

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024666.D
 Acq On : 16 May 2025 21:03
 Operator : RC/JU
 Sample : Q2019-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-KMSD

Quant Time: May 17 00:47:38 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	7.663	152	154221	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	604431	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	384414	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	774001	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	841480	20.000	ng	0.00
86) Perylene-d12	24.810	264	998856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	1151765	127.735	ng	0.02
7) Phenol-d6	6.881	99	1322050	114.882	ng	0.03
23) Nitrobenzene-d5	8.810	82	943373	78.860	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	912668	140.046	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2271515	77.416	ng	0.00
79) Terphenyl-d14	19.816	244	4177183	85.119	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	141825	33.496	ng	# 59
3) Pyridine	3.634	79	304277	32.410	ng	98
4) n-Nitrosodimethylamine	3.540	42	155323	37.475	ng	98
6) Aniline	7.005	93	285913	19.243	ng	99
8) 2-Chlorophenol	7.252	128	457780	44.722	ng	97
9) Benzaldehyde	6.822	77	179050	24.035	ng	99
10) Phenol	6.911	94	472580	39.787	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	401328	41.120	ng	99
12) 1,3-Dichlorobenzene	7.552	146	449065	38.132	ng	98
13) 1,4-Dichlorobenzene	7.699	146	459046	38.756	ng	100
14) 1,2-Dichlorobenzene	8.011	146	448057	38.821	ng	99
15) Benzyl Alcohol	7.916	79	397920	45.502	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	453274	38.780	ng	99
17) 2-Methylphenol	8.134	107	367588	43.149	ng	99
18) Hexachloroethane	8.722	117	166606	36.706	ng	98
19) n-Nitroso-di-n-propyla...	8.463	70	309373	38.864	ng	99
20) 3+4-Methylphenols	8.463	107	491896	42.448	ng	# 82
22) Acetophenone	8.481	105	661821	43.834	ng	# 99
24) Nitrobenzene	8.852	77	453771	43.104	ng	96
25) Isophorone	9.375	82	873767	42.108	ng	98
26) 2-Nitrophenol	9.557	139	249194	48.307	ng	99
27) 2,4-Dimethylphenol	9.634	122	438016	48.160	ng	98
28) bis(2-Chloroethoxy)met...	9.846	93	535751	43.215	ng	99
29) 2,4-Dichlorophenol	10.116	162	432184	49.036	ng	97
30) 1,2,4-Trichlorobenzene	10.293	180	424038	42.694	ng	97
31) Naphthalene	10.475	128	1346705	42.995	ng	100
32) Benzoic acid	9.822	122	188113	32.556	ng	97
33) 4-Chloroaniline	10.604	127	141170	11.169	ng	99
34) Hexachlorobutadiene	10.757	225	270108	41.981	ng	97
35) Caprolactam	11.399	113	127337	39.933	ng	100
36) 4-Chloro-3-methylphenol	11.763	107	514919	47.908	ng	97
37) 2-Methylnaphthalene	12.087	142	884297	43.601	ng	100
38) 1-Methylnaphthalene	12.310	142	933658	43.025	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	503994	45.149	ng	99
41) Hexachlorocyclopentadiene	12.440	237	479434	70.830	ng	96
43) 2,4,6-Trichlorophenol	12.722	196	358176	49.538	ng	99

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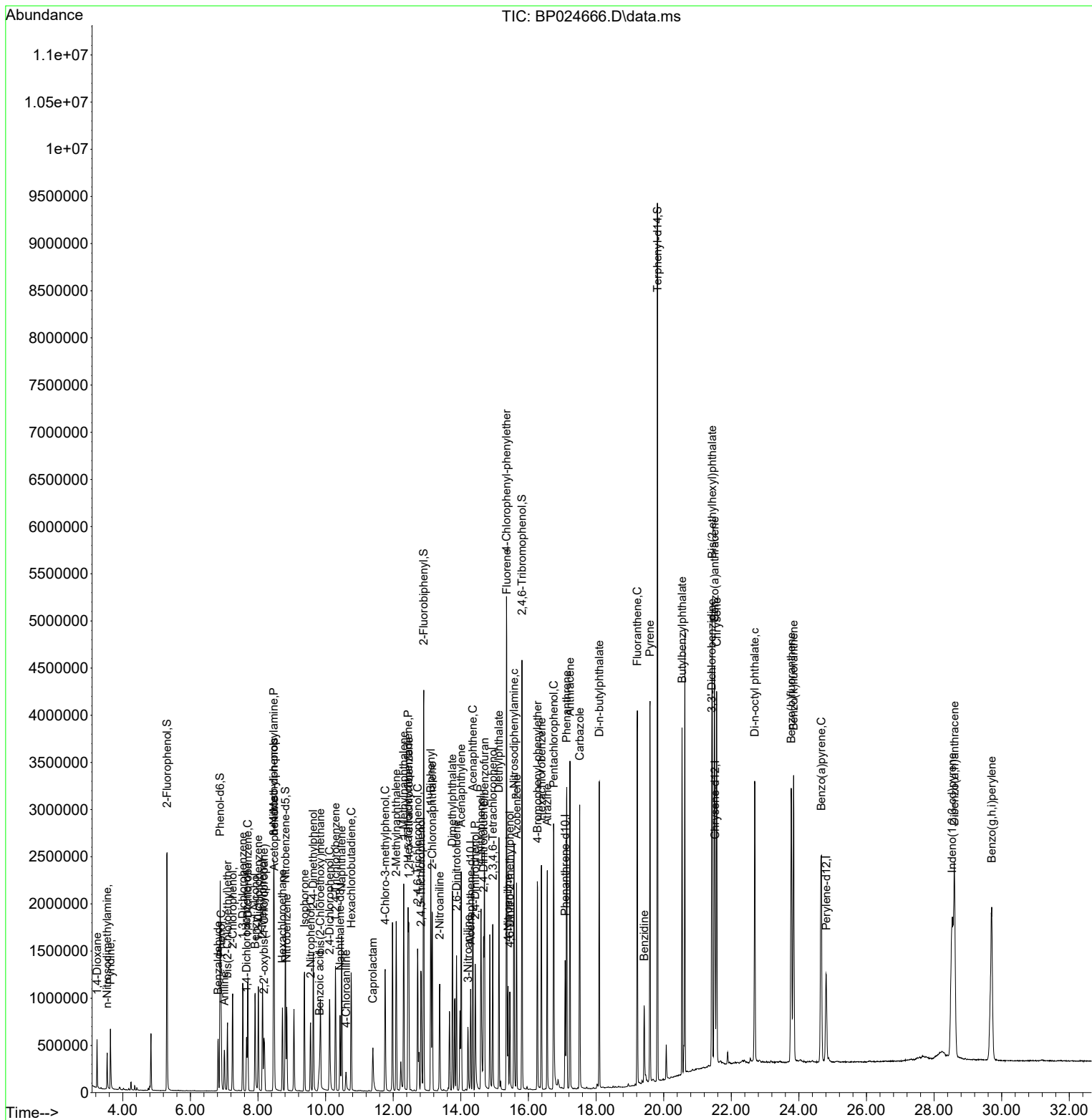
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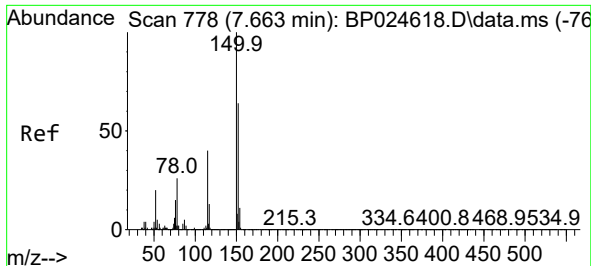
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	397360	49.372	ng	97
46) 1,1'-Biphenyl	13.110	154	1287327	45.309	ng	100
47) 2-Chloronaphthalene	13.157	162	987024	45.561	ng	99
48) 2-Nitroaniline	13.375	65	312578	48.736	ng	95
49) Acenaphthylene	14.010	152	1671169	46.096	ng	99
50) Dimethylphthalate	13.751	163	1361550	46.469	ng	99
51) 2,6-Dinitrotoluene	13.875	165	296115	47.853	ng	98
52) Acenaphthene	14.357	154	931599	44.699	ng	100
53) 3-Nitroaniline	14.210	138	189551	30.000	ng	99
54) 2,4-Dinitrophenol	14.428	184	351026	89.162	ng	99
55) Dibenzofuran	14.698	168	1508097	45.365	ng	99
56) 4-Nitrophenol	14.598	139	432882	79.181	ng	97
57) 2,4-Dinitrotoluene	14.675	165	430890	49.391	ng	94
58) Fluorene	15.357	166	1252465	46.205	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	347131	46.495	ng	98
60) Diethylphthalate	15.128	149	1388549	46.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	624092	46.167	ng	99
62) 4-Nitroaniline	15.398	138	288844	47.344	ng	97
63) Azobenzene	15.651	77	1145992	45.235	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	243419	48.688	ng	99
66) n-Nitrosodiphenylamine	15.575	169	1117905	47.022	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	434579	47.649	ng	96
68) Hexachlorobenzene	16.387	284	540912	46.674	ng	95
69) Atrazine	16.557	200	416623	47.818	ng	99
70) Pentachlorophenol	16.751	266	646283	99.344	ng	99
71) Phenanthrene	17.134	178	2024358	47.048	ng	100
72) Anthracene	17.228	178	2047288	47.292	ng	99
73) Carbazole	17.516	167	1933058	49.335	ng	99
74) Di-n-butylphthalate	18.098	149	2458034	48.778	ng	99
75) Fluoranthene	19.222	202	2392754	47.573	ng	99
77) Benzidine	19.422	184	565834	24.689	ng	100
78) Pyrene	19.598	202	2474599	49.080	ng	100
80) Butylbenzylphthalate	20.545	149	1150021	51.286	ng	97
81) Benzo(a)anthracene	21.504	228	2495117	47.222	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	785964	40.049	ng	100
83) Chrysene	21.569	228	2329973	46.518	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1629692	49.446	ng	99
85) Di-n-octyl phthalate	22.692	149	2823944	52.395	ng	99
87) Indeno(1,2,3-cd)pyrene	28.533	276	3517921	48.242	ng	98
88) Benzo(b)fluoranthene	23.774	252	2692797	47.099	ng	99
89) Benzo(k)fluoranthene	23.845	252	2635381	44.733	ng	99
90) Benzo(a)pyrene	24.668	252	2568096	46.769	ng	99
91) Dibenzo(a,h)anthracene	28.604	278	2917615	49.180	ng	99
92) Benzo(g,h,i)perylene	29.703	276	2855801	48.407	ng	100

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

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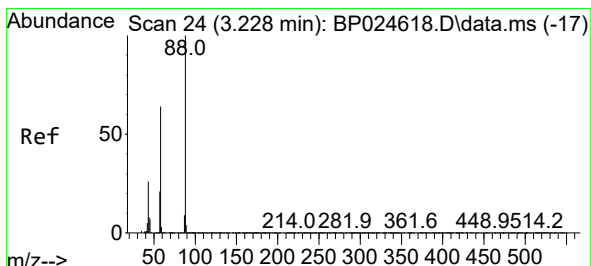
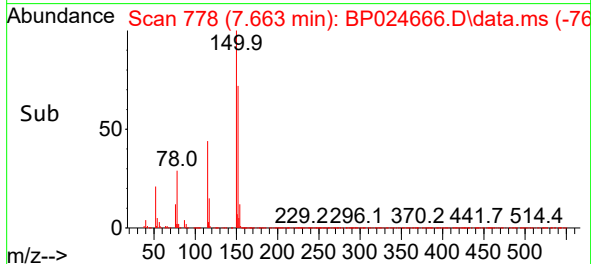
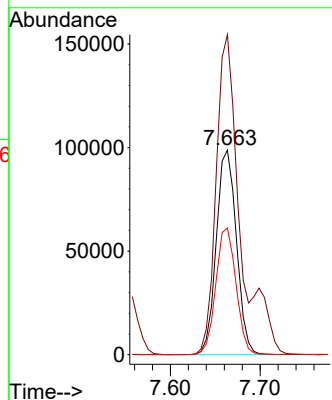
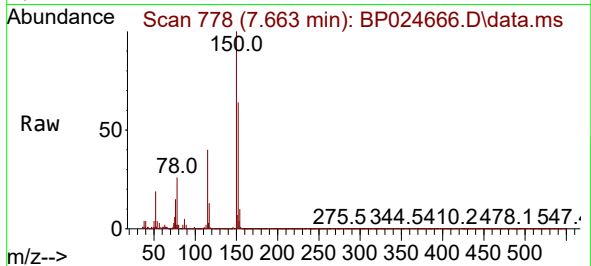




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

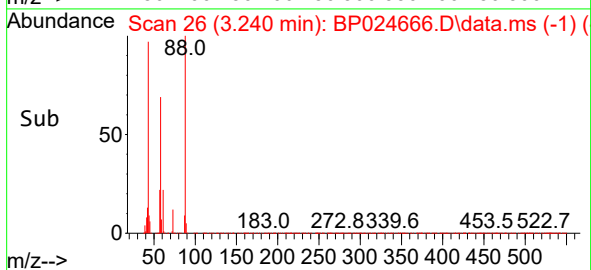
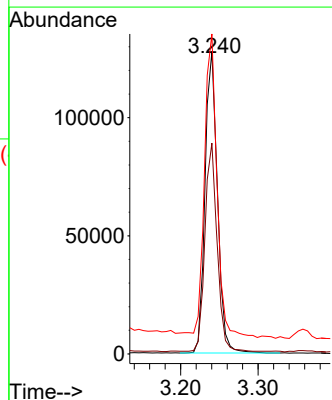
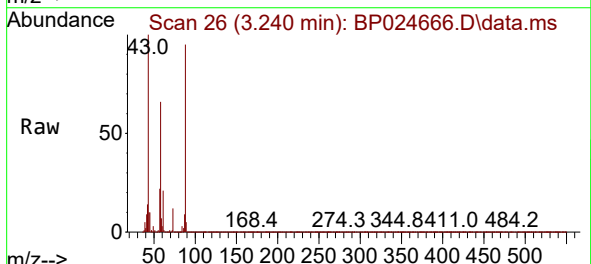
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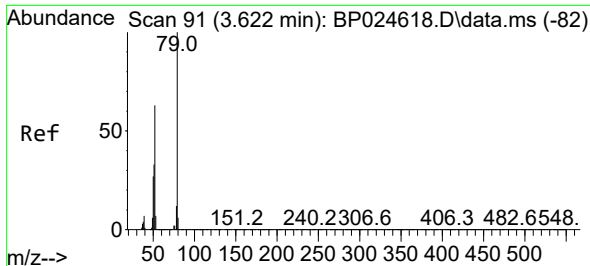
Tgt Ion:152 Resp: 154221
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 61.9 50.1 75.1



#2
1,4-Dioxane
Concen: 33.496 ng
RT: 3.240 min Scan# 26
Delta R.T. 0.012 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 88 Resp: 141825
Ion Ratio Lower Upper
88 100
58 67.5 54.0 81.0
43 102.1 21.4 32.0#

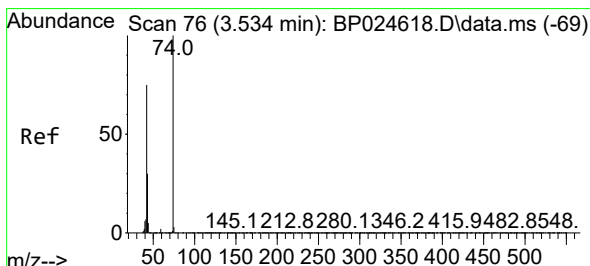
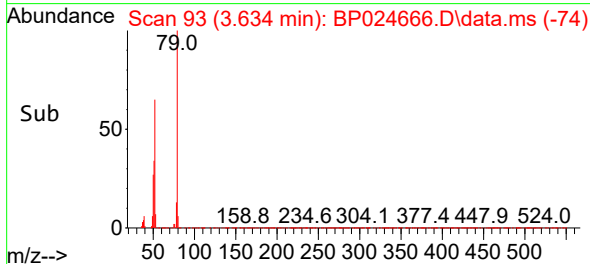
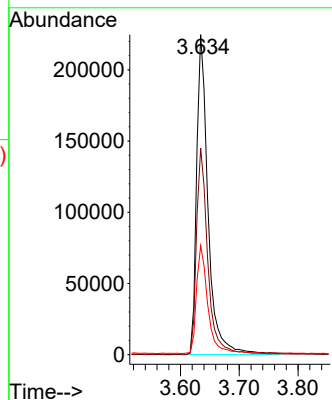
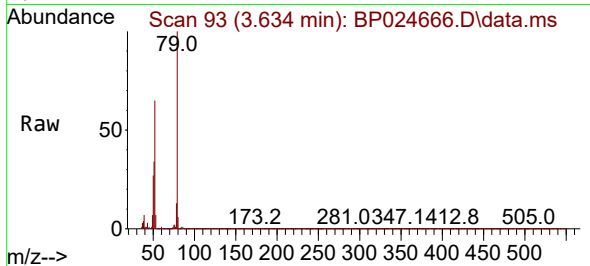




#3
Pyridine
Concen: 32.410 ng
RT: 3.634 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

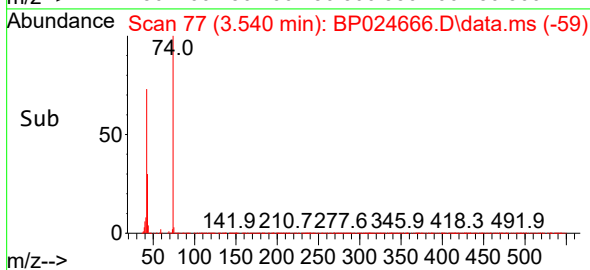
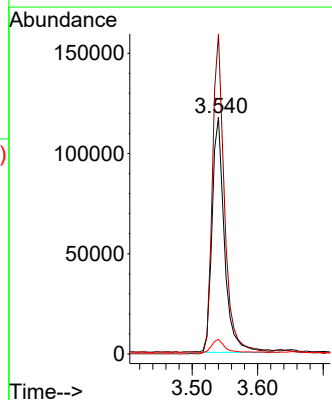
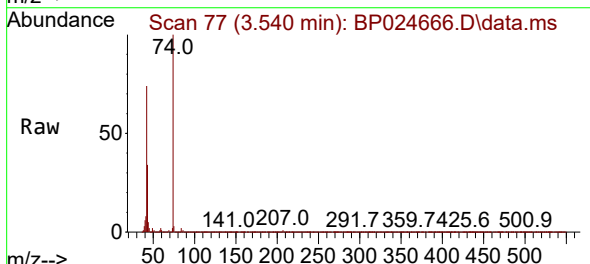
Instrument :
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ClientSampleId :
MH-KMSD

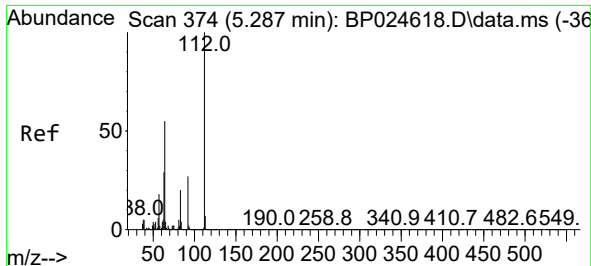
Tgt Ion: 79 Resp: 304277
Ion Ratio Lower Upper
79 100
52 64.5 50.2 75.2
51 34.0 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 37.475 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 42 Resp: 155323
Ion Ratio Lower Upper
42 100
74 135.2 106.2 159.2
44 6.2 5.4 8.2

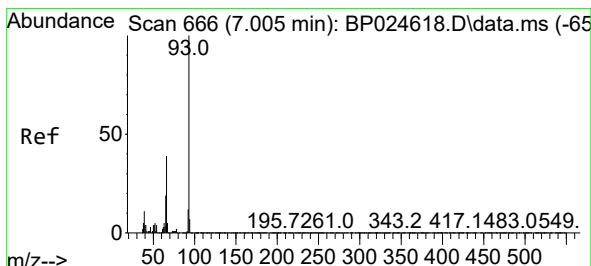
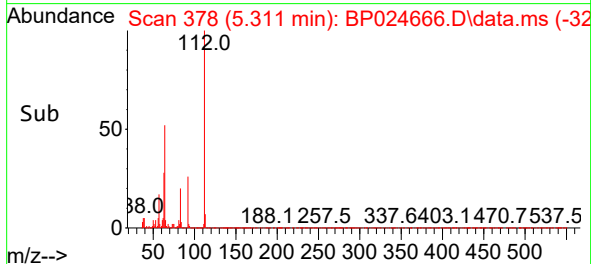
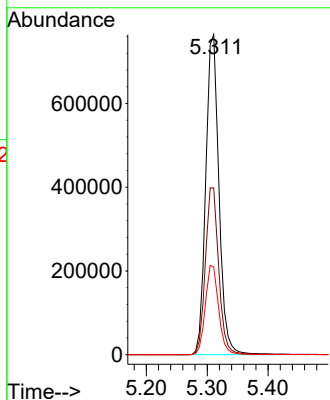
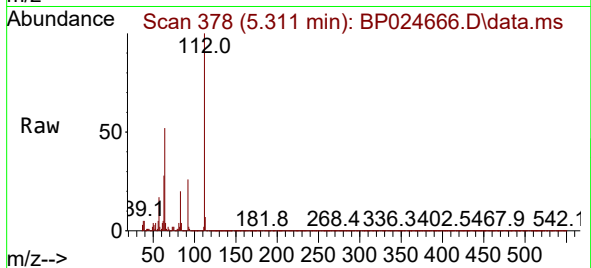




#5
2-Fluorophenol
Concen: 127.735 ng
RT: 5.311 min Scan# 311
Delta R.T. 0.024 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

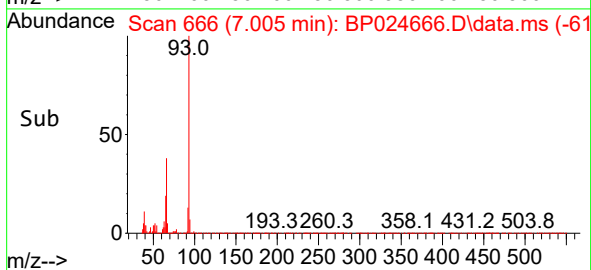
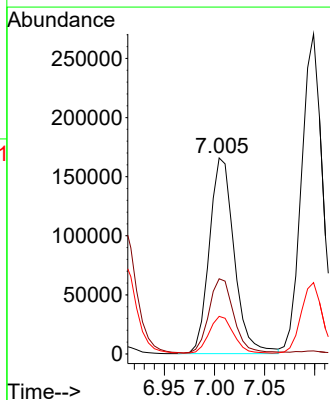
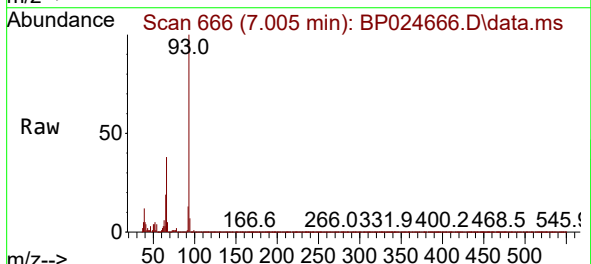
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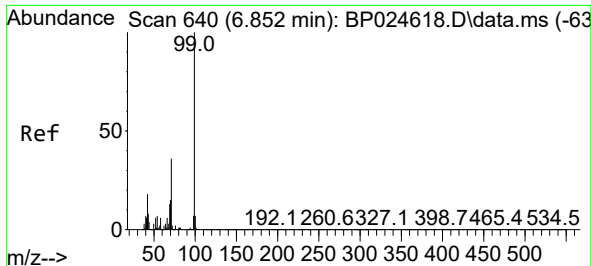
Tgt Ion:112 Resp: 1151765
Ion Ratio Lower Upper
112 100
64 52.1 44.1 66.1
63 27.5 23.5 35.3



#6
Aniline
Concen: 19.243 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 93 Resp: 285913
Ion Ratio Lower Upper
93 100
66 38.4 31.0 46.6
65 19.2 15.5 23.3

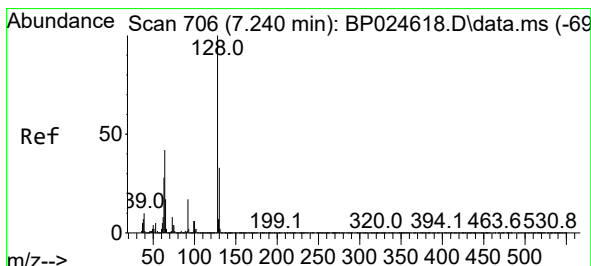
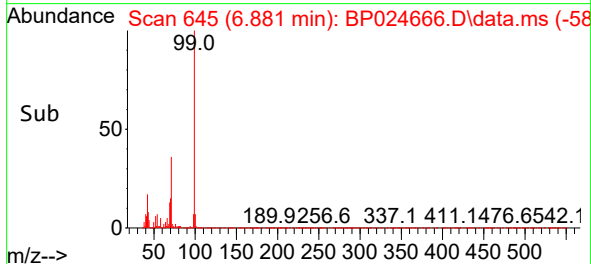
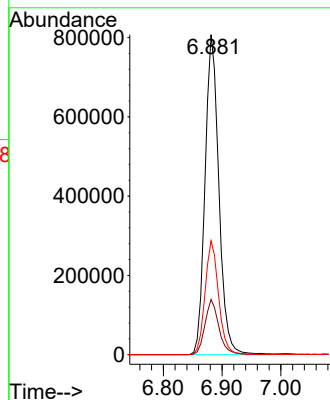
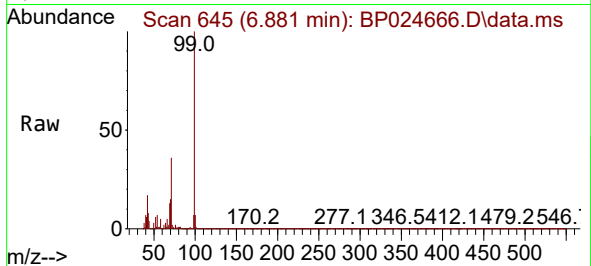




#7
Phenol-d6
Concen: 114.882 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.029 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

