

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024665.D
 Acq On : 16 May 2025 20:22
 Operator : RC/JU
 Sample : Q2019-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-KMS

Quant Time: May 17 00:46:35 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	7.658	152	147267	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	583402	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	362698	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	717901	20.000	ng	0.00
76) Chrysene-d12	21.527	240	829483	20.000	ng	0.00
86) Perylene-d12	24.804	264	1012511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1097538	127.469	ng	0.02
7) Phenol-d6	6.881	99	1262897	114.923	ng	0.03
23) Nitrobenzene-d5	8.810	82	881951	76.383	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	805544	131.009	ng	0.01
45) 2-Fluorobiphenyl	12.910	172	2115294	76.408	ng	0.00
79) Terphenyl-d14	19.822	244	3804552	78.647	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	135248	33.451	ng	# 60
3) Pyridine	3.634	79	310583	34.644	ng	99
4) n-Nitrosodimethylamine	3.534	42	155753	39.353	ng	97
6) Aniline	7.005	93	281422	19.835	ng	99
8) 2-Chlorophenol	7.252	128	431051	44.100	ng	99
9) Benzaldehyde	6.816	77	173942	24.452	ng	100
10) Phenol	6.911	94	452203	39.870	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	380986	40.879	ng	99
12) 1,3-Dichlorobenzene	7.552	146	424136	37.716	ng	99
13) 1,4-Dichlorobenzene	7.693	146	433029	38.286	ng	99
14) 1,2-Dichlorobenzene	8.005	146	423804	38.454	ng	100
15) Benzyl Alcohol	7.911	79	381974	45.741	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	426454	38.209	ng	99
17) 2-Methylphenol	8.134	107	351298	43.184	ng	98
18) Hexachloroethane	8.722	117	152969	35.293	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	292710	38.507	ng	99
20) 3+4-Methylphenols	8.463	107	472933	42.739	ng	# 81
22) Acetophenone	8.475	105	624758	42.871	ng	97
24) Nitrobenzene	8.852	77	433345	42.648	ng	97
25) Isophorone	9.375	82	845396	42.209	ng	100
26) 2-Nitrophenol	9.558	139	234277	47.052	ng	98
27) 2,4-Dimethylphenol	9.640	122	402709	45.874	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	503957	42.116	ng	99
29) 2,4-Dichlorophenol	10.122	162	404416	47.540	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	401897	41.924	ng	97
31) Naphthalene	10.475	128	1273386	42.120	ng	100
32) Benzoic acid	9.810	122	162446	29.914	ng	97
33) 4-Chloroaniline	10.610	127	123255	10.103	ng	98
34) Hexachlorobutadiene	10.757	225	248176	39.963	ng	98
35) Caprolactam	11.399	113	121684	39.536	ng	97
36) 4-Chloro-3-methylphenol	11.769	107	468600	45.170	ng	97
37) 2-Methylnaphthalene	12.099	142	825277	42.158	ng	99
38) 1-Methylnaphthalene	12.316	142	873110	41.685	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	470292	44.652	ng	100
41) Hexachlorocyclopentadiene	12.446	237	407428	63.796	ng	97
43) 2,4,6-Trichlorophenol	12.728	196	329246	48.263	ng	99

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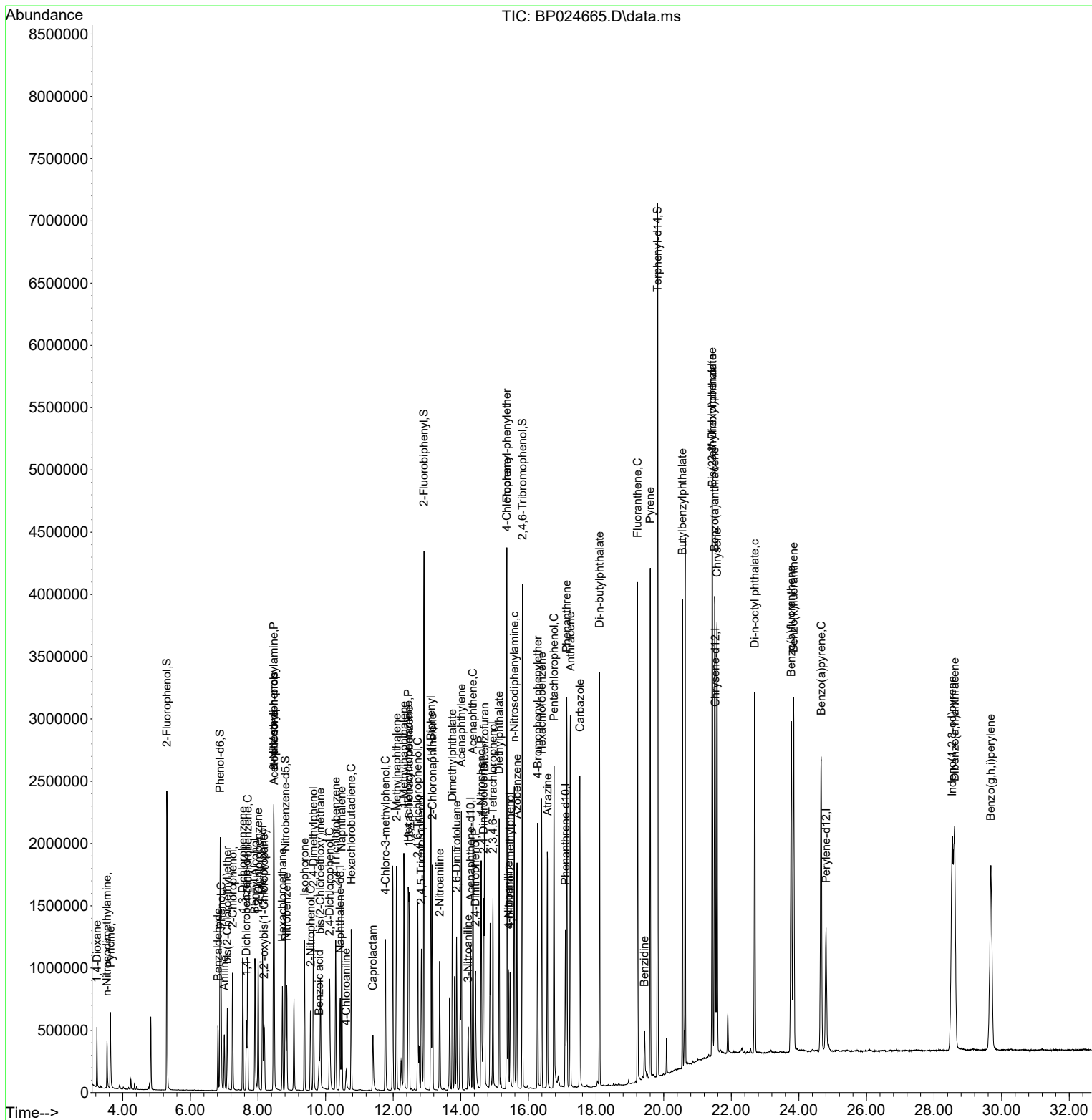
Instrument :
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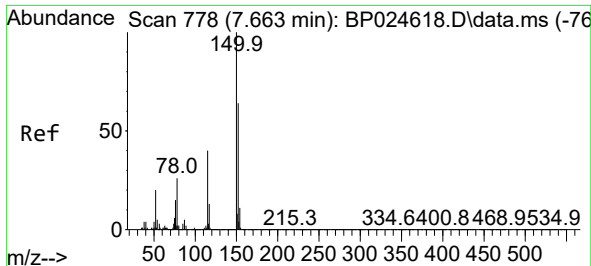
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.834	196	353732	46.583	ng	97
46) 1,1'-Biphenyl	13.116	154	1210425	45.153	ng	99
47) 2-Chloronaphthalene	13.163	162	915584	44.794	ng	99
48) 2-Nitroaniline	13.375	65	287162	47.454	ng	99
49) Acenaphthylene	14.016	152	1543937	45.137	ng	99
50) Dimethylphthalate	13.751	163	1252945	45.323	ng	100
51) 2,6-Dinitrotoluene	13.875	165	268690	46.021	ng	96
52) Acenaphthene	14.357	154	870145	44.250	ng	100
53) 3-Nitroaniline	14.216	138	163872	27.488	ng	96
54) 2,4-Dinitrophenol	14.434	184	306966	83.107	ng	97
55) Dibenzofuran	14.704	168	1393080	44.414	ng	98
56) 4-Nitrophenol	14.604	139	384998	74.881	ng	98
57) 2,4-Dinitrotoluene	14.675	165	391637	47.580	ng	98
58) Fluorene	15.363	166	1164277	45.523	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.951	232	294896	41.863	ng	99
60) Diethylphthalate	15.134	149	1234706	44.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	571638	44.818	ng	99
62) 4-Nitroaniline	15.410	138	256838	44.619	ng	95
63) Azobenzene	15.663	77	1043486	43.655	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	216437	46.674	ng	99
66) n-Nitrosodiphenylamine	15.581	169	1011520	45.872	ng	100
67) 4-Bromophenyl-phenylether	16.275	248	391608	46.293	ng	98
68) Hexachlorobenzene	16.392	284	488918	45.484	ng	96
69) Atrazine	16.563	200	376146	46.546	ng	99
70) Pentachlorophenol	16.757	266	567701	94.084	ng	99
71) Phenanthrene	17.134	178	1807859	45.299	ng	100
72) Anthracene	17.239	178	1850633	46.089	ng	100
73) Carbazole	17.522	167	1743175	47.965	ng	99
74) Di-n-butylphthalate	18.104	149	2197149	47.008	ng	99
75) Fluoranthene	19.228	202	2163349	46.373	ng	100
77) Benzidine	19.433	184	341339	15.109	ng	99
78) Pyrene	19.604	202	2273589	45.746	ng	99
80) Butylbenzylphthalate	20.557	149	1047793	47.403	ng	97
81) Benzo(a)anthracene	21.510	228	2378394	45.664	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	683626	35.338	ng	99
83) Chrysene	21.580	228	2236227	45.292	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1551307	47.749	ng	99
85) Di-n-octyl phthalate	22.692	149	2682489	50.491	ng	99
87) Indeno(1,2,3-cd)pyrene	28.533	276	3542628	47.926	ng	# 90
88) Benzo(b)fluoranthene	23.774	252	2671679	46.100	ng	100
89) Benzo(k)fluoranthene	23.845	252	2648831	44.355	ng	99
90) Benzo(a)pyrene	24.663	252	2549626	45.807	ng	99
91) Dibenzo(a,h)anthracene	28.609	278	2910834	48.404	ng	100
92) Benzo(g,h,i)perylene	29.680	276	2852013	47.691	ng	99

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

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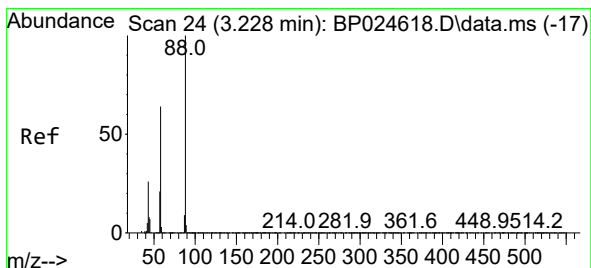
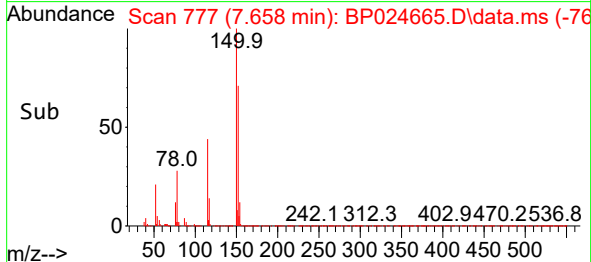
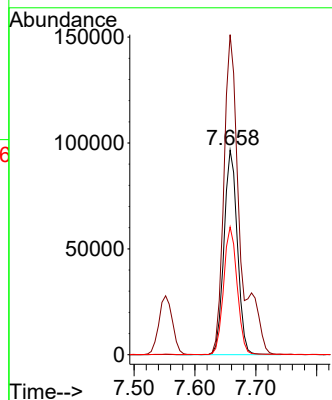
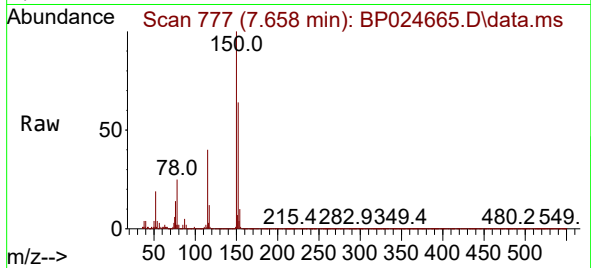




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

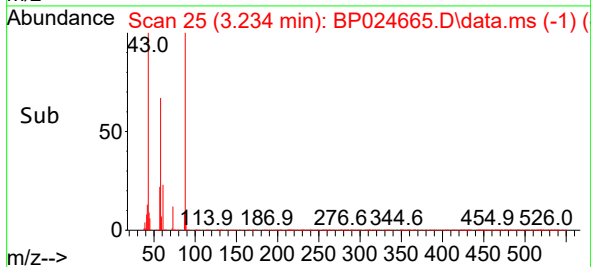
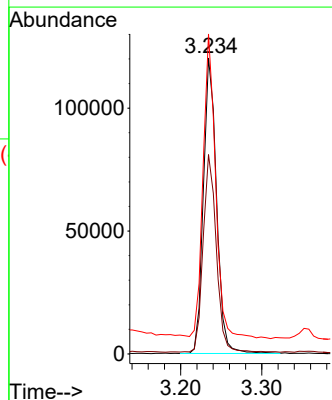
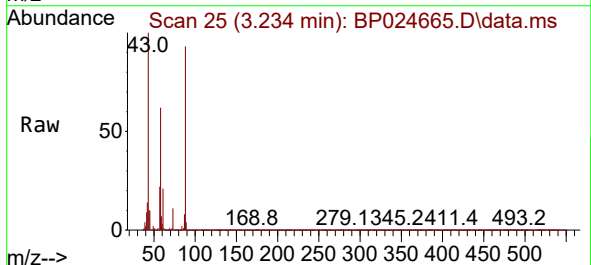
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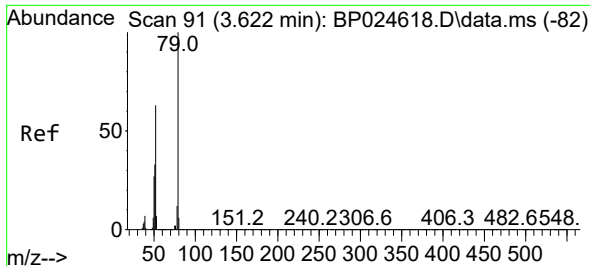
Tgt Ion:152 Resp: 147267
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 62.5 50.1 75.1



#2
1,4-Dioxane
Concen: 33.451 ng
RT: 3.234 min Scan# 25
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 88 Resp: 135248
Ion Ratio Lower Upper
88 100
58 67.2 54.0 81.0
43 98.6 21.4 32.0#

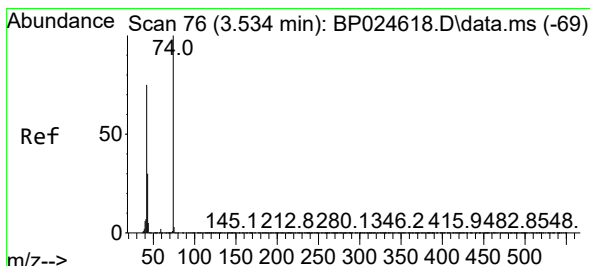
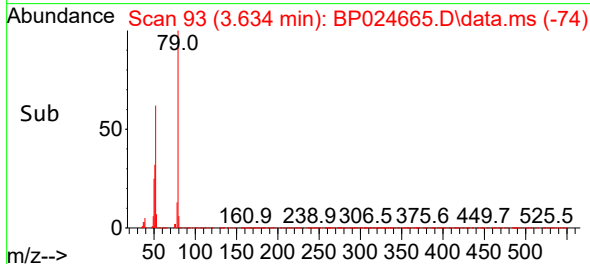
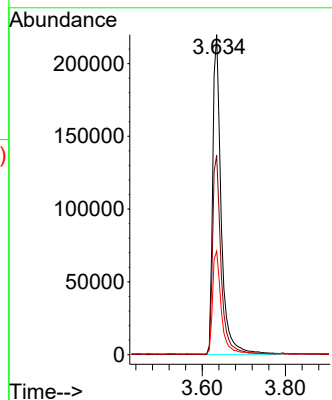
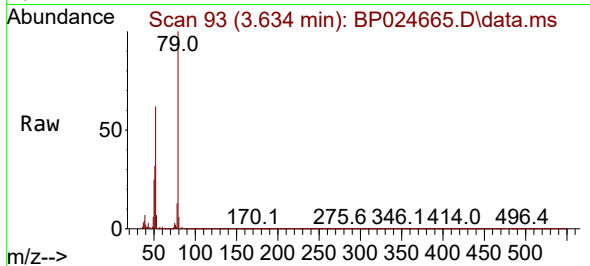




#3
Pyridine
Concen: 34.644 ng
RT: 3.634 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

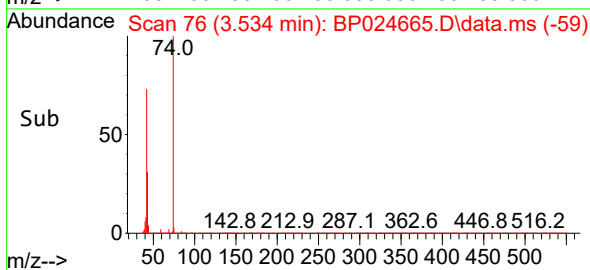
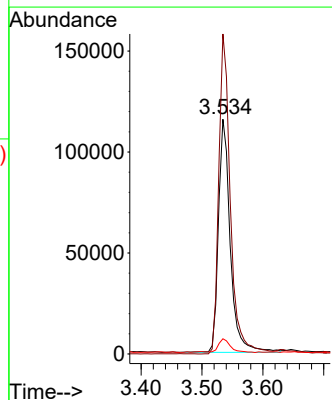
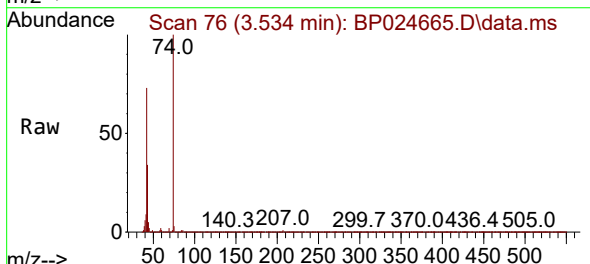
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BNA_P
ClientSampleId :
MH-KMS

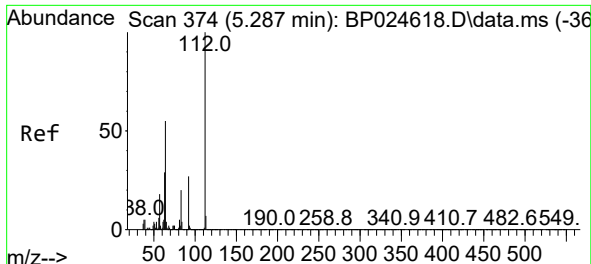
Tgt Ion: 79 Resp: 310583
Ion Ratio Lower Upper
79 100
52 62.3 50.2 75.2
51 32.3 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 39.353 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 42 Resp: 155753
Ion Ratio Lower Upper
42 100
74 136.3 106.2 159.2
44 6.5 5.4 8.2

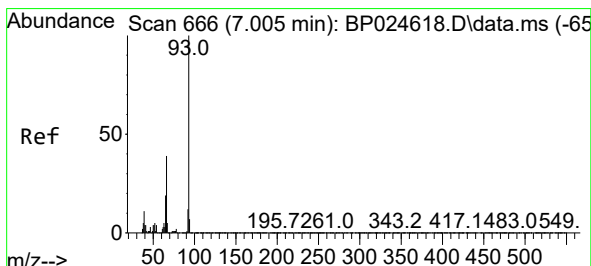
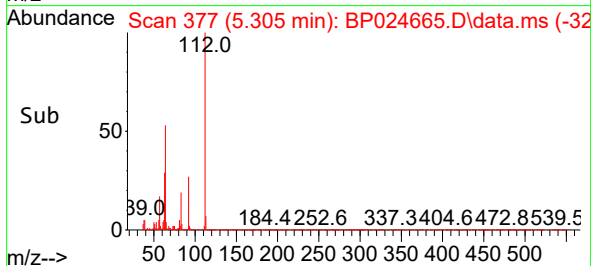
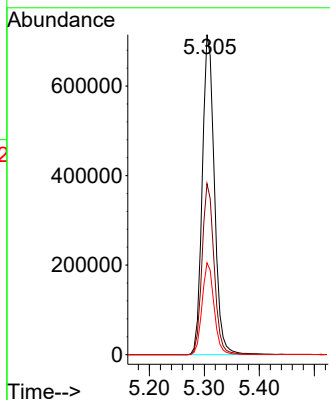
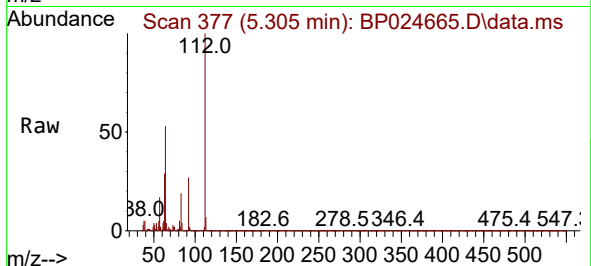




#5
2-Fluorophenol
Concen: 127.469 ng
RT: 5.305 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

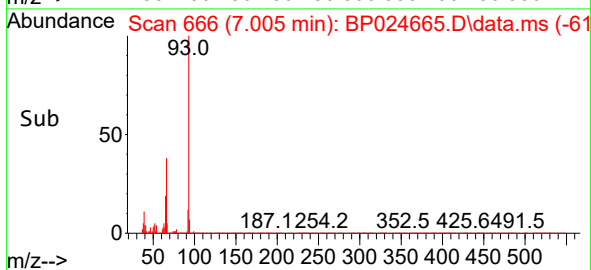
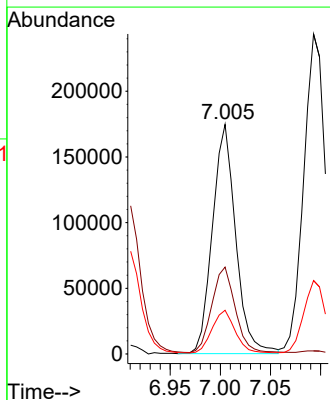
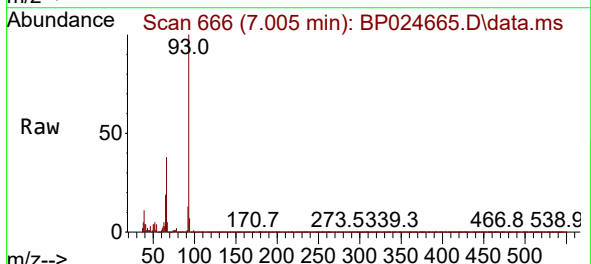
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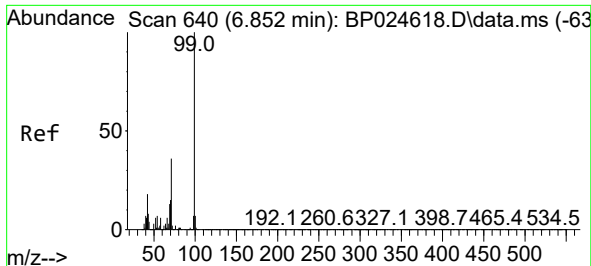
Tgt Ion:112 Resp: 1097538
Ion Ratio Lower Upper
112 100
64 53.4 44.1 66.1
63 28.7 23.5 35.3



#6
Aniline
Concen: 19.835 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 93 Resp: 281422
Ion Ratio Lower Upper
93 100
66 37.8 31.0 46.6
65 19.0 15.5 23.3

