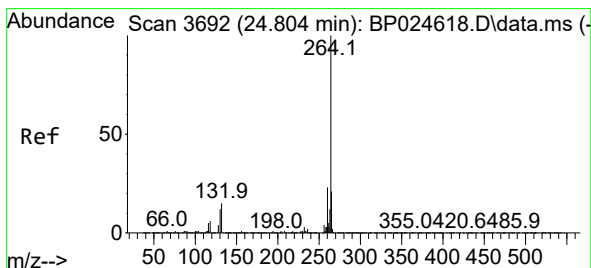
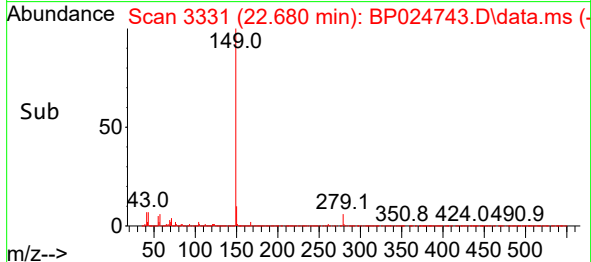
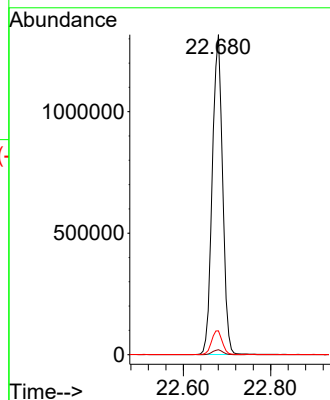
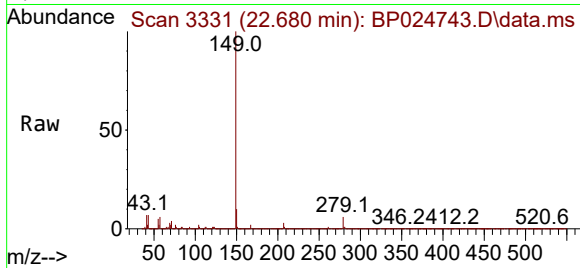
Tgt Ion:149 Resp: 2157546

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.7 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 3688

Delta R.T. -0.023 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

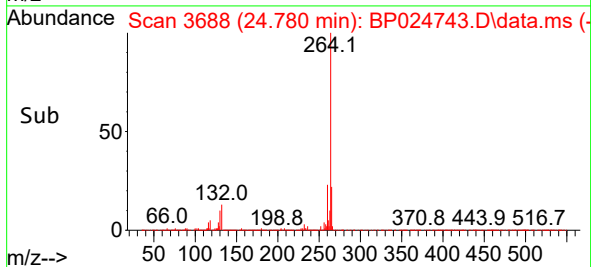
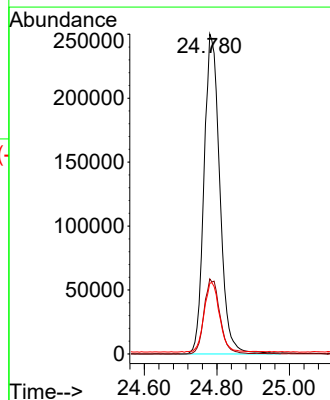
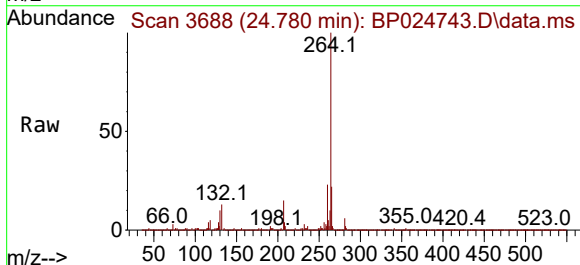
Tgt Ion:264 Resp: 753592