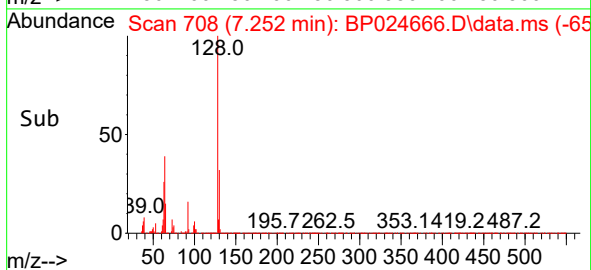
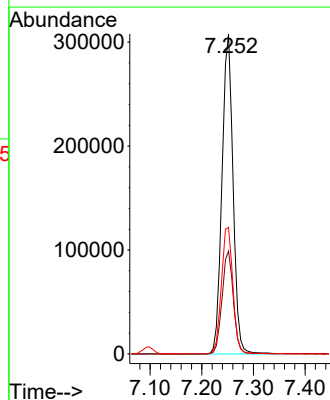
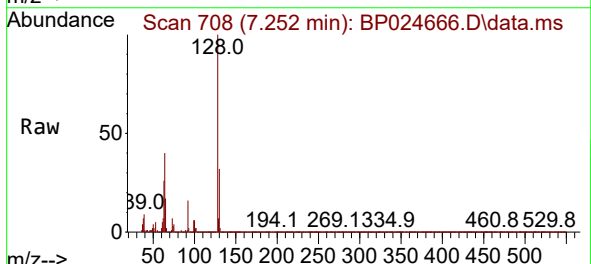
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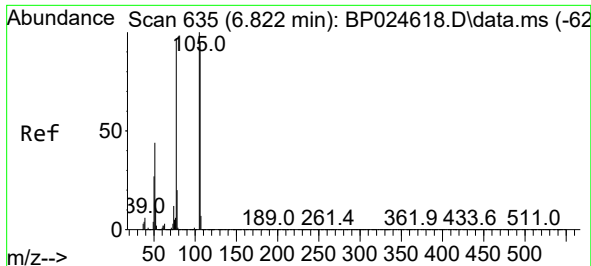
Tgt Ion: 99 Resp: 1322050
Ion Ratio Lower Upper
99 100
42 17.3 14.4 21.6
71 35.6 29.2 43.8



#8
2-Chlorophenol
Concen: 44.722 ng
RT: 7.252 min Scan# 708
Delta R.T. 0.012 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 128 Resp: 457780
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 39.5 22.3 62.3

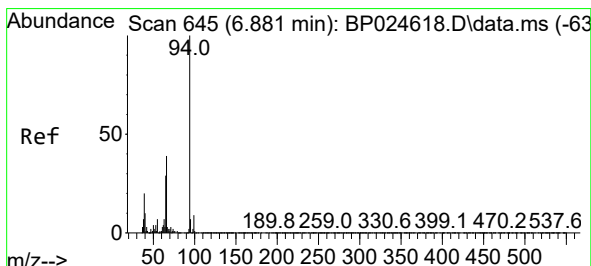
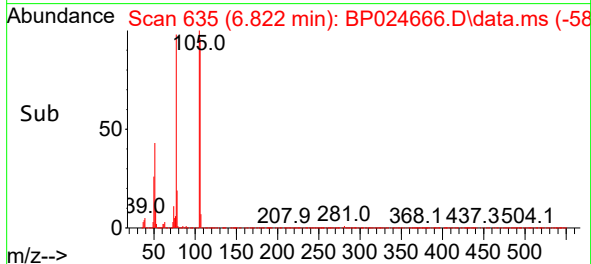
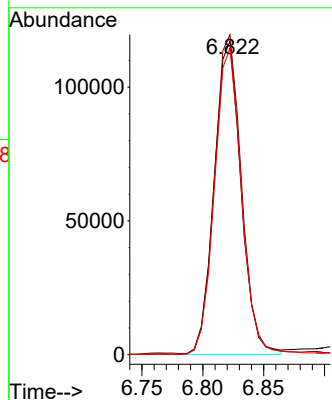
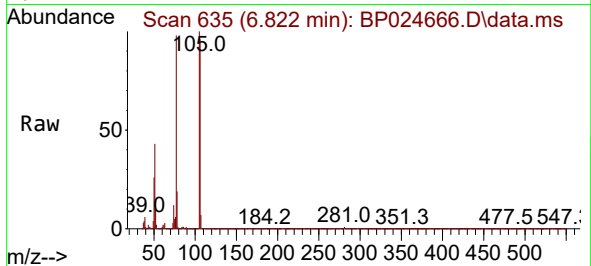




#9
Benzaldehyde
Concen: 24.035 ng
RT: 6.822 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

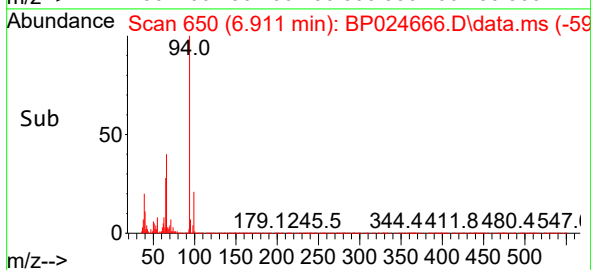
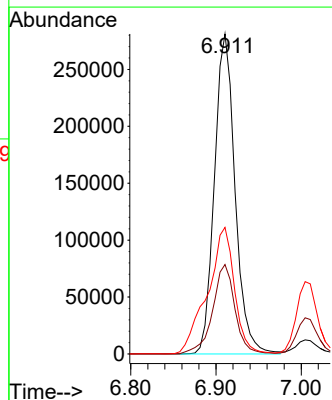
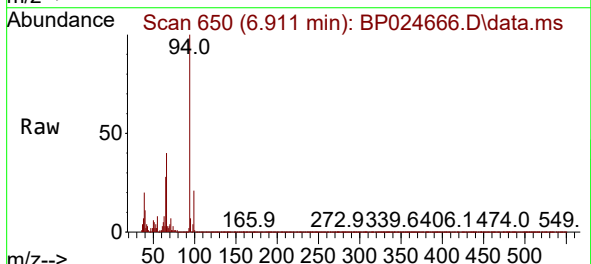
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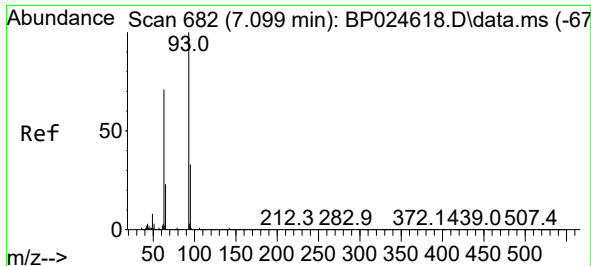
Tgt Ion: 77 Resp: 179050
Ion Ratio Lower Upper
77 100
105 102.0 83.3 123.3
106 97.8 78.0 118.0



#10
Phenol
Concen: 39.787 ng
RT: 6.911 min Scan# 650
Delta R.T. 0.030 min
Lab File: BP024666.D
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Tgt Ion: 94 Resp: 472580
Ion Ratio Lower Upper
94 100
65 28.0 8.7 48.7
66 39.6 19.4 59.4

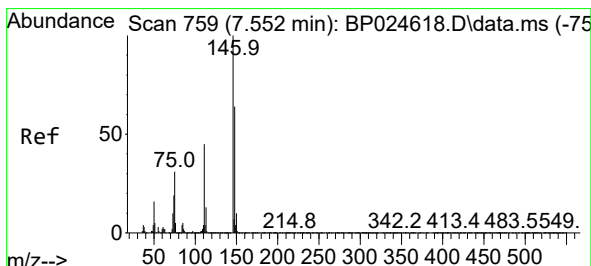
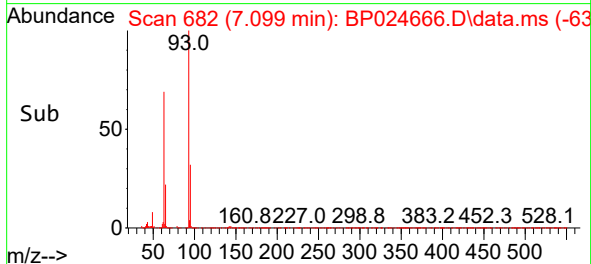
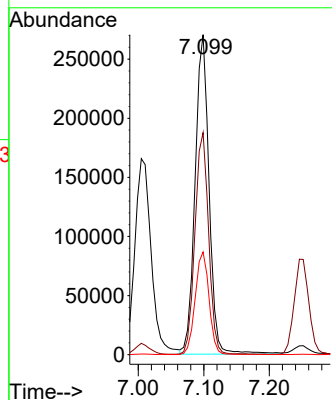
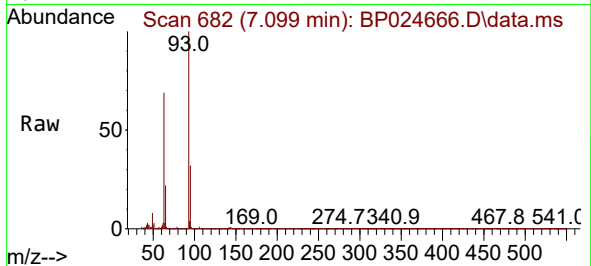




#11
bis(2-Chloroethyl)ether
Concen: 41.120 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

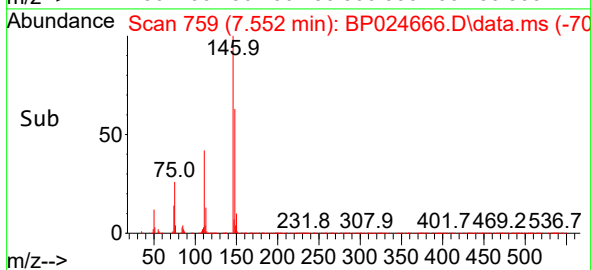
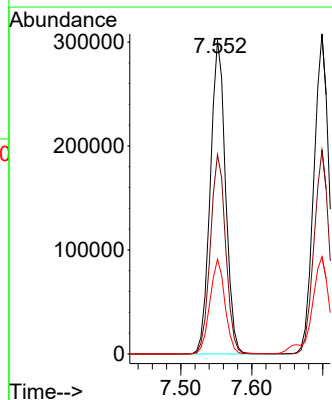
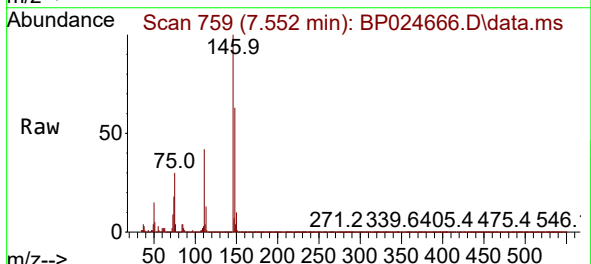
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

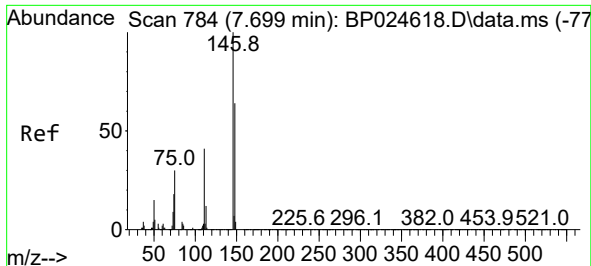
Tgt Ion: 93 Resp: 401328
Ion Ratio Lower Upper
93 100
63 69.4 50.6 90.6
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.132 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 146 Resp: 449065
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
75 30.2 25.2 37.8

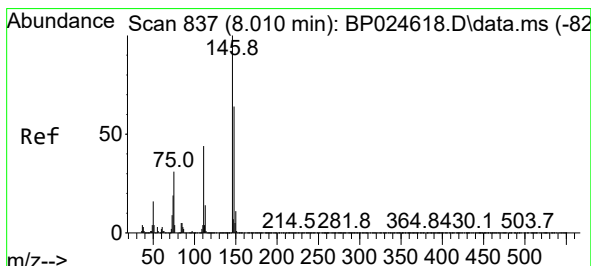
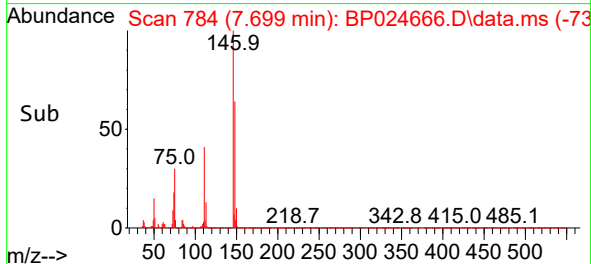
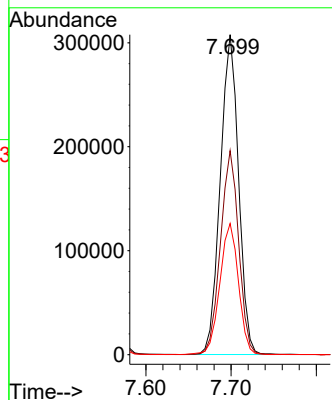
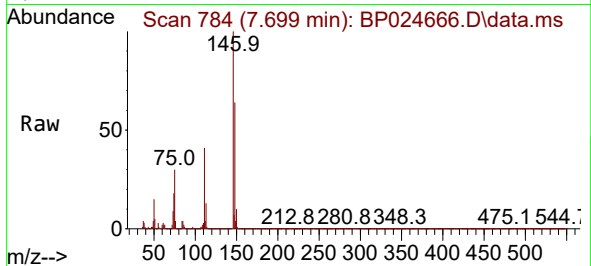




#13
1,4-Dichlorobenzene
Concen: 38.756 ng
RT: 7.699 min Scan# 784
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

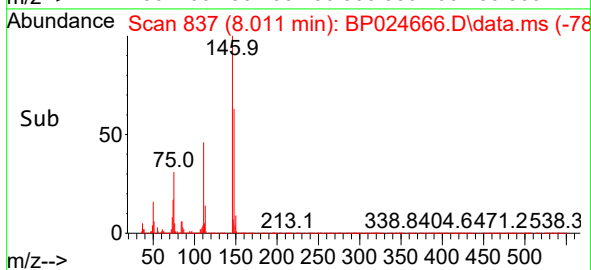
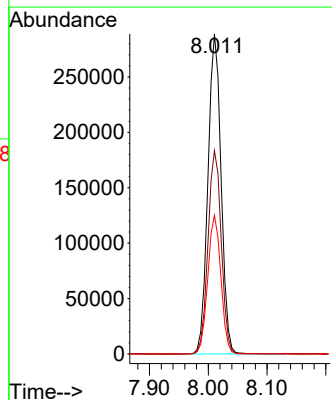
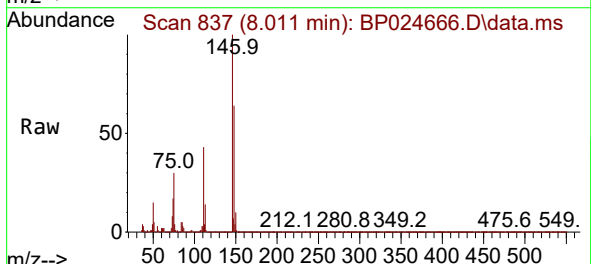
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

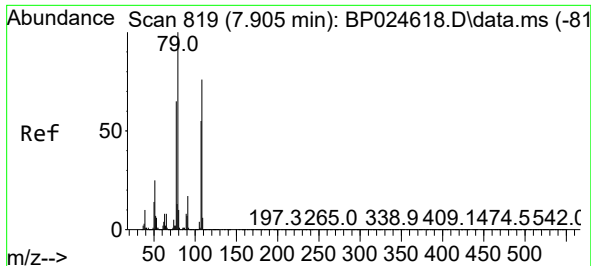
Tgt Ion:146 Resp: 459046
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 41.0 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 38.821 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:146 Resp: 448057
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 43.4 35.2 52.8

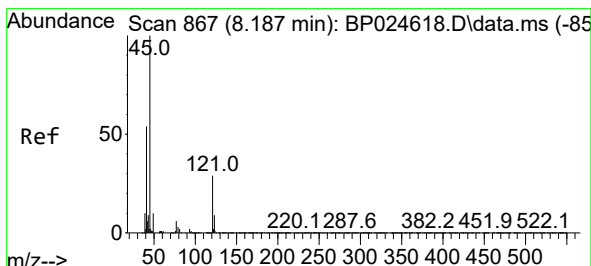
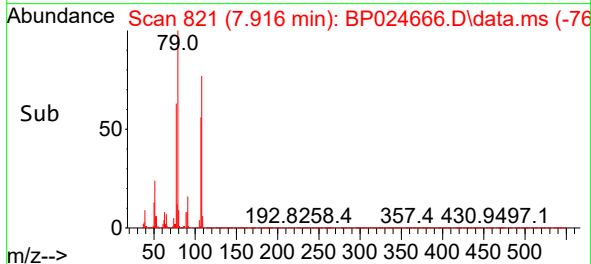
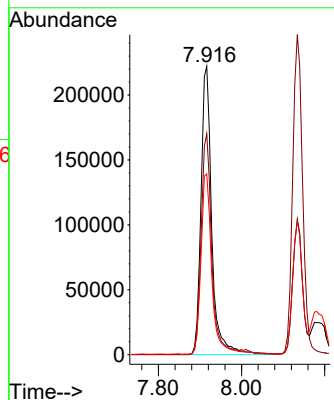
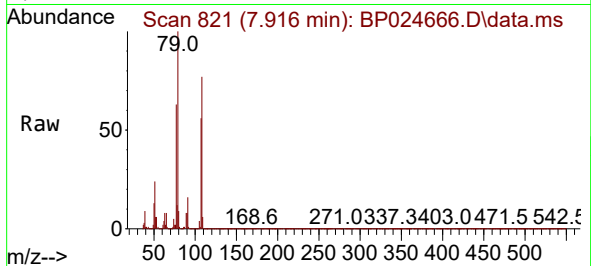




#15
Benzyl Alcohol
Concen: 45.502 ng
RT: 7.916 min Scan# 819
Delta R.T. 0.012 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

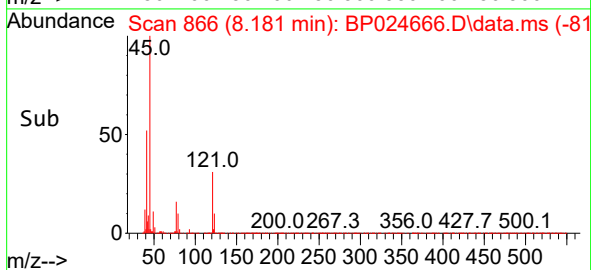
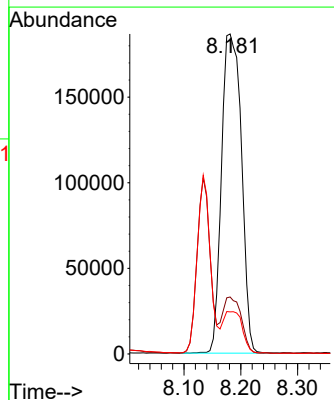
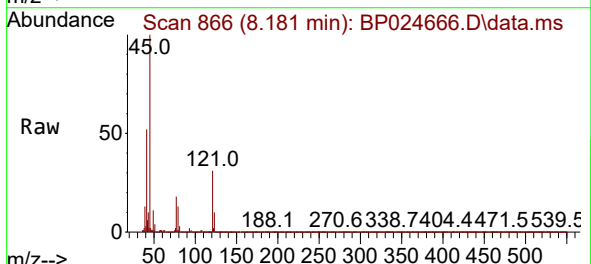
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

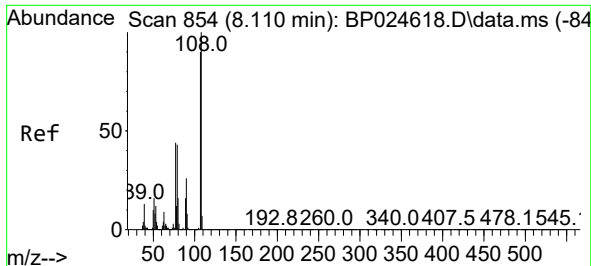
Tgt Ion: 79 Resp: 397920
Ion Ratio Lower Upper
79 100
108 76.7 60.8 91.2
77 62.7 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.780 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 45 Resp: 453274
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.2 0.0 34.0





#17

2-Methylphenol

Concen: 43.149 ng

RT: 8.134 min Scan# 81

Delta R.T. 0.024 min

Lab File: BP024666.D

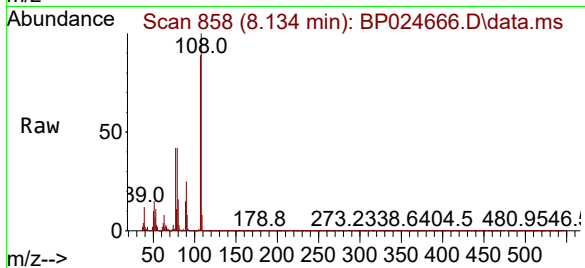
Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD



Tgt Ion:107 Resp: 367588

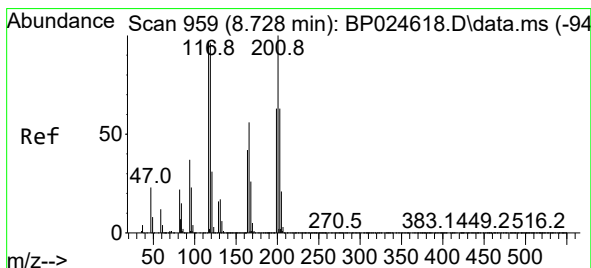
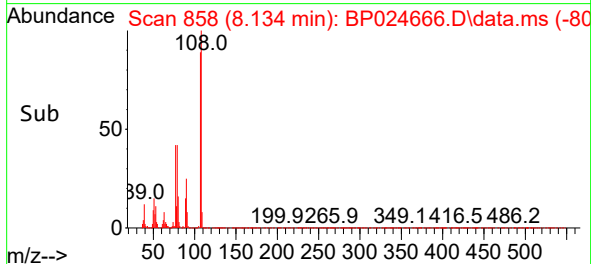
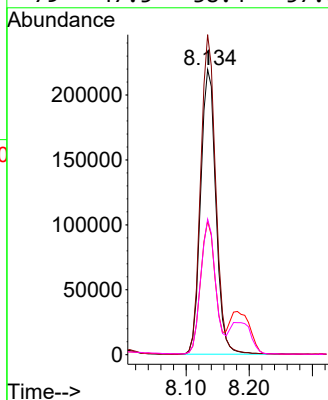
Ion Ratio Lower Upper

107 100

108 112.2 88.9 133.3

77 46.8 39.0 58.6

79 47.5 38.4 57.6



#18

Hexachloroethane

Concen: 36.706 ng

RT: 8.722 min Scan# 958

Delta R.T. -0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

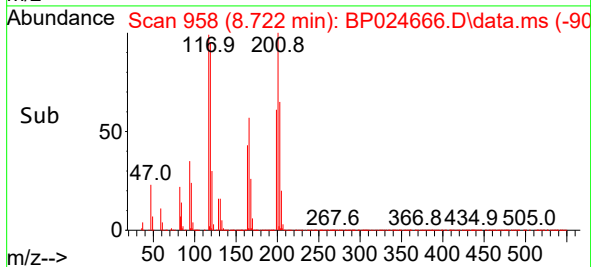
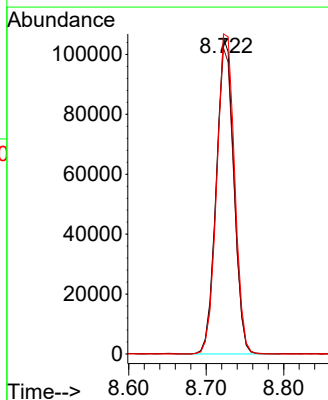
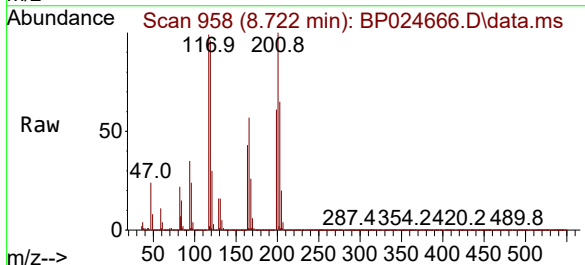
Tgt Ion:117 Resp: 166606

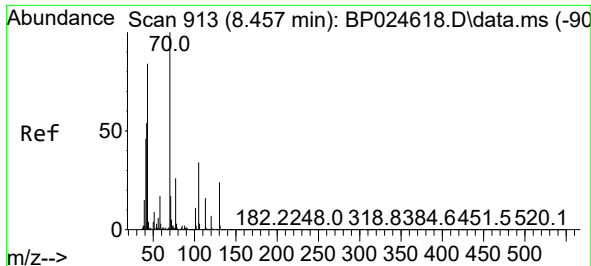
Ion Ratio Lower Upper

117 100

119 96.8 79.4 119.0

201 101.3 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.864 ng

RT: 8.463 min Scan# 914

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

Tgt Ion: 70 Resp: 309373

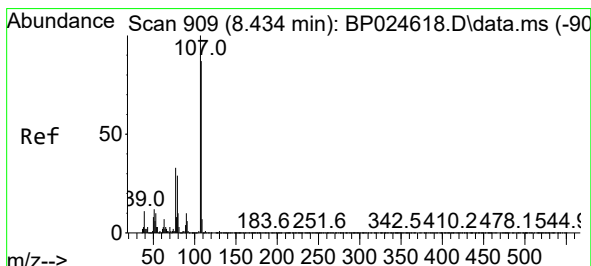
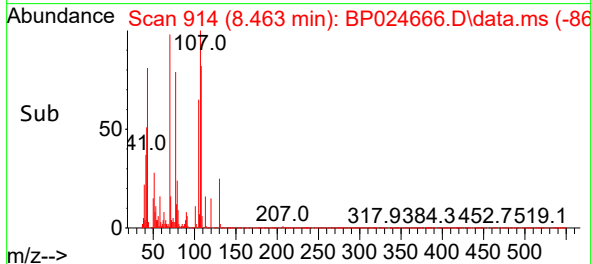
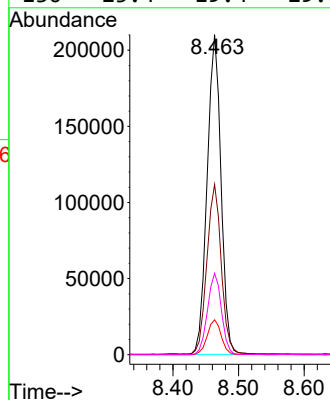
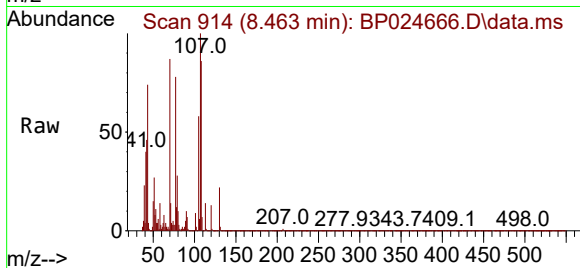
Ion Ratio Lower Upper