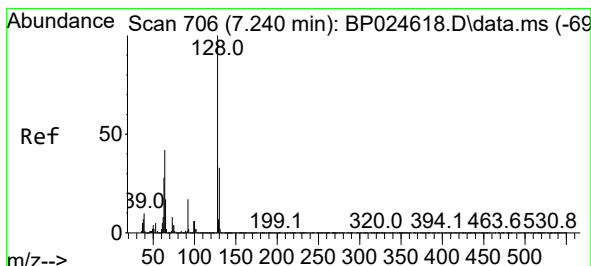
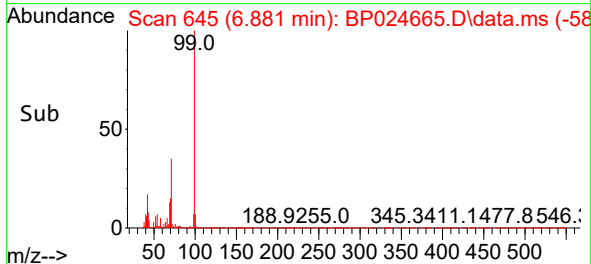
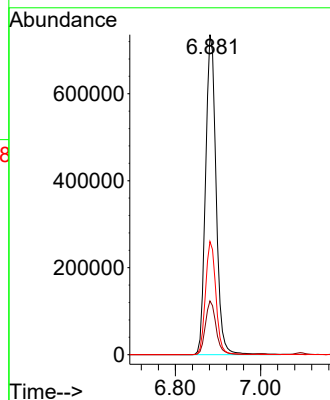
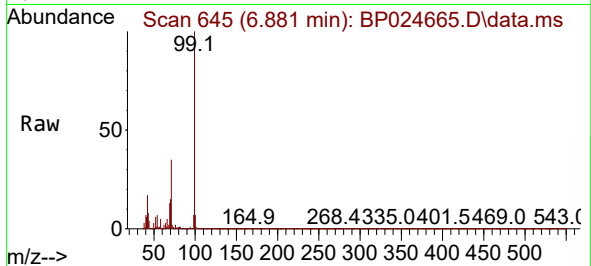




#7
Phenol-d6
Concen: 114.923 ng
RT: 6.881 min Scan# 640
Delta R.T. 0.030 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

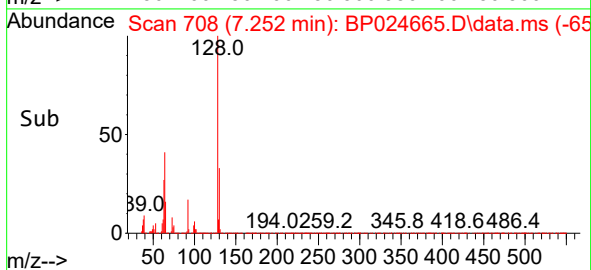
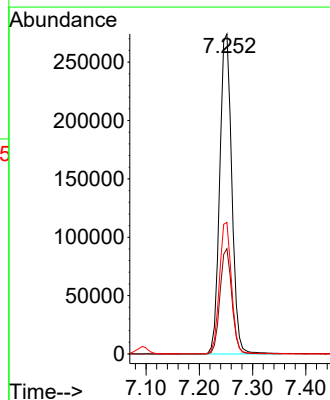
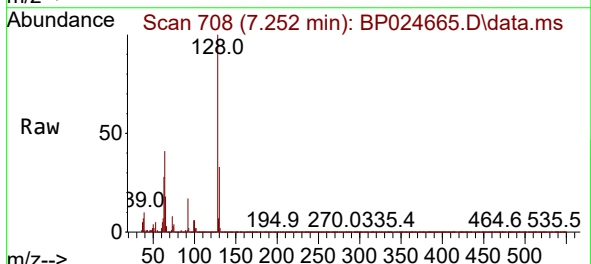
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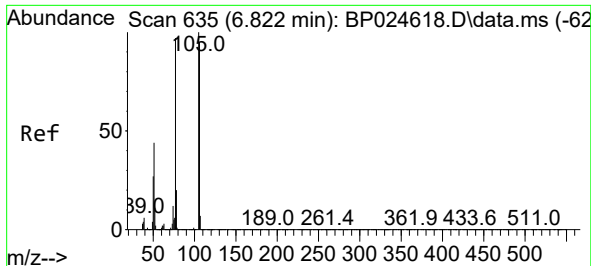
Tgt Ion: 99 Resp: 1262897
Ion Ratio Lower Upper
99 100
42 16.8 14.4 21.6
71 35.3 29.2 43.8



#8
2-Chlorophenol
Concen: 44.100 ng
RT: 7.252 min Scan# 708
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:128 Resp: 431051
Ion Ratio Lower Upper
128 100
130 32.9 13.0 53.0
64 41.1 22.3 62.3

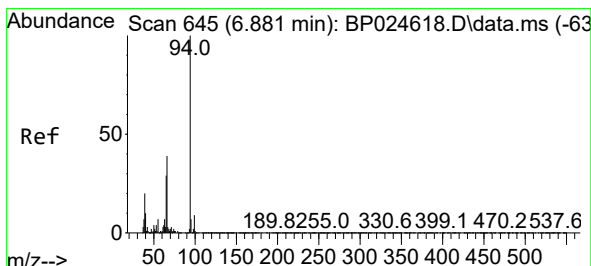
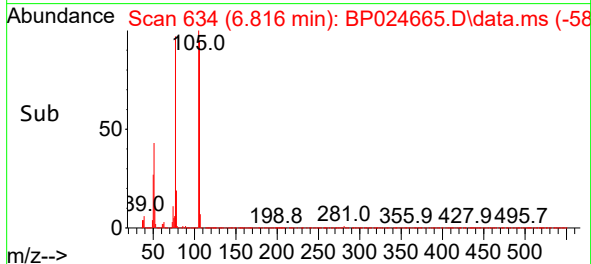
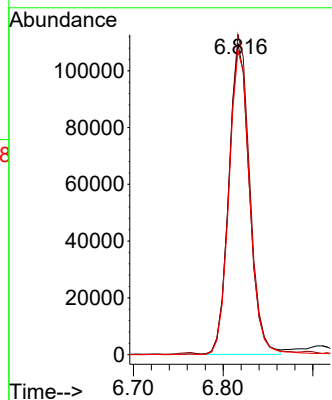
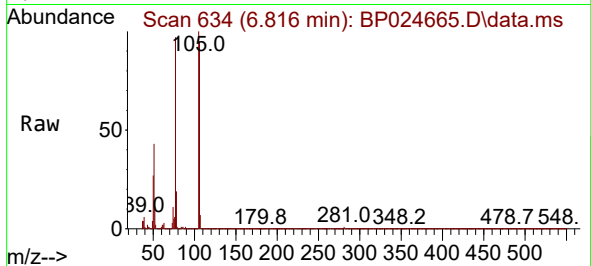




#9
Benzaldehyde
Concen: 24.452 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

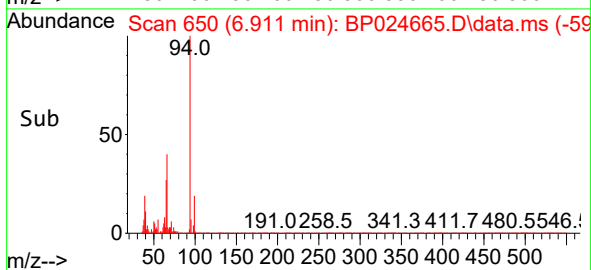
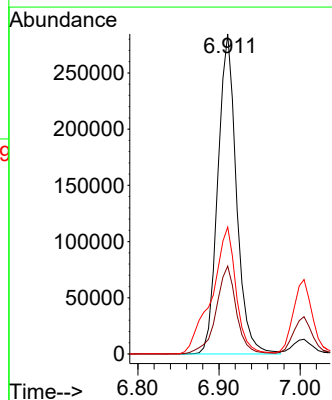
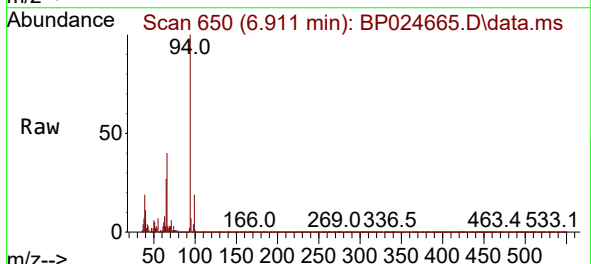
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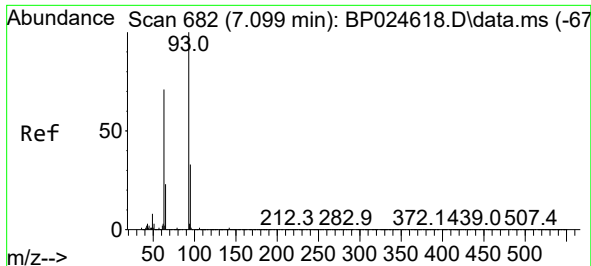
Tgt Ion: 77 Resp: 173942
Ion Ratio Lower Upper
77 100
105 103.0 83.3 123.3
106 97.8 78.0 118.0



#10
Phenol
Concen: 39.870 ng
RT: 6.911 min Scan# 650
Delta R.T. 0.030 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 94 Resp: 452203
Ion Ratio Lower Upper
94 100
65 27.5 8.7 48.7
66 39.6 19.4 59.4

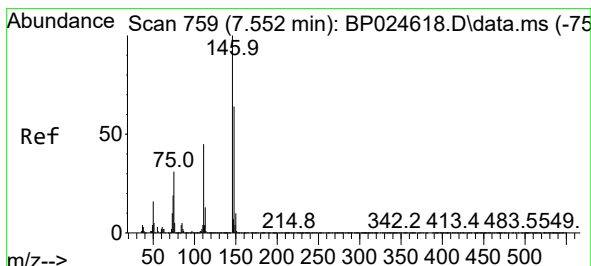
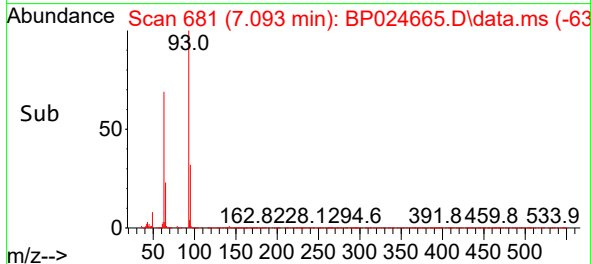
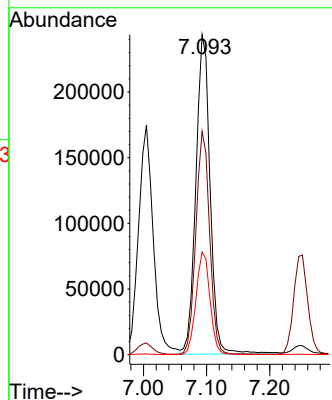
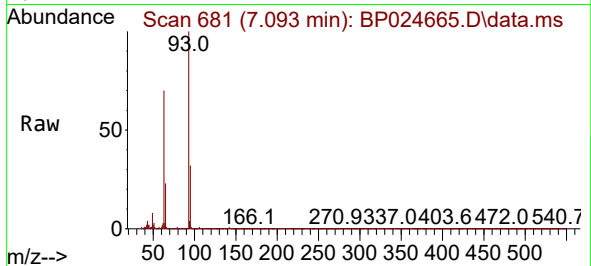




#11
bis(2-Chloroethyl)ether
Concen: 40.879 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

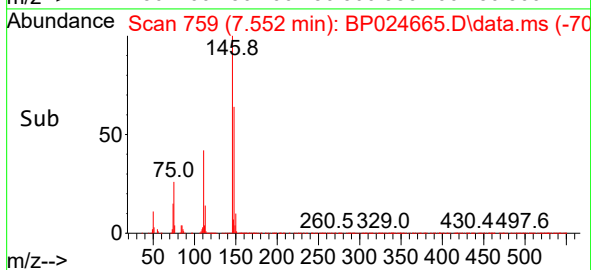
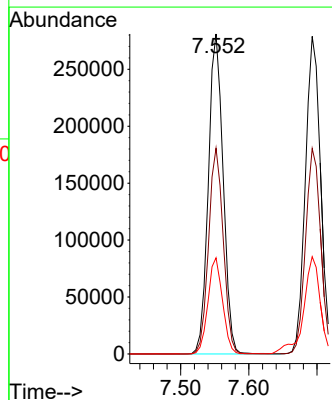
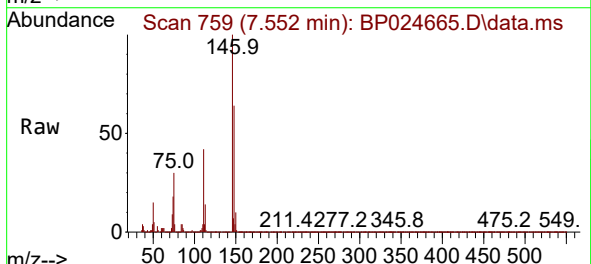
Instrument :
BNA_P
ClientSampleId :
MH-KMS

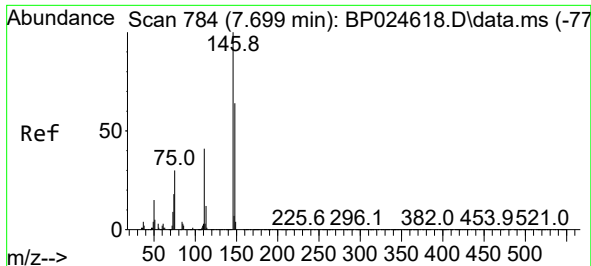
Tgt Ion: 93 Resp: 380986
Ion Ratio Lower Upper
93 100
63 69.7 50.6 90.6
95 32.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 37.716 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:146 Resp: 424136
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 30.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 38.286 ng

RT: 7.693 min Scan# 784

Delta R.T. -0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

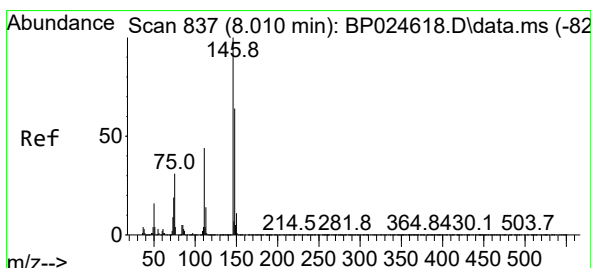
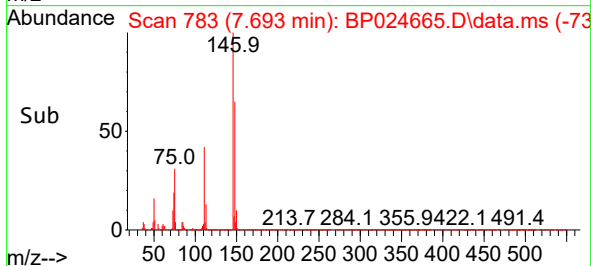
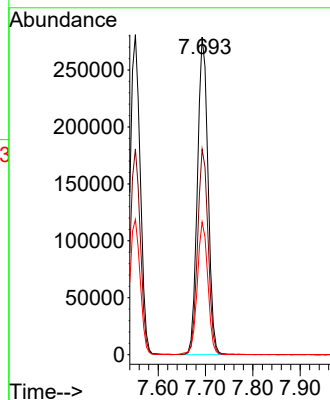
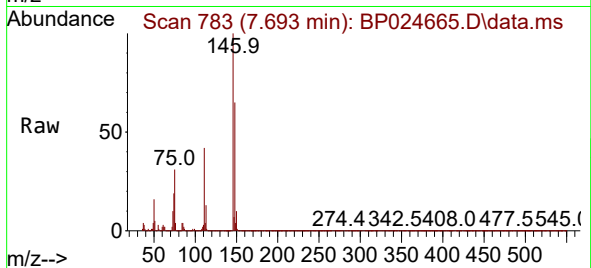
Tgt Ion:146 Resp: 433029

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 41.8 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 38.454 ng

RT: 8.005 min Scan# 836

Delta R.T. -0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

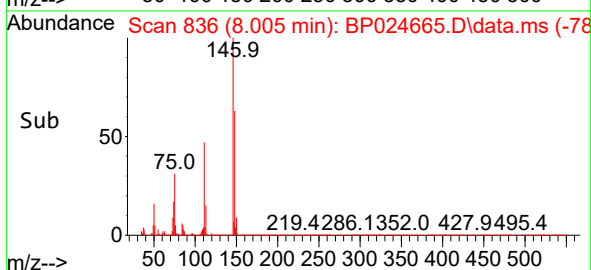
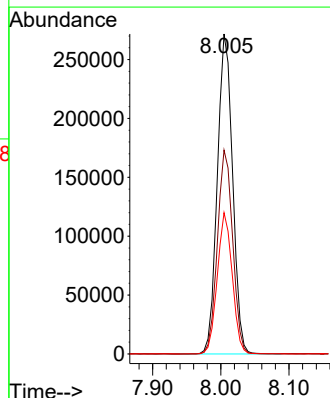
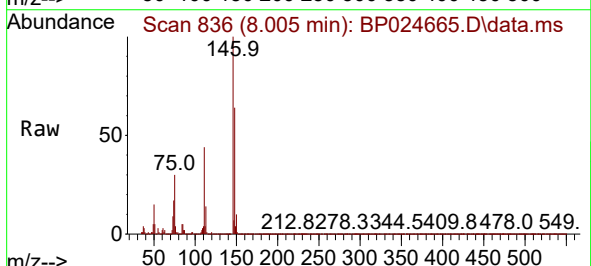
Tgt Ion:146 Resp: 423804

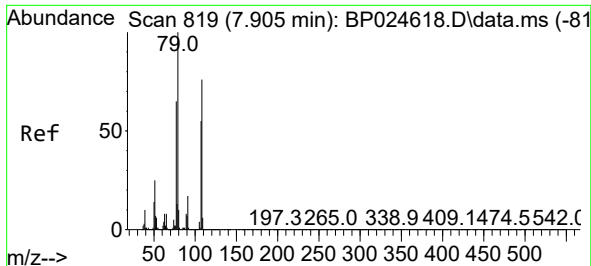
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 44.2 35.2 52.8

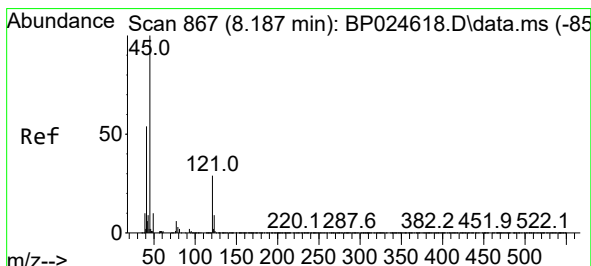
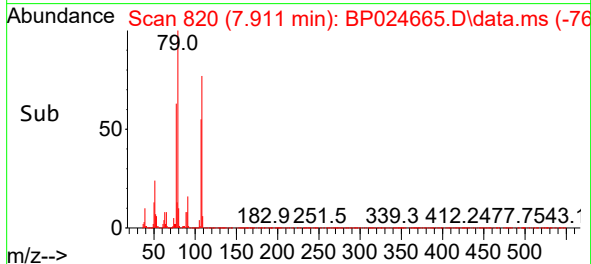
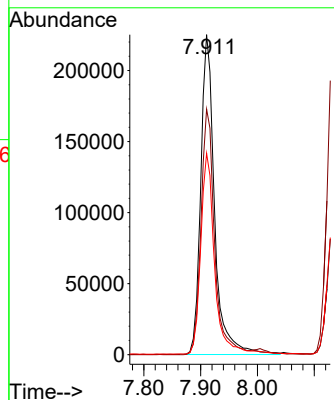
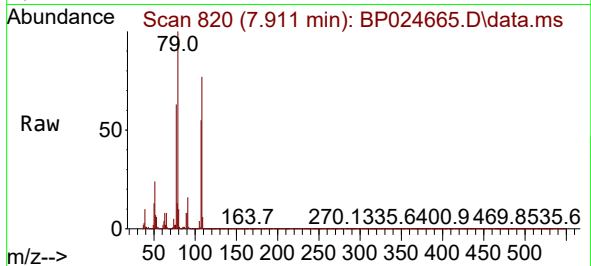




#15
Benzyl Alcohol
Concen: 45.741 ng
RT: 7.911 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

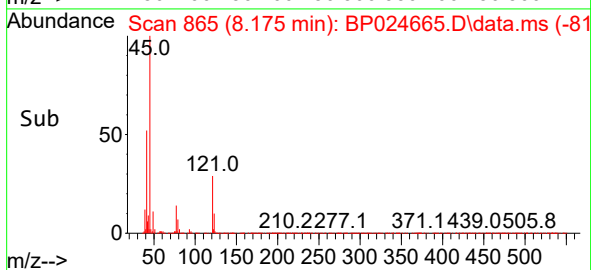
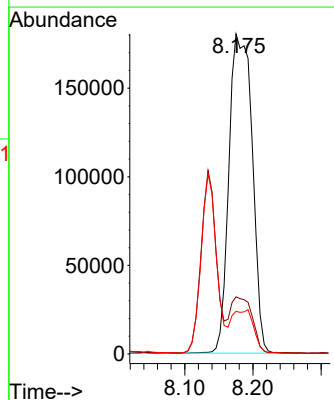
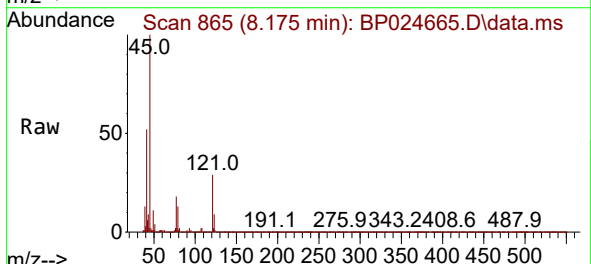
Instrument :
BNA_P
ClientSampleId :
MH-KMS

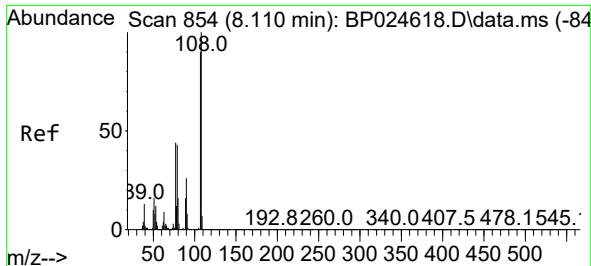
Tgt Ion: 79 Resp: 381974
Ion Ratio Lower Upper
79 100
108 76.8 60.8 91.2
77 62.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.209 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 45 Resp: 426454
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.7
79 13.3 0.0 34.0

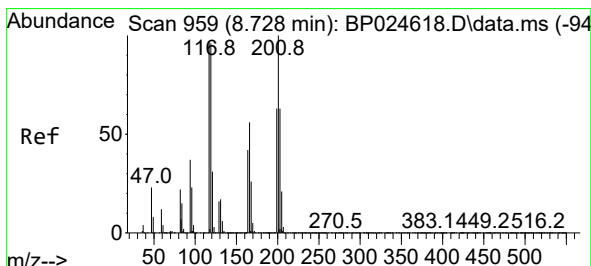
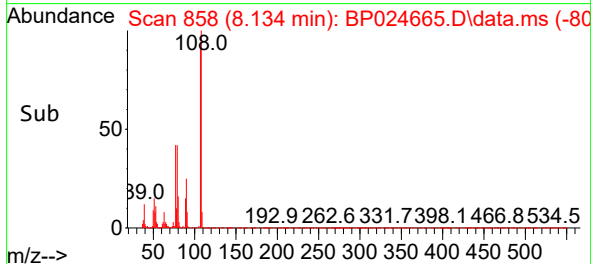
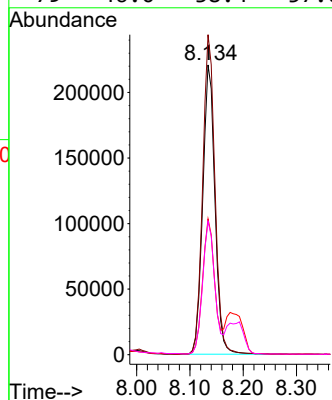
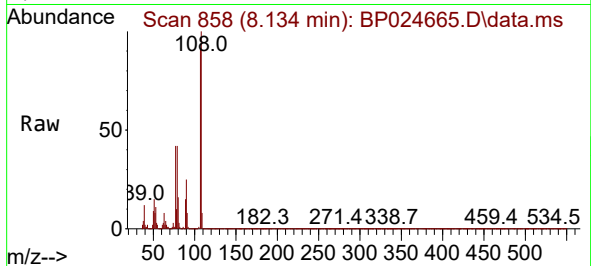




#17
2-Methylphenol
Concen: 43.184 ng
RT: 8.134 min Scan# 81
Delta R.T. 0.024 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