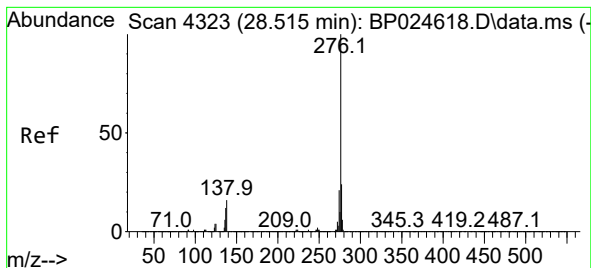
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.043 ng

RT: 28.504 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

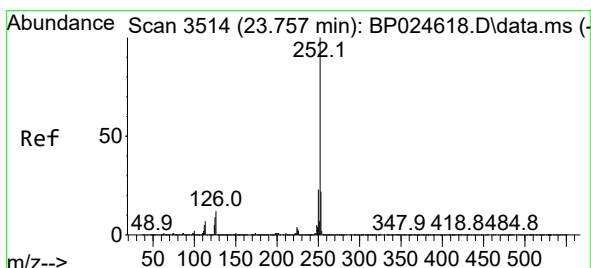
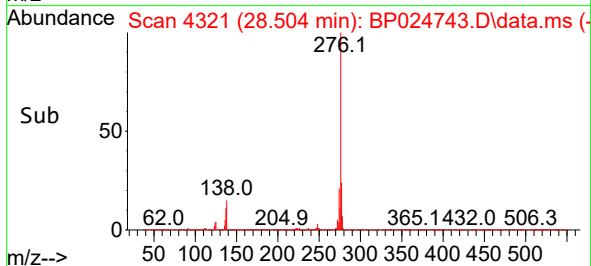
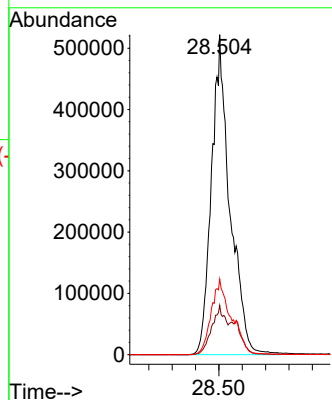
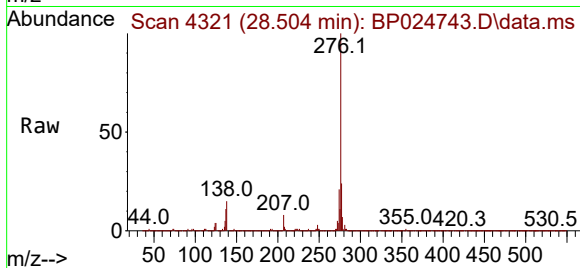
Tgt Ion:276 Resp: 2863218

Ion Ratio Lower Upper

276 100

138 11.5 11.2 16.8

277 25.5 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 51.611 ng

RT: 23.757 min Scan# 3514

Delta R.T. 0.000 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

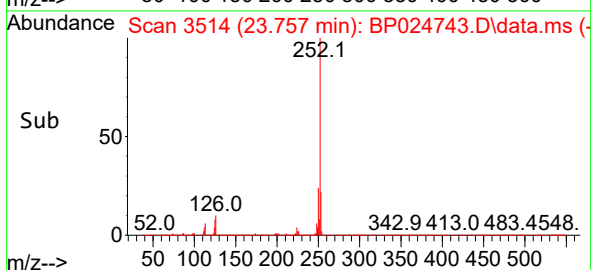
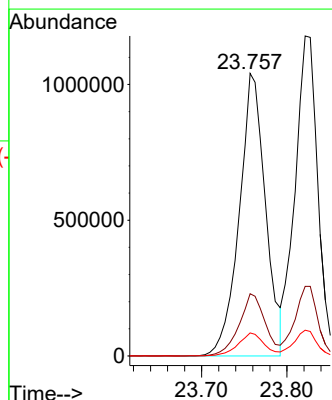
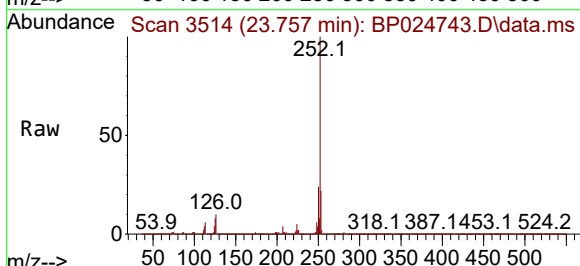
Tgt Ion:252 Resp: 2226192