70 100

42 53.2 43.0 64.6

101 10.9 8.7 13.1

130 25.4 19.4 29.0



#20

3+4-Methylphenols

Concen: 42.448 ng

RT: 8.463 min Scan# 914

Delta R.T. 0.029 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Tgt Ion: 107 Resp: 491896

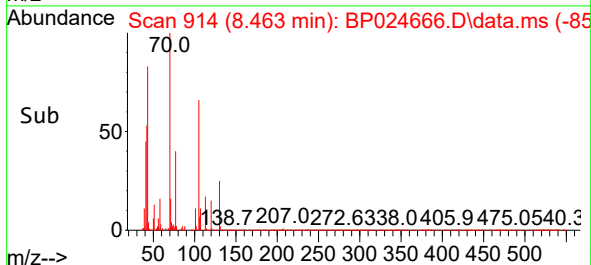
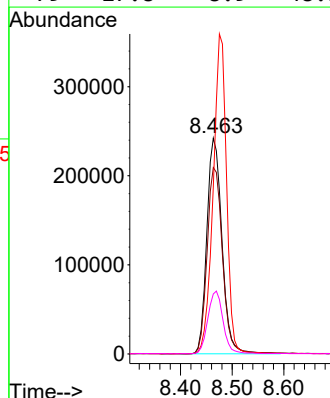
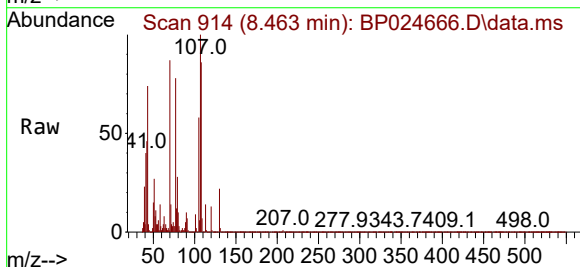
Ion Ratio Lower Upper

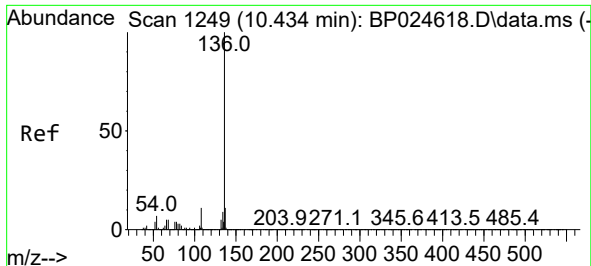
107 100

108 86.3 66.7 106.7

77 77.5 13.1 53.1

79 27.8 8.9 48.9

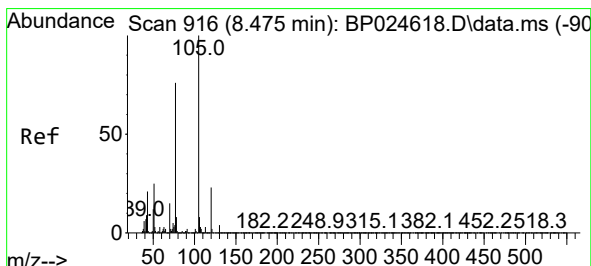
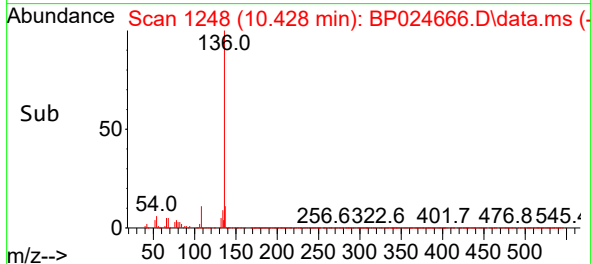
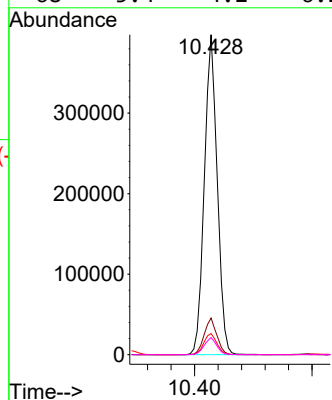
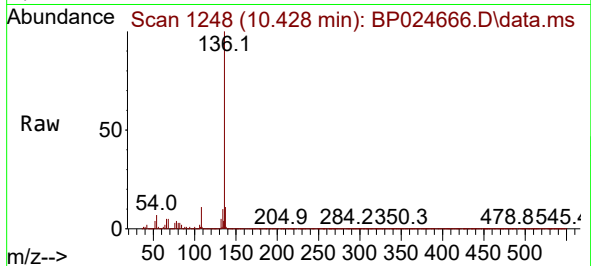




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

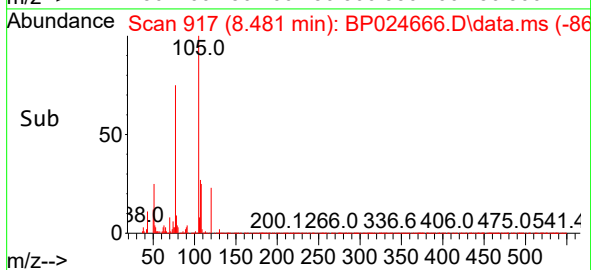
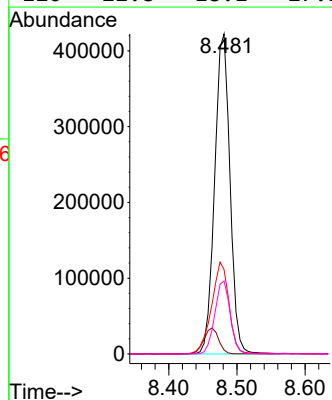
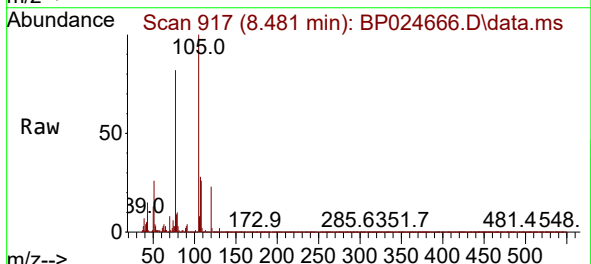
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

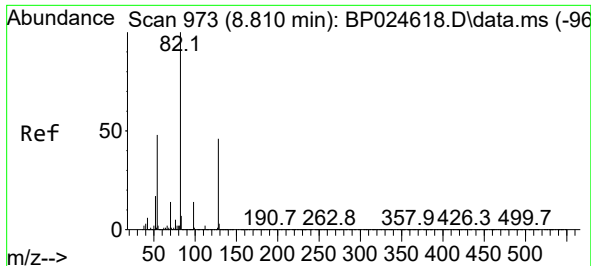
Tgt Ion:136 Resp: 604431
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 6.6 5.5 8.3
68 5.4 4.2 6.2



#22
Acetophenone
Concen: 43.834 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:105 Resp: 661821
Ion Ratio Lower Upper
105 100
71 1.3 2.0 3.0#
51 26.4 20.4 30.6
120 22.8 18.1 27.1





#23

Nitrobenzene-d5

Concen: 78.860 ng

RT: 8.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

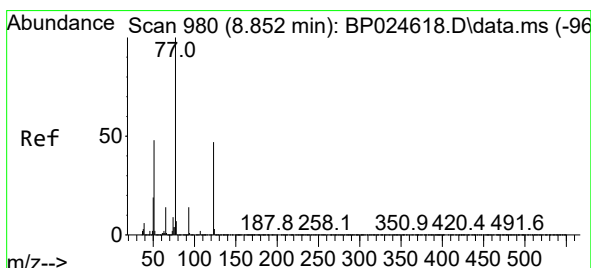
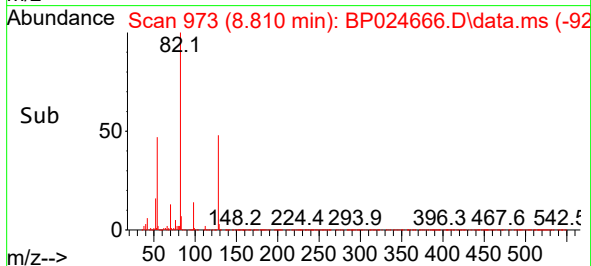
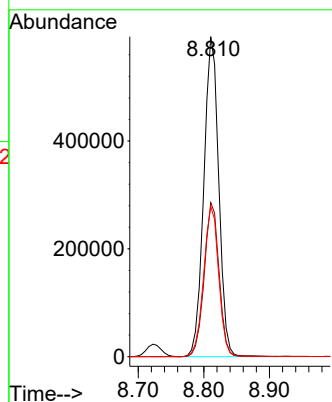
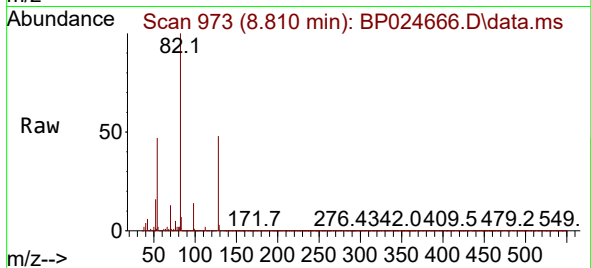
Tgt Ion: 82 Resp: 943373

Ion Ratio Lower Upper

82 100

128 48.2 37.0 55.4

54 46.9 38.7 58.1



#24

Nitrobenzene

Concen: 43.104 ng

RT: 8.852 min Scan# 980

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

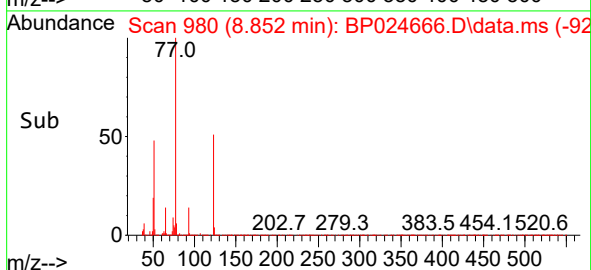
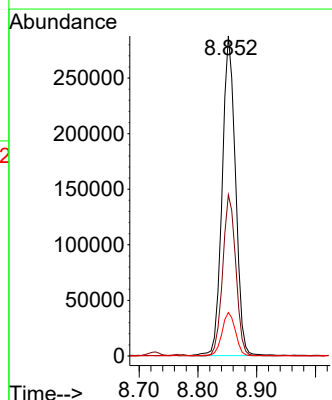
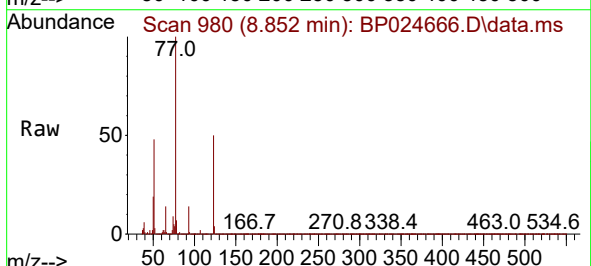
Tgt Ion: 77 Resp: 453771

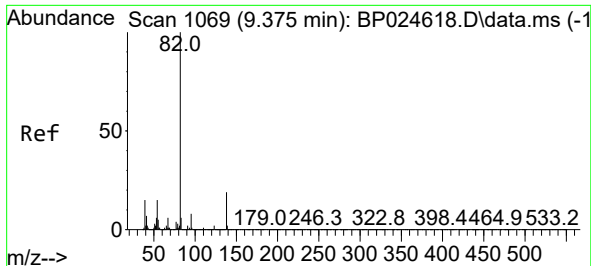
Ion Ratio Lower Upper

77 100

123 50.3 37.4 56.0

65 13.6 11.3 16.9

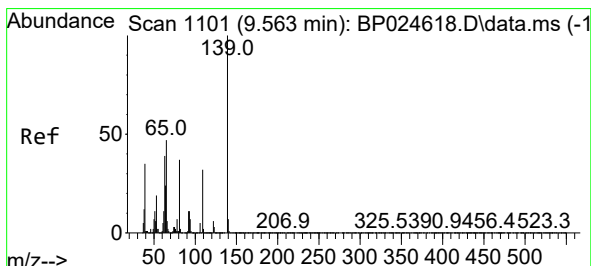
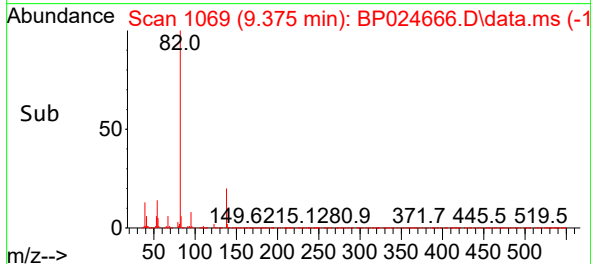
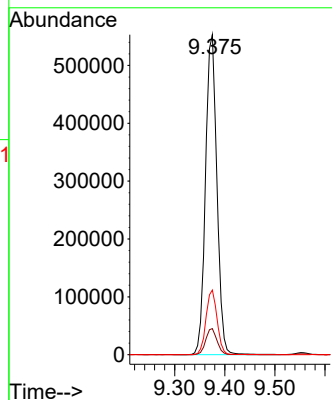
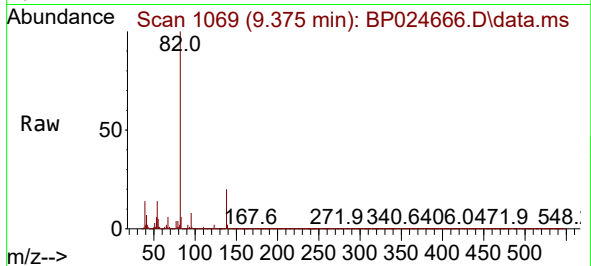




#25
Isophorone
Concen: 42.108 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

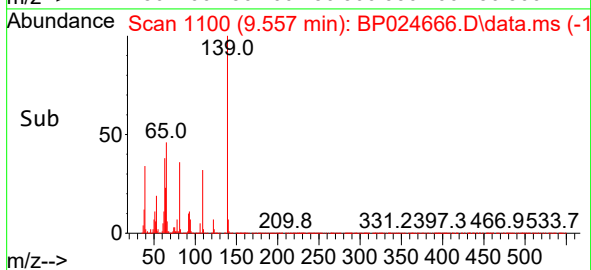
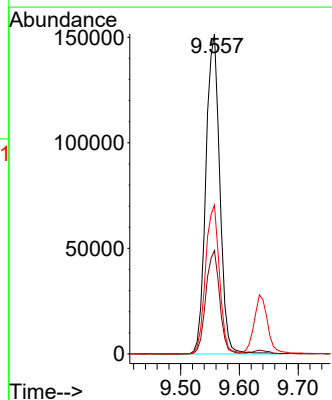
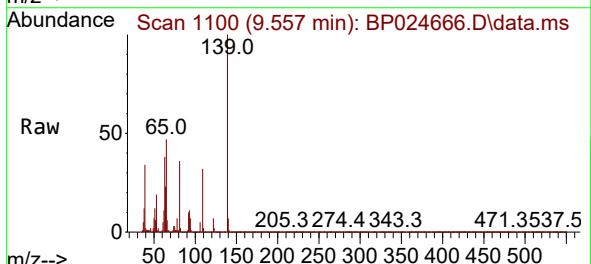
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

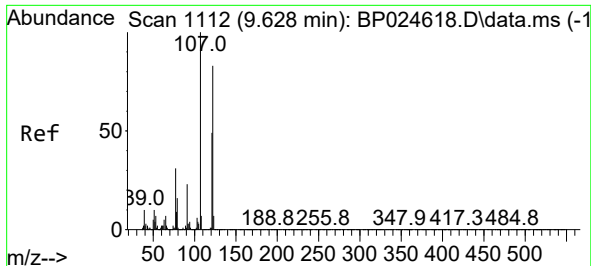
Tgt Ion: 82 Resp: 873767
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 20.2 15.3 22.9



#26
2-Nitrophenol
Concen: 48.307 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 139 Resp: 249194
Ion Ratio Lower Upper
139 100
109 32.3 25.9 38.9
65 46.5 37.9 56.9

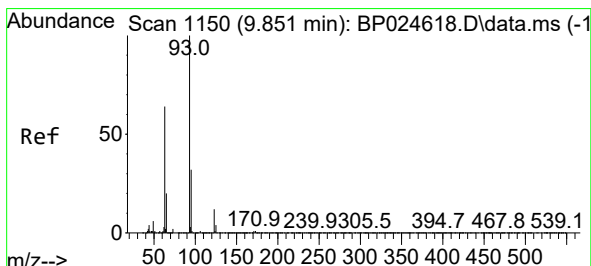
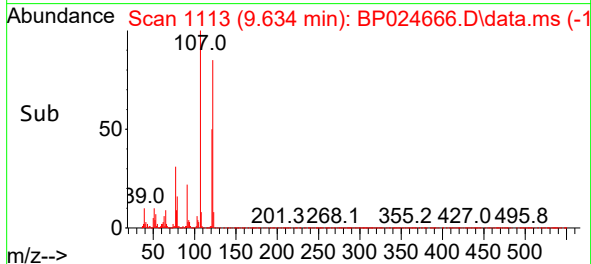
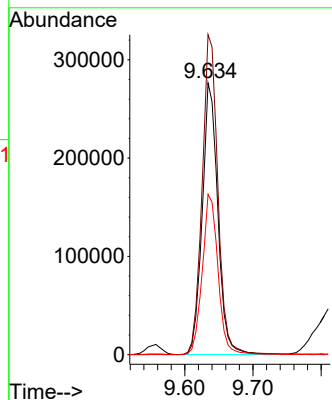
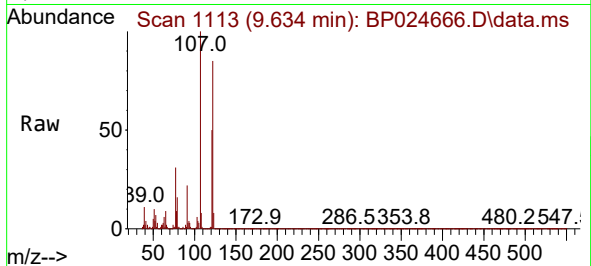




#27
2,4-Dimethylphenol
Concen: 48.160 ng
RT: 9.634 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

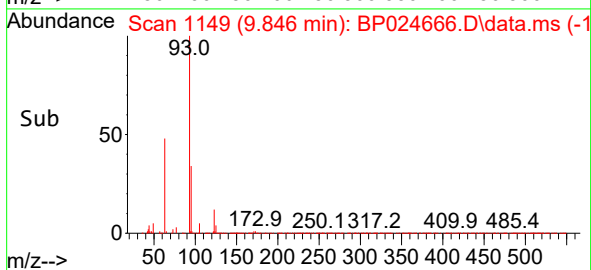
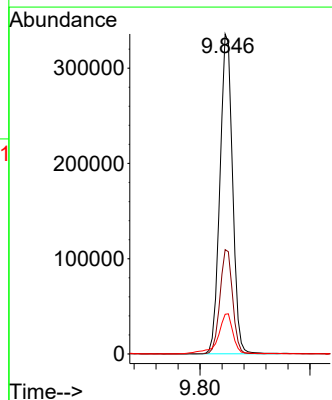
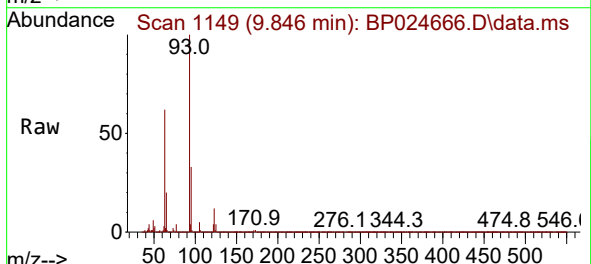
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

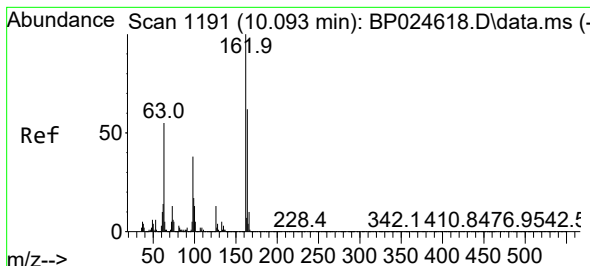
Tgt Ion:122 Resp: 438016
Ion Ratio Lower Upper
122 100
107 117.8 96.2 144.2
121 59.0 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.215 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 93 Resp: 535751
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 49.036 ng

RT: 10.116 min Scan# 1191

Delta R.T. 0.024 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

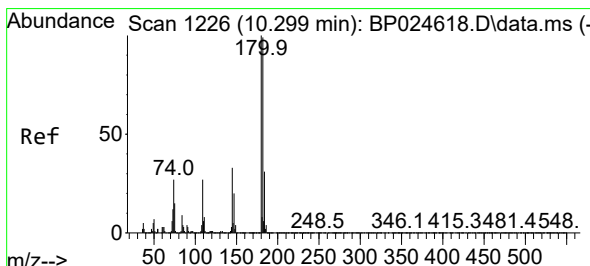
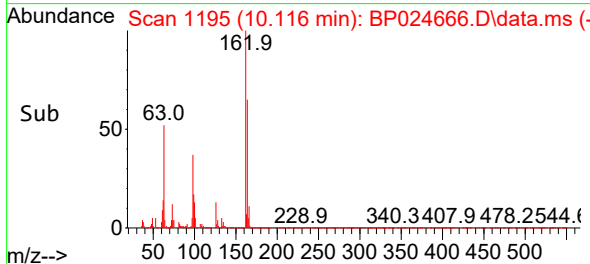
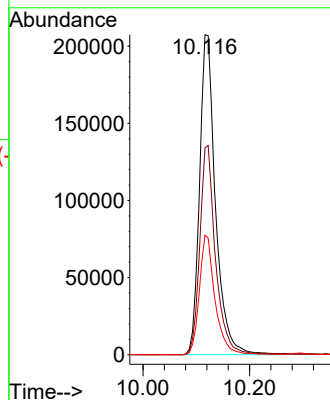
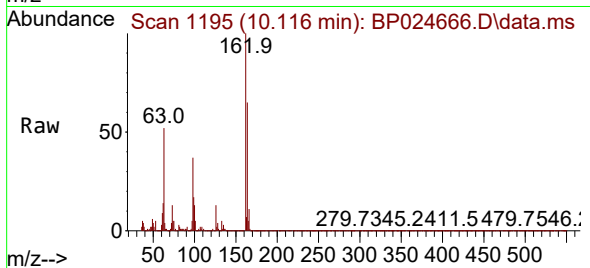
Tgt Ion:162 Resp: 432184

Ion Ratio Lower Upper

162 100

164 64.7 42.3 82.3

98 37.4 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 42.694 ng

RT: 10.293 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

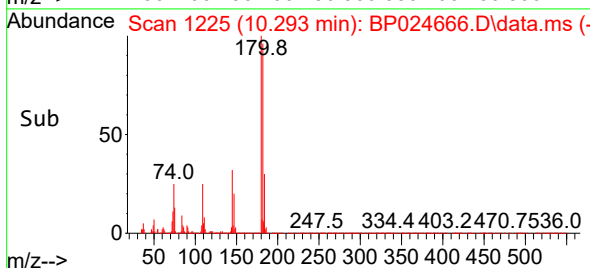
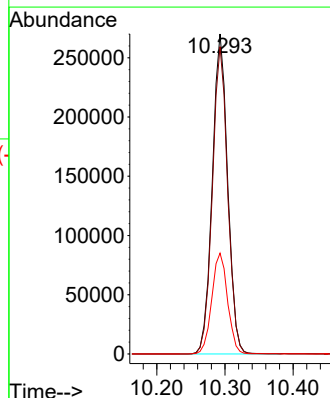
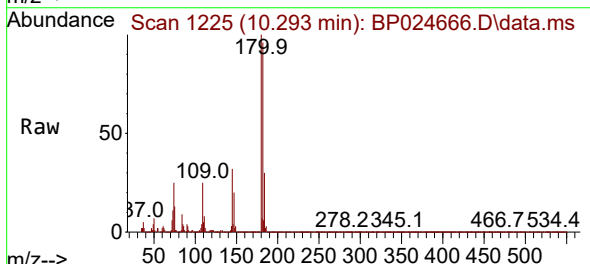
Tgt Ion:180 Resp: 424038

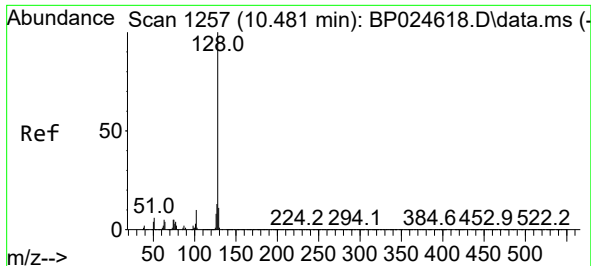
Ion Ratio Lower Upper

180 100

182 96.1 79.0 118.4

145 31.5 26.6 39.8

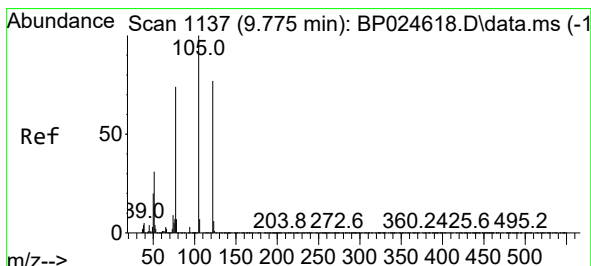
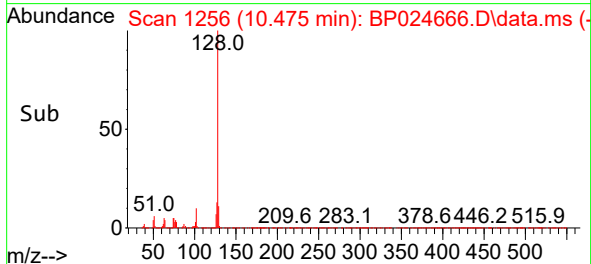
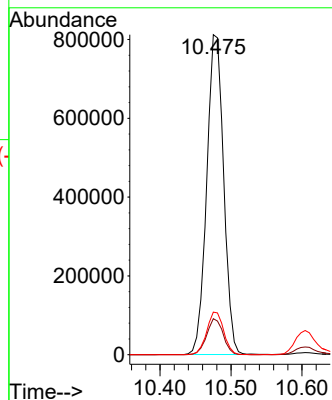
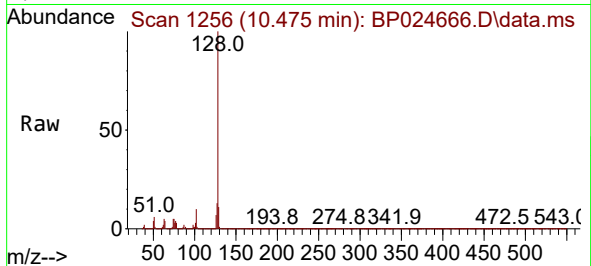