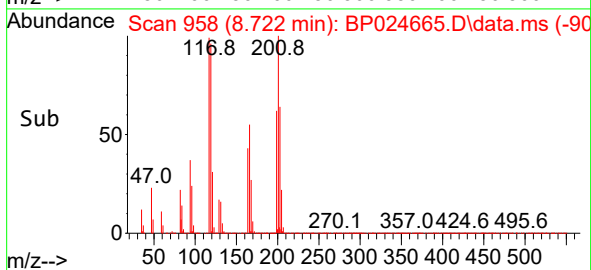
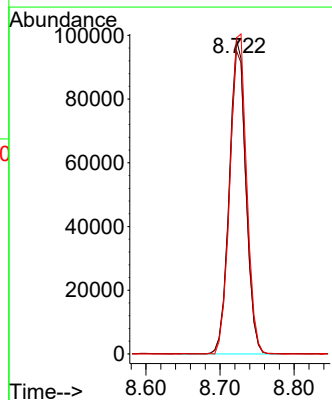
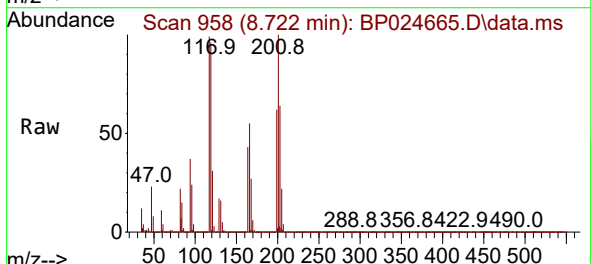
Instrument :
BNA_P
ClientSampleId :
MH-KMS

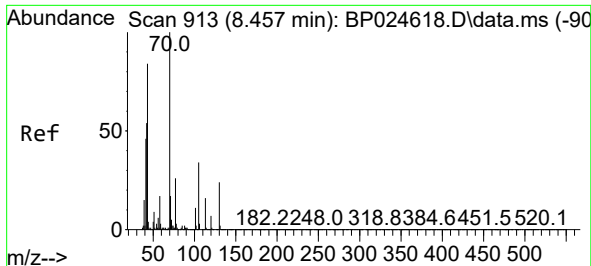
Tgt Ion:107 Resp: 351298
Ion Ratio Lower Upper
107 100
108 110.5 88.9 133.3
77 46.9 39.0 58.6
79 46.0 38.4 57.6



#18
Hexachloroethane
Concen: 35.293 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:117 Resp: 152969
Ion Ratio Lower Upper
117 100
119 96.4 79.4 119.0
201 100.6 82.7 124.1

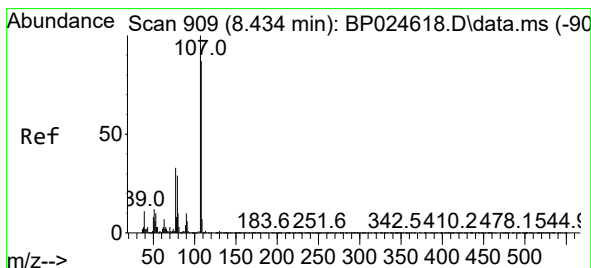
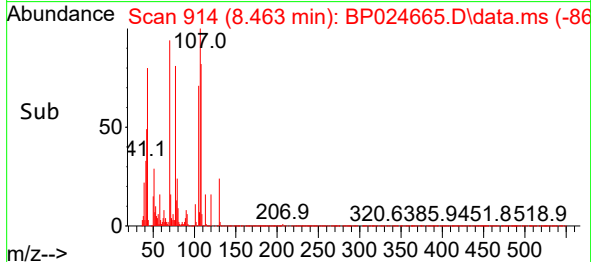
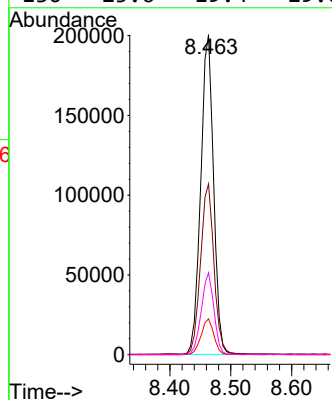
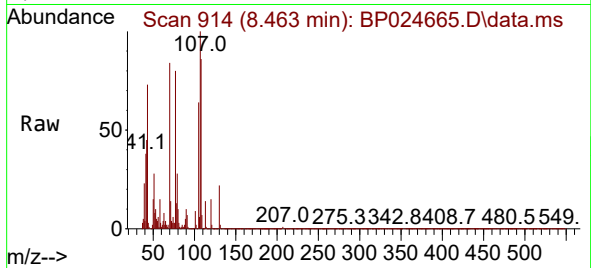




#19
n-Nitroso-di-n-propylamine
Concen: 38.507 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

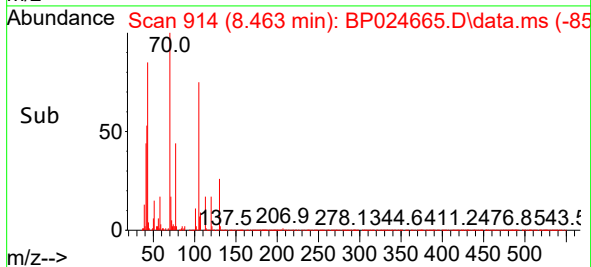
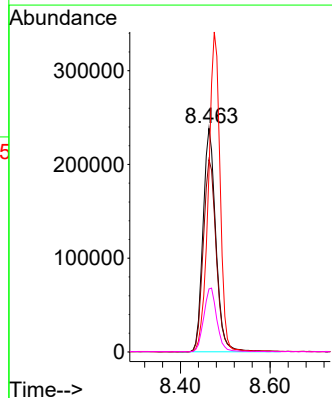
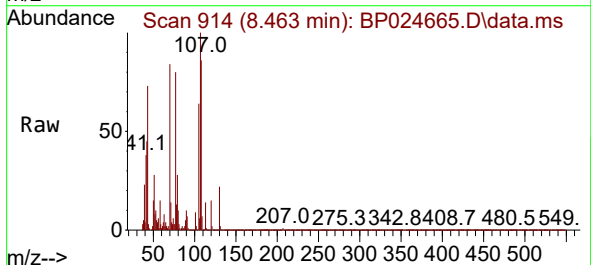
Instrument :
BNA_P
ClientSampleId :
MH-KMS

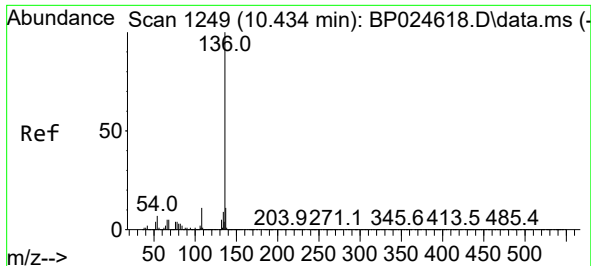
Tgt Ion: 70 Resp: 292710
Ion Ratio Lower Upper
70 100
42 53.4 43.0 64.6
101 11.2 8.7 13.1
130 25.6 19.4 29.0



#20
3+4-Methylphenols
Concen: 42.739 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.030 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 107 Resp: 472933
Ion Ratio Lower Upper
107 100
108 85.9 66.7 106.7
77 80.2 13.1 53.1#
79 28.2 8.9 48.9

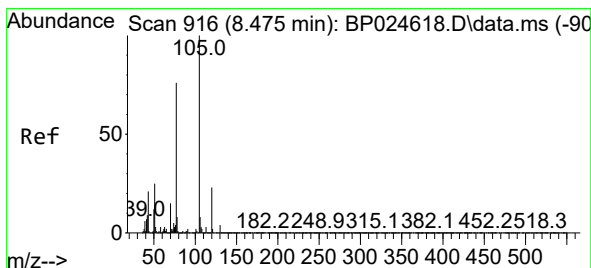
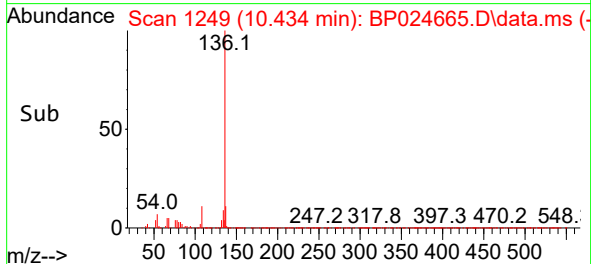
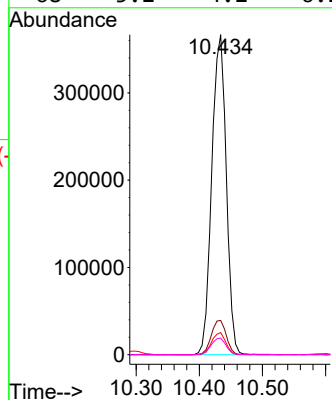
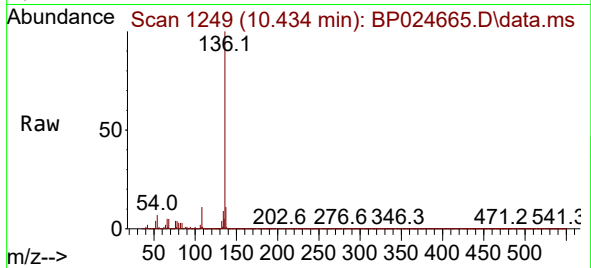




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

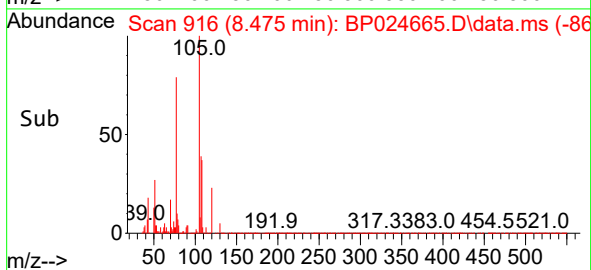
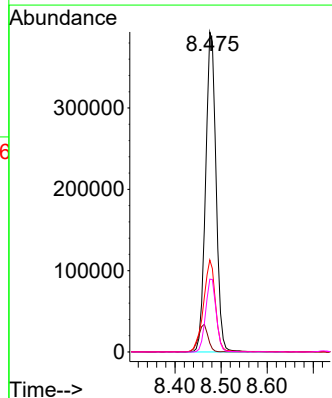
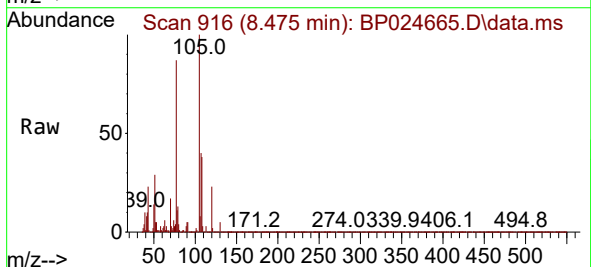
Instrument :
BNA_P
ClientSampleId :
MH-KMS

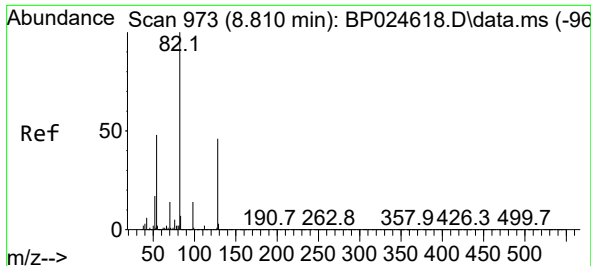
Tgt Ion:	136	Resp:	583402
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	6.9	5.5	8.3
68	5.2	4.2	6.2



#22
Acetophenone
Concen: 42.871 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:	105	Resp:	624758
Ion Ratio	Lower	Upper	
105	100		
71	2.8	2.0	3.0
51	28.8	20.4	30.6
120	22.7	18.1	27.1

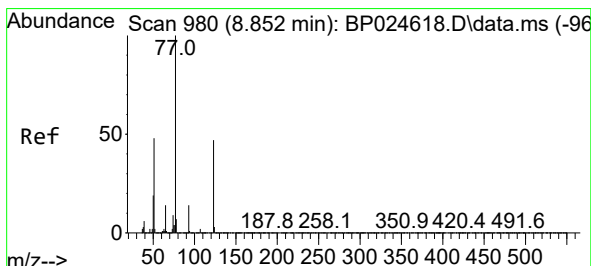
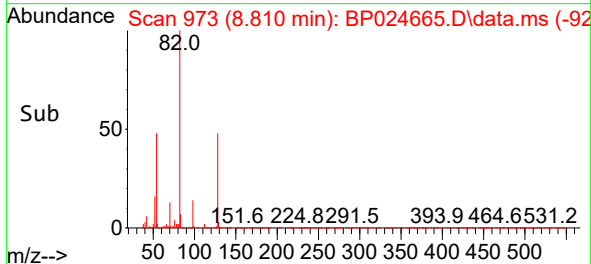
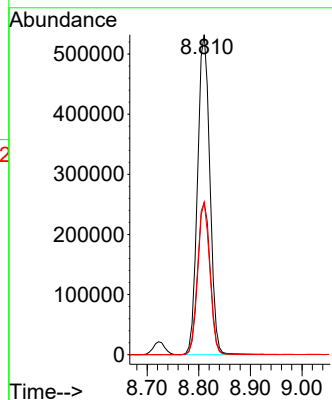
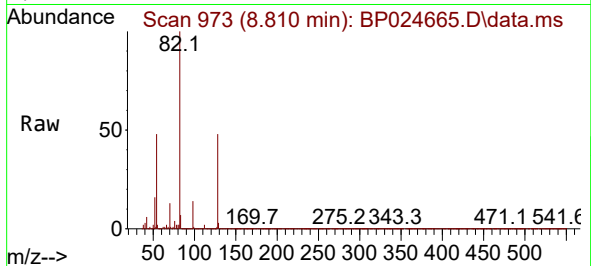




#23
Nitrobenzene-d5
Concen: 76.383 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

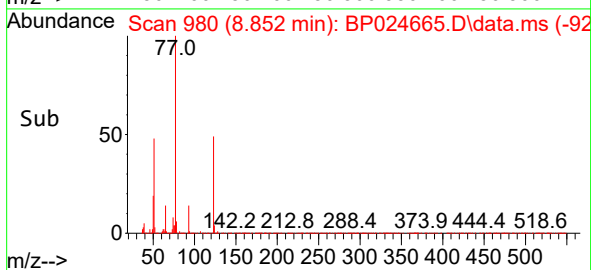
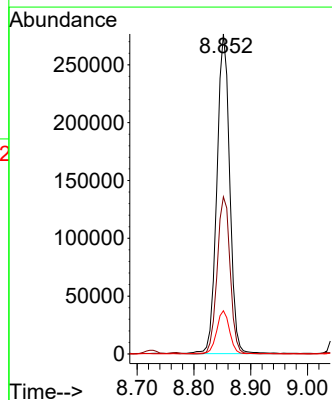
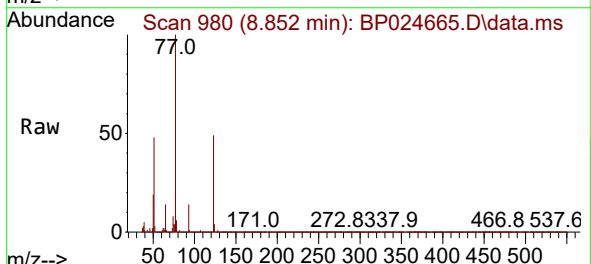
Instrument :
BNA_P
ClientSampleId :
MH-KMS

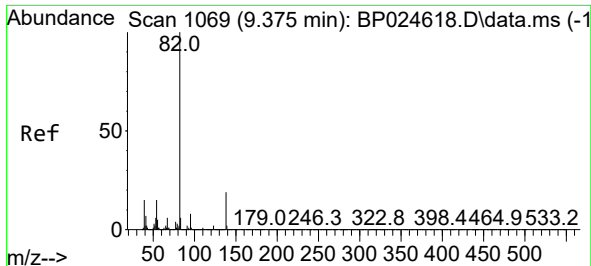
Tgt Ion: 82 Resp: 881951
Ion Ratio Lower Upper
82 100
128 47.6 37.0 55.4
54 47.6 38.7 58.1



#24
Nitrobenzene
Concen: 42.648 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 77 Resp: 433345
Ion Ratio Lower Upper
77 100
123 49.1 37.4 56.0
65 13.5 11.3 16.9

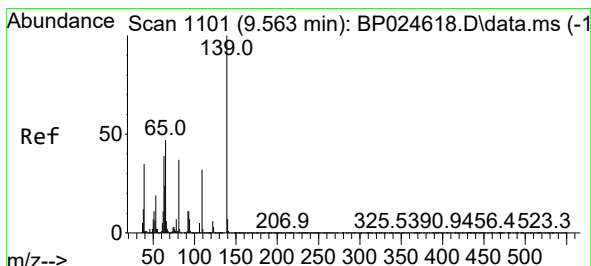
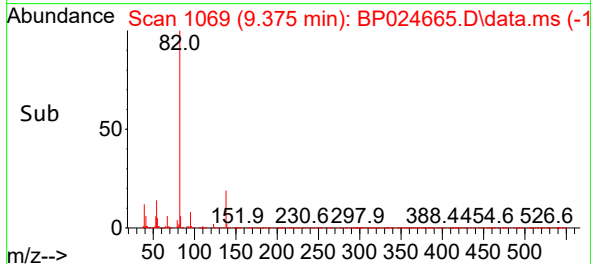
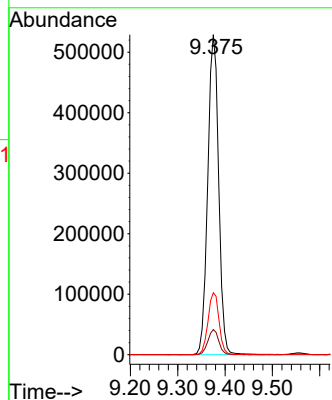
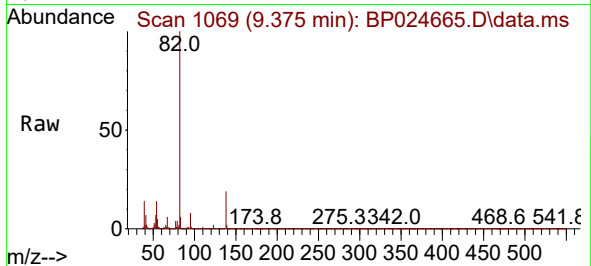




#25
Isophorone
Concen: 42.209 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

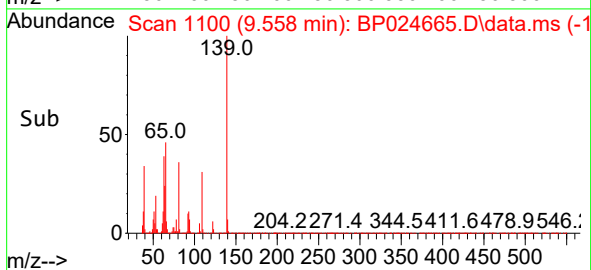
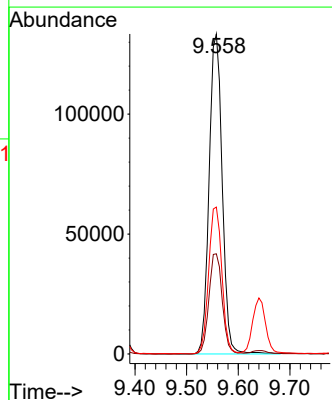
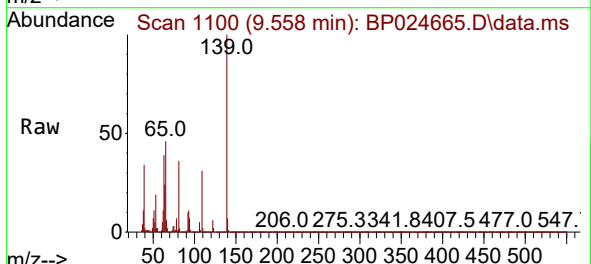
Instrument :
BNA_P
ClientSampleId :
MH-KMS

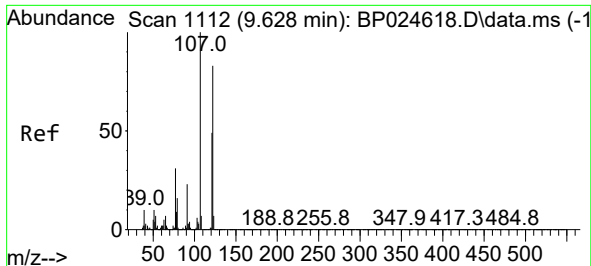
Tgt Ion: 82 Resp: 845396
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 47.052 ng
RT: 9.558 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:139 Resp: 234277
Ion Ratio Lower Upper
139 100
109 31.3 25.9 38.9
65 45.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.874 ng

RT: 9.640 min Scan# 1112

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

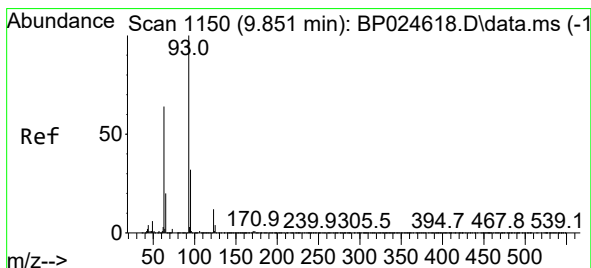
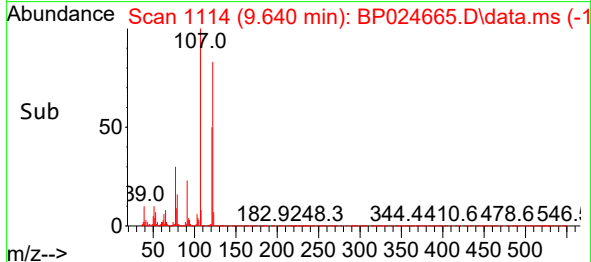
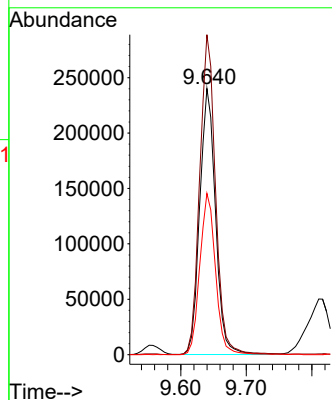
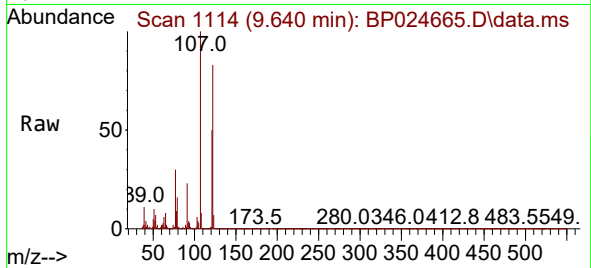
Tgt Ion:122 Resp: 402709

Ion Ratio Lower Upper

122 100

107 120.2 96.2 144.2

121 60.6 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.116 ng

RT: 9.846 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

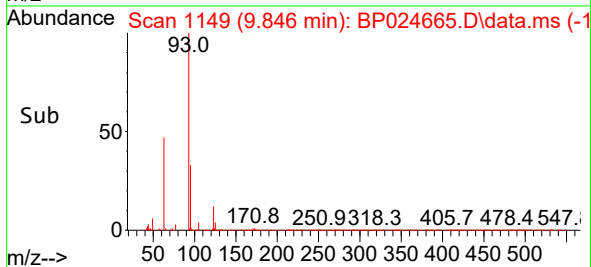
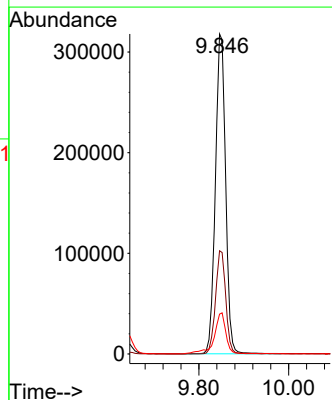
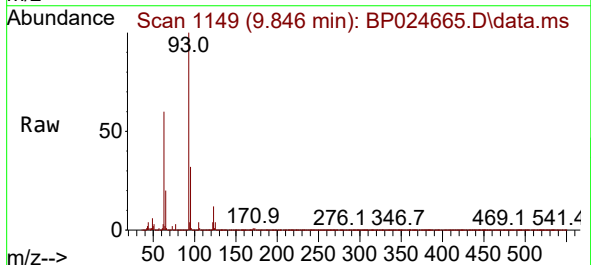
Tgt Ion: 93 Resp: 503957

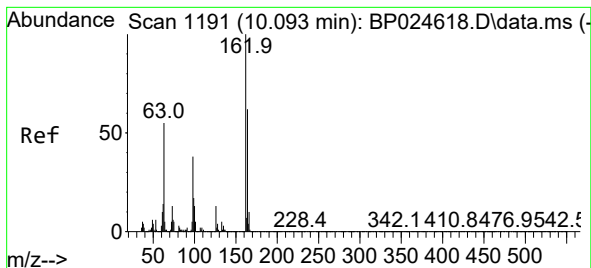
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 47.540 ng