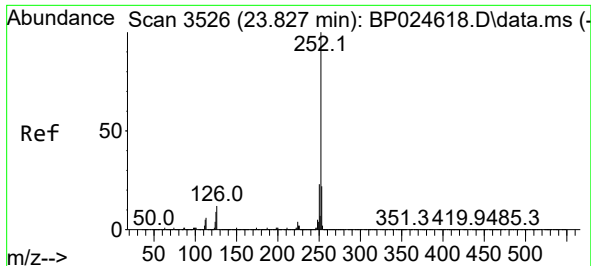
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.2 7.5 11.3

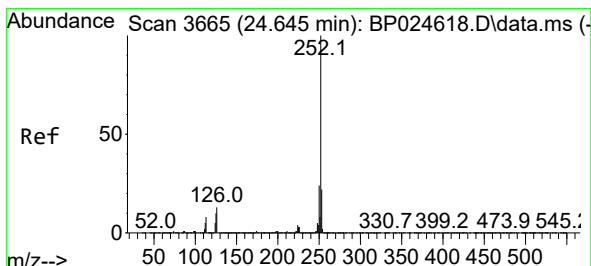
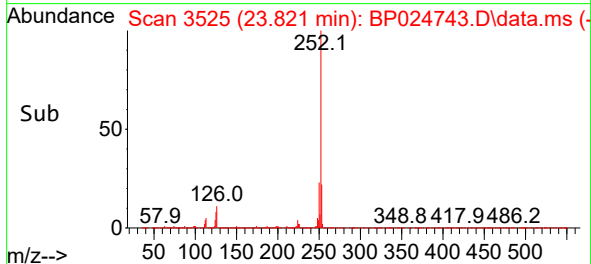
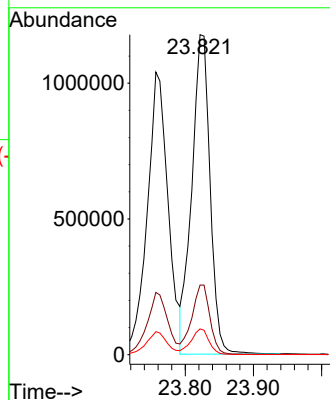
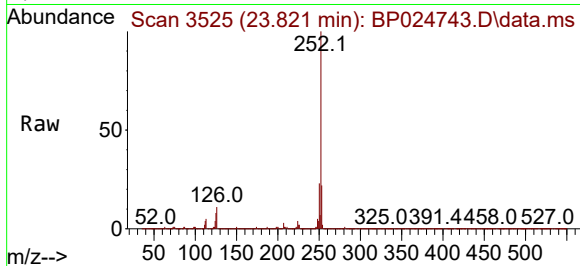




#89
Benzo(k)fluoranthene
Concen: 49.252 ng
RT: 23.821 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

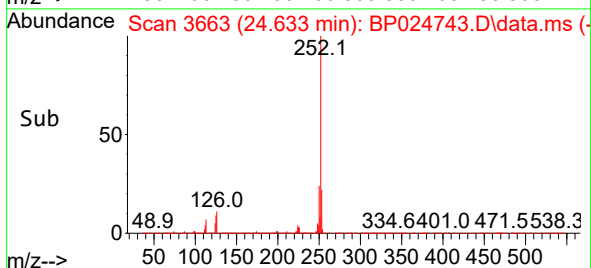
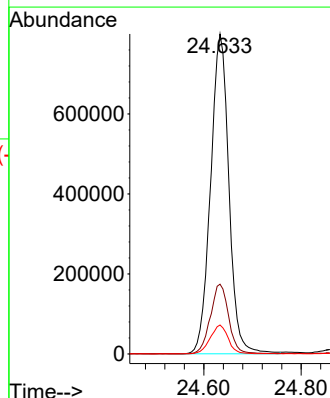
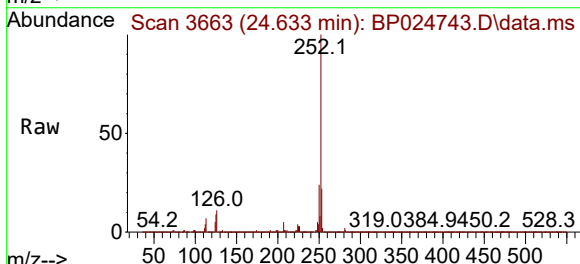
Instrument :
BNA_P
ClientSampleId :
TP-BMSD