#31
Naphthalene
Concen: 42.995 ng
RT: 10.475 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

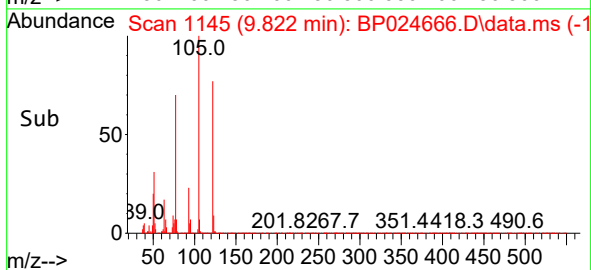
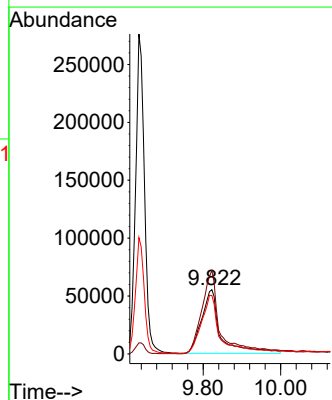
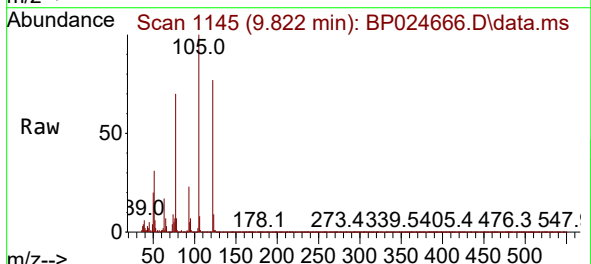
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

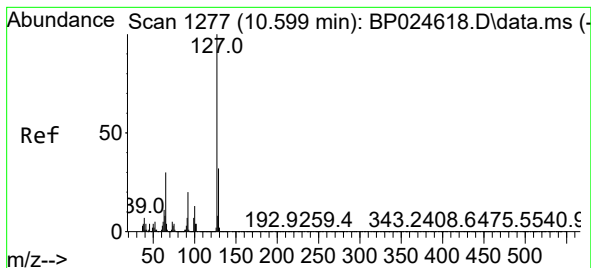
Tgt Ion:128 Resp: 1346705
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 32.556 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.047 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:122 Resp: 188113
Ion Ratio Lower Upper
122 100
105 129.6 106.9 146.9
77 90.9 75.1 115.1





#33

4-Chloroaniline

Concen: 11.169 ng

RT: 10.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

Tgt Ion:127 Resp: 141170

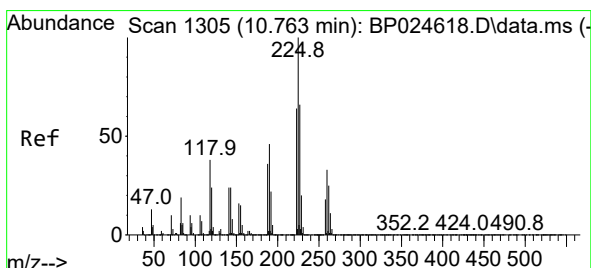
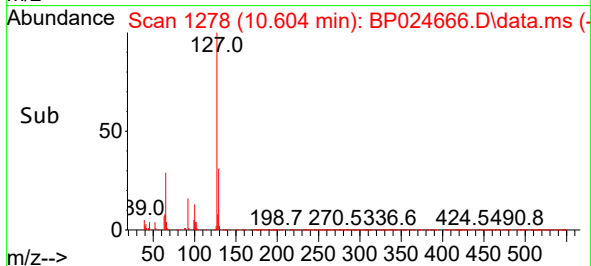
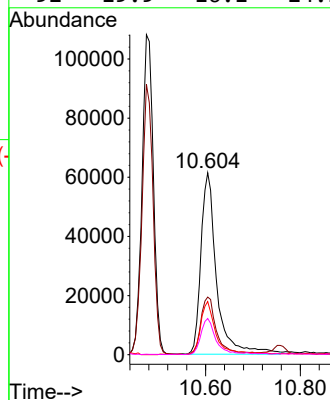
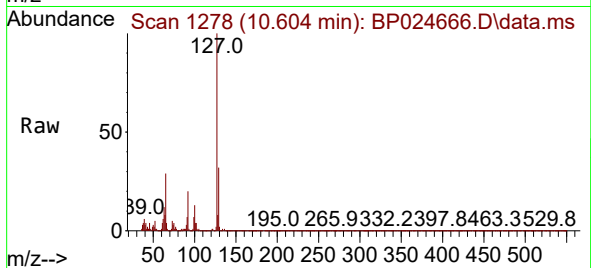
Ion Ratio Lower Upper

127 100

129 31.6 25.8 38.6

65 29.2 23.9 35.9

92 19.9 16.1 24.1



#34

Hexachlorobutadiene

Concen: 41.981 ng

RT: 10.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

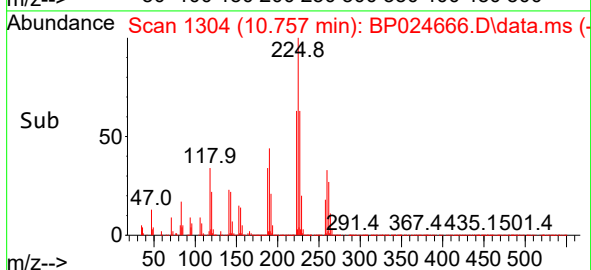
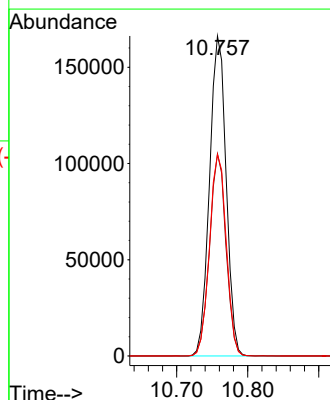
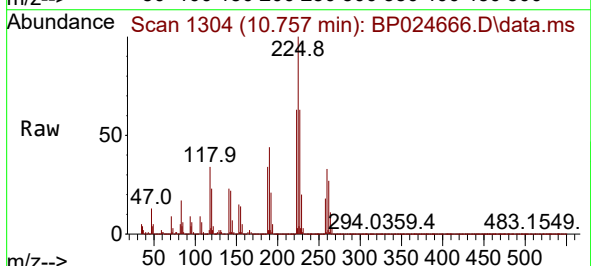
Tgt Ion:225 Resp: 270108

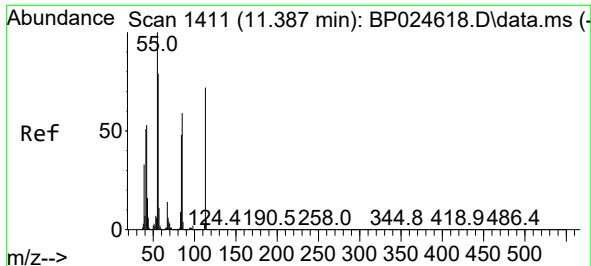
Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

227 63.0 53.1 79.7

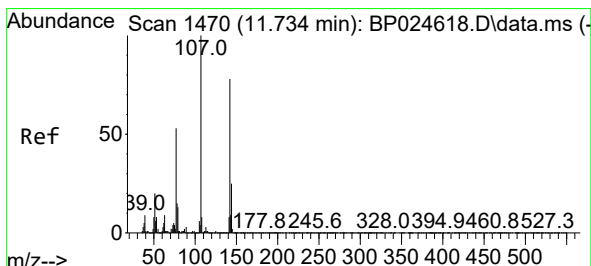
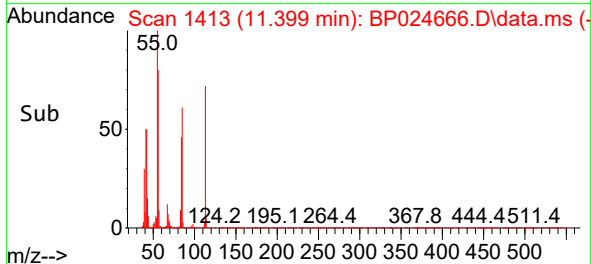
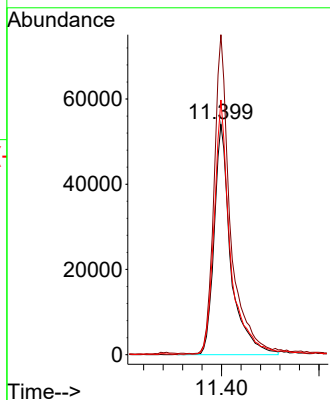
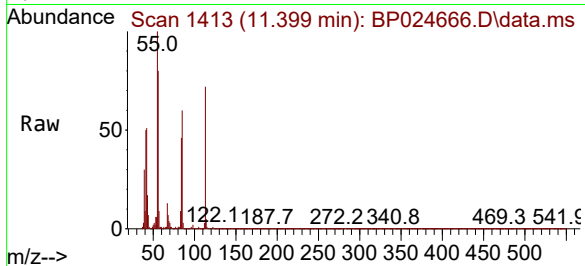




#35
Caprolactam
Concen: 39.933 ng
RT: 11.399 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

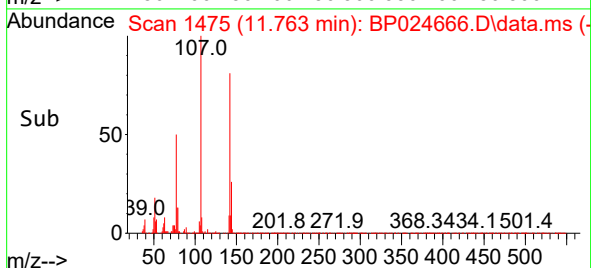
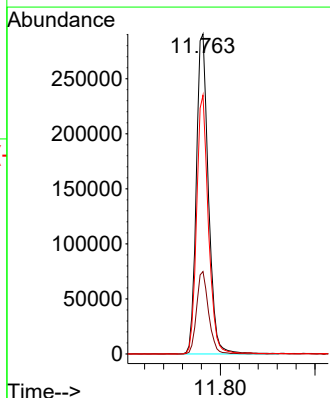
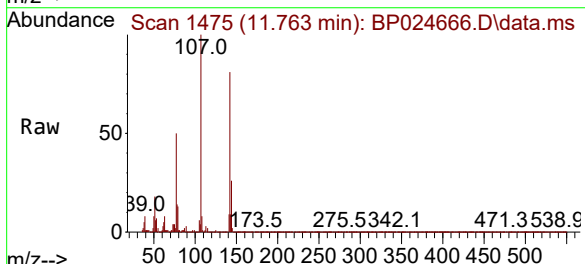
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

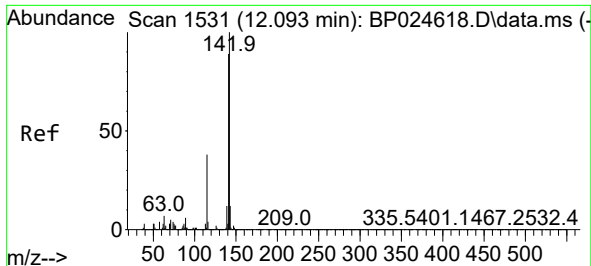
Tgt Ion:113 Resp: 127337
Ion Ratio Lower Upper
113 100
55 138.9 119.0 159.0
56 110.5 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 47.908 ng
RT: 11.763 min Scan# 1475
Delta R.T. 0.029 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:107 Resp: 514919
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 80.8 62.1 93.1

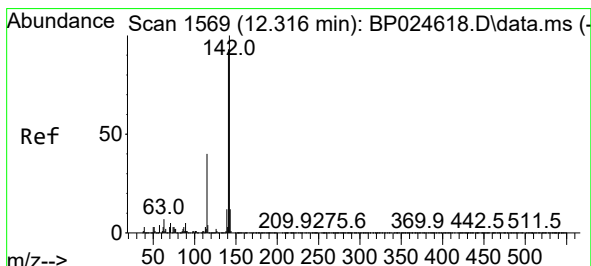
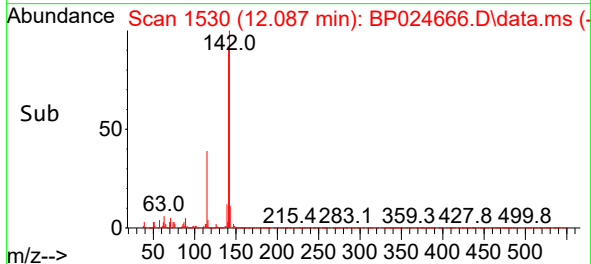
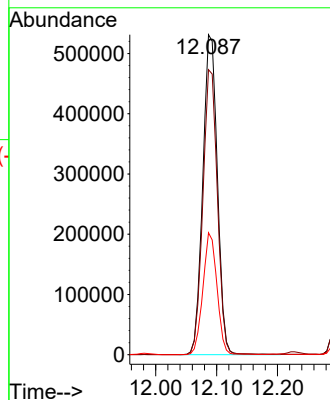
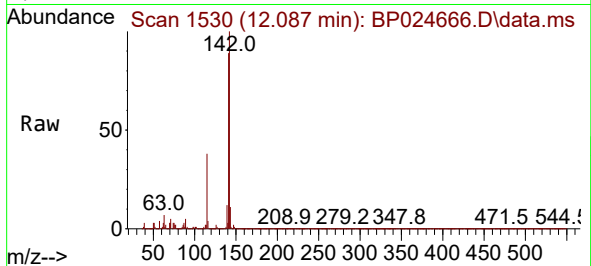




#37
2-Methylnaphthalene
Concen: 43.601 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

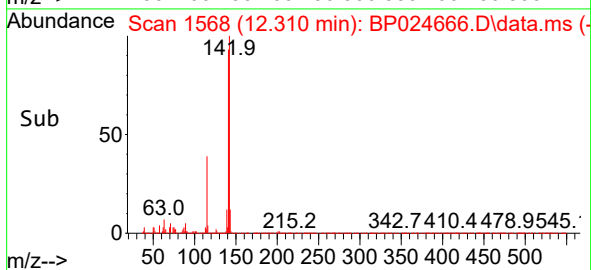
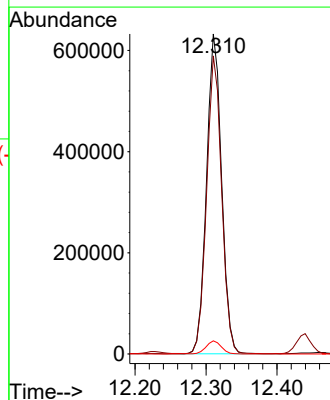
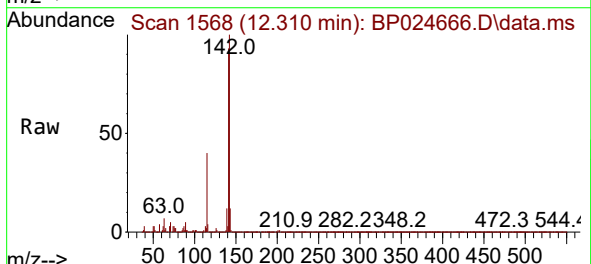
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

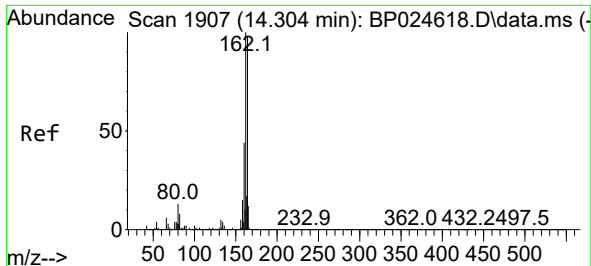
Tgt Ion:142 Resp: 884297
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 38.1 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.025 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:142 Resp: 933658
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1
116 4.1 3.4 5.2

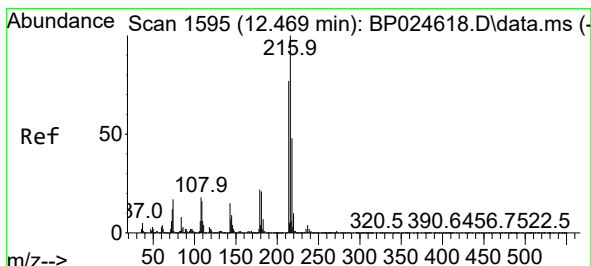
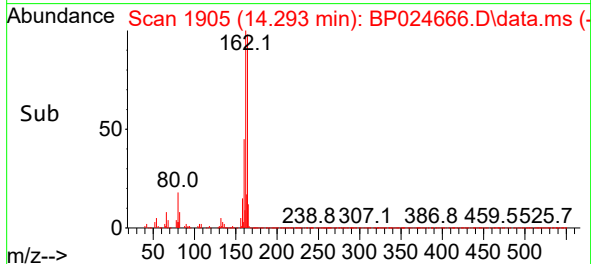
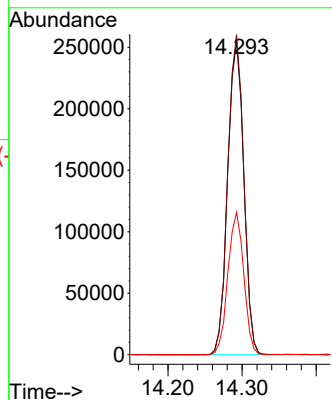
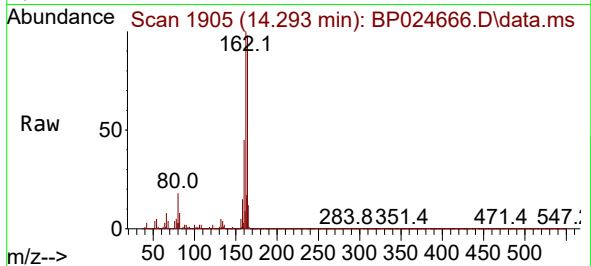




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

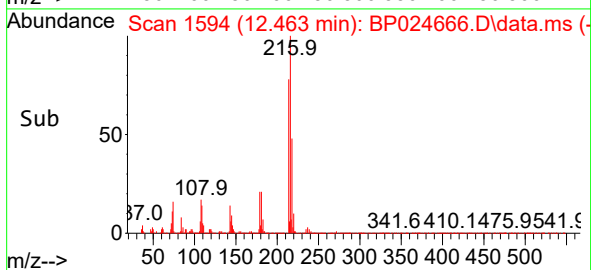
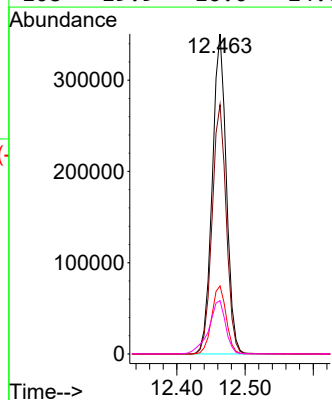
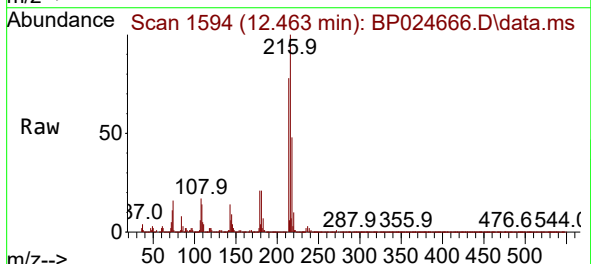
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

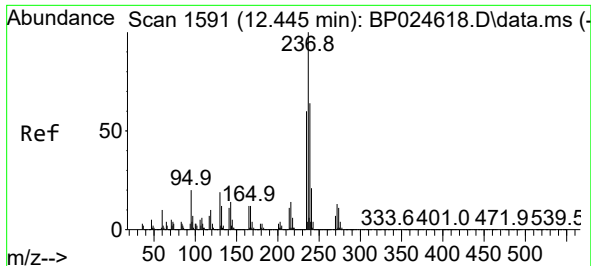
Tgt Ion:164 Resp: 384414
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.5 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.149 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:216 Resp: 503994
Ion Ratio Lower Upper
216 100
214 78.5 62.3 93.5
179 21.8 17.7 26.5
108 19.9 16.0 24.0

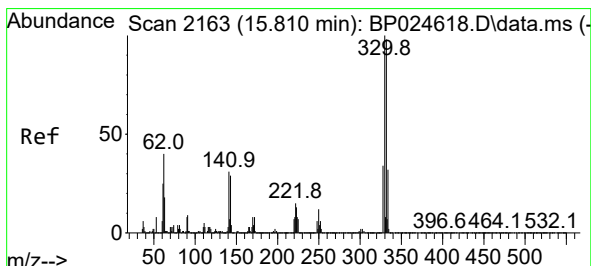
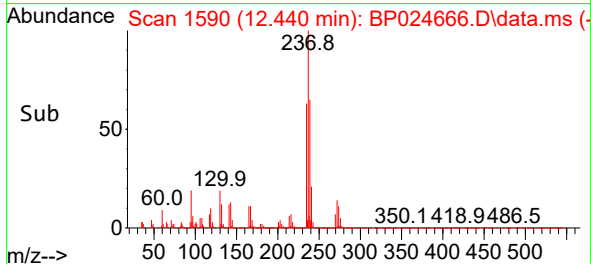
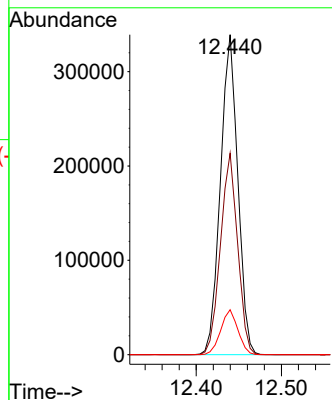
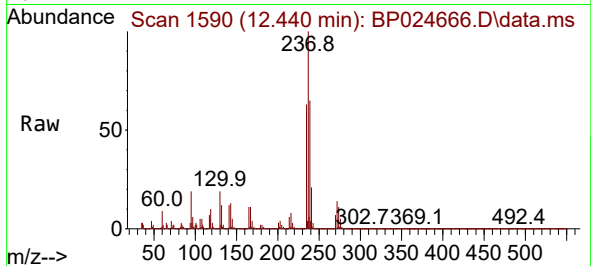




#41
Hexachlorocyclopentadiene
Concen: 70.830 ng
RT: 12.440 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

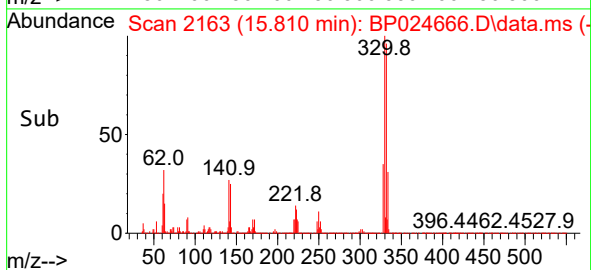
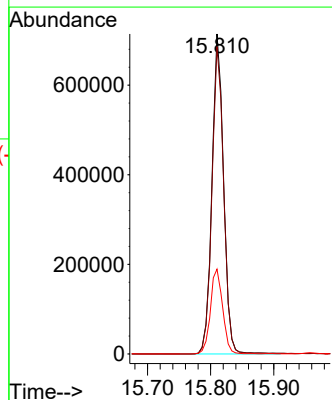
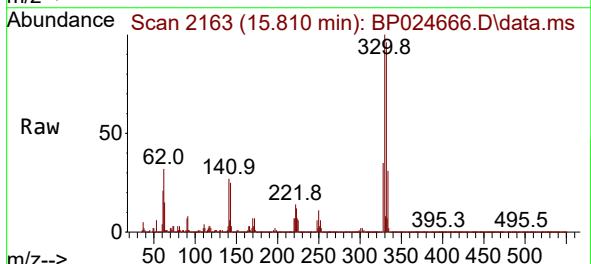
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

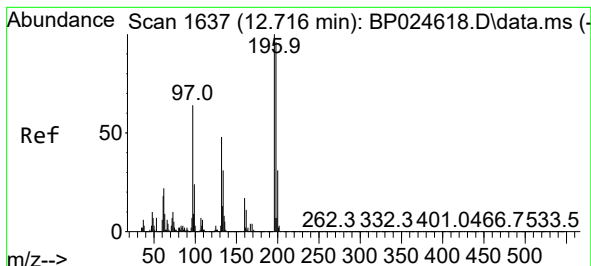
Tgt Ion:237 Resp: 479434
Ion Ratio Lower Upper
237 100
235 62.9 39.9 79.9
272 14.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 140.046 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:330 Resp: 912668
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 27.9 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 49.538 ng

RT: 12.722 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

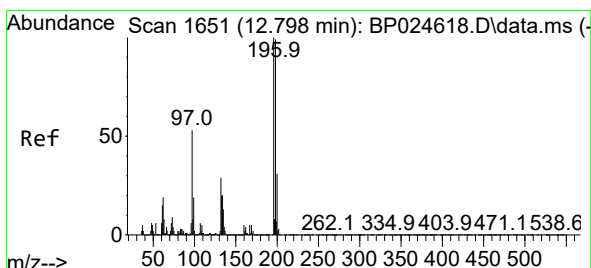
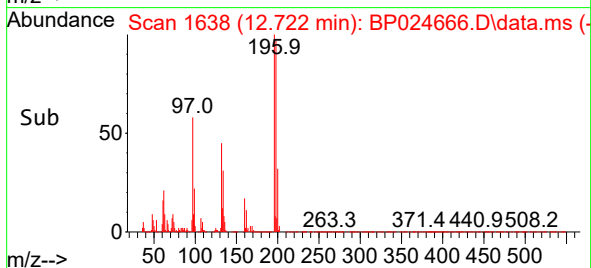
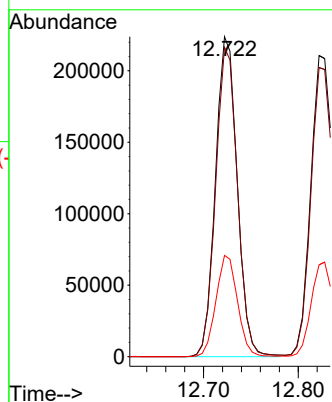
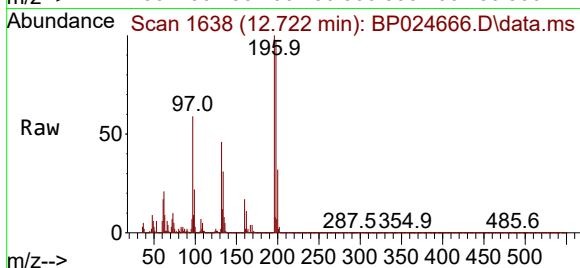
Tgt Ion:196 Resp: 358176