RT: 10.122 min Scan# 1191

Delta R.T. 0.030 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

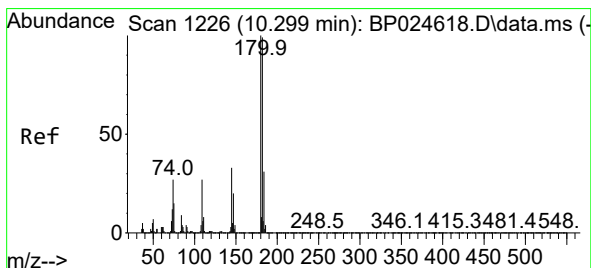
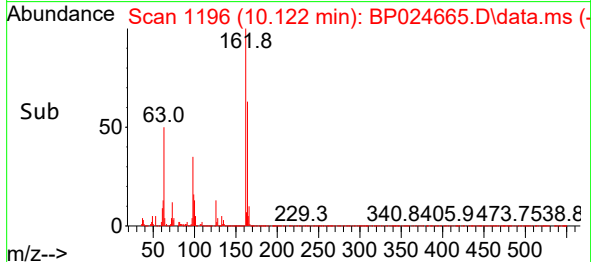
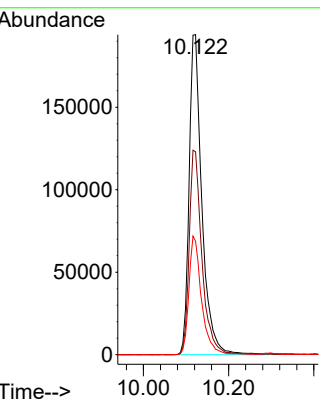
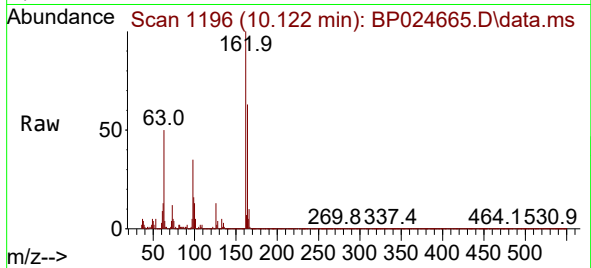
Tgt Ion:162 Resp: 404416

Ion Ratio Lower Upper

162 100

164 63.4 42.3 82.3

98 35.5 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 41.924 ng

RT: 10.299 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

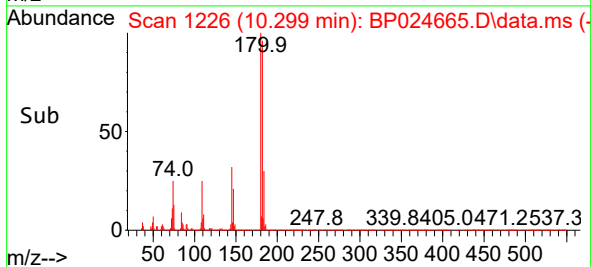
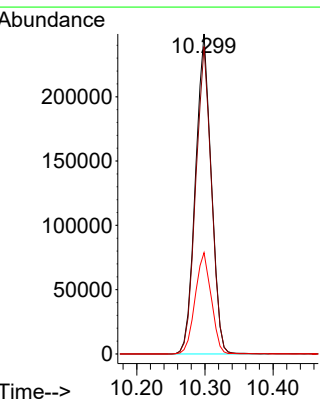
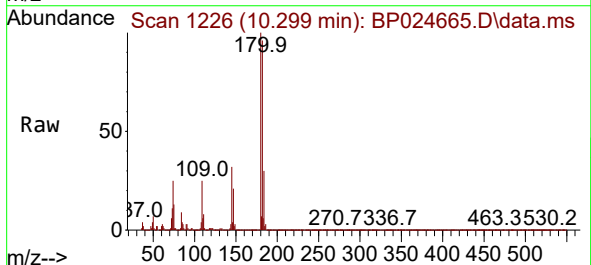
Tgt Ion:180 Resp: 401897

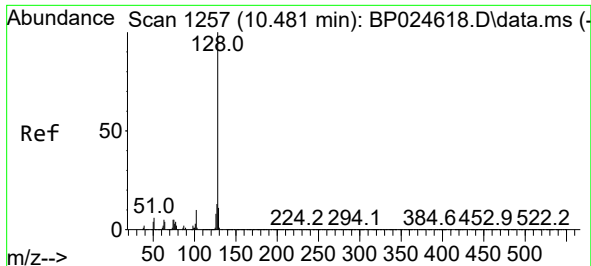
Ion Ratio Lower Upper

180 100

182 96.1 79.0 118.4

145 31.7 26.6 39.8

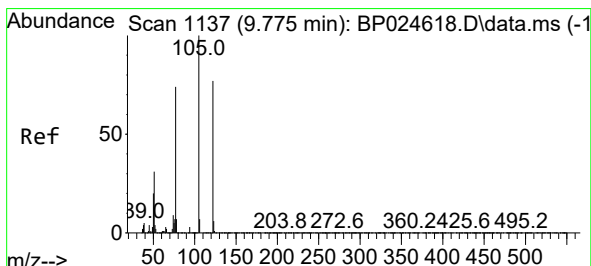
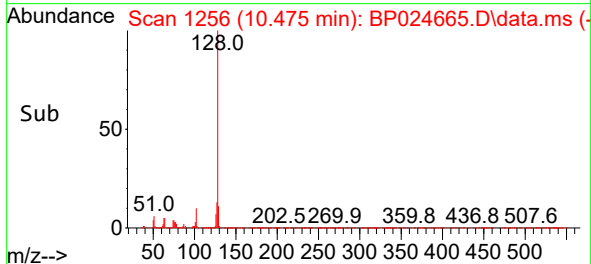
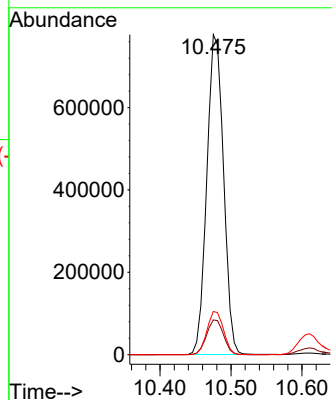
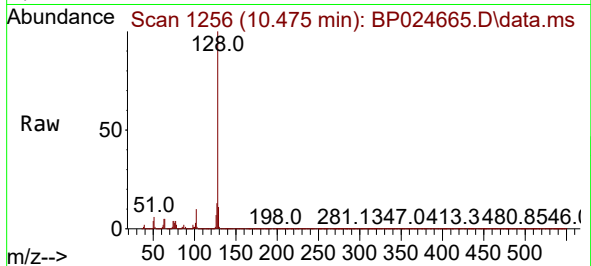




#31
Naphthalene
Concen: 42.120 ng
RT: 10.475 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

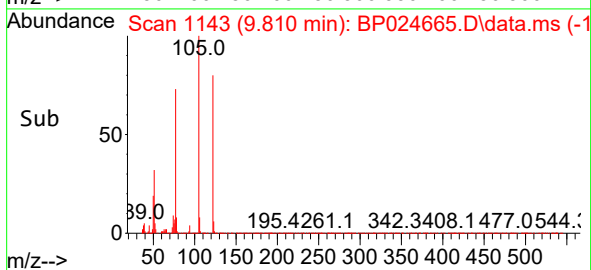
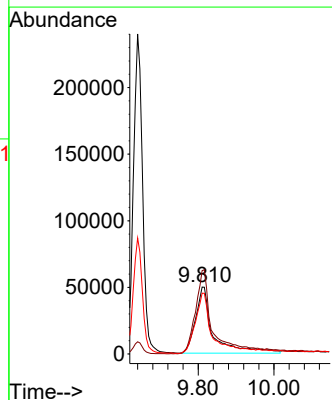
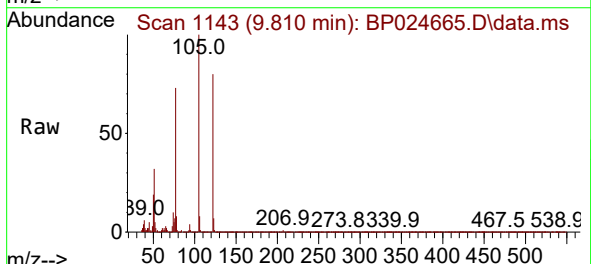
Instrument :
BNA_P
ClientSampleId :
MH-KMS

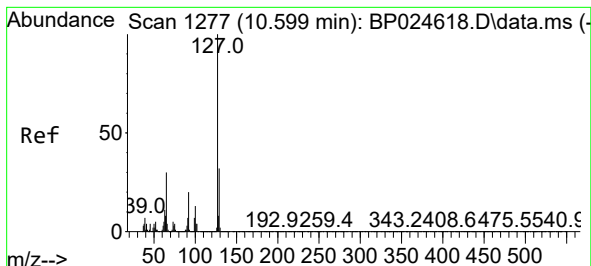
Tgt Ion:128 Resp: 1273386
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 29.914 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.035 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:122 Resp: 162446
Ion Ratio Lower Upper
122 100
105 124.6 106.9 146.9
77 90.8 75.1 115.1





#33

4-Chloroaniline

Concen: 10.103 ng

RT: 10.610 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

Tgt Ion:127 Resp: 123255

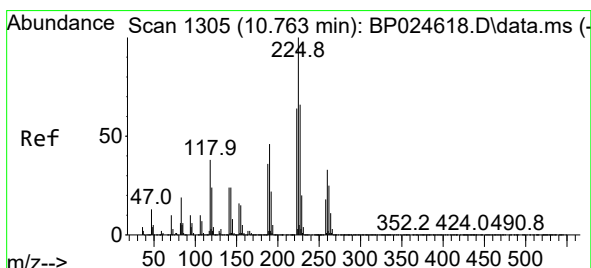
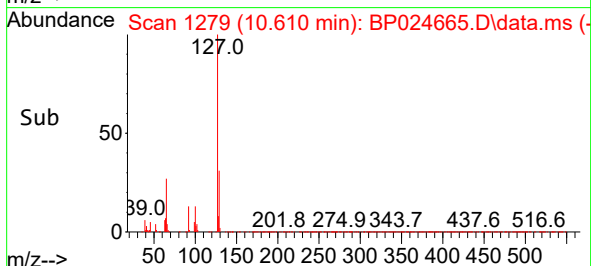
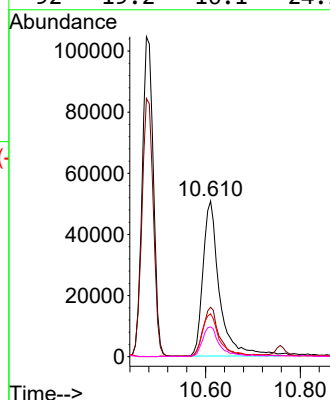
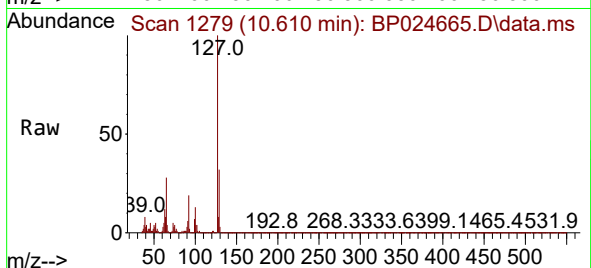
Ion Ratio Lower Upper

127 100

129 31.8 25.8 38.6

65 27.6 23.9 35.9

92 19.2 16.1 24.1



#34

Hexachlorobutadiene

Concen: 39.963 ng

RT: 10.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

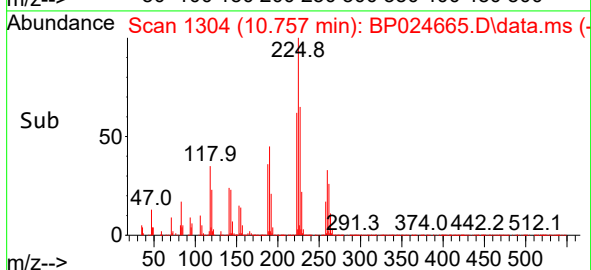
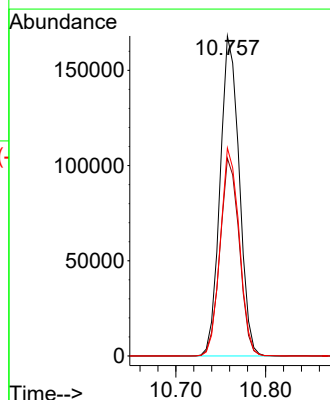
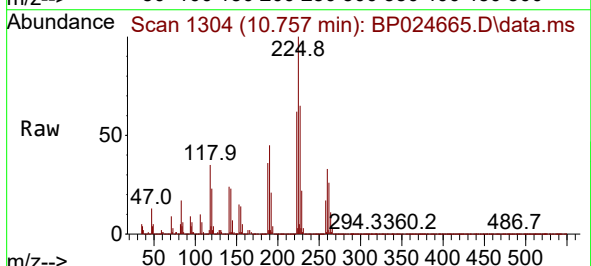
Tgt Ion:225 Resp: 248176

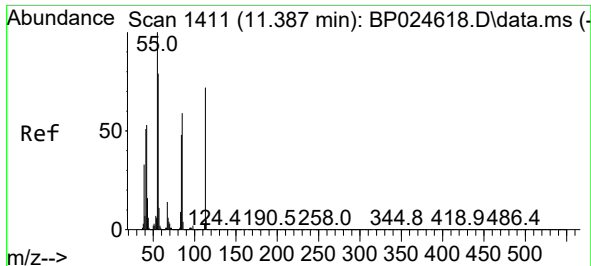
Ion Ratio Lower Upper

225 100

223 61.8 51.0 76.6

227 65.0 53.1 79.7

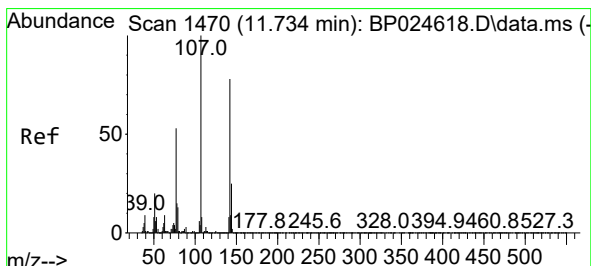
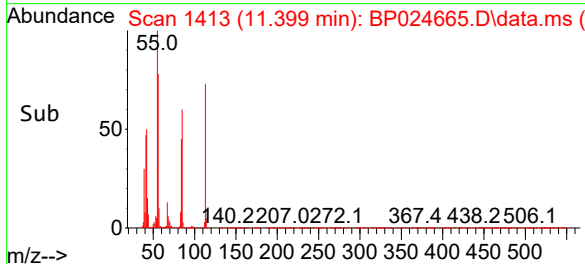
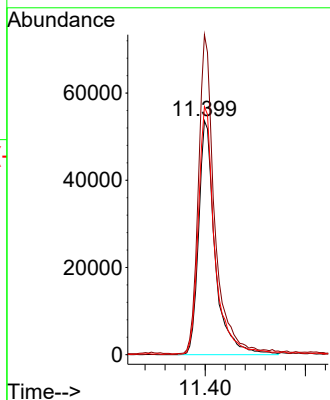
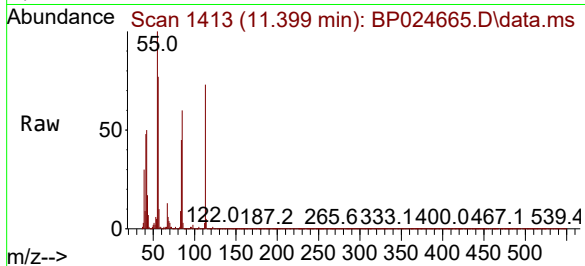




#35
Caprolactam
Concen: 39.536 ng
RT: 11.399 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

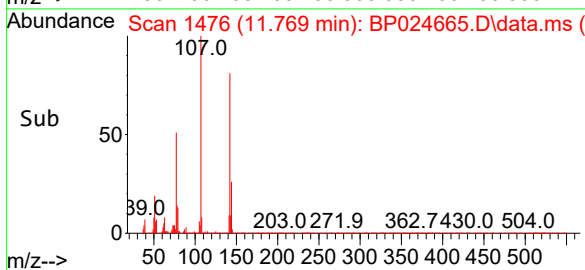
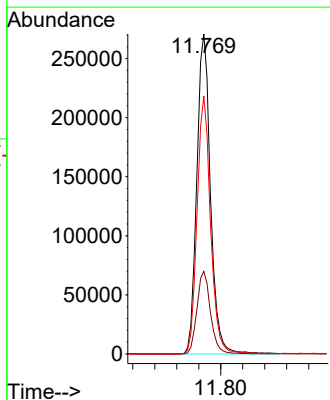
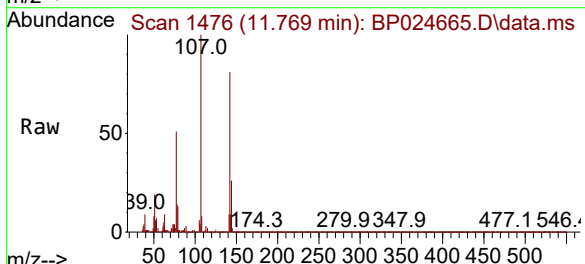
Instrument :
BNA_P
ClientSampleId :
MH-KMS

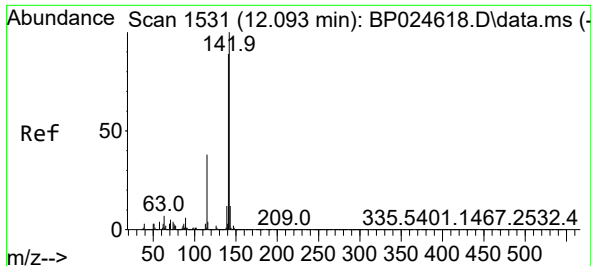
Tgt Ion:113 Resp: 121684
Ion Ratio Lower Upper
113 100
55 136.9 119.0 159.0
56 106.1 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 45.170 ng
RT: 11.769 min Scan# 1476
Delta R.T. 0.035 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:107 Resp: 468600
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 80.6 62.1 93.1

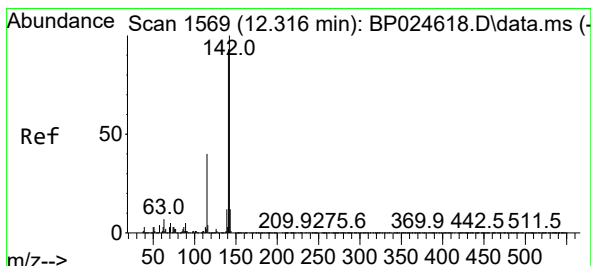
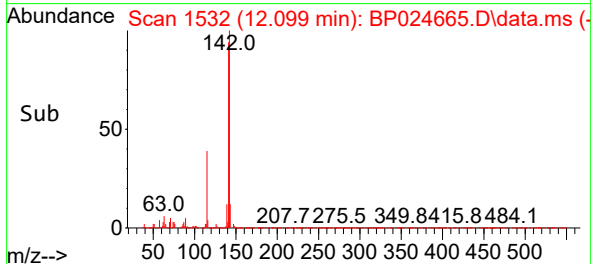
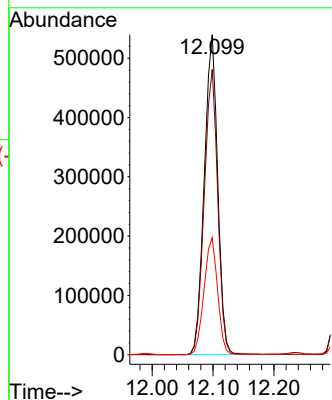
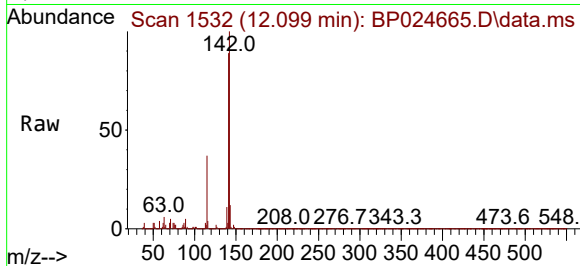




#37
2-Methylnaphthalene
Concen: 42.158 ng
RT: 12.099 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

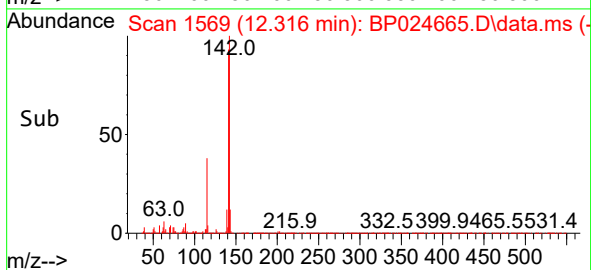
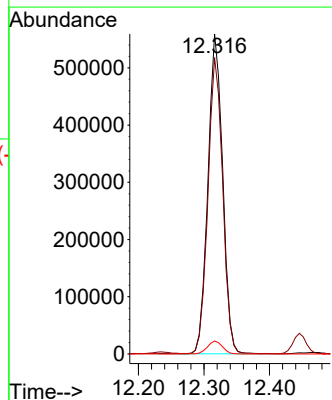
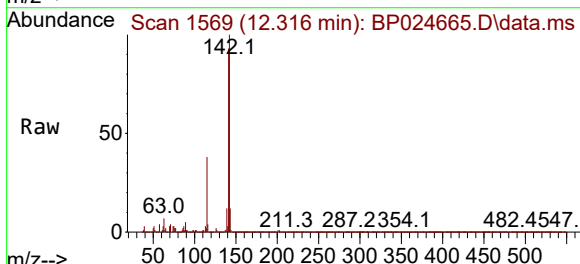
Instrument :
BNA_P
ClientSampleId :
MH-KMS

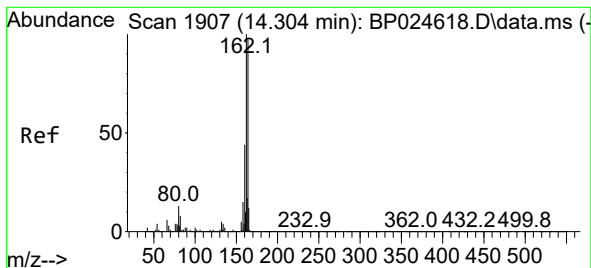
Tgt Ion:142 Resp: 825277
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8
115 36.5 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.685 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:142 Resp: 873110
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 4.0 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: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

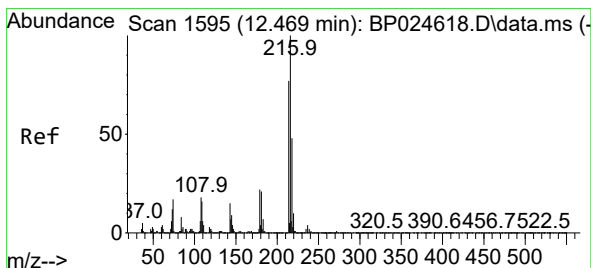
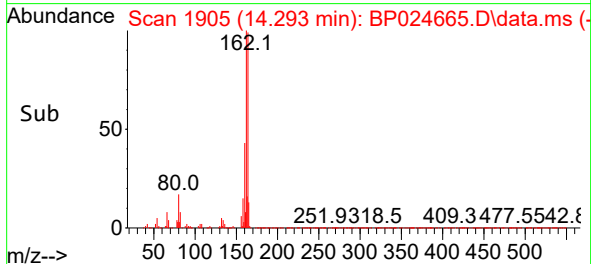
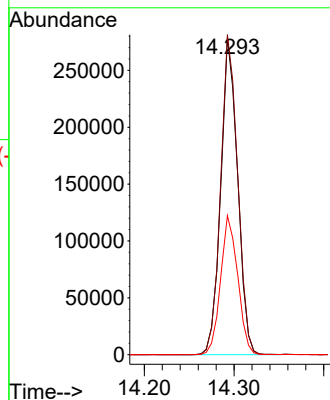
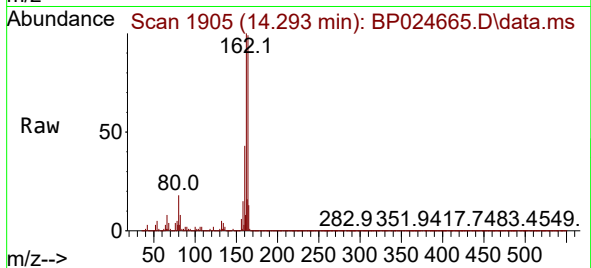
Tgt Ion:164 Resp: 362698

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

160 43.9 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.652 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Tgt Ion:216 Resp: 470292