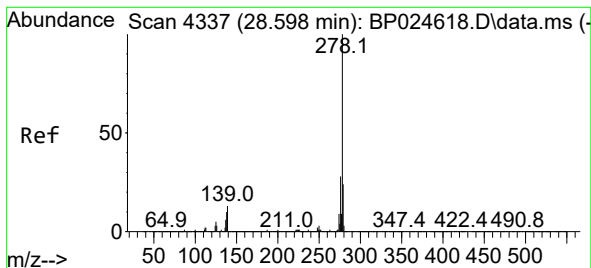
Tgt Ion:252 Resp: 2189129
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.1 7.0 10.4



#90
Benzo(a)pyrene
Concen: 50.322 ng
RT: 24.633 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP024743.D
Acq: 21 May 2025 18:55

Tgt Ion:252 Resp: 2084687
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.0 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 52.517 ng

RT: 28.574 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

TP-BMSD

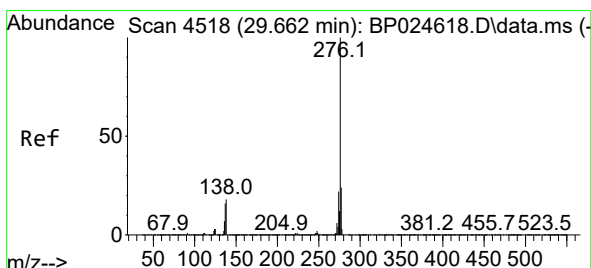
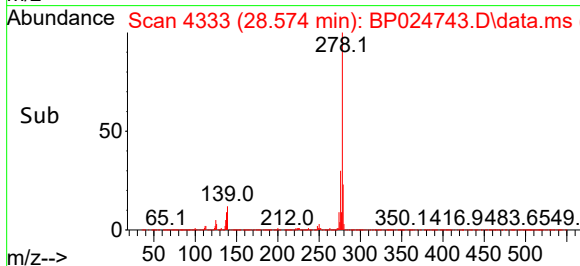
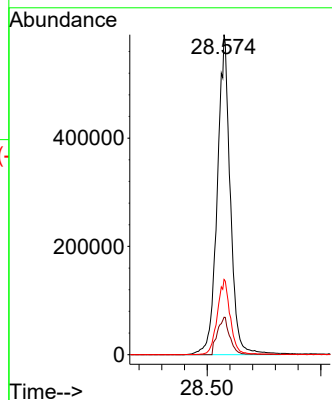
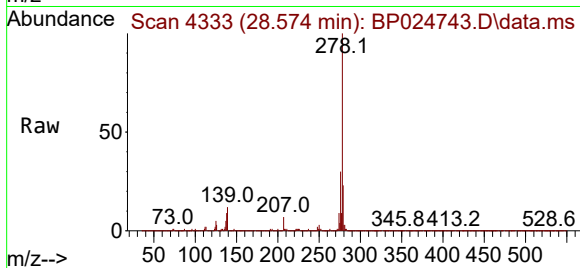
Tgt Ion:278 Resp: 2350545

Ion Ratio Lower Upper

278 100

139 11.7 10.2 15.4

279 23.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 51.709 ng

RT: 29.656 min Scan# 4517

Delta R.T. -0.006 min

Lab File: BP024743.D

Acq: 21 May 2025 18:55

Tgt Ion:276 Resp: 2301511

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 15.2 14.4 21.6