Ion Ratio Lower Upper

196 100

198 96.7 76.9 115.3

200 31.6 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 49.372 ng

RT: 12.822 min Scan# 1655

Delta R.T. 0.024 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Tgt Ion:196 Resp: 397360

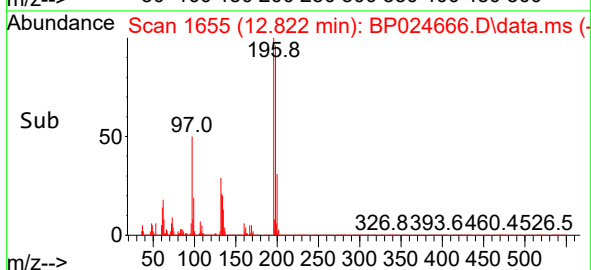
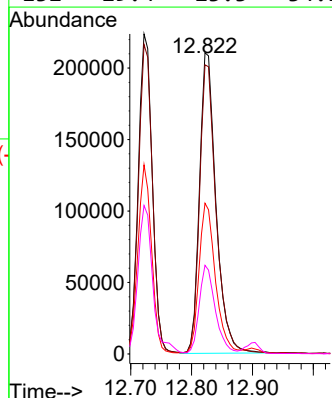
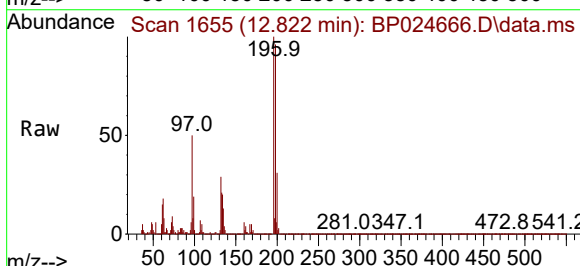
Ion Ratio Lower Upper

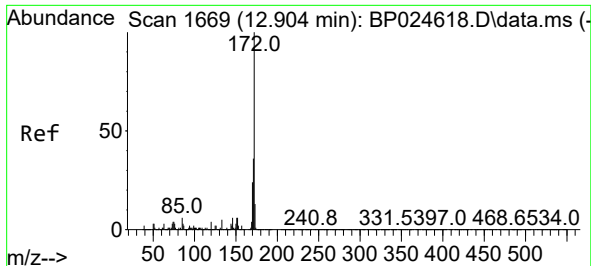
196 100

198 96.0 79.2 118.8

97 50.0 42.3 63.5

132 29.4 23.3 34.9

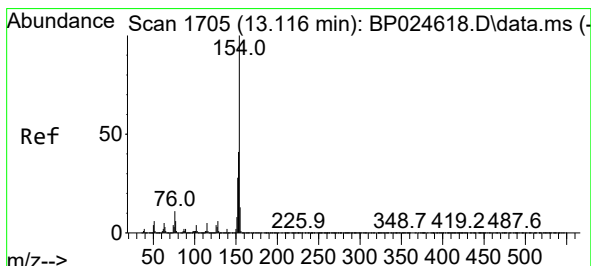
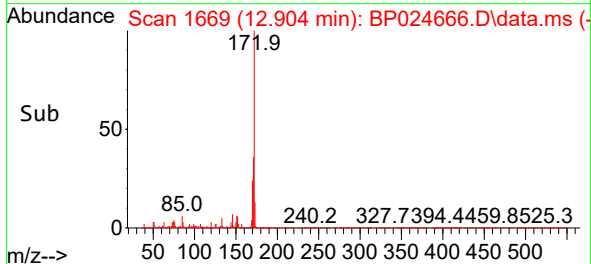
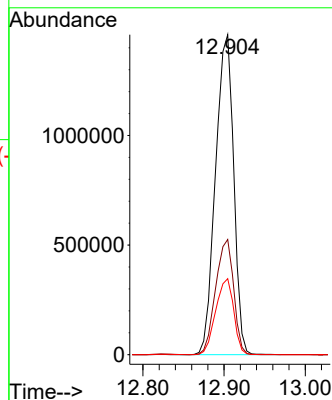
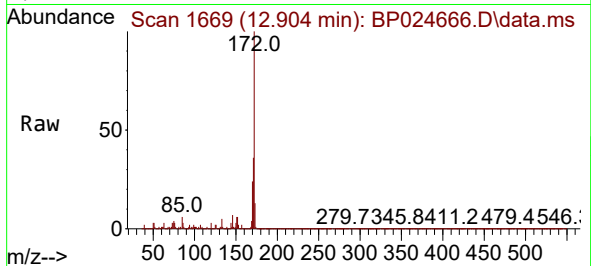




#45
2-Fluorobiphenyl
Concen: 77.416 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

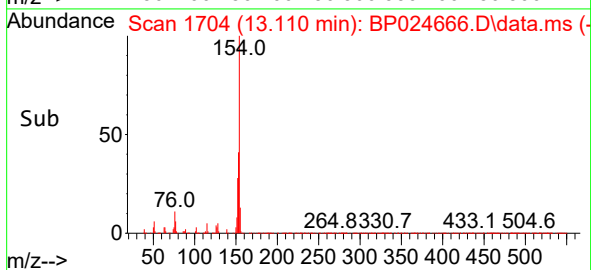
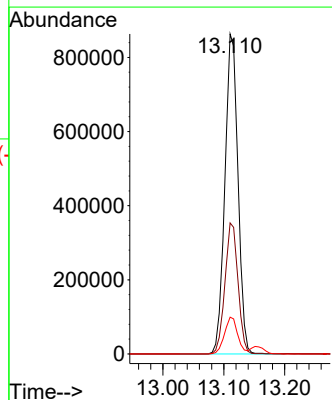
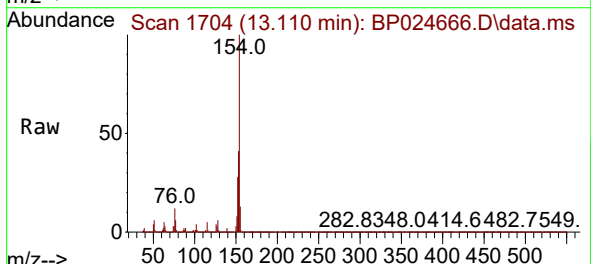
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

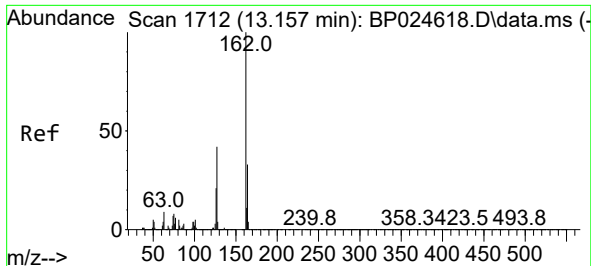
Tgt Ion:172 Resp: 2271515
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.309 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:154 Resp: 1287327
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 11.5 0.0 31.5

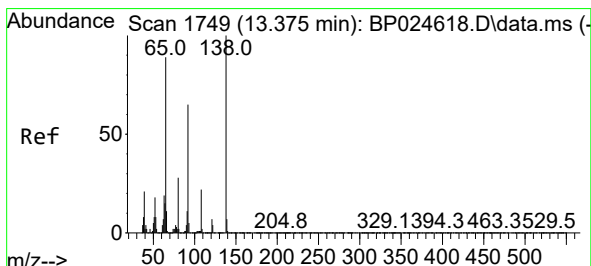
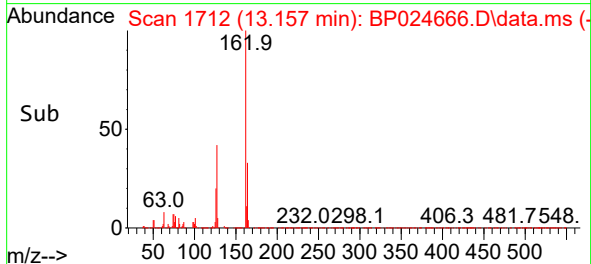
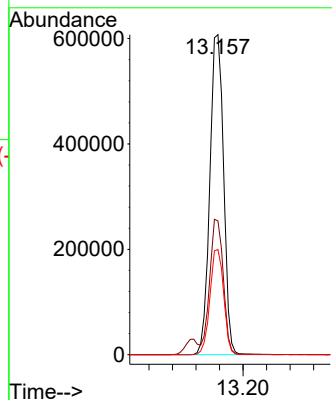
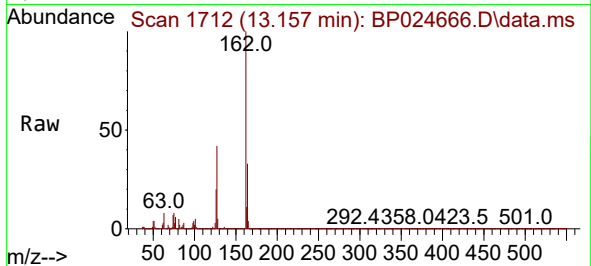




#47
2-Chloronaphthalene
Concen: 45.561 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

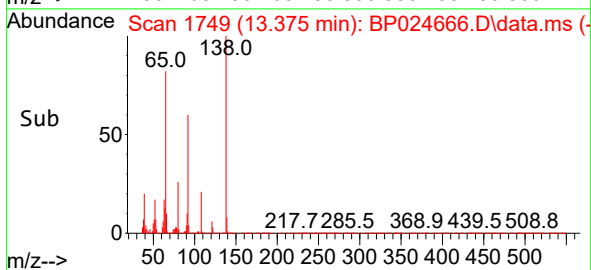
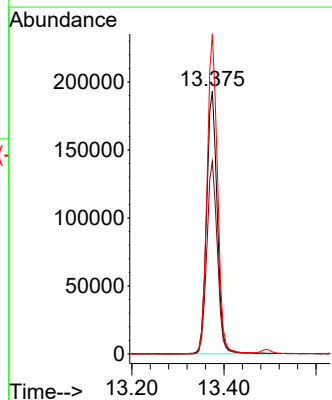
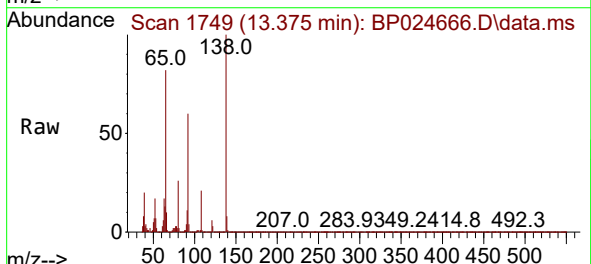
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

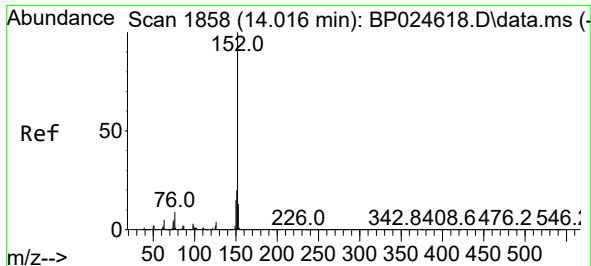
Tgt Ion:162 Resp: 987024
Ion Ratio Lower Upper
162 100
127 41.8 33.8 50.6
164 32.9 26.0 39.0



#48
2-Nitroaniline
Concen: 48.736 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion: 65 Resp: 312578
Ion Ratio Lower Upper
65 100
92 73.2 58.7 88.1
138 121.7 90.2 135.2

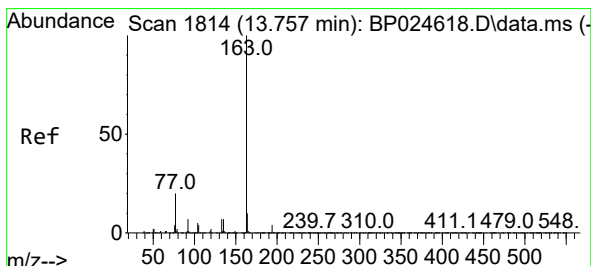
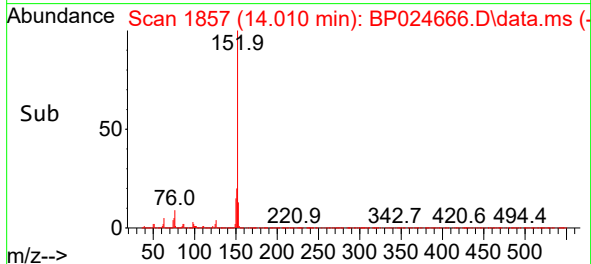
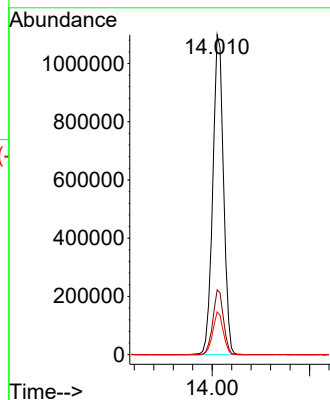
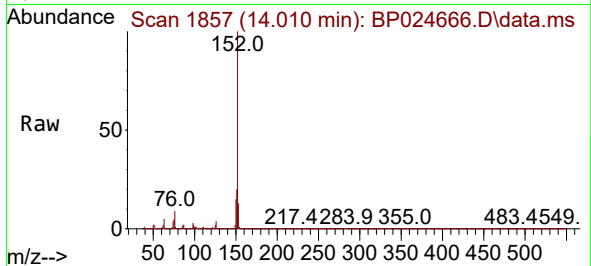




#49
Acenaphthylene
Concen: 46.096 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

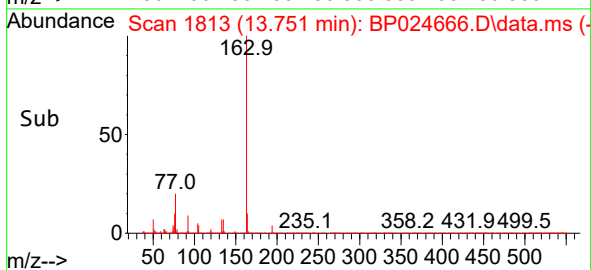
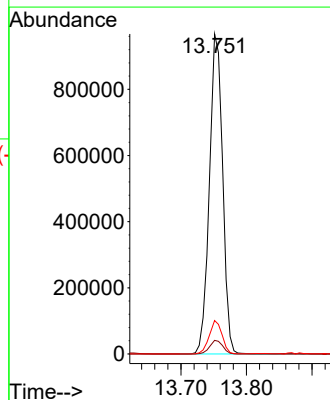
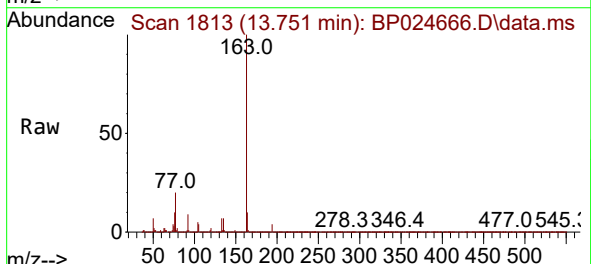
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

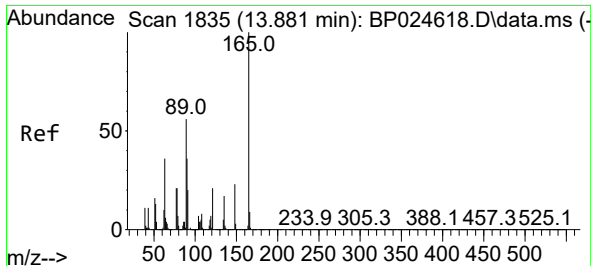
Tgt Ion:152 Resp: 1671169
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.2 15.4



#50
Dimethylphthalate
Concen: 46.469 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:163 Resp: 1361550
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.1 12.1

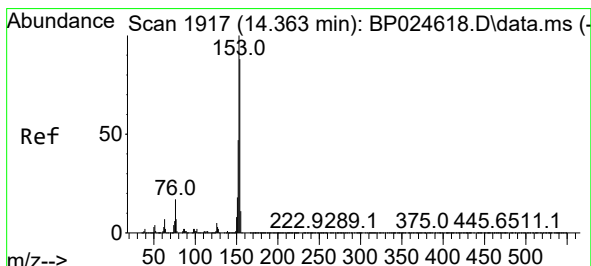
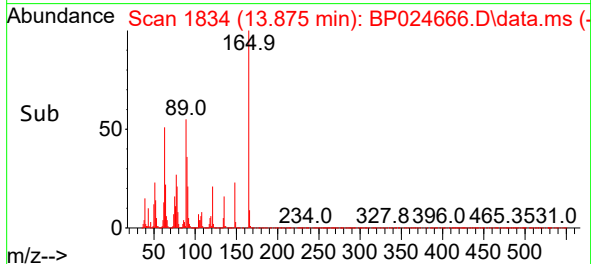
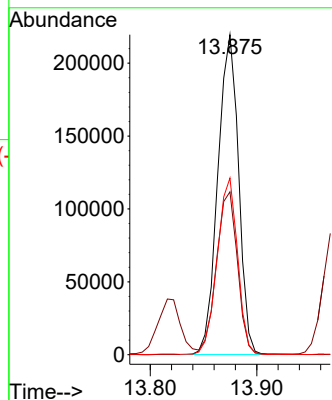
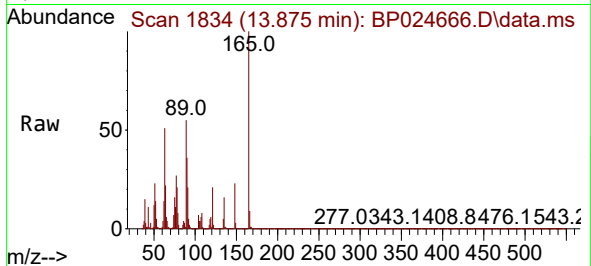




#51
2,6-Dinitrotoluene
Concen: 47.853 ng
RT: 13.875 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

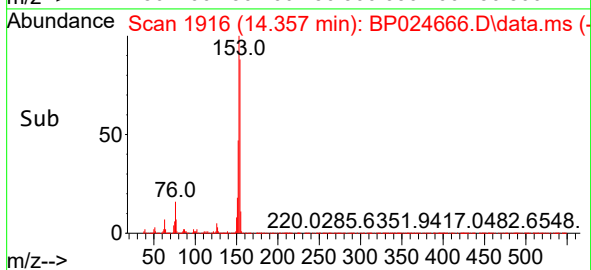
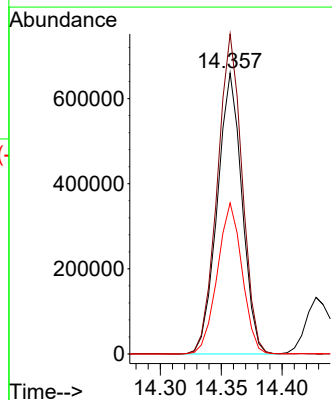
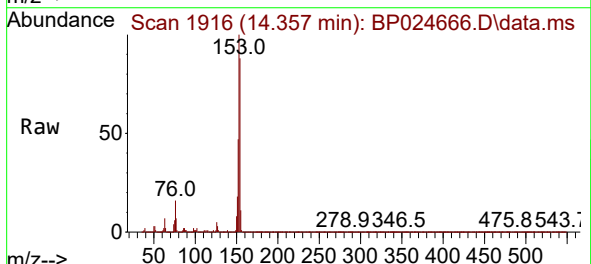
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

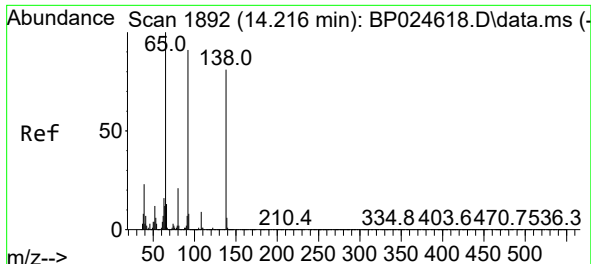
Tgt Ion:165 Resp: 296115
Ion Ratio Lower Upper
165 100
63 50.9 42.4 63.6
89 55.2 44.8 67.2



#52
Acenaphthene
Concen: 44.699 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:154 Resp: 931599
Ion Ratio Lower Upper
154 100
153 113.9 91.0 136.4
152 53.8 42.9 64.3

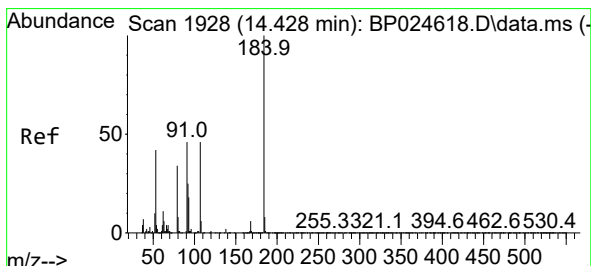
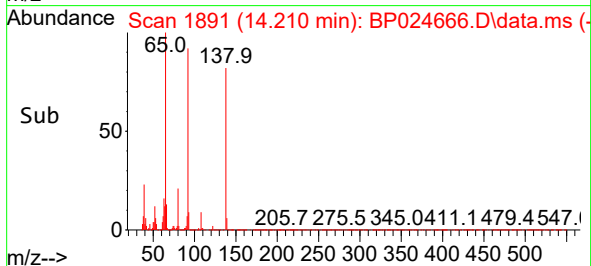
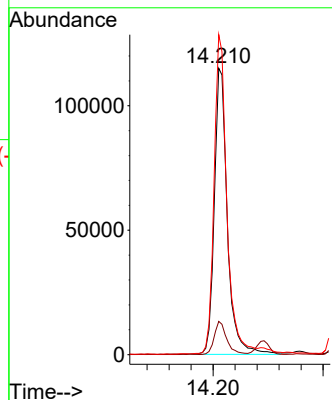
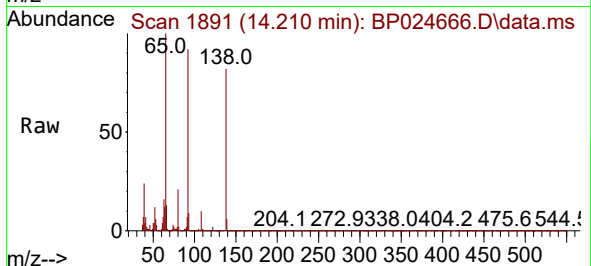




#53
3-Nitroaniline
Concen: 30.000 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

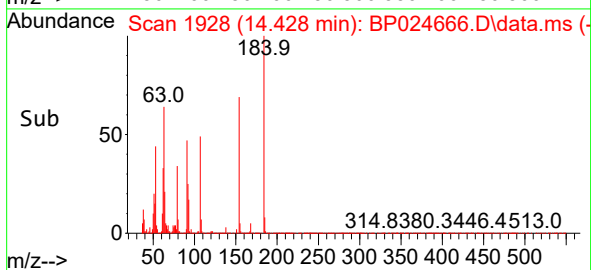
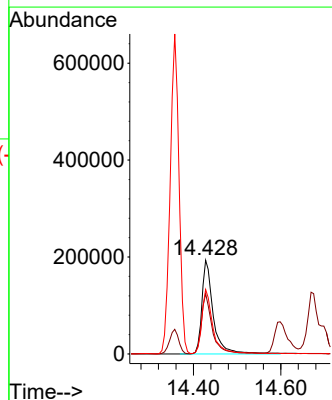
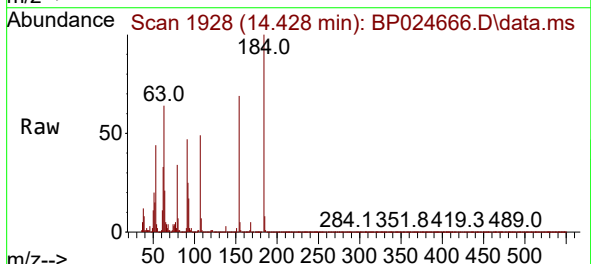
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

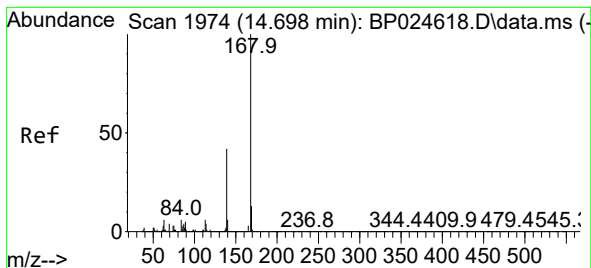
Tgt Ion:138 Resp: 189551
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 111.7 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 89.162 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:184 Resp: 351026
Ion Ratio Lower Upper
184 100
63 64.3 51.3 76.9
154 68.8 53.5 80.3





#55

Dibenzenofuran

Concen: 45.365 ng

RT: 14.698 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

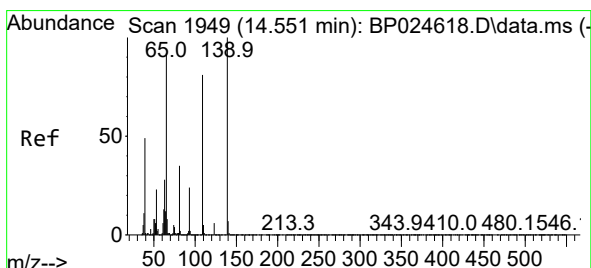
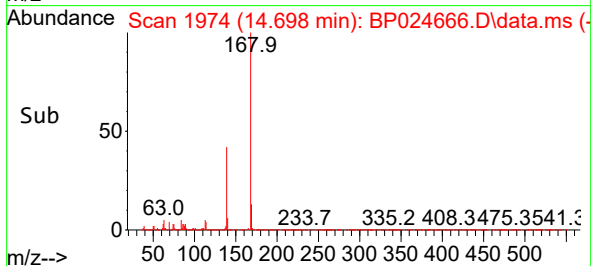
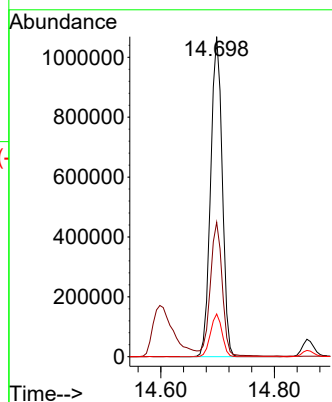
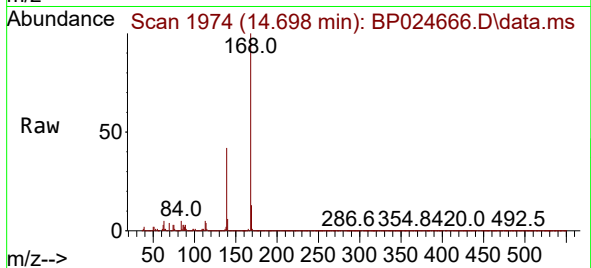
Tgt Ion:168 Resp: 1508097