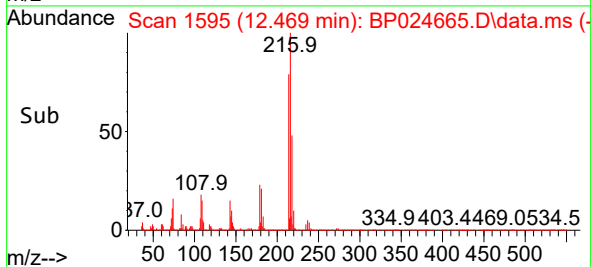
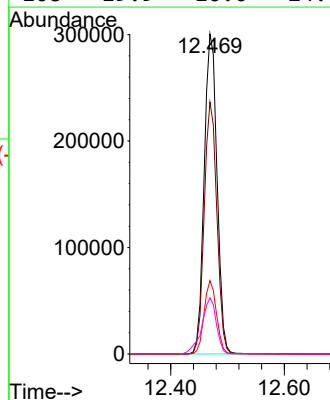
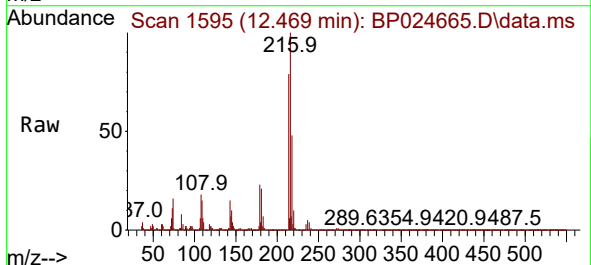
Ion Ratio Lower Upper

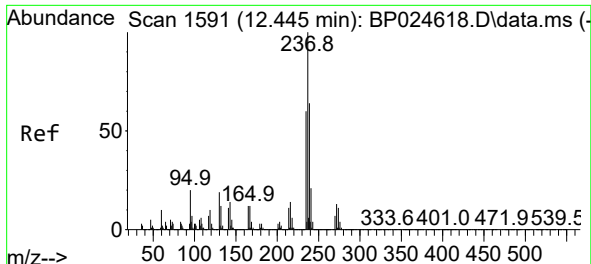
216 100

214 77.6 62.3 93.5

179 22.0 17.7 26.5

108 19.9 16.0 24.0

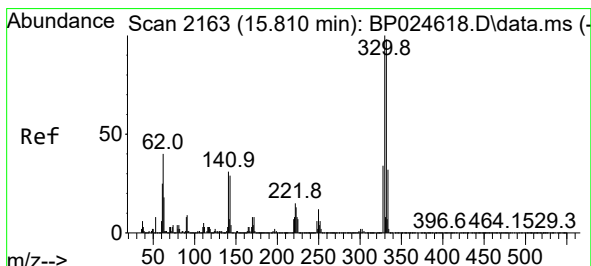
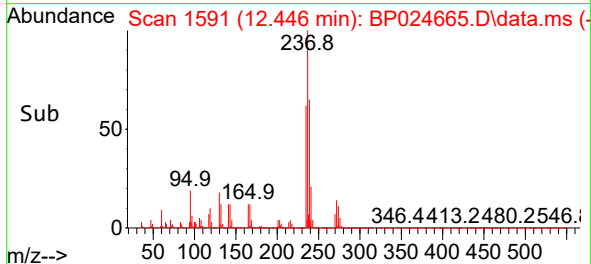
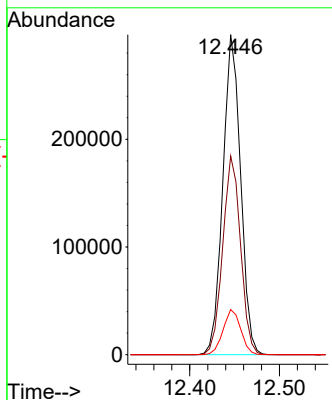
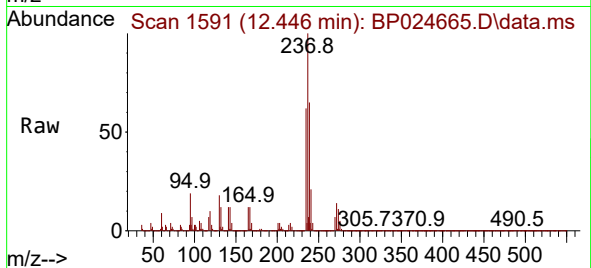




#41
Hexachlorocyclopentadiene
Concen: 63.796 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

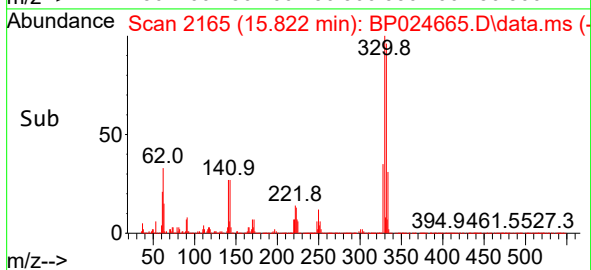
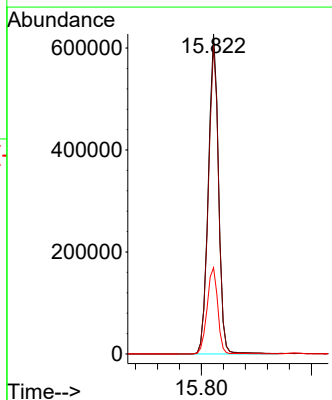
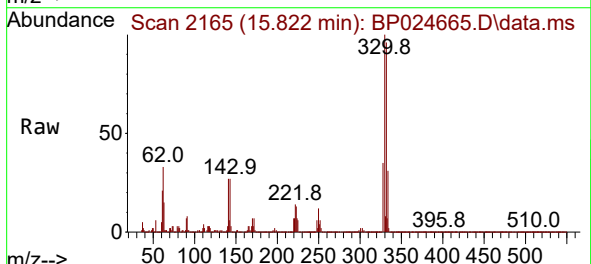
Instrument :
BNA_P
ClientSampleId :
MH-KMS

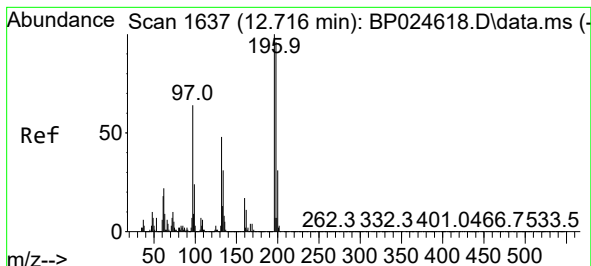
Tgt Ion:237 Resp: 407428
Ion Ratio Lower Upper
237 100
235 62.1 39.9 79.9
272 14.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 131.009 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:330 Resp: 805544
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 28.1 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 48.263 ng

RT: 12.728 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

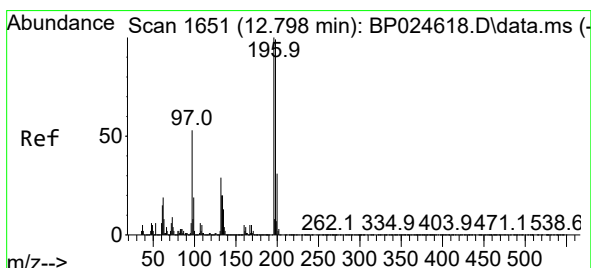
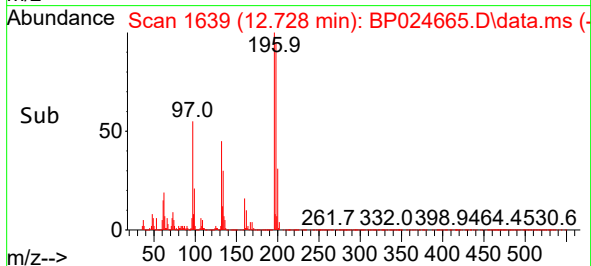
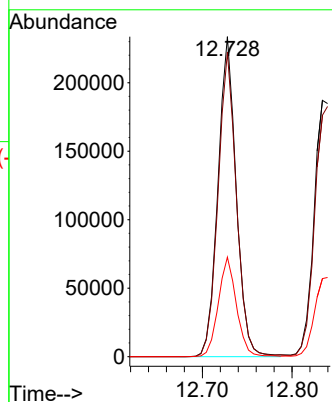
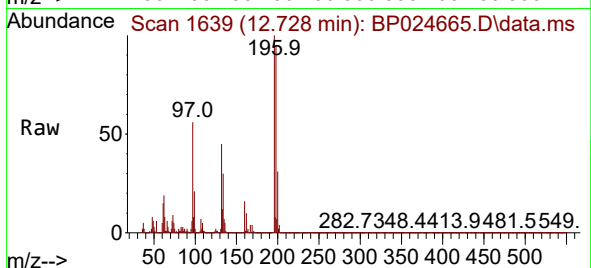
Tgt Ion:196 Resp: 329246

Ion Ratio Lower Upper

196 100

198 95.2 76.9 115.3

200 31.1 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 46.583 ng

RT: 12.834 min Scan# 1657

Delta R.T. 0.035 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Tgt Ion:196 Resp: 353732

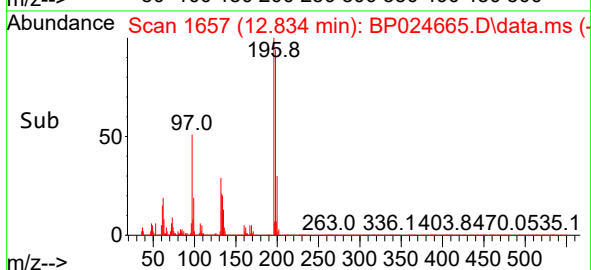
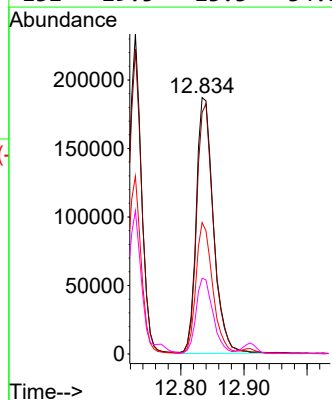
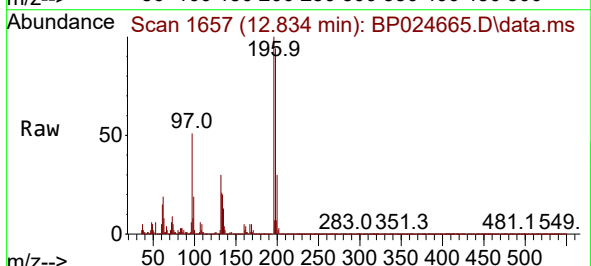
Ion Ratio Lower Upper

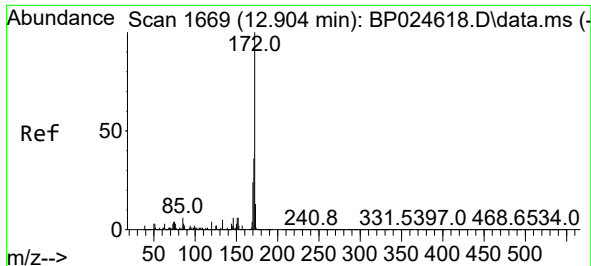
196 100

198 94.2 79.2 118.8

97 51.3 42.3 63.5

132 29.5 23.3 34.9

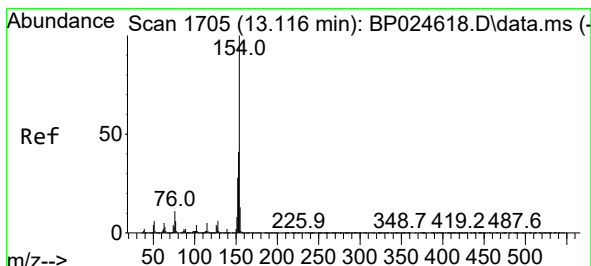
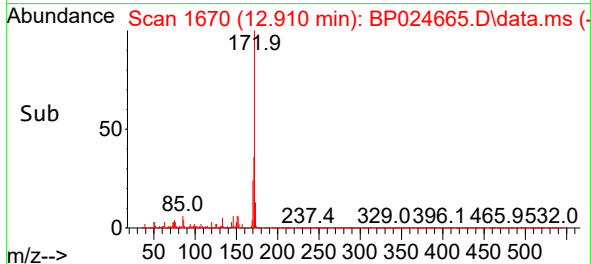
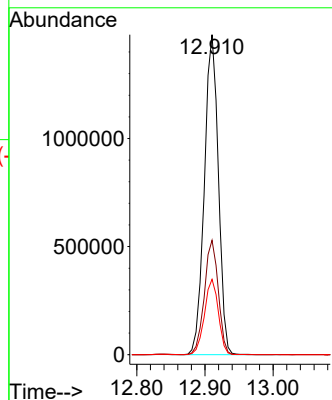
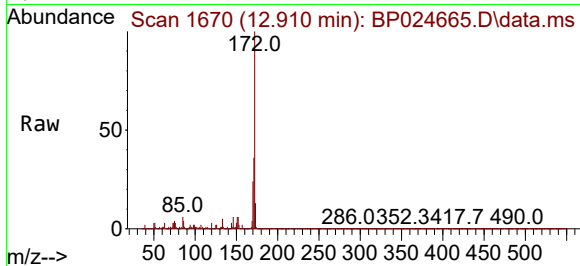




#45
2-Fluorobiphenyl
Concen: 76.408 ng
RT: 12.910 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

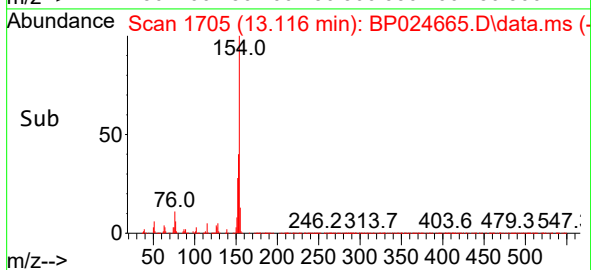
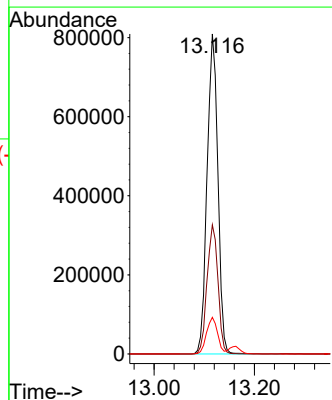
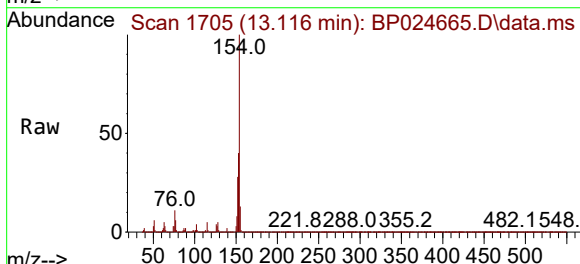
Instrument :
BNA_P
ClientSampleId :
MH-KMS

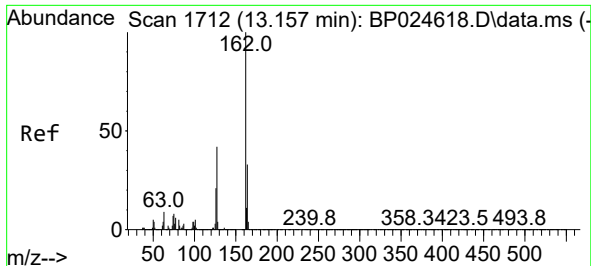
Tgt Ion:172 Resp: 2115294
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.153 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:154 Resp: 1210425
Ion Ratio Lower Upper
154 100
153 40.3 21.0 61.0
76 11.4 0.0 31.5

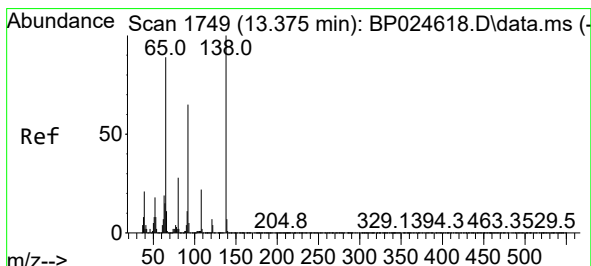
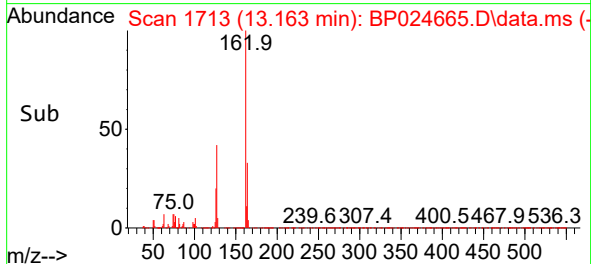
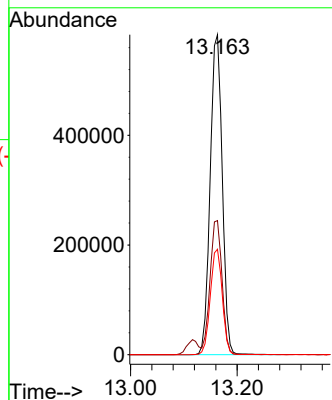
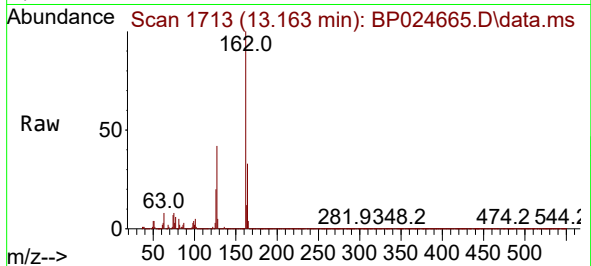




#47
2-Chloronaphthalene
Concen: 44.794 ng
RT: 13.163 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

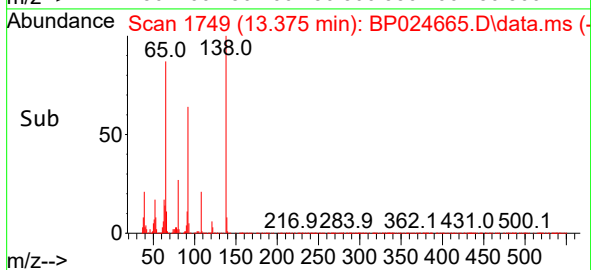
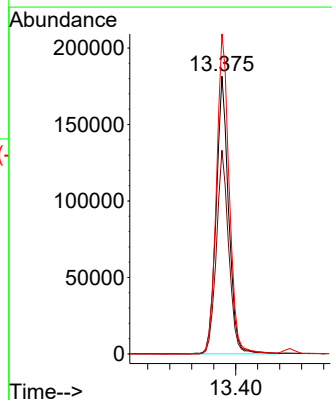
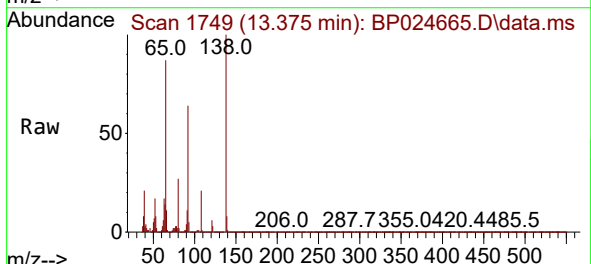
Instrument :
BNA_P
ClientSampleId :
MH-KMS

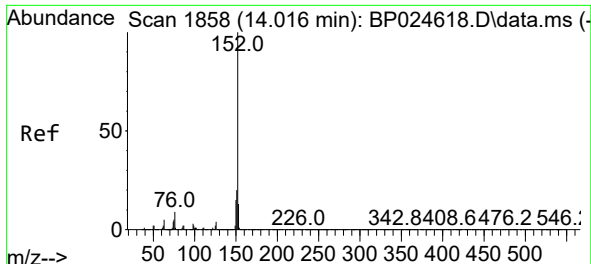
Tgt Ion:162 Resp: 915584
Ion Ratio Lower Upper
162 100
127 41.9 33.8 50.6
164 32.9 26.0 39.0



#48
2-Nitroaniline
Concen: 47.454 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 65 Resp: 287162
Ion Ratio Lower Upper
65 100
92 73.3 58.7 88.1
138 115.2 90.2 135.2

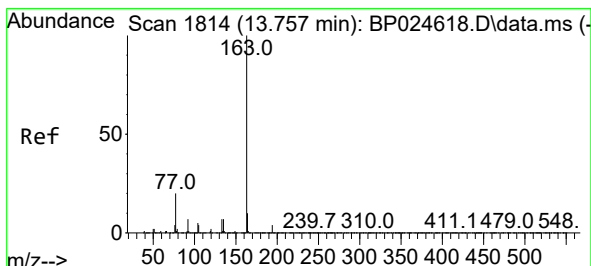
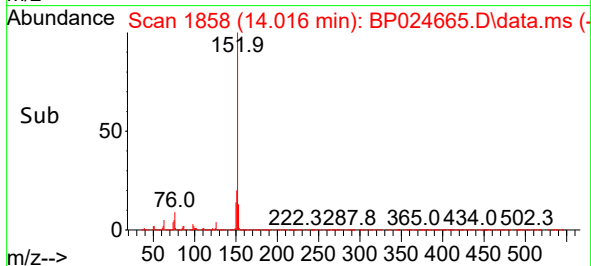
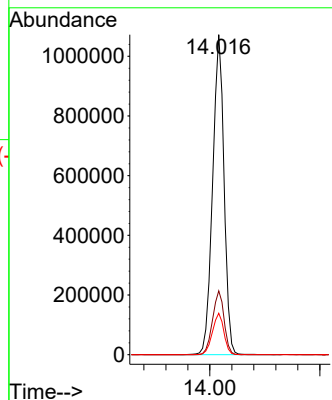
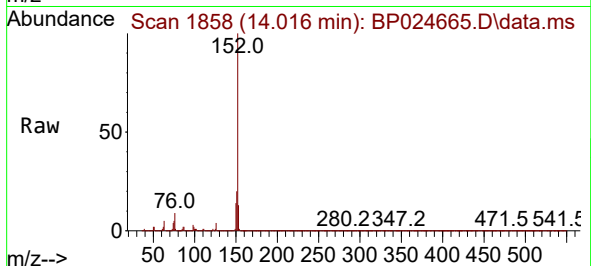




#49
Acenaphthylene
Concen: 45.137 ng
RT: 14.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

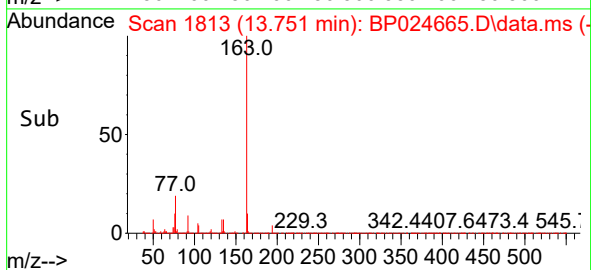
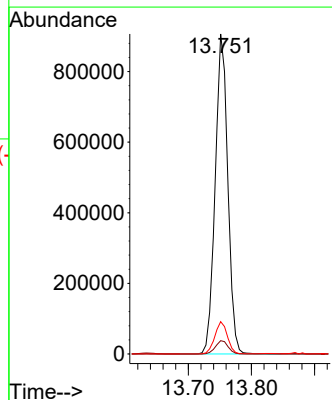
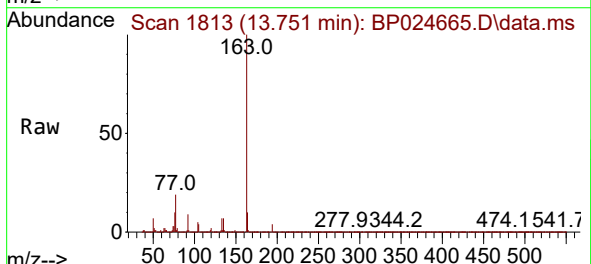
Instrument :
BNA_P
ClientSampleId :
MH-KMS

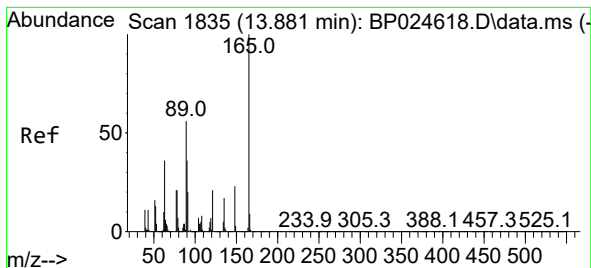
Tgt Ion:152 Resp: 1543937
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.9 10.2 15.4



#50
Dimethylphthalate
Concen: 45.323 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:163 Resp: 1252945
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.021 ng

RT: 13.875 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

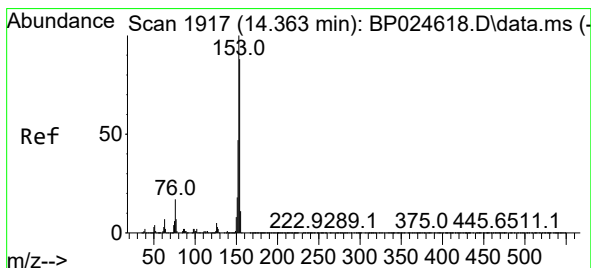
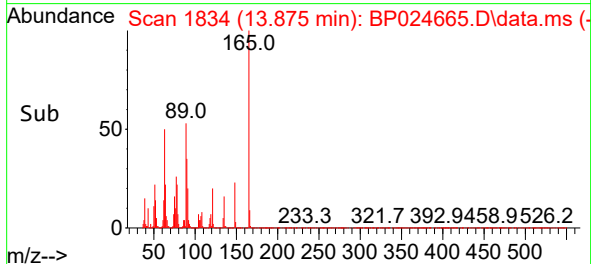
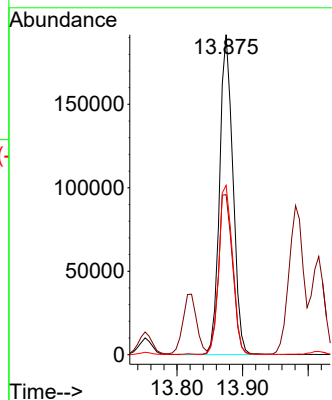
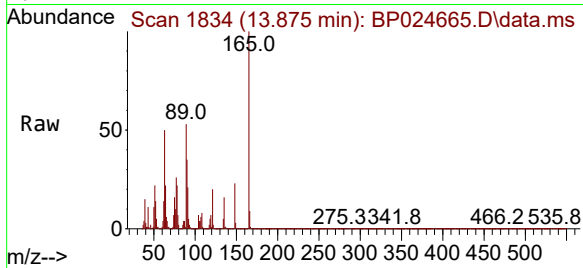
Tgt Ion:165 Resp: 268690

Ion Ratio Lower Upper

165 100

63 50.0 42.4 63.6

89 52.9 44.8 67.2



#52

Acenaphthene

Concen: 44.250 ng

RT: 14.357 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

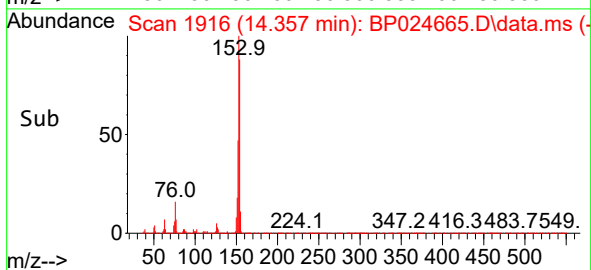
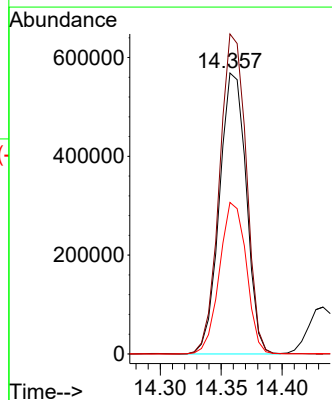
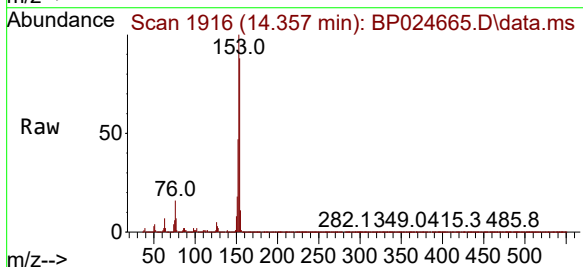
Tgt Ion:154 Resp: 870145

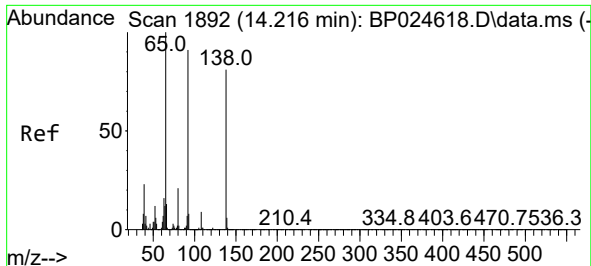
Ion Ratio Lower Upper

154 100

153 113.9 91.0 136.4

152 53.9 42.9 64.3

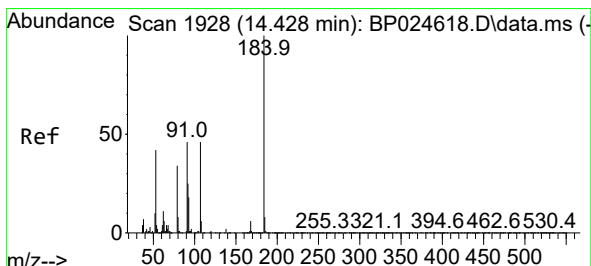
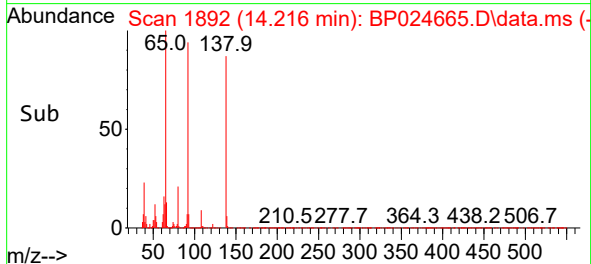
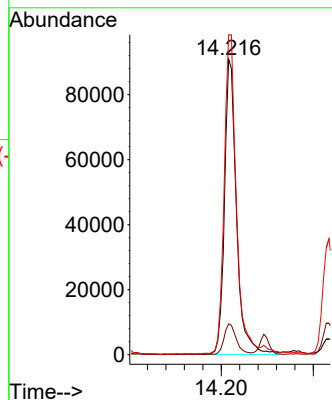
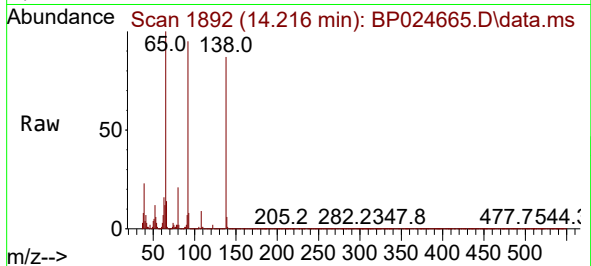




#53
3-Nitroaniline
Concen: 27.488 ng
RT: 14.216 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

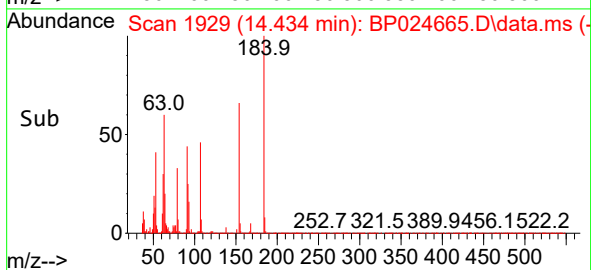
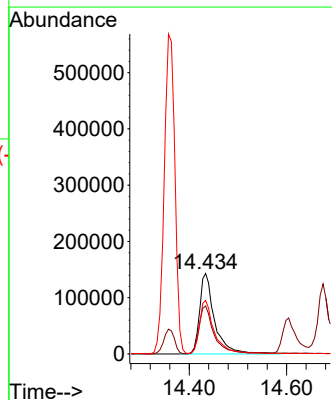
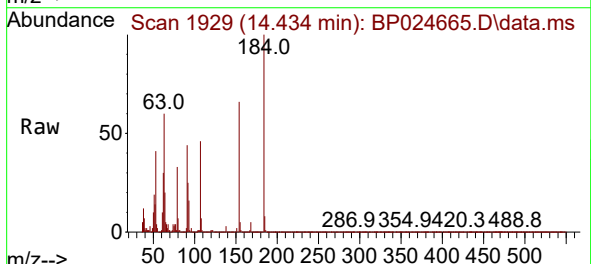
Instrument :
BNA_P
ClientSampleId :
MH-KMS

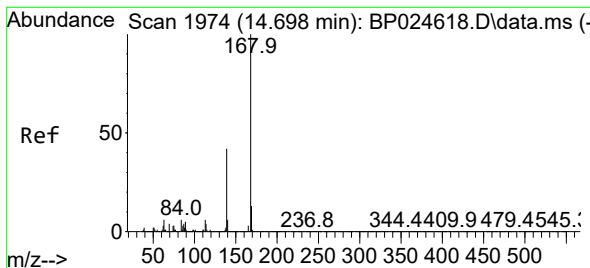
Tgt Ion:138 Resp: 163872
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.4
92 108.4 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 83.107 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:184 Resp: 306966
Ion Ratio Lower Upper
184 100
63 59.7 51.3 76.9
154 66.4 53.5 80.3





#55

Dibenzofuran

Concen: 44.414 ng

RT: 14.704 min Scan# 1975

Delta R.T. 0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

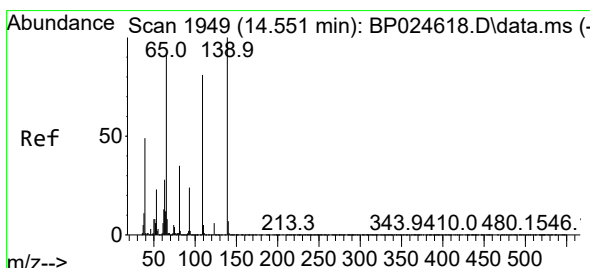
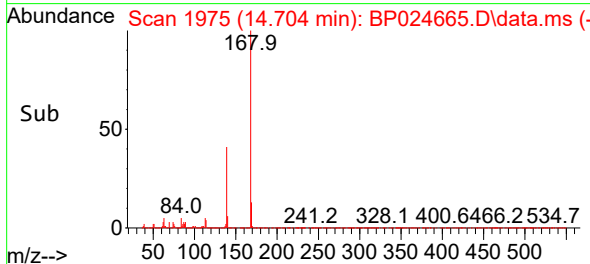
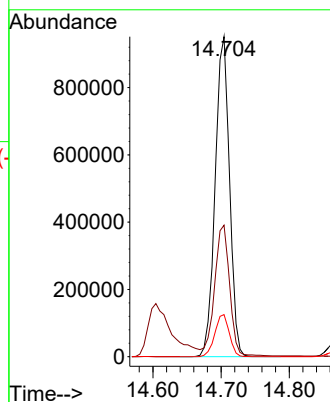
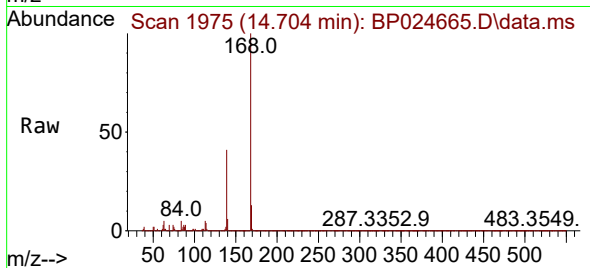
Tgt Ion:168 Resp: 1393080

Ion Ratio Lower Upper

168 100

139 41.1 34.2 51.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 74.881 ng

RT: 14.604 min Scan# 1958

Delta R.T. 0.053 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

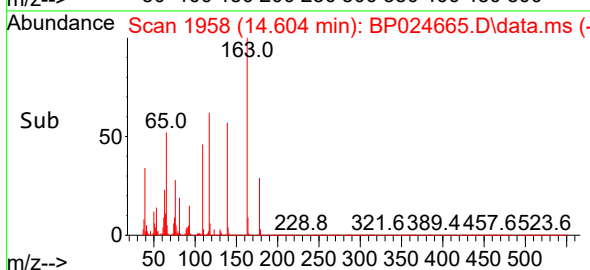
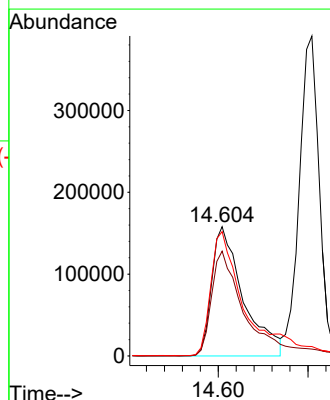
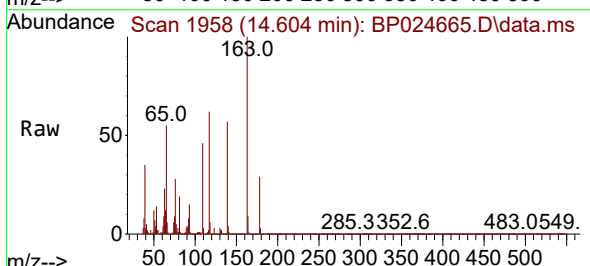
Tgt Ion:139 Resp: 384998

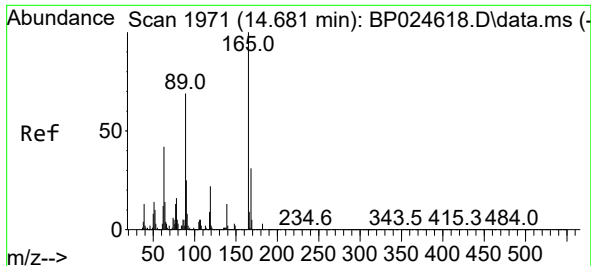
Ion Ratio Lower Upper

139 100

109 81.1 61.4 101.4

65 96.2 72.2 112.2

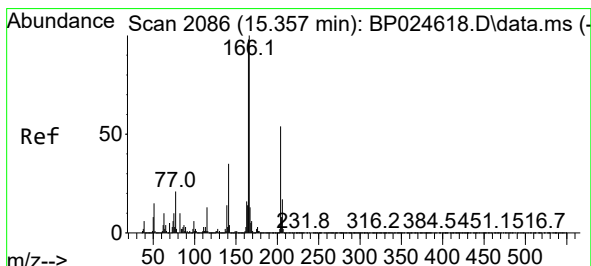
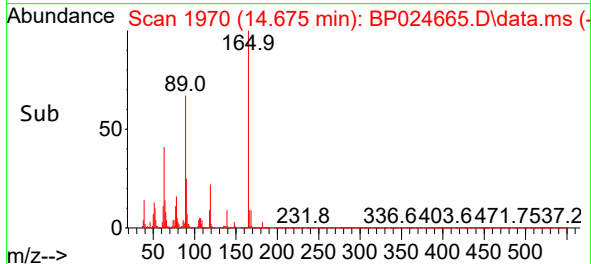
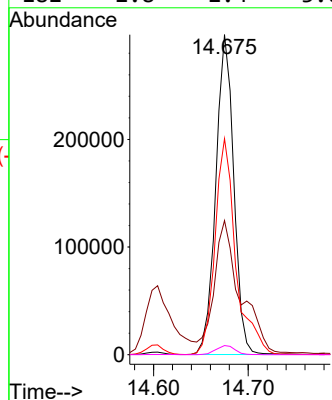
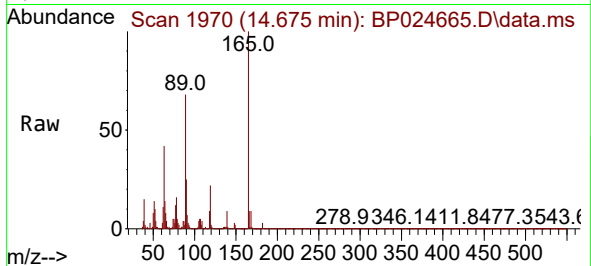




#57
2,4-Dinitrotoluene
Concen: 47.580 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

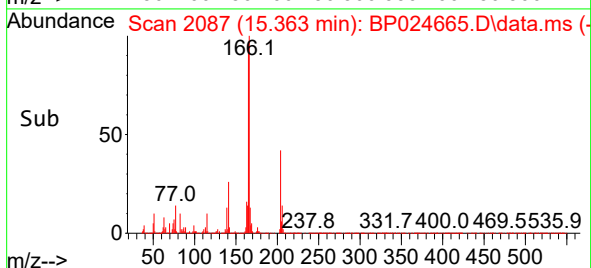
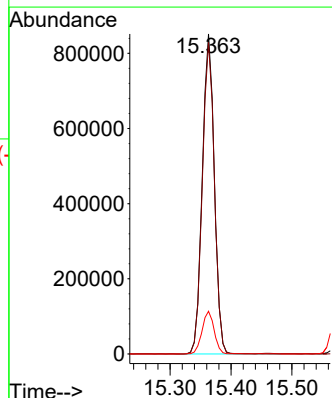
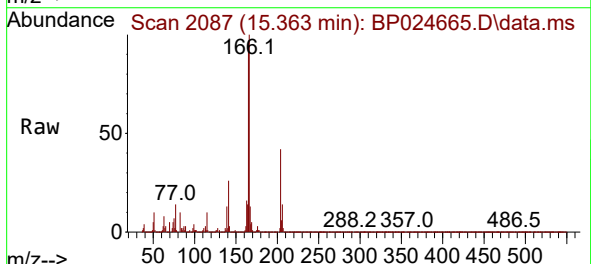
Instrument :
BNA_P
ClientSampleId :
MH-KMS

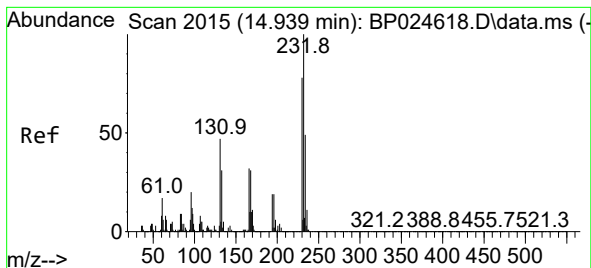
Tgt Ion:165 Resp: 391637
Ion Ratio Lower Upper
165 100
63 41.9 33.8 50.6
89 67.5 55.6 83.4
182 2.8 2.4 3.6



#58
Fluorene
Concen: 45.523 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:166 Resp: 1164277
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.4 10.7 16.1

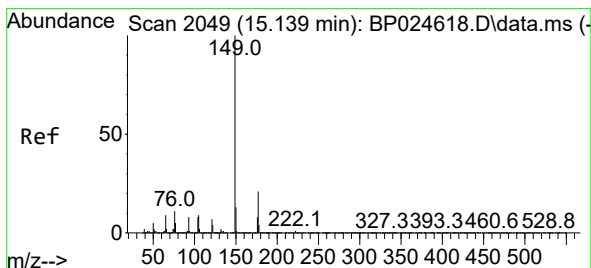
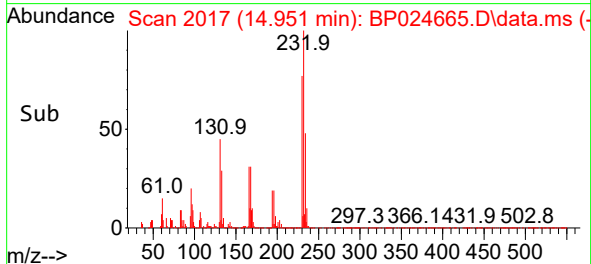
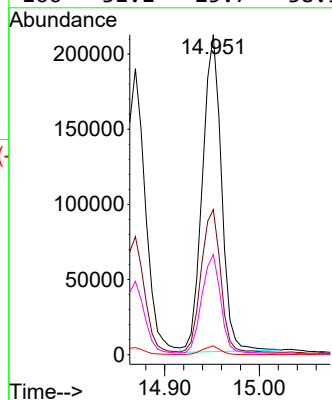
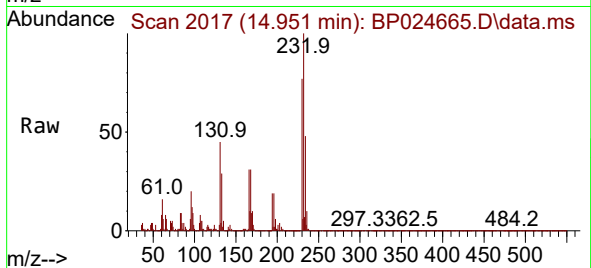




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.863 ng
RT: 14.951 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

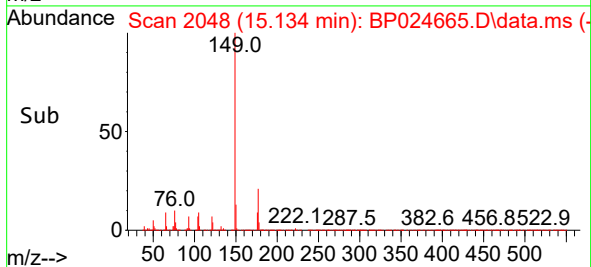
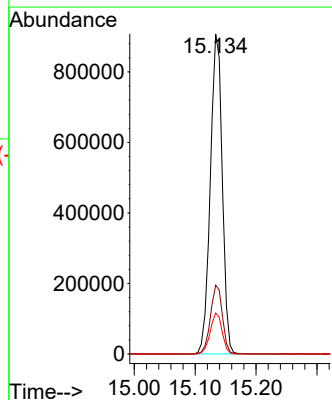
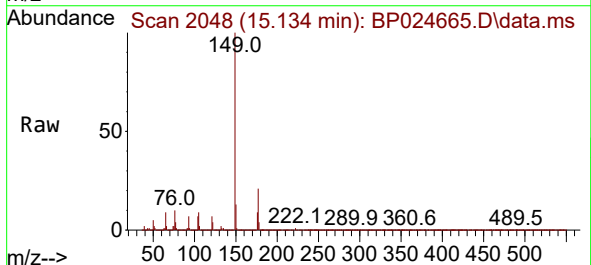
Instrument :
BNA_P
ClientSampleId :
MH-KMS

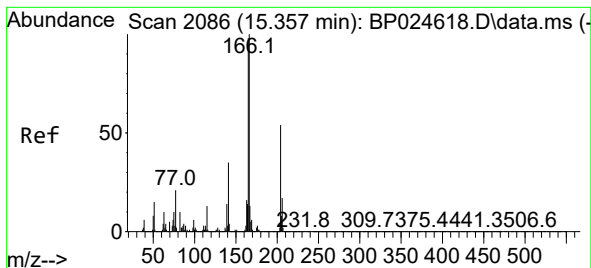
Tgt Ion:232 Resp: 294896
Ion Ratio Lower Upper
232 100
131 49.5 39.5 59.3
130 2.7 2.2 3.4
166 31.1 25.7 38.5



#60
Diethylphthalate
Concen: 44.190 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:149 Resp: 1234706
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.8 10.2 15.2

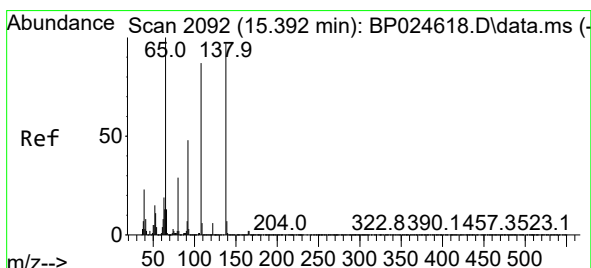
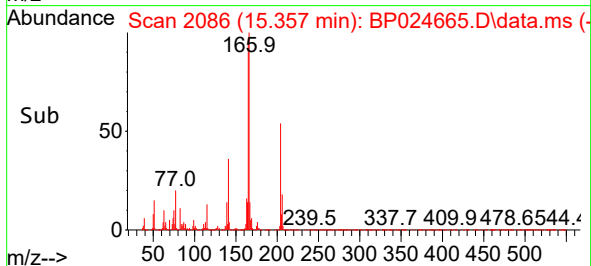
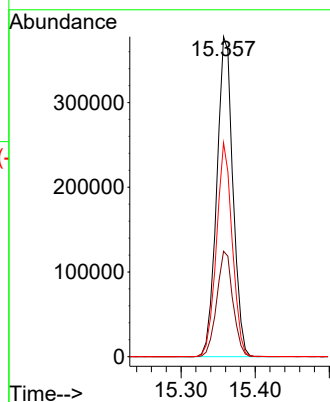
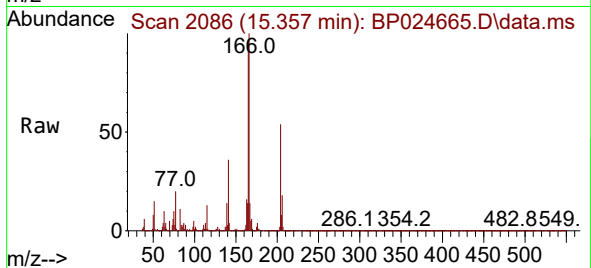




#61
4-Chlorophenyl-phenylether
Concen: 44.818 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