Ion Ratio Lower Upper

168 100

139 42.0 34.2 51.4

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 79.181 ng

RT: 14.598 min Scan# 1957

Delta R.T. 0.047 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

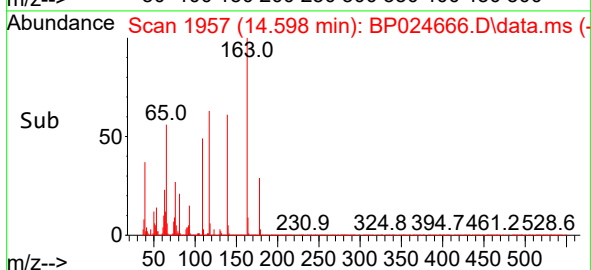
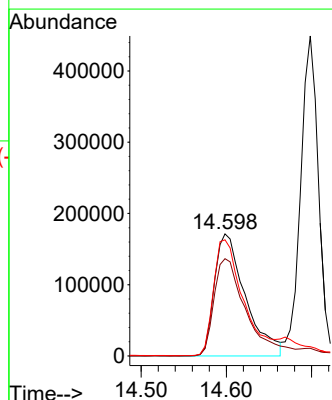
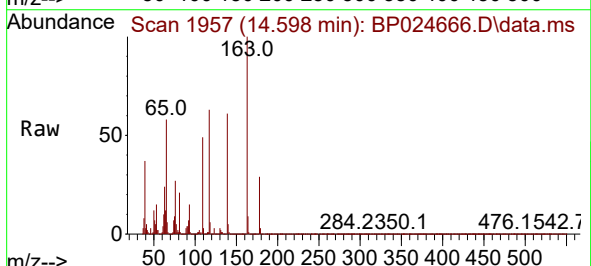
Tgt Ion:139 Resp: 432882

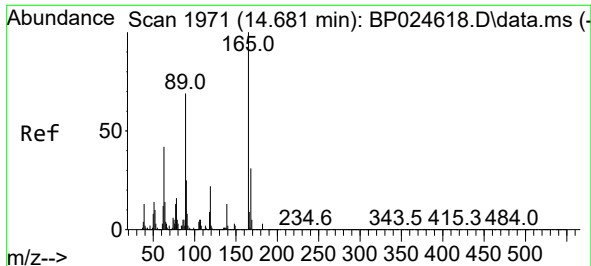
Ion Ratio Lower Upper

139 100

109 79.6 61.4 101.4

65 95.2 72.2 112.2

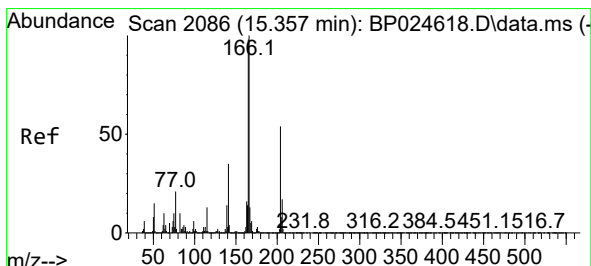
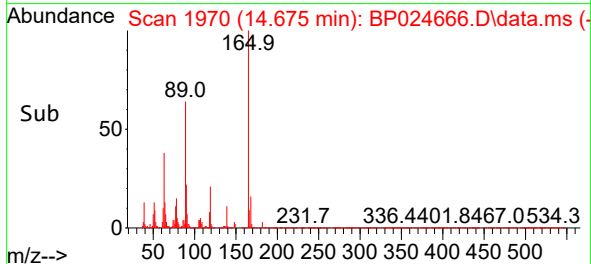
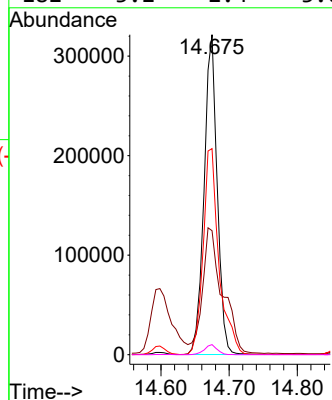
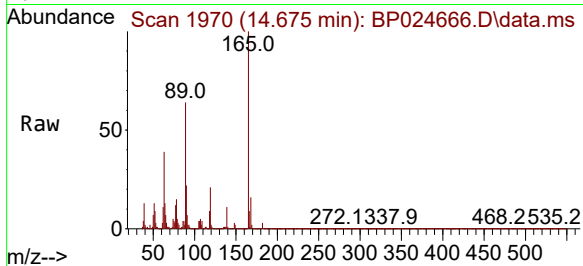




#57
2,4-Dinitrotoluene
Concen: 49.391 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

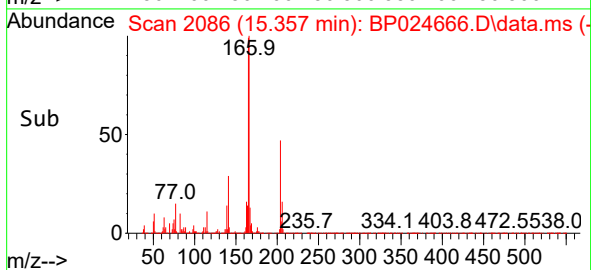
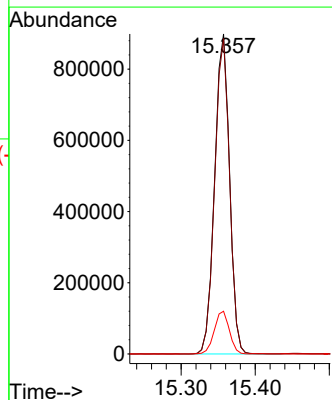
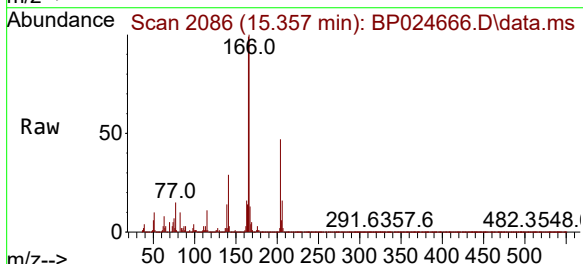
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

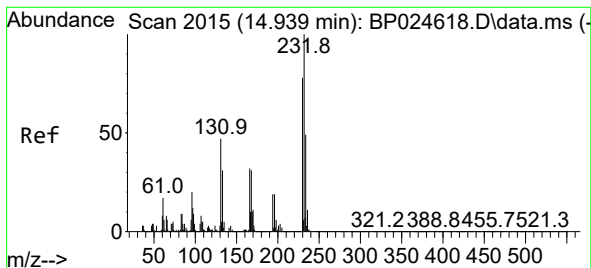
Tgt Ion:165 Resp: 430890
Ion Ratio Lower Upper
165 100
63 38.8 33.8 50.6
89 64.4 55.6 83.4
182 3.2 2.4 3.6



#58
Fluorene
Concen: 46.205 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:166 Resp: 1252465
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.3 10.7 16.1

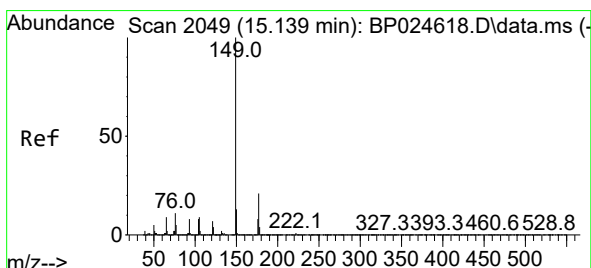
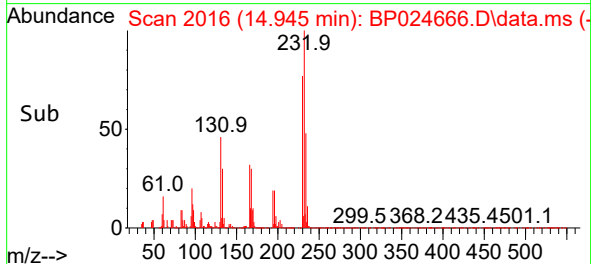
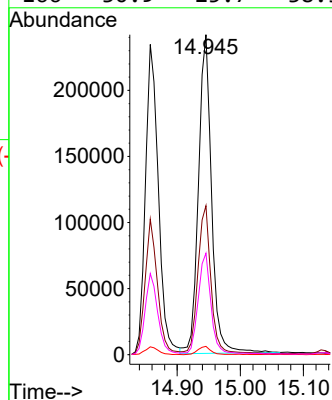
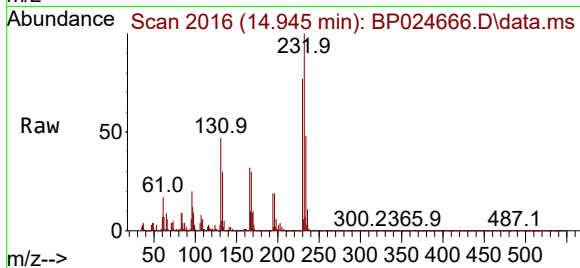




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.495 ng
RT: 14.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

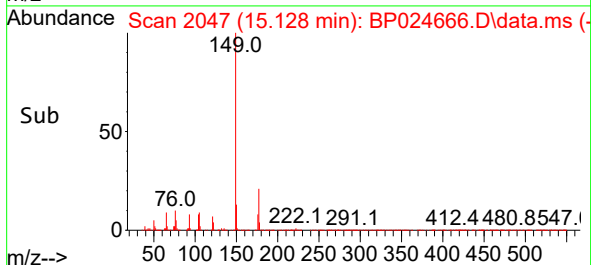
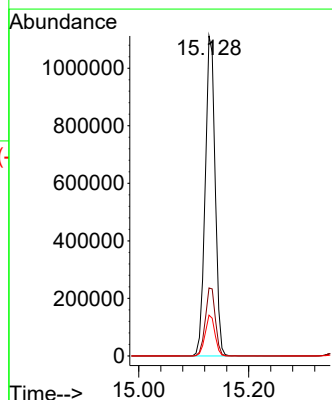
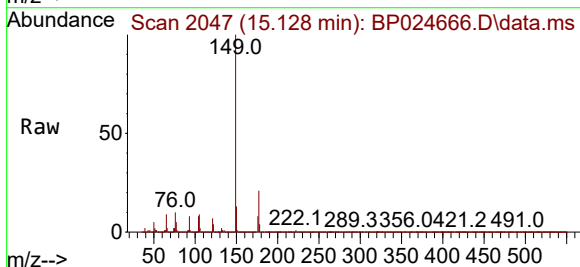
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

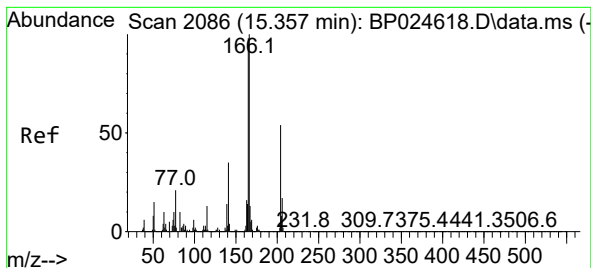
Tgt Ion:232 Resp: 347131
Ion Ratio Lower Upper
232 100
131 47.6 39.5 59.3
130 2.6 2.2 3.4
166 30.9 25.7 38.5



#60
Diethylphthalate
Concen: 46.888 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:149 Resp: 1388549
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.7 10.2 15.2

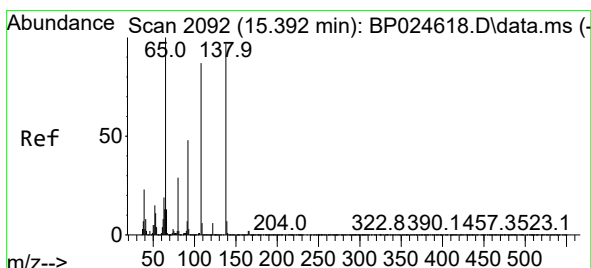
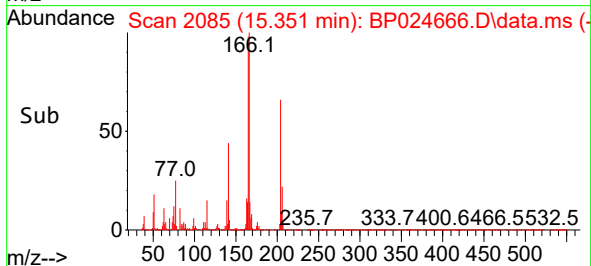
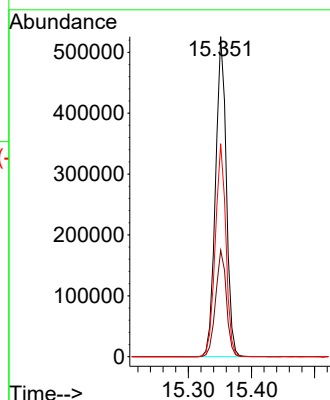
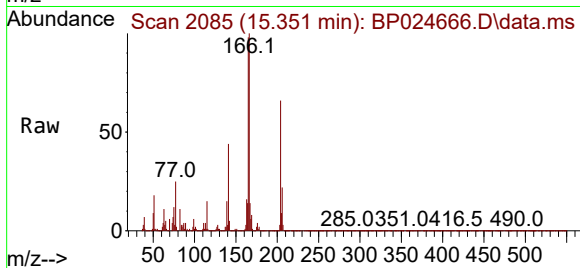




#61
4-Chlorophenyl-phenylether
Concen: 46.167 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

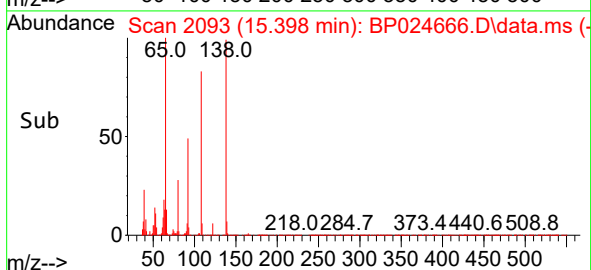
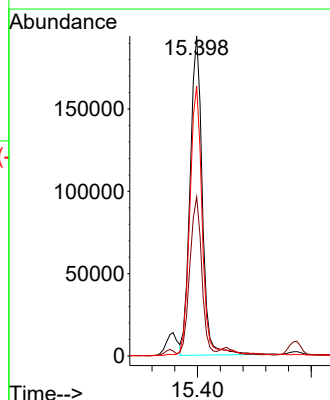
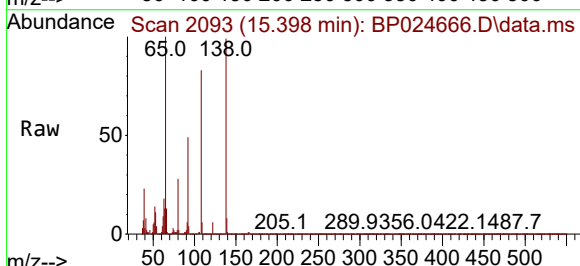
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

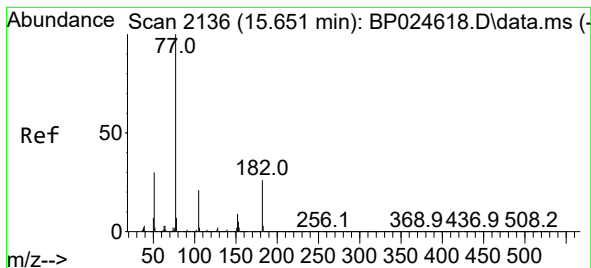
Tgt Ion:204 Resp: 624092
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 66.5 52.9 79.3



#62
4-Nitroaniline
Concen: 47.344 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:138 Resp: 288844
Ion Ratio Lower Upper
138 100
92 49.7 29.2 69.2
108 84.4 69.0 109.0

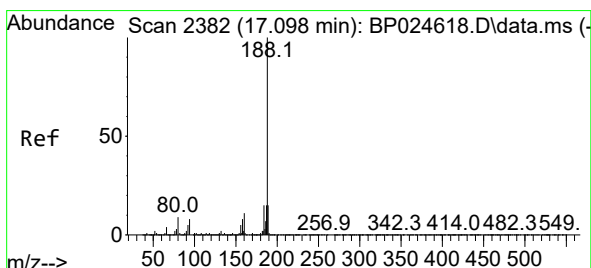
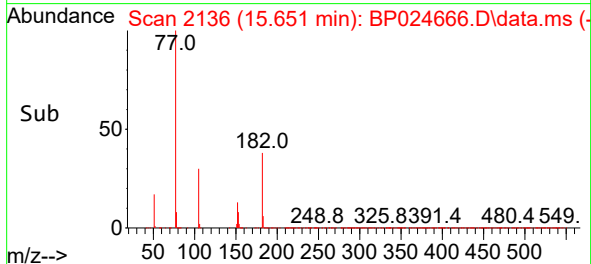
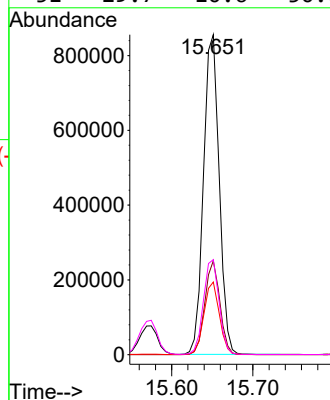
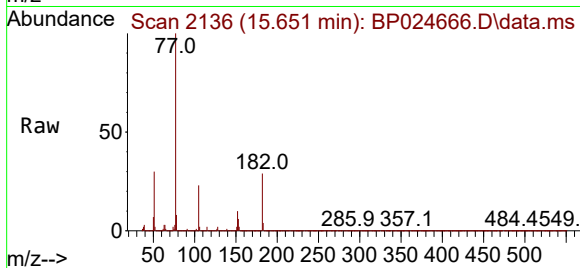




#63
Azobenzene
Concen: 45.235 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

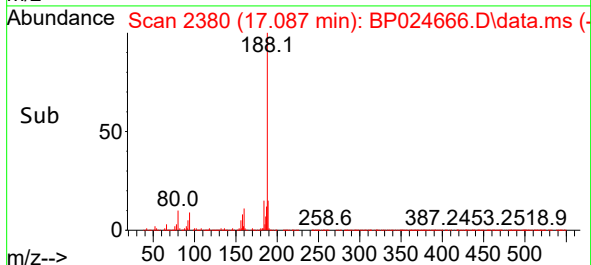
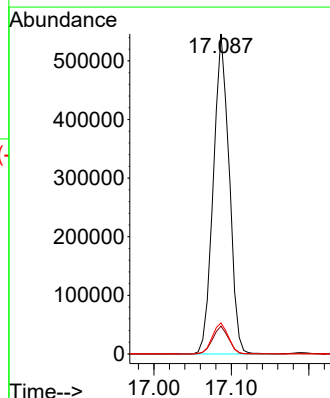
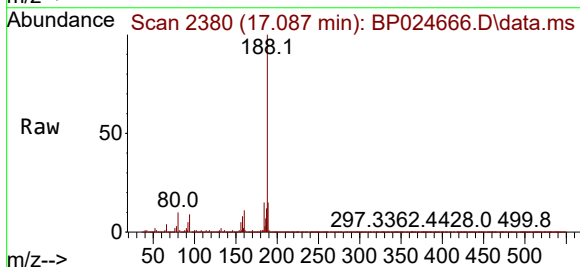
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

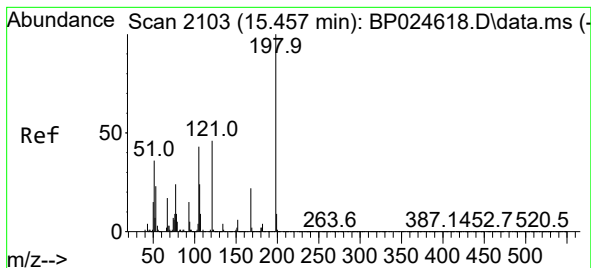
Tgt Ion: 77 Resp: 1145992
Ion Ratio Lower Upper
77 100
182 29.3 5.7 45.7
105 22.7 1.3 41.3
51 29.7 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:188 Resp: 774001
Ion Ratio Lower Upper
188 100
94 8.7 6.5 9.7
80 9.7 7.3 10.9

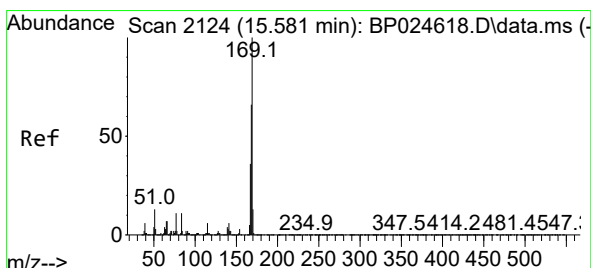
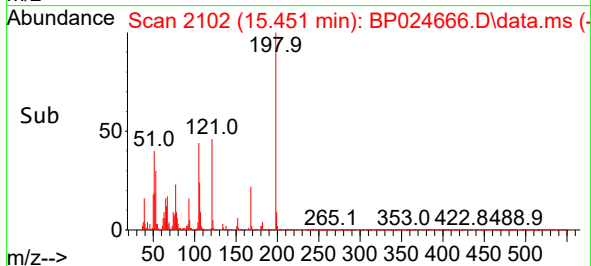
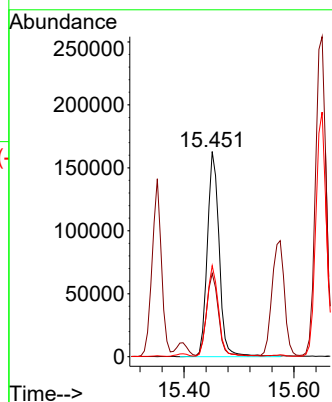
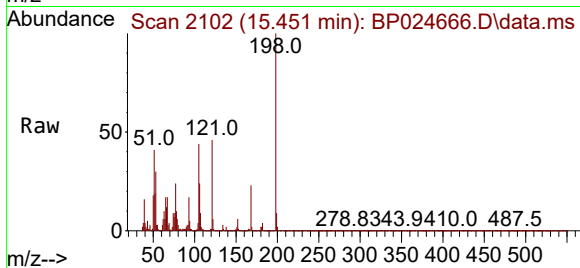




#65
4,6-Dinitro-2-methylphenol
Concen: 48.688 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

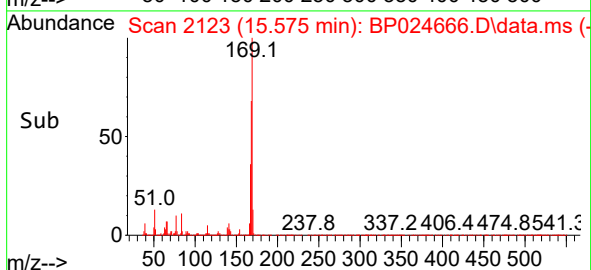
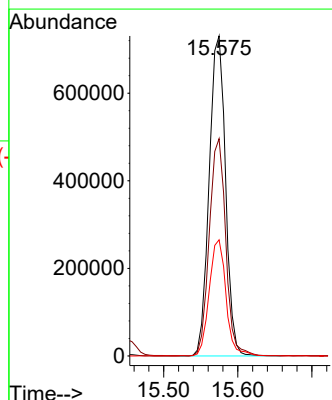
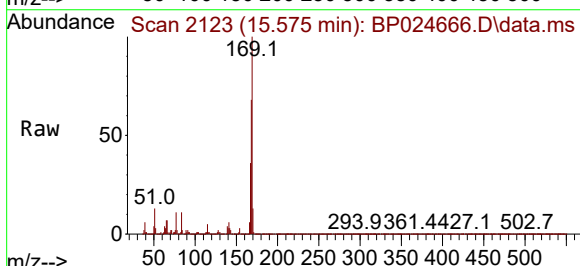
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

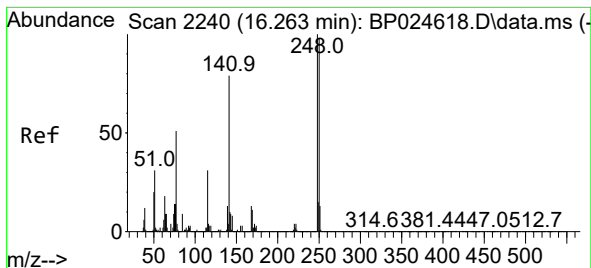
Tgt Ion:198 Resp: 243419
Ion Ratio Lower Upper
198 100
51 40.6 21.1 61.1
105 44.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 47.022 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:169 Resp: 1117905
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 36.3 28.6 43.0

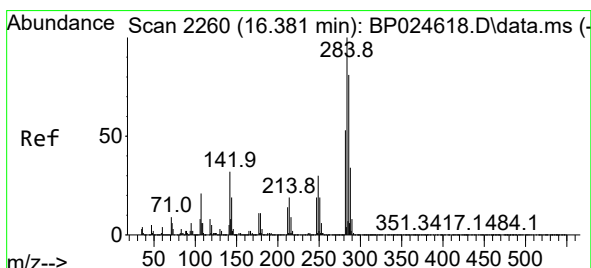
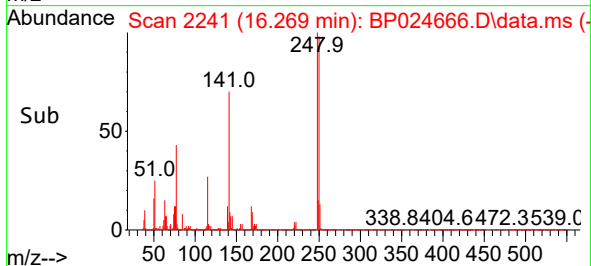
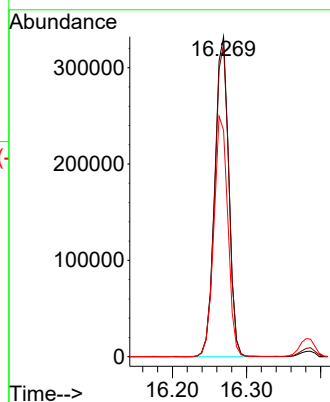
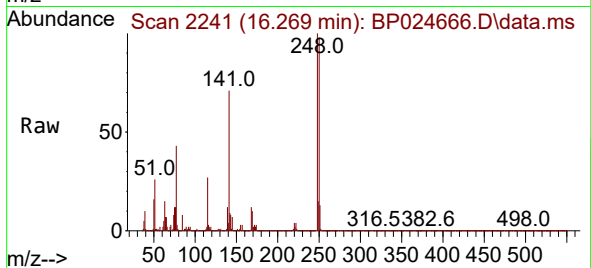