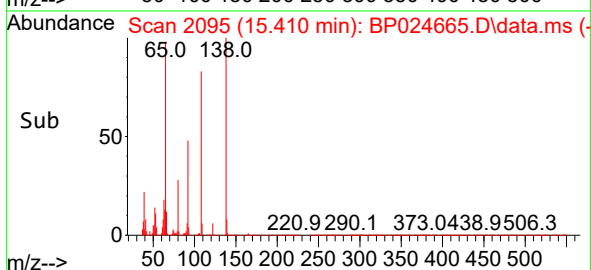
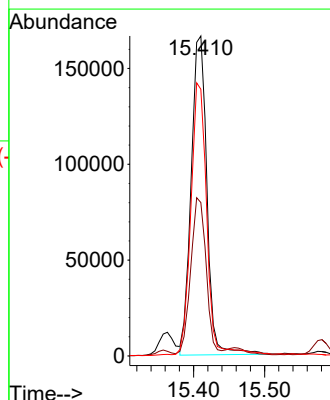
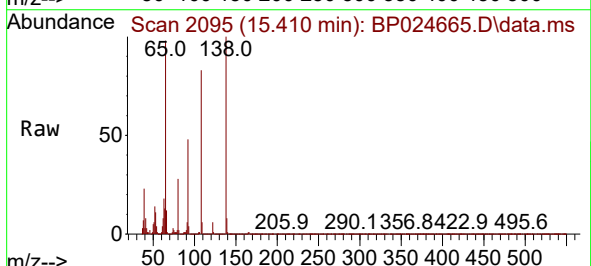
Instrument :
BNA_P
ClientSampleId :
MH-KMS

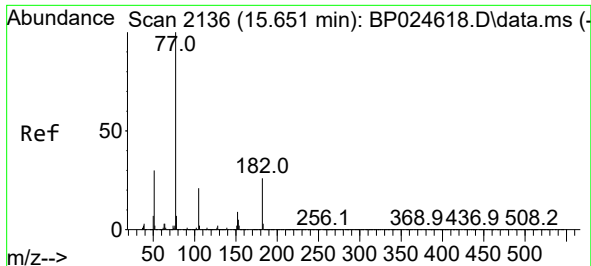
Tgt Ion:204 Resp: 571638
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 66.9 52.9 79.3



#62
4-Nitroaniline
Concen: 44.619 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.018 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:138 Resp: 256838
Ion Ratio Lower Upper
138 100
92 48.0 29.2 69.2
108 83.4 69.0 109.0



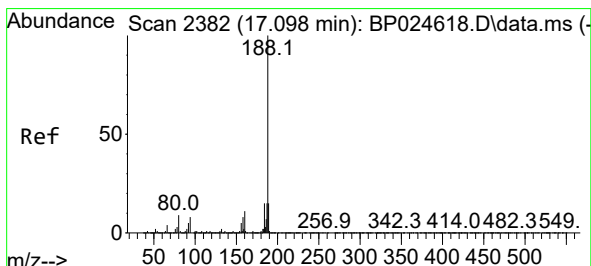
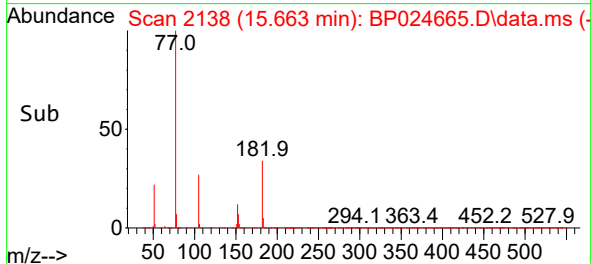
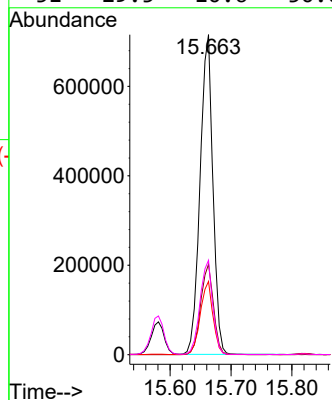
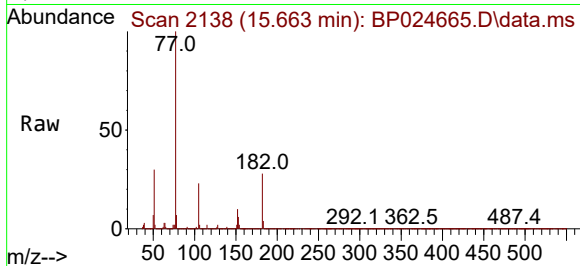


#63
Azobenzene
Concen: 43.655 ng
RT: 15.663 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Instrument :
BNA_P
ClientSampleId :
MH-KMS

Tgt Ion: 77 Resp: 1043486

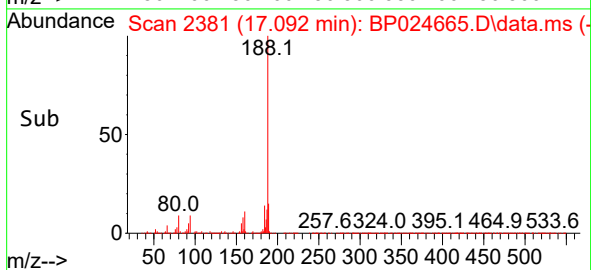
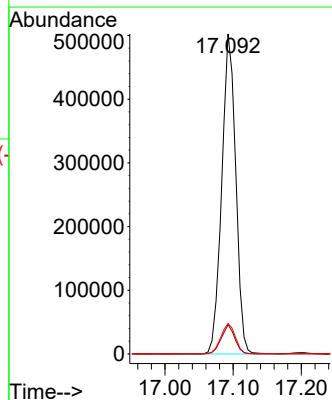
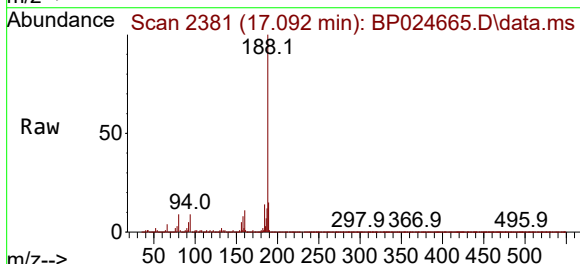
Ion	Ratio	Lower	Upper
77	100		
182	28.2	5.7	45.7
105	22.9	1.3	41.3
51	29.5	10.6	50.6

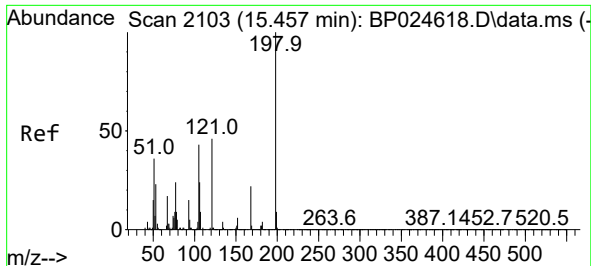


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion: 188 Resp: 717901

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.5	9.7
80	9.5	7.3	10.9

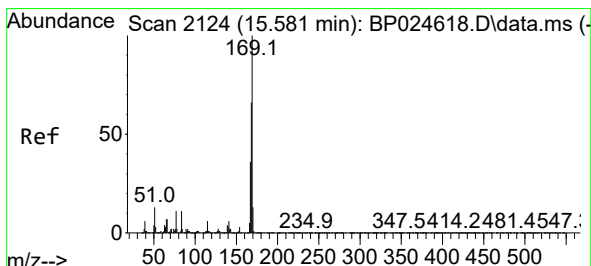
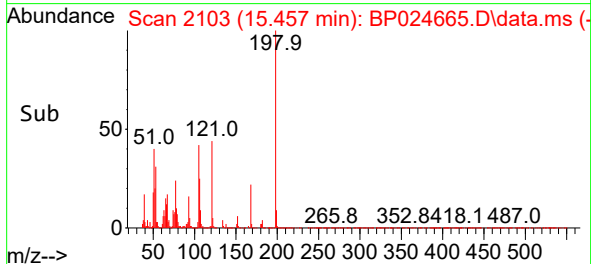
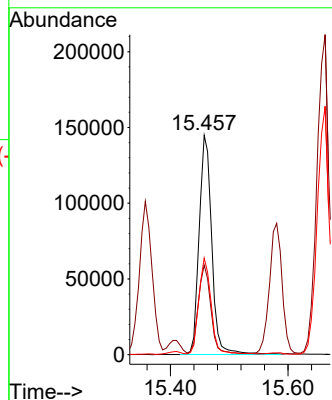
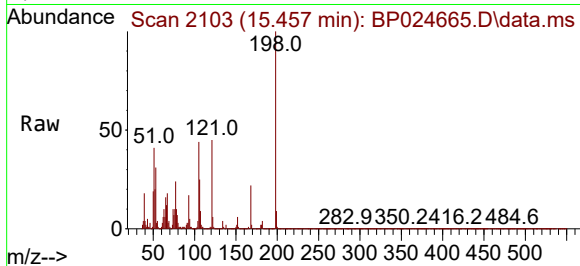




#65
4,6-Dinitro-2-methylphenol
Concen: 46.674 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

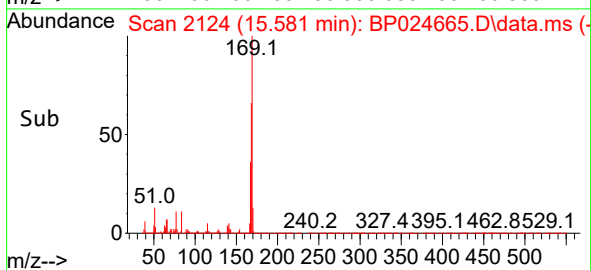
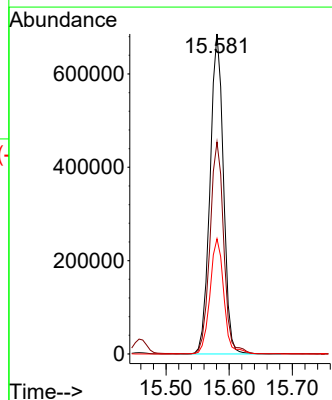
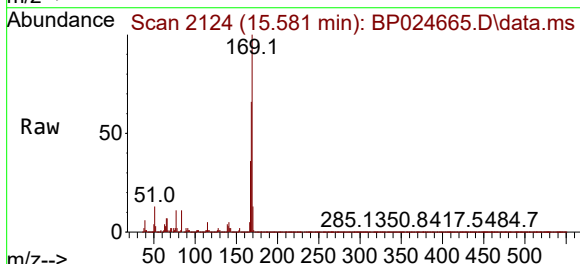
Instrument :
BNA_P
ClientSampleId :
MH-KMS

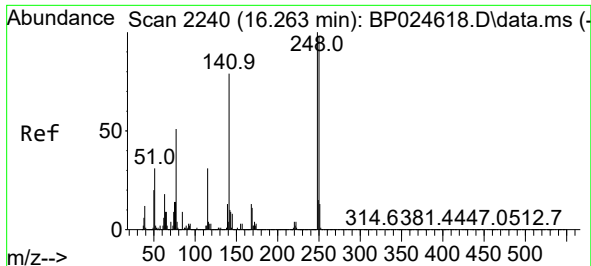
Tgt Ion:198 Resp: 216437
Ion Ratio Lower Upper
198 100
51 40.9 21.1 61.1
105 44.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 45.872 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:169 Resp: 1011520
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.0 28.6 43.0

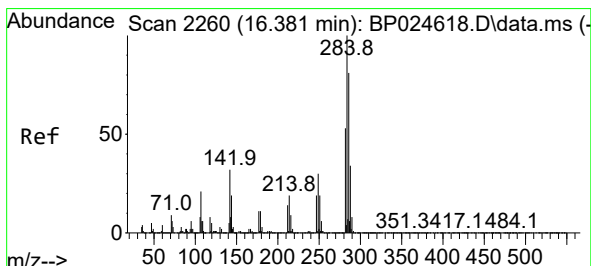
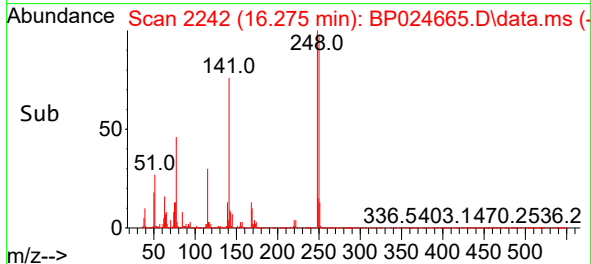
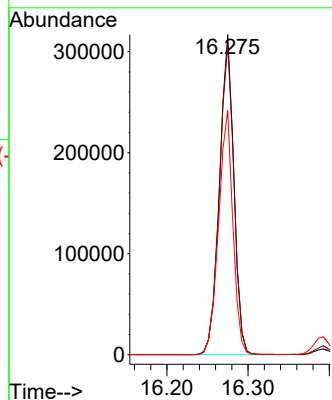
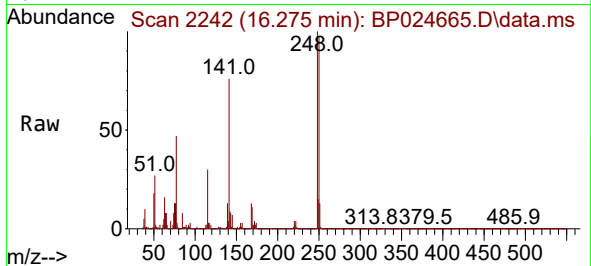




#67
4-Bromophenyl-phenylether
Concen: 46.293 ng
RT: 16.275 min Scan# 2242
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

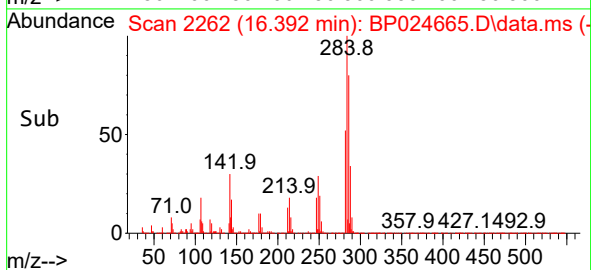
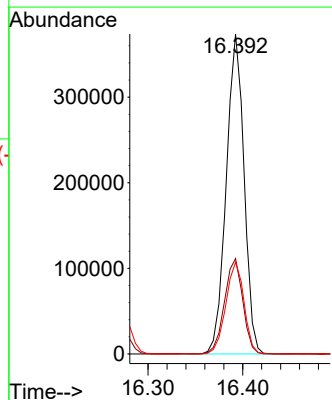
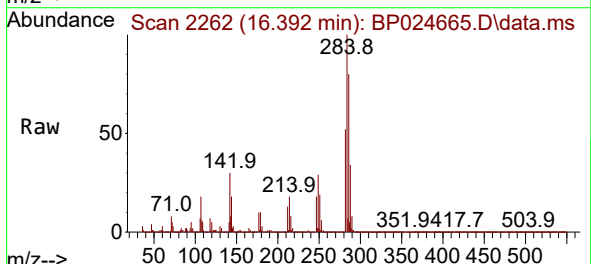
Instrument :
BNA_P
ClientSampleId :
MH-KMS

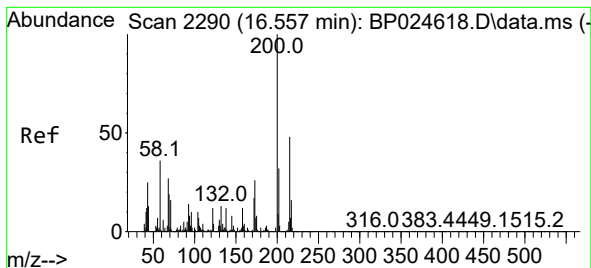
Tgt Ion:248 Resp: 391608
Ion Ratio Lower Upper
248 100
250 96.9 78.2 117.4
141 76.3 63.0 94.6



#68
Hexachlorobenzene
Concen: 45.484 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:284 Resp: 488918
Ion Ratio Lower Upper
284 100
142 29.8 25.9 38.9
249 28.6 24.1 36.1





#69

Atrazine

Concen: 46.546 ng

RT: 16.563 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

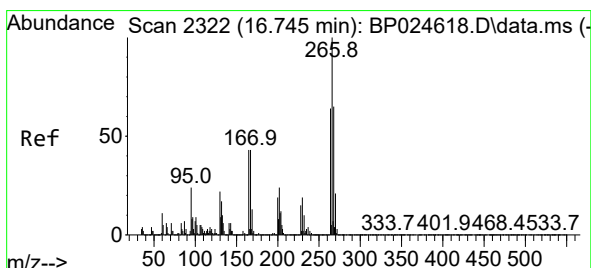
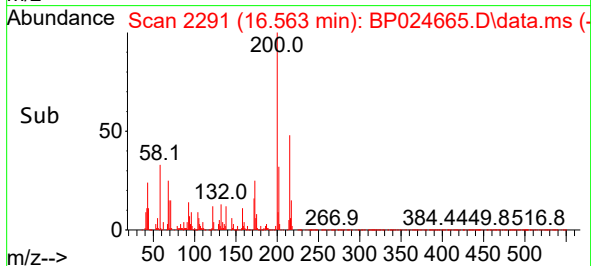
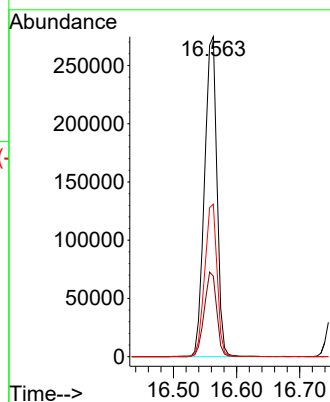
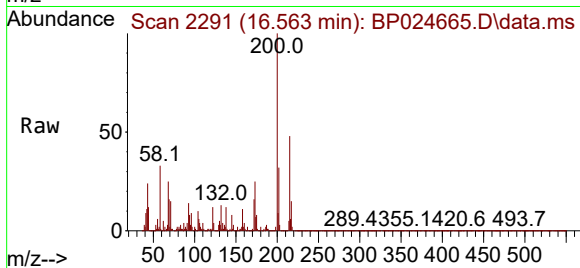
Tgt Ion:200 Resp: 376146

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

215 47.6 28.3 68.3



#70

Pentachlorophenol

Concen: 94.084 ng

RT: 16.757 min Scan# 2324

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

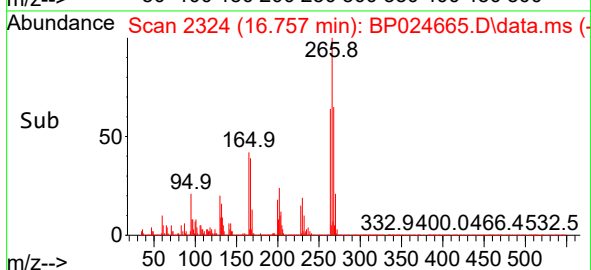
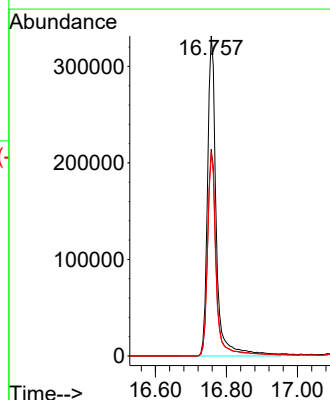
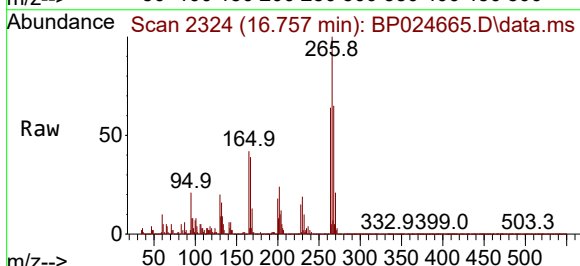
Tgt Ion:266 Resp: 567701

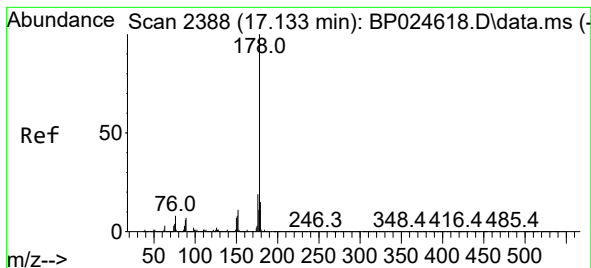
Ion Ratio Lower Upper

266 100

268 64.6 52.2 78.4

264 63.6 51.1 76.7





#71

Phenanthrene

Concen: 45.299 ng

RT: 17.134 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

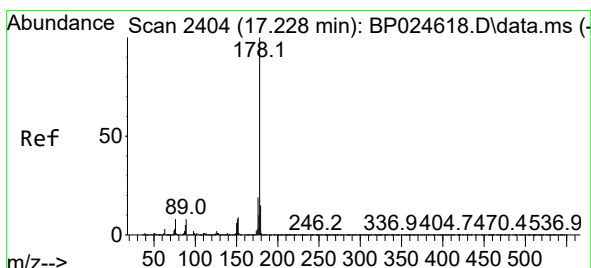
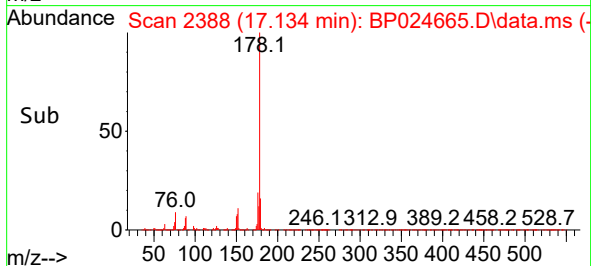
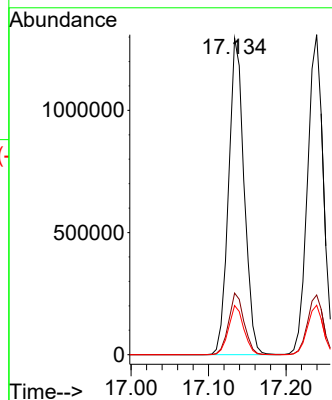
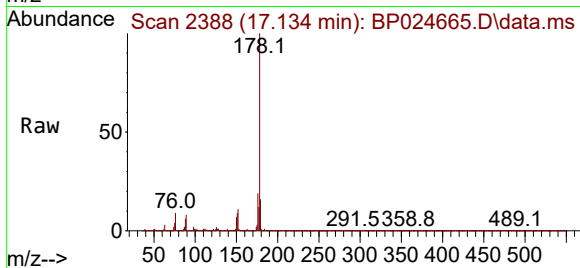
Tgt Ion:178 Resp: 1807859

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.5 12.2 18.4



#72

Anthracene

Concen: 46.089 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

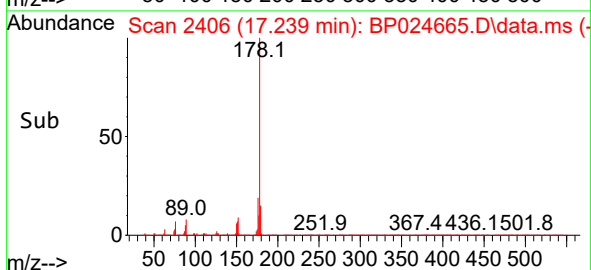
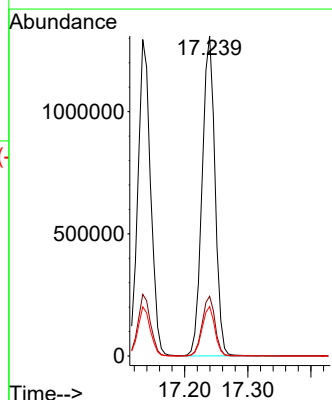
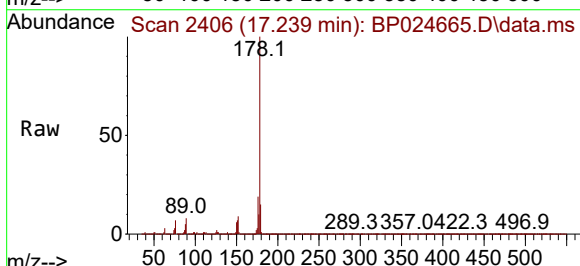
Tgt Ion:178 Resp: 1850633

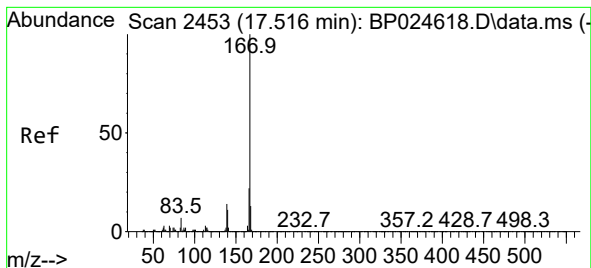
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.5 12.2 18.2