#67
4-Bromophenyl-phenylether
Concen: 47.649 ng
RT: 16.269 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

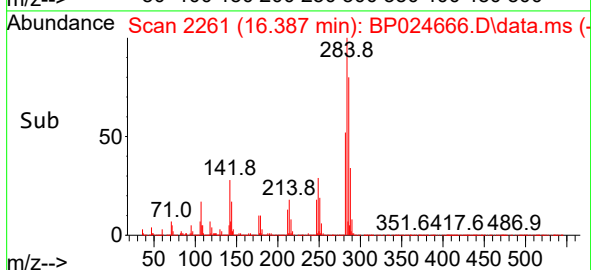
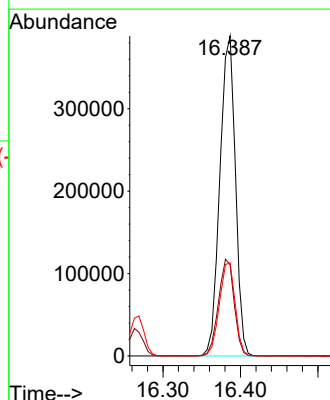
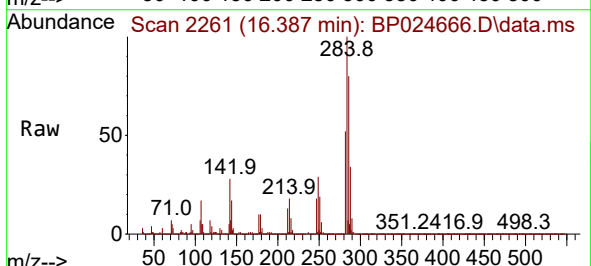
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

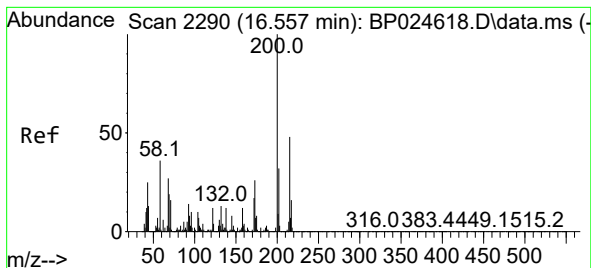
Tgt Ion:248 Resp: 434579
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.4
141 70.8 63.0 94.6



#68
Hexachlorobenzene
Concen: 46.674 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:284 Resp: 540912
Ion Ratio Lower Upper
284 100
142 28.4 25.9 38.9
249 29.1 24.1 36.1





#69

Atrazine

Concen: 47.818 ng

RT: 16.557 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

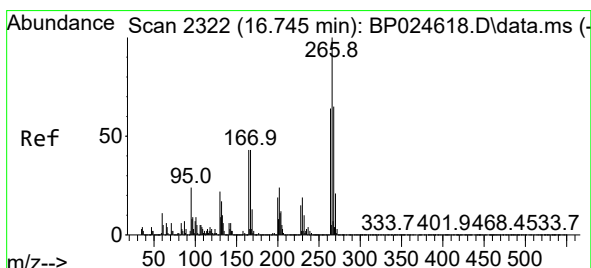
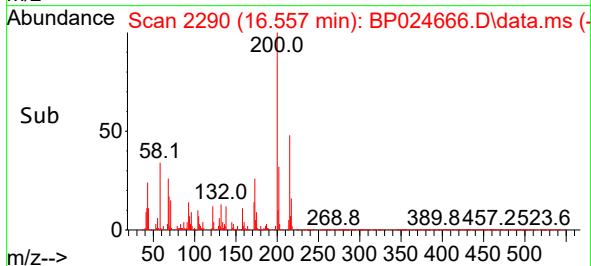
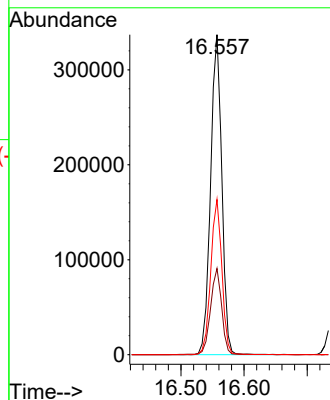
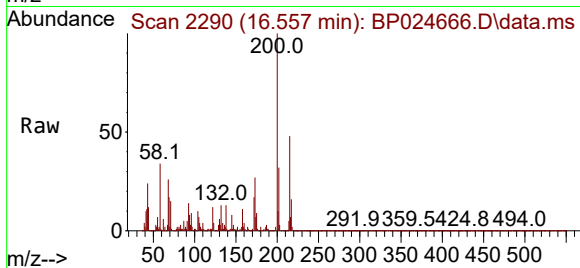
Tgt Ion:200 Resp: 416623

Ion Ratio Lower Upper

200 100

173 26.9 5.9 45.9

215 48.5 28.3 68.3



#70

Pentachlorophenol

Concen: 99.344 ng

RT: 16.751 min Scan# 2323

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

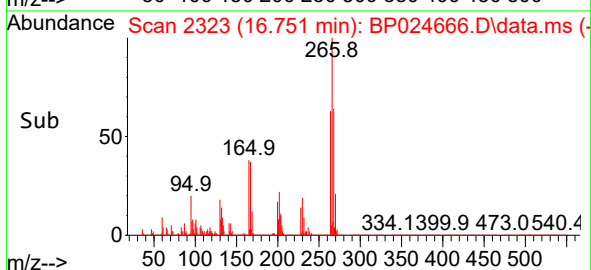
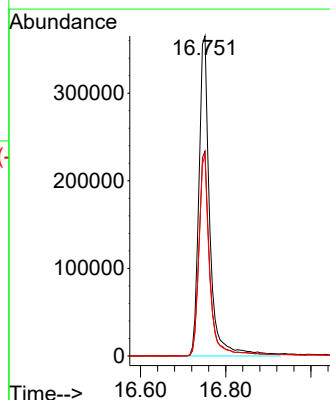
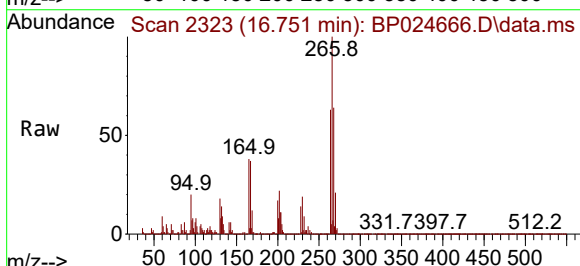
Tgt Ion:266 Resp: 646283

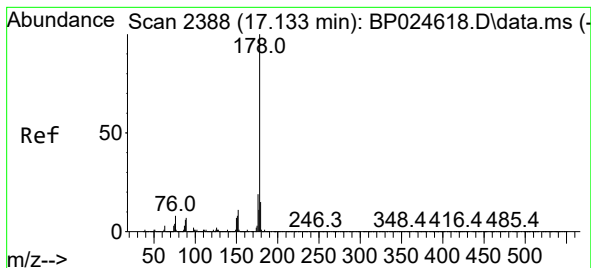
Ion Ratio Lower Upper

266 100

268 64.0 52.2 78.4

264 63.0 51.1 76.7





#71

Phenanthrene

Concen: 47.048 ng

RT: 17.134 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

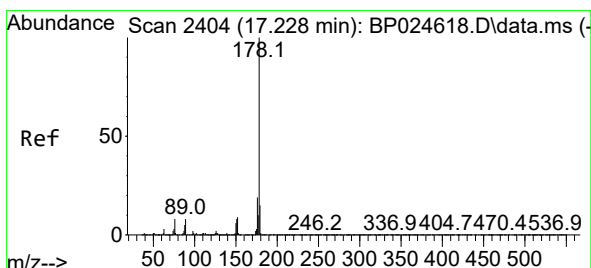
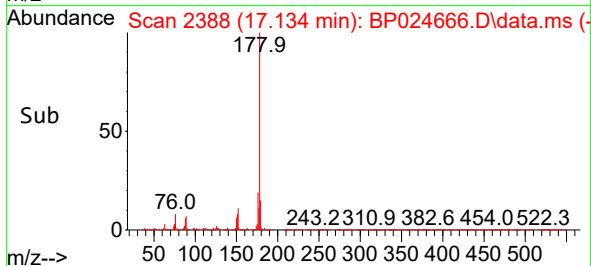
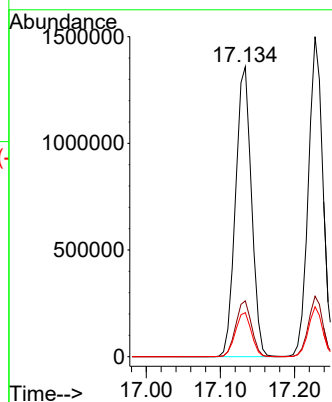
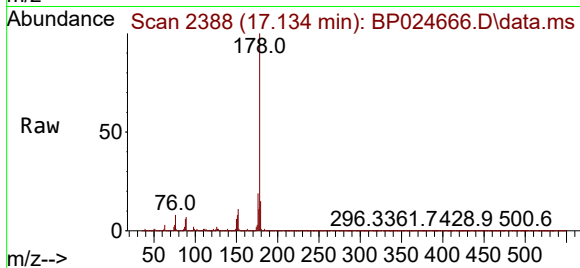
Tgt Ion:178 Resp: 2024358

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.2 12.2 18.4



#72

Anthracene

Concen: 47.292 ng

RT: 17.228 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

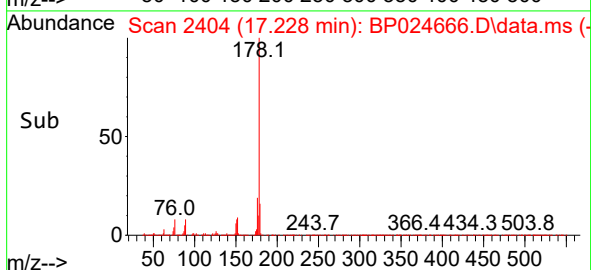
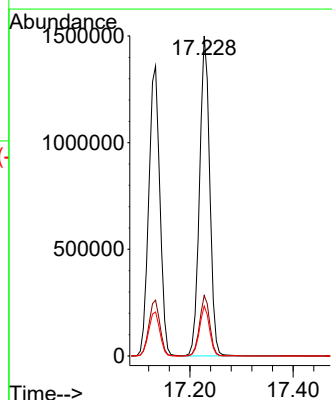
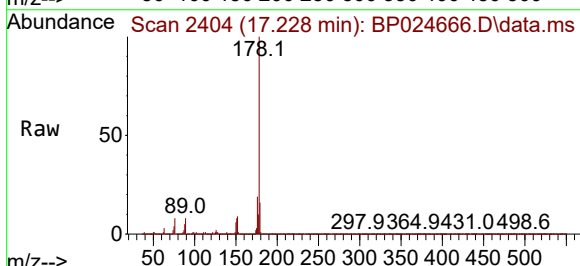
Tgt Ion:178 Resp: 2047288

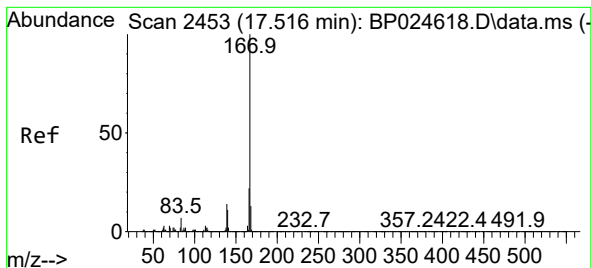
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.6 12.2 18.2





#73

Carbazole

Concen: 49.335 ng

RT: 17.516 min Scan# 2453

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

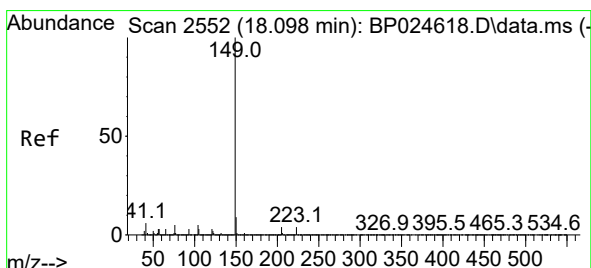
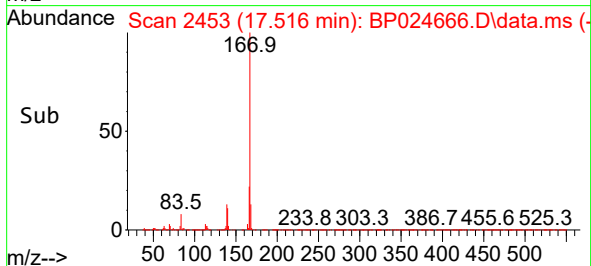
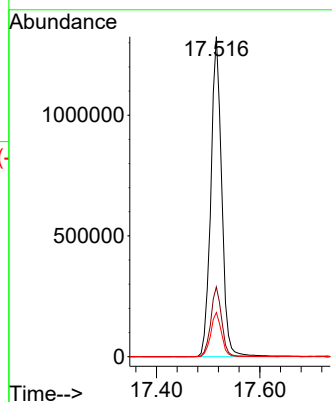
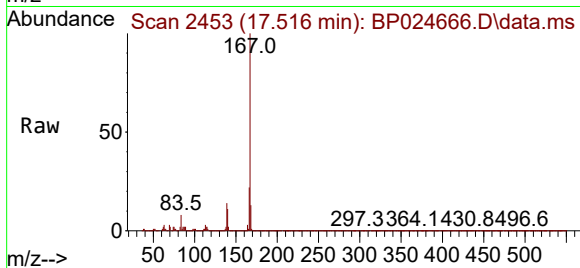
Tgt Ion:167 Resp: 1933058

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 13.8 11.3 16.9



#74

Di-n-butylphthalate

Concen: 48.778 ng

RT: 18.098 min Scan# 2552

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

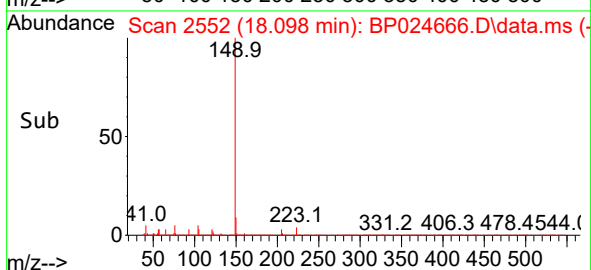
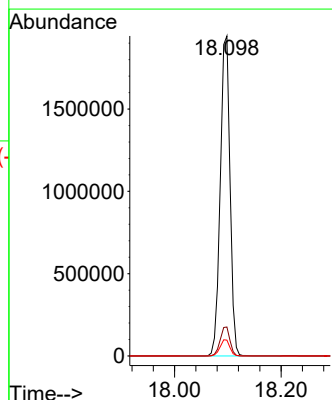
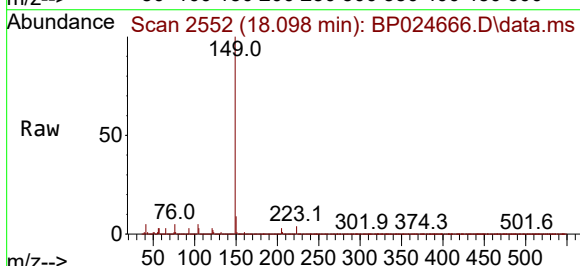
Tgt Ion:149 Resp: 2458034

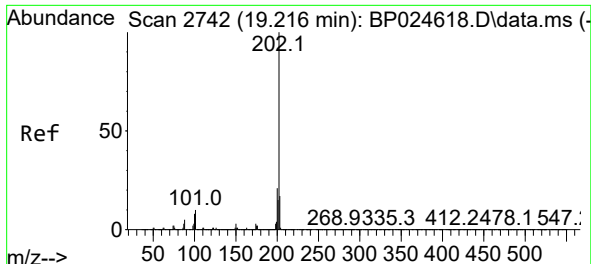
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.0 4.3 6.5

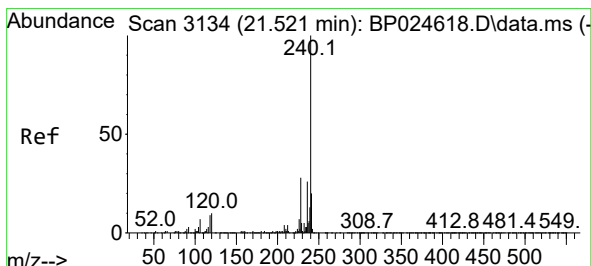
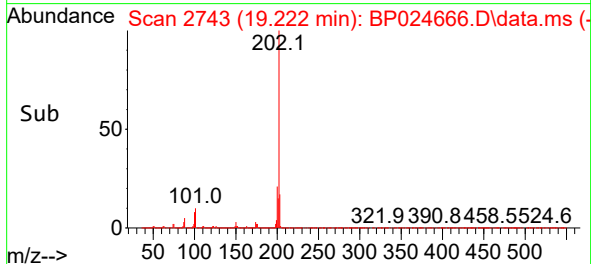
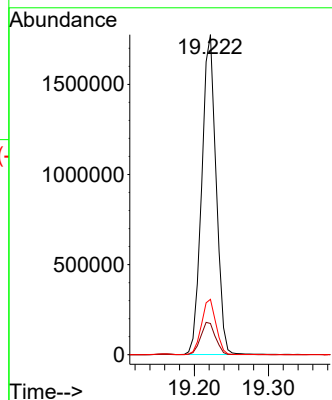
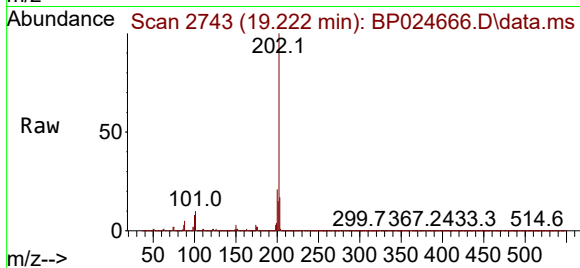




#75
Fluoranthene
Concen: 47.573 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

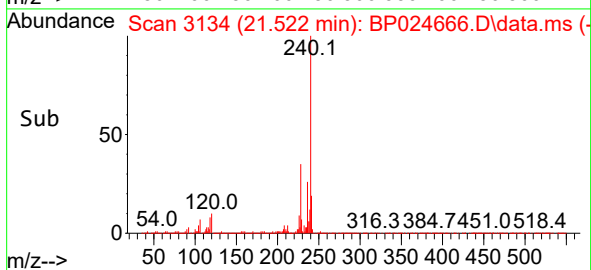
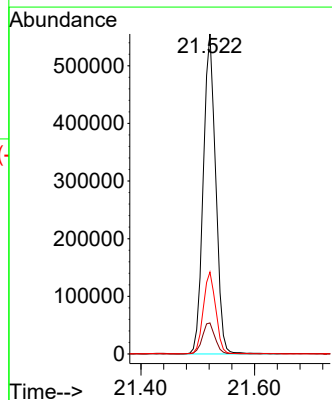
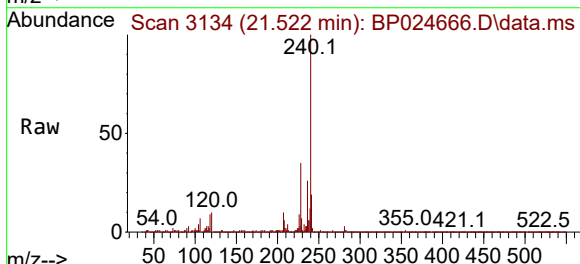
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

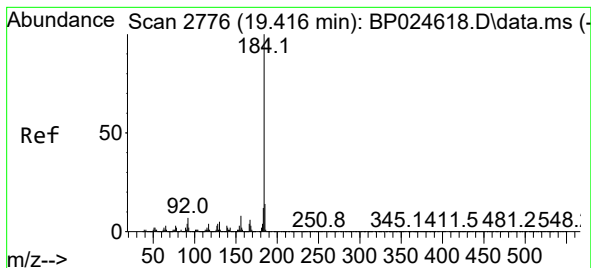
Tgt Ion:202 Resp: 2392754
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.3
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:240 Resp: 841480
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.6 20.6 31.0





#77

Benzidine

Concen: 24.689 ng

RT: 19.422 min Scan# 2777

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

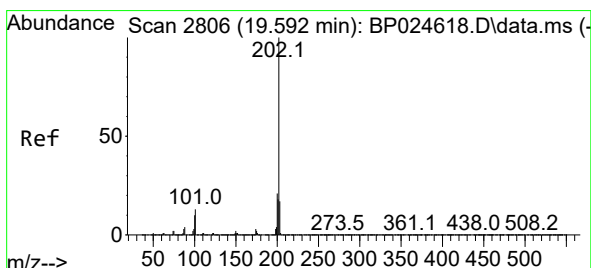
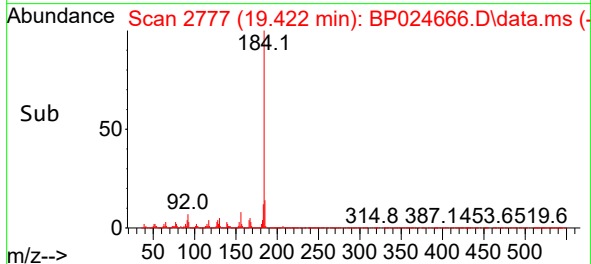
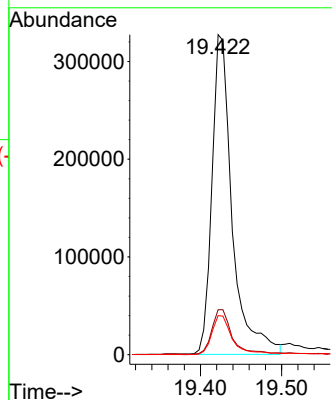
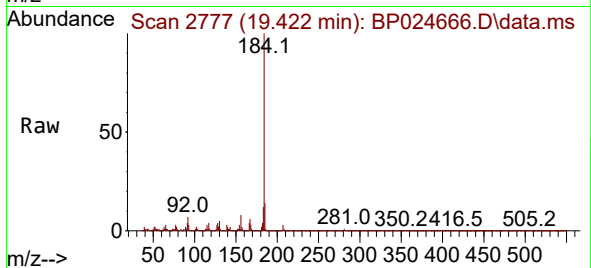
Tgt Ion:184 Resp: 565834

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 12.2 9.8 14.8



#78

Pyrene

Concen: 49.080 ng

RT: 19.598 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

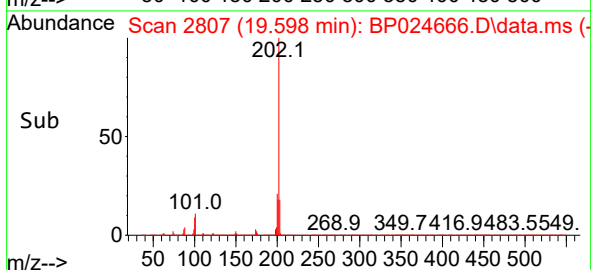
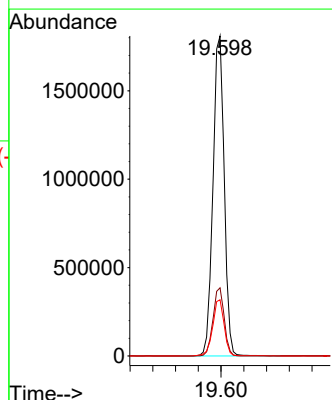
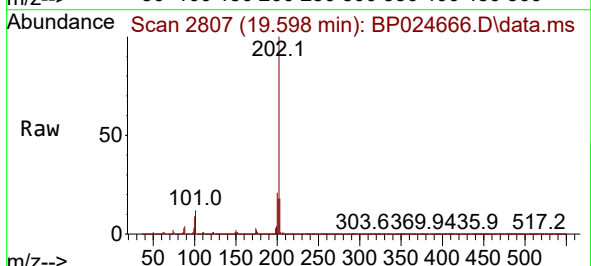
Tgt Ion:202 Resp: 2474599

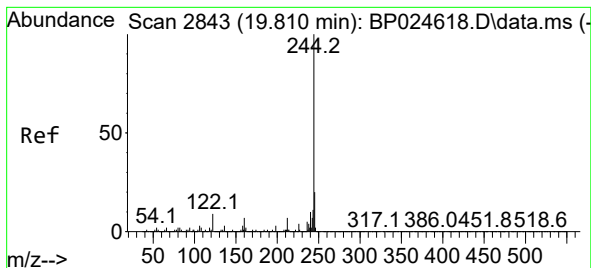
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 85.119 ng

RT: 19.816 min Scan# 2843

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

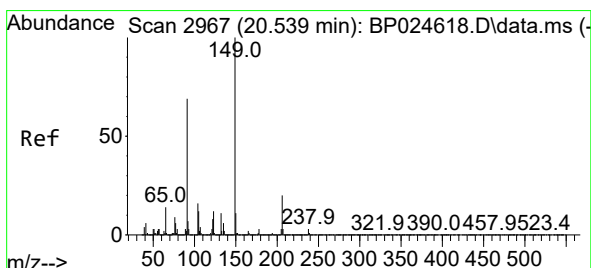
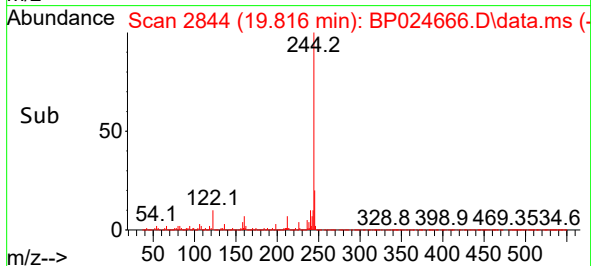
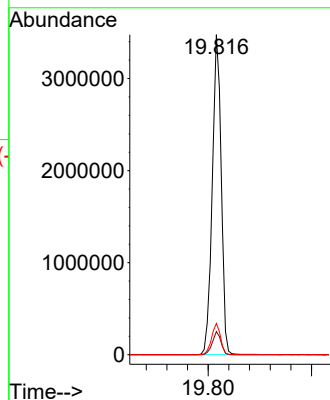
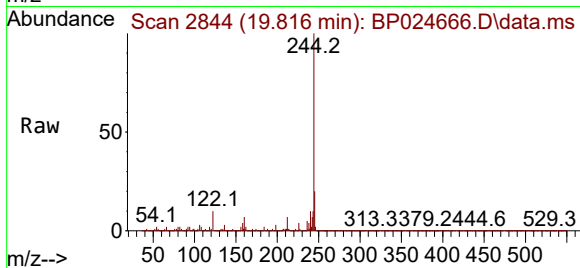
Tgt Ion:244 Resp: 4177183

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.7 7.4 11.0



#80

Butylbenzylphthalate

Concen: 51.286 ng

RT: 20.545 min Scan# 2968

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

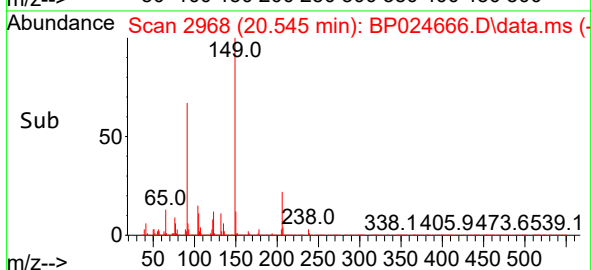
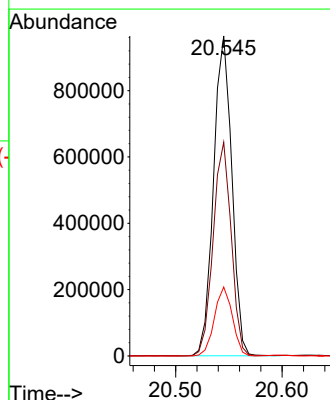
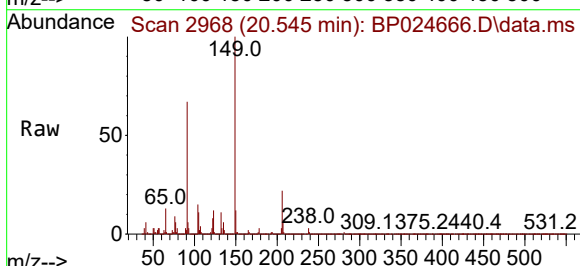
Tgt Ion:149 Resp: 1150021

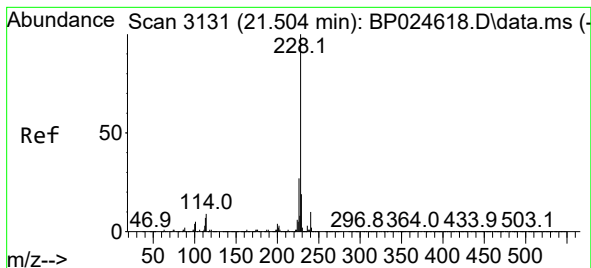
Ion Ratio Lower Upper

149 100

91 66.8 55.4 83.0

206 21.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.222 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

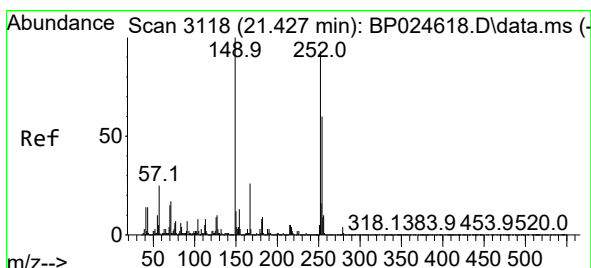
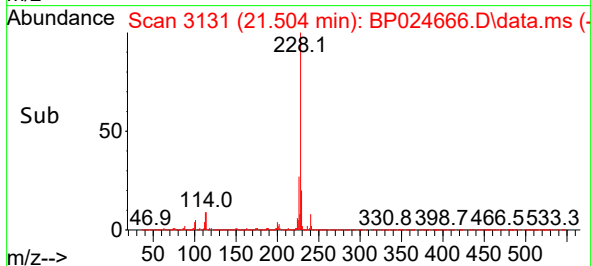
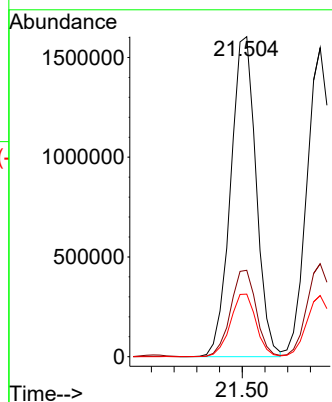
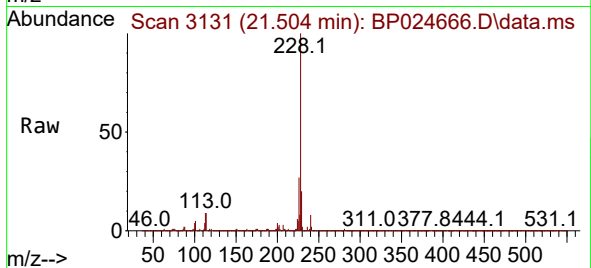
Tgt Ion:228 Resp: 2495117

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

229 19.5 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.049 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

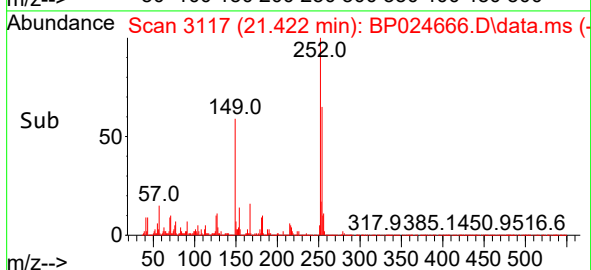
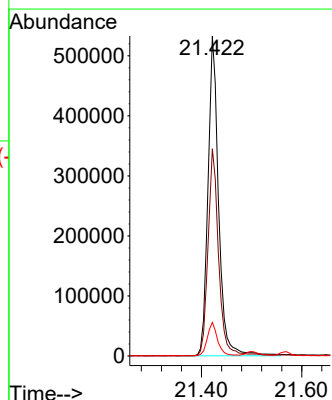
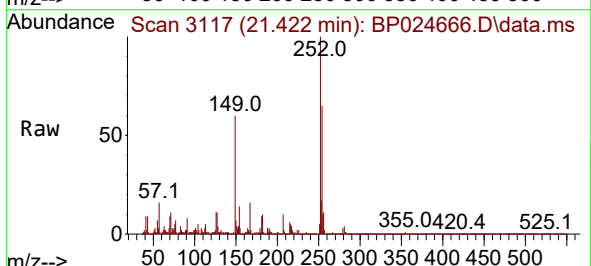
Tgt Ion:252 Resp: 785964

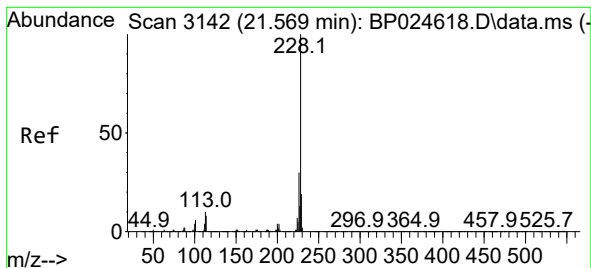
Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.6

126 10.5 7.7 11.5





#83

Chrysene

Concen: 46.518 ng

RT: 21.569 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

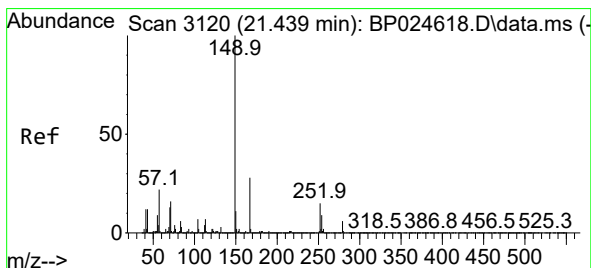
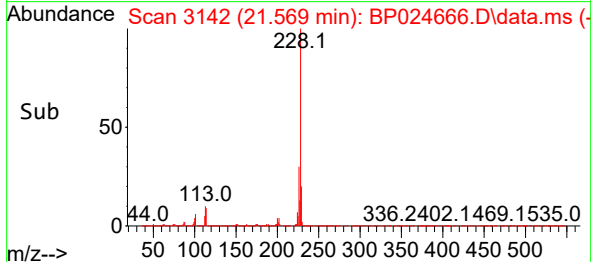
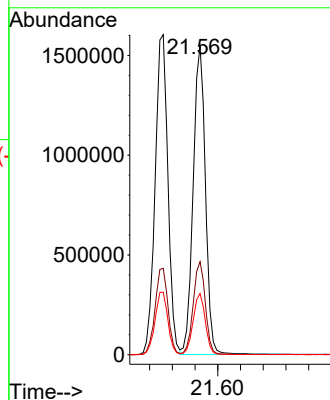
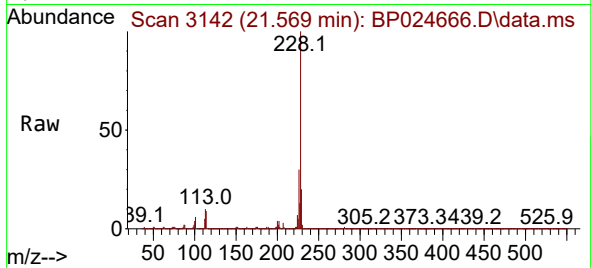
Tgt Ion:228 Resp: 2329973

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.446 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

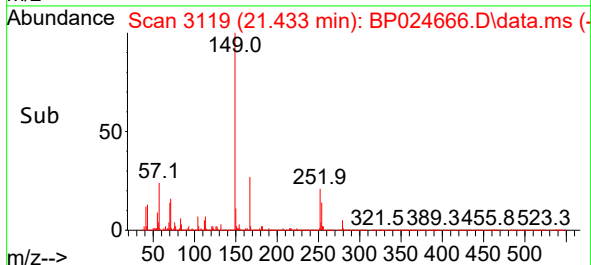
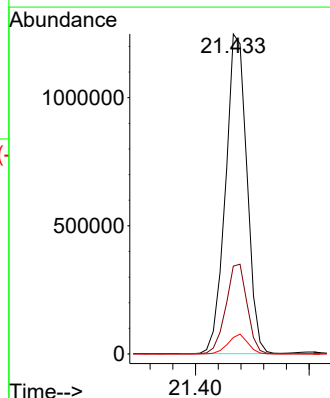
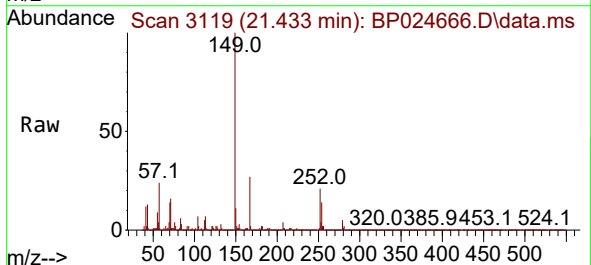
Tgt Ion:149 Resp: 1629692

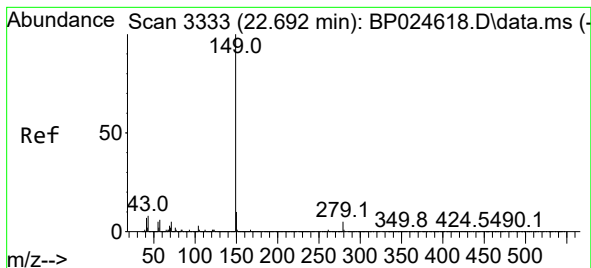
Ion Ratio Lower Upper

149 100

167 27.5 22.1 33.1

279 5.2 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 52.395 ng

RT: 22.692 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

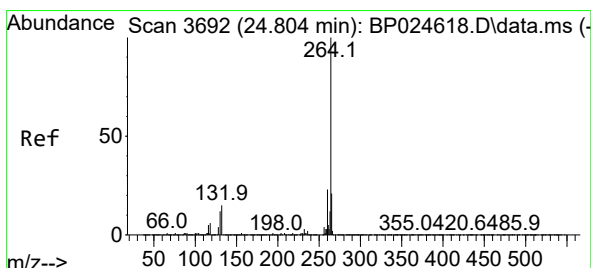
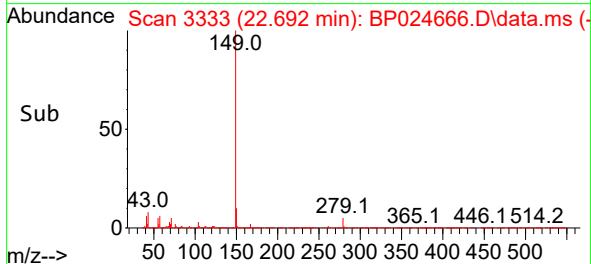
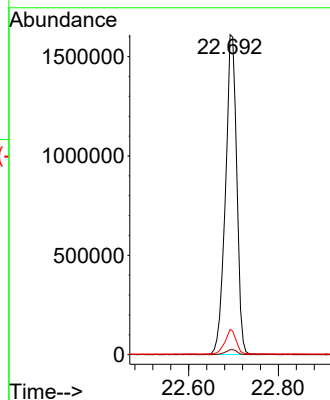
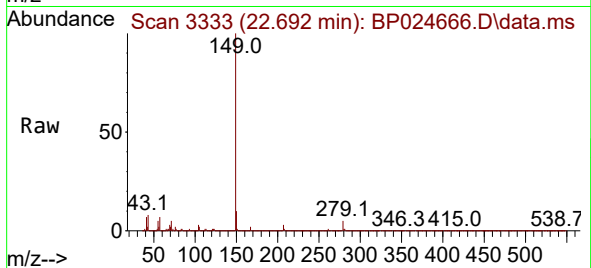
Tgt Ion:149 Resp: 2823944

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

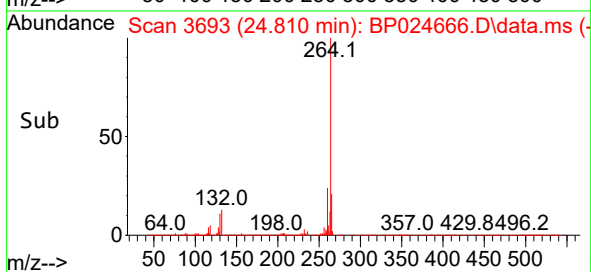
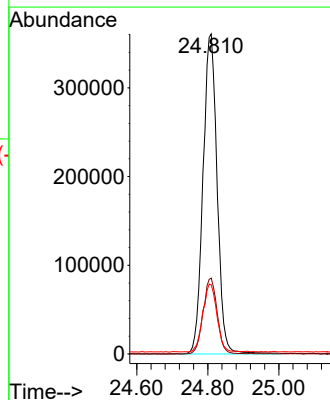
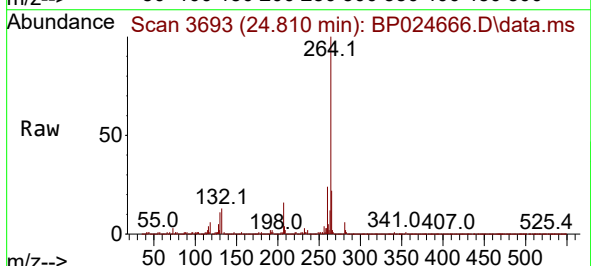
Tgt Ion:264 Resp: 998856

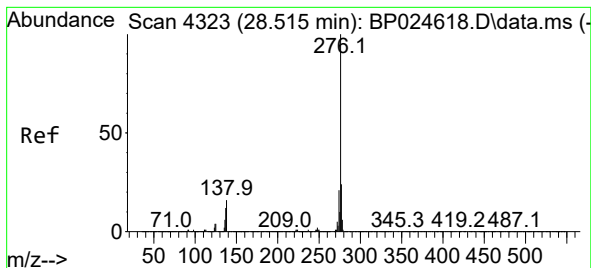
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.242 ng

RT: 28.533 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

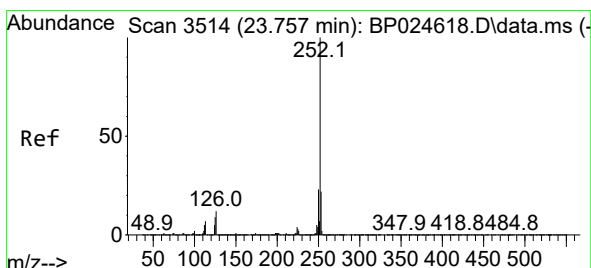
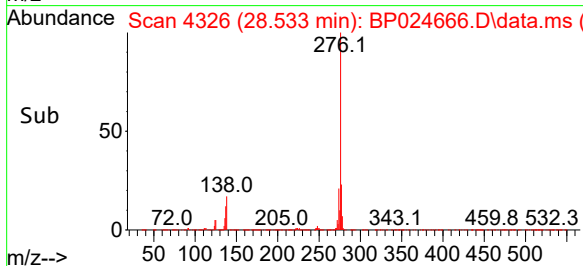
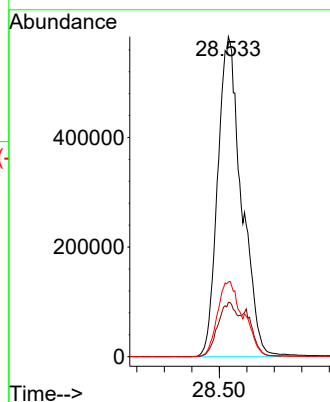
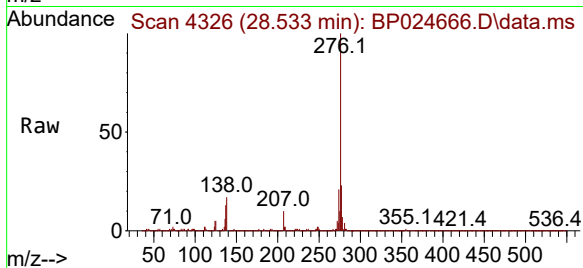
Tgt Ion:276 Resp: 3517921

Ion Ratio Lower Upper

276 100

138 14.6 11.2 16.8

277 20.5 15.7 23.5



#88

Benzo(b)fluoranthene

Concen: 47.099 ng

RT: 23.774 min Scan# 3517

Delta R.T. 0.018 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

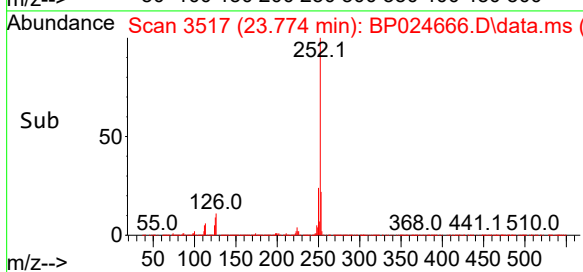
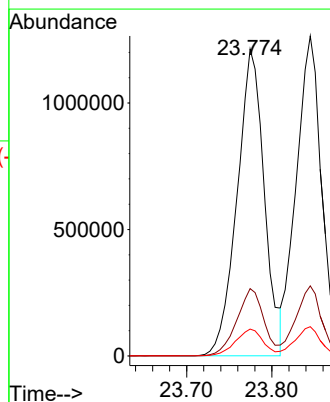
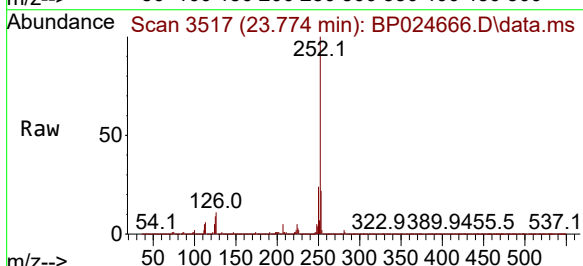
Tgt Ion:252 Resp: 2692797

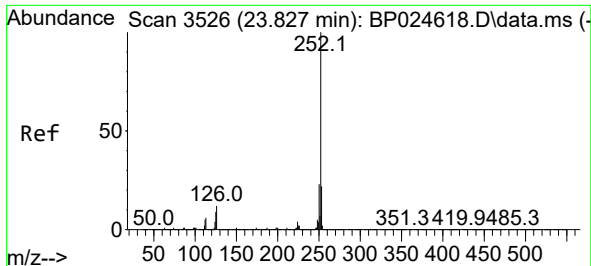
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.8 7.5 11.3

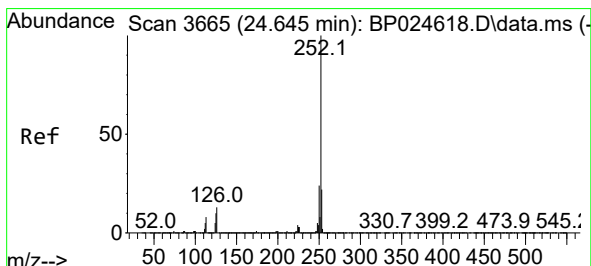
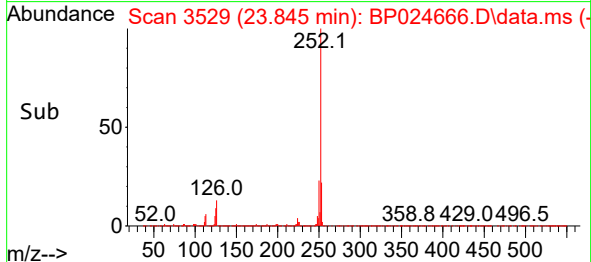
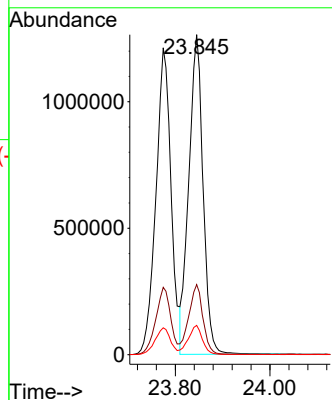
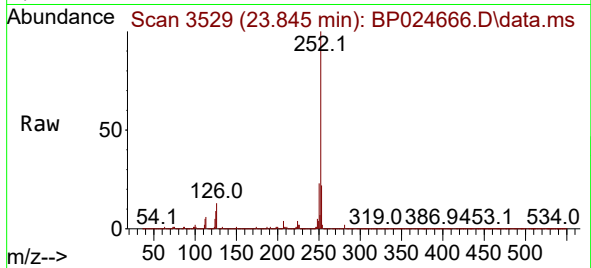




#89
Benzo(k)fluoranthene
Concen: 44.733 ng
RT: 23.845 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

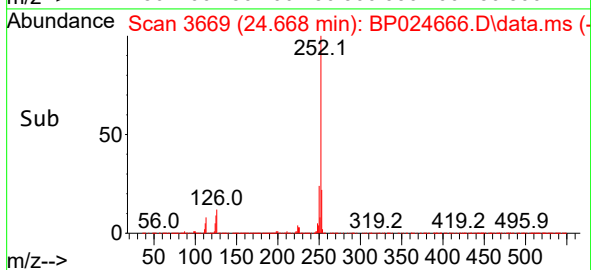
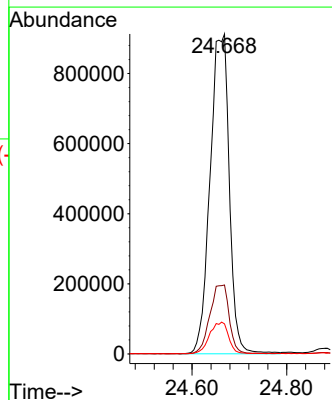
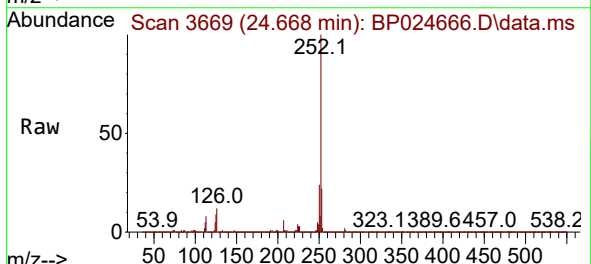
Instrument :
BNA_P
ClientSampleId :
MH-KMSD

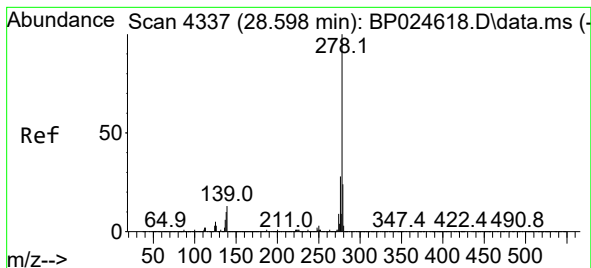
Tgt Ion:252 Resp: 2635381
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.1 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.769 ng
RT: 24.668 min Scan# 3669
Delta R.T. 0.024 min
Lab File: BP024666.D
Acq: 16 May 2025 21:03

Tgt Ion:252 Resp: 2568096
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 49.180 ng

RT: 28.604 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Instrument :

BNA_P

ClientSampleId :

MH-KMSD

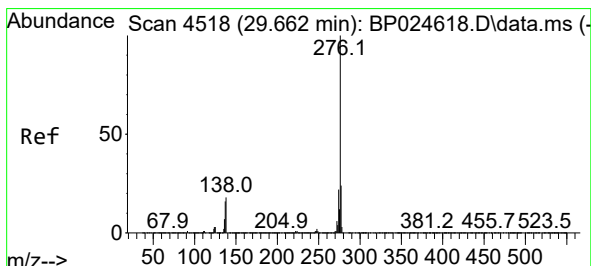
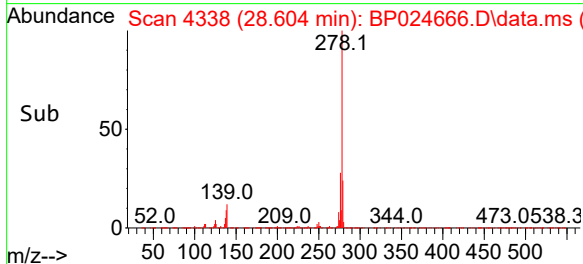
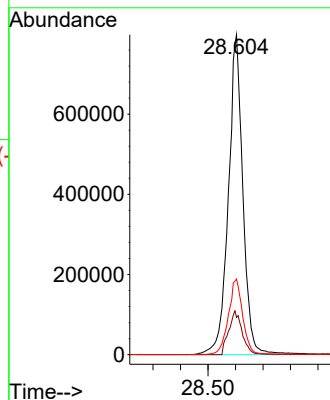
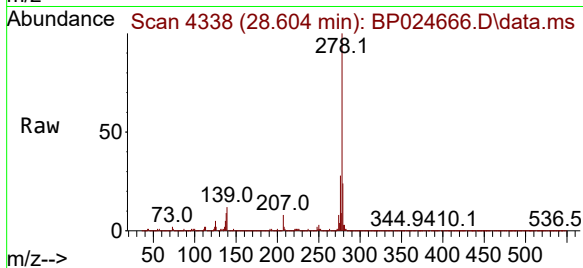
Tgt Ion:278 Resp: 2917615

Ion Ratio Lower Upper

278 100

139 11.6 10.2 15.4

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.407 ng

RT: 29.703 min Scan# 4525

Delta R.T. 0.041 min

Lab File: BP024666.D

Acq: 16 May 2025 21:03

Tgt Ion:276 Resp: 2855801

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 18.2 14.4 21.6