#73

Carbazole

Concen: 47.965 ng

RT: 17.522 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

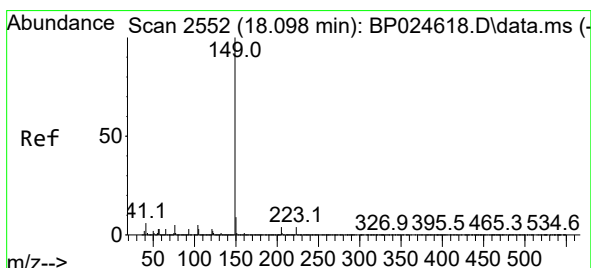
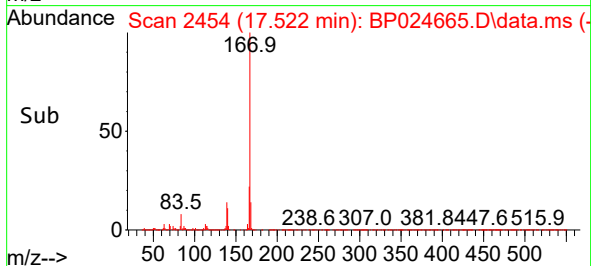
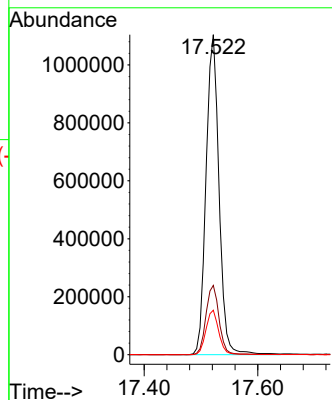
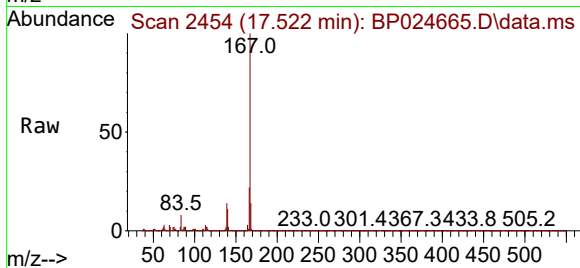
Tgt Ion:167 Resp: 1743175

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

139 13.9 11.3 16.9



#74

Di-n-butylphthalate

Concen: 47.008 ng

RT: 18.104 min Scan# 2553

Delta R.T. 0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

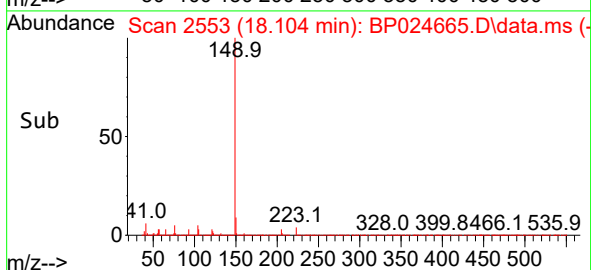
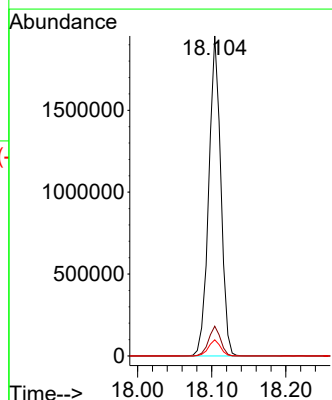
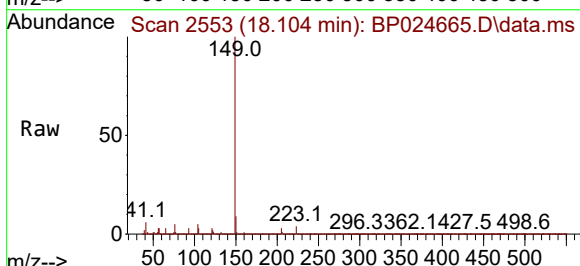
Tgt Ion:149 Resp: 2197149

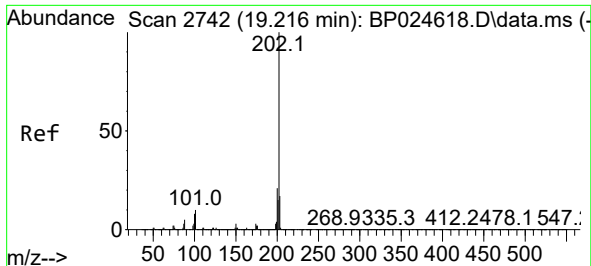
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.1 4.3 6.5

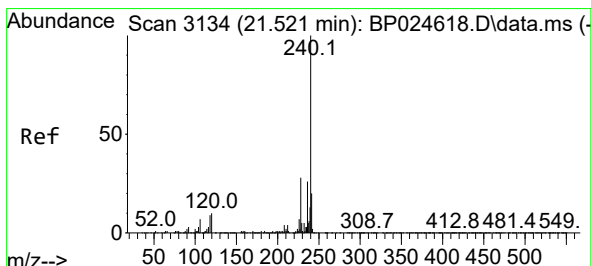
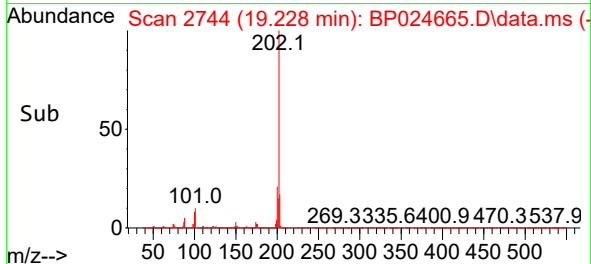
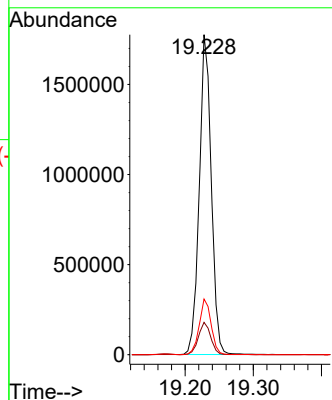
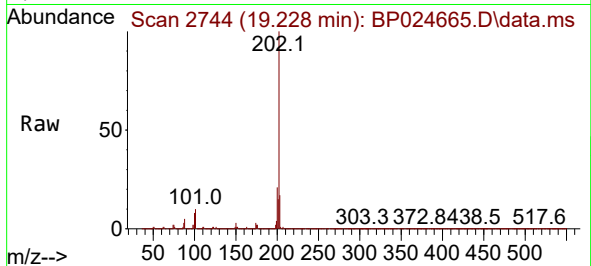




#75
Fluoranthene
Concen: 46.373 ng
RT: 19.228 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

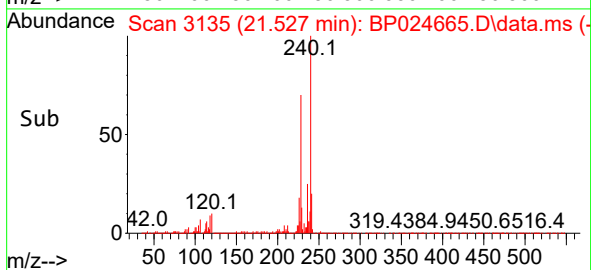
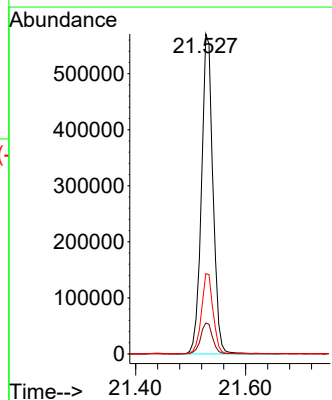
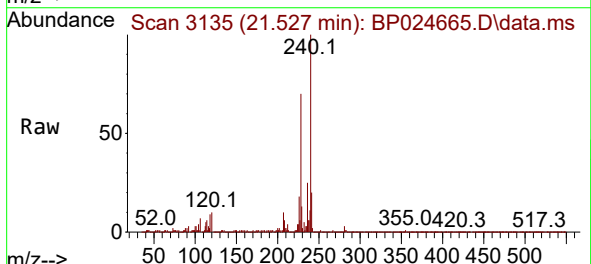
Instrument :
BNA_P
ClientSampleId :
MH-KMS

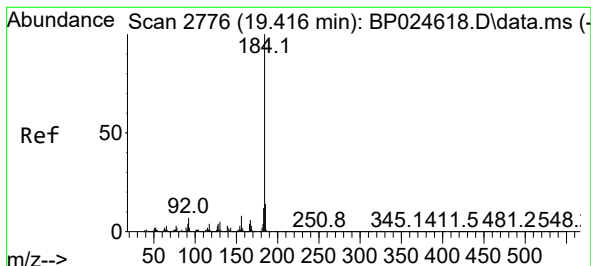
Tgt Ion:202 Resp: 2163349
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:240 Resp: 829483
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.1 20.6 31.0





#77

Benzidine

Concen: 15.109 ng

RT: 19.433 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

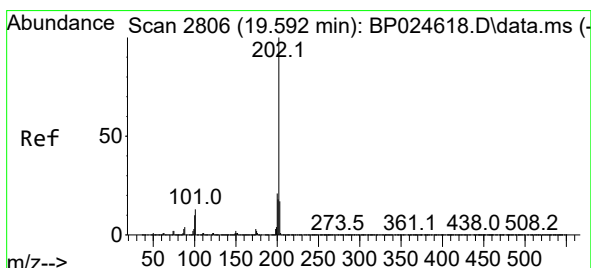
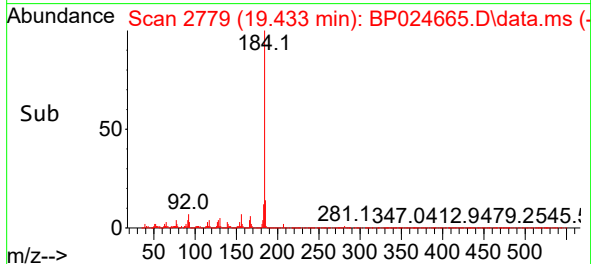
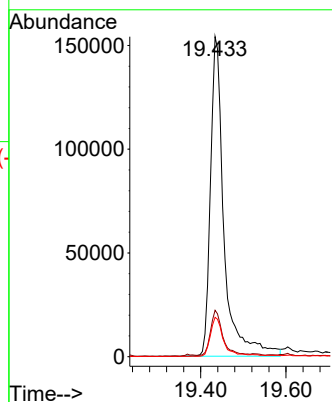
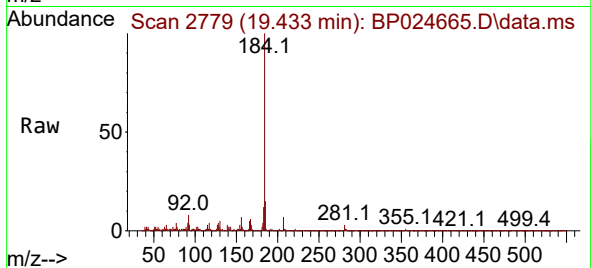
Tgt Ion:184 Resp: 341339

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 12.3 9.8 14.8



#78

Pyrene

Concen: 45.746 ng

RT: 19.604 min Scan# 2808

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

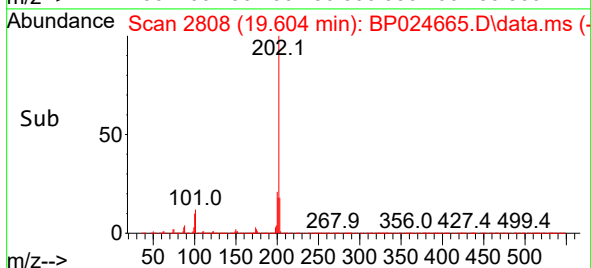
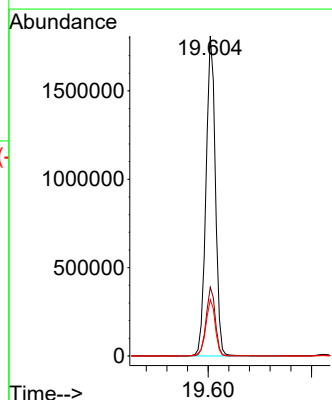
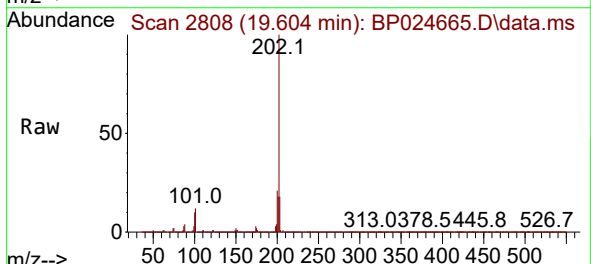
Tgt Ion:202 Resp: 2273589

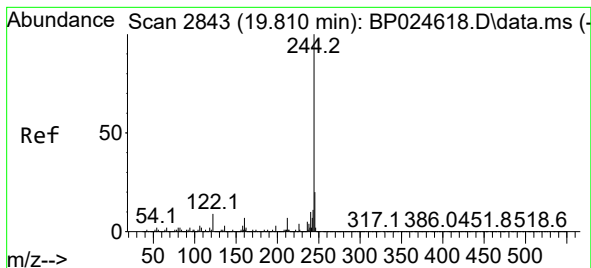
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 78.647 ng

RT: 19.822 min Scan# 2

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

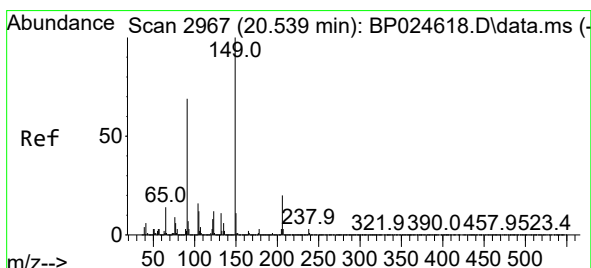
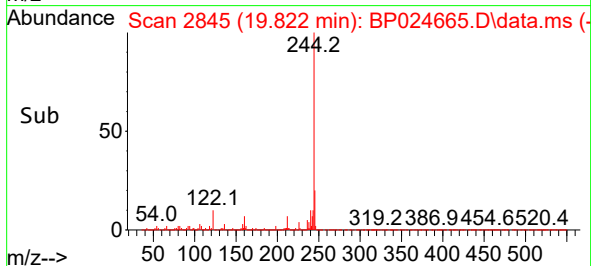
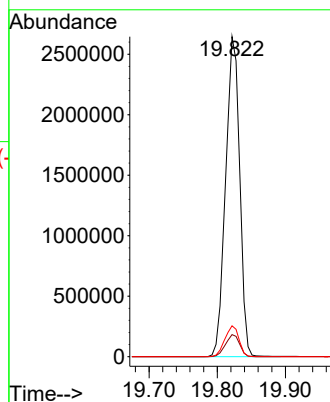
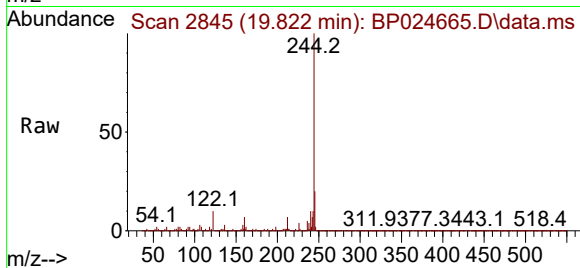
Tgt Ion:244 Resp: 3804552

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.7 7.4 11.0



#80

Butylbenzylphthalate

Concen: 47.403 ng

RT: 20.557 min Scan# 2970

Delta R.T. 0.018 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

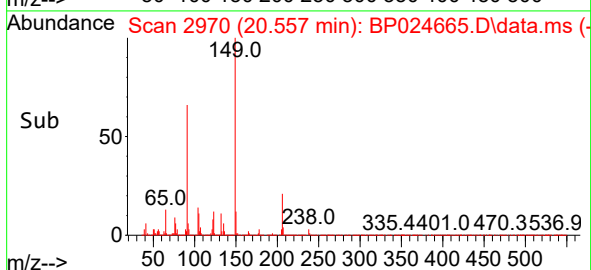
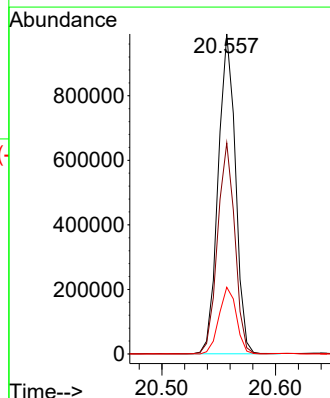
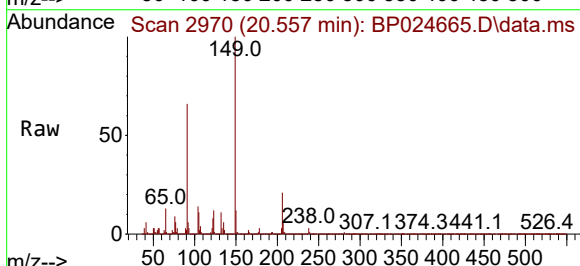
Tgt Ion:149 Resp: 1047793

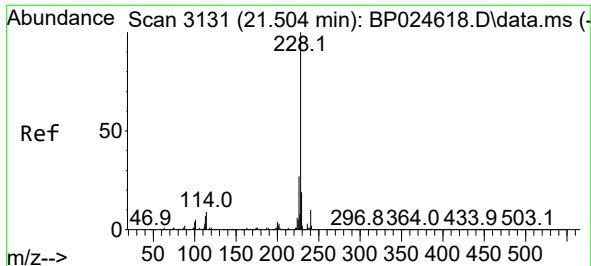
Ion Ratio Lower Upper

149 100

91 65.9 55.4 83.0

206 20.9 16.2 24.2

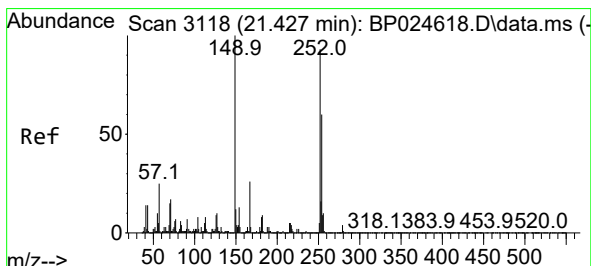
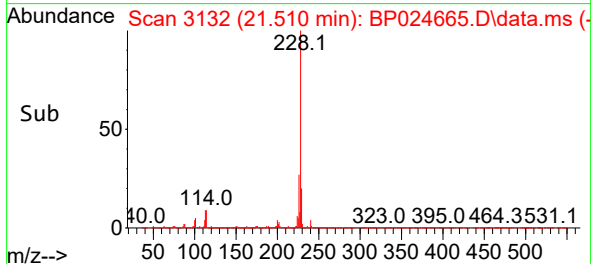
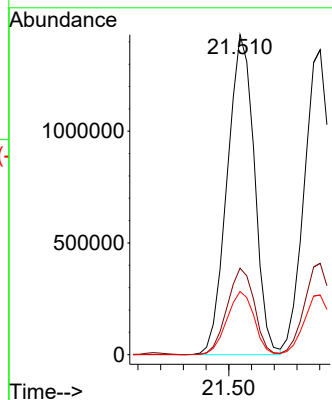
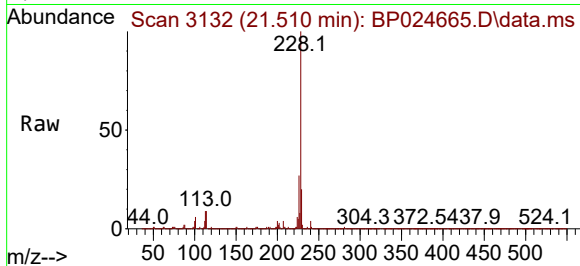




#81
Benzo(a)anthracene
Concen: 45.664 ng
RT: 21.510 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

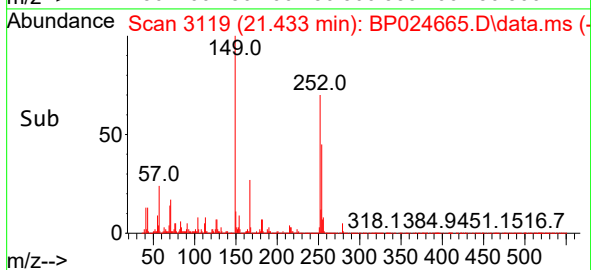
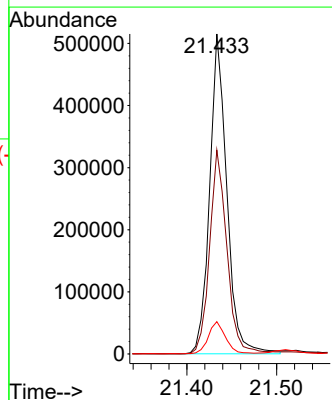
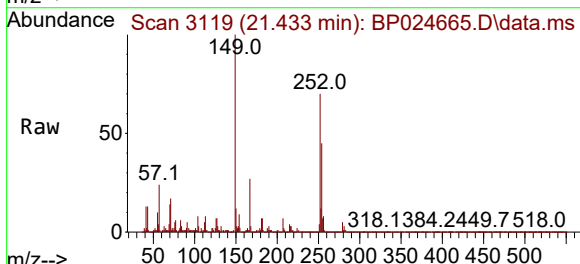
Instrument :
BNA_P
ClientSampleId :
MH-KMS

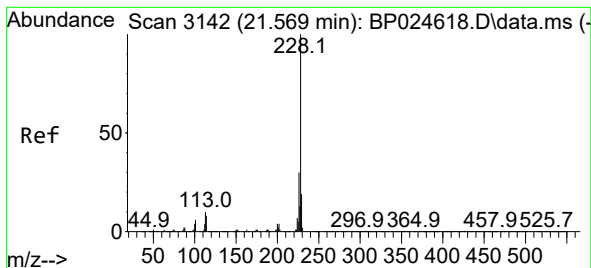
Tgt Ion:228 Resp: 2378394
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 35.338 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:252 Resp: 683626
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 10.1 7.7 11.5





#83

Chrysene

Concen: 45.292 ng

RT: 21.580 min Scan# 3144

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

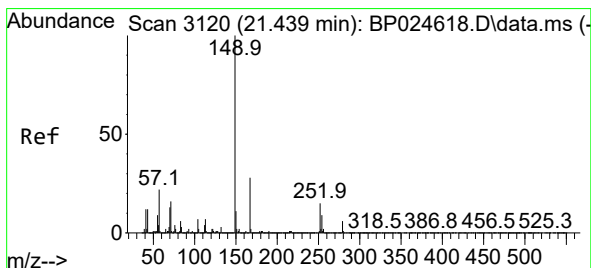
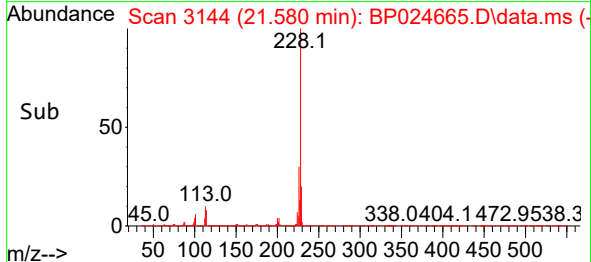
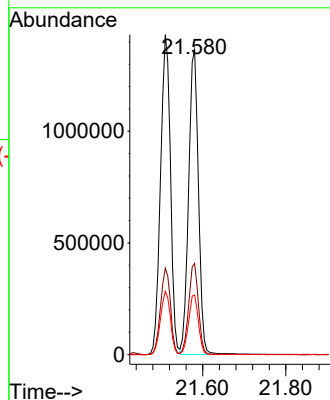
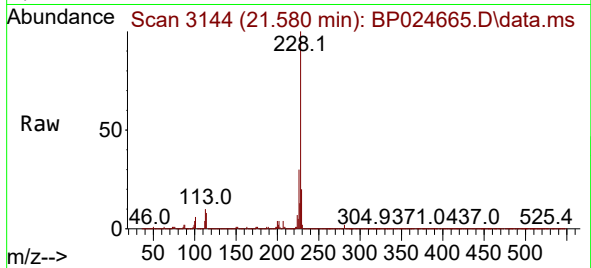
Tgt Ion:228 Resp: 2236227

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.749 ng

RT: 21.445 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

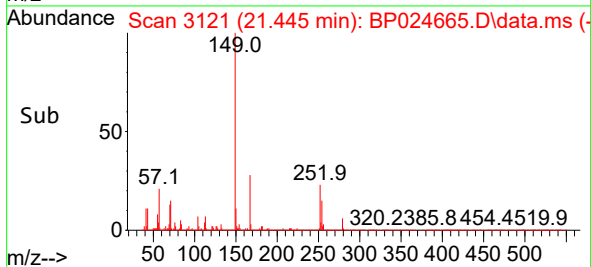
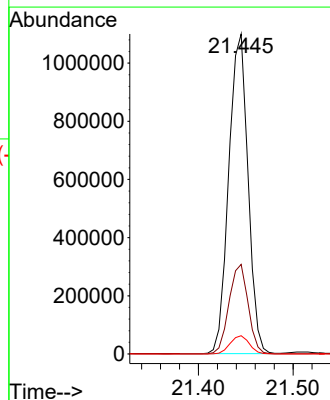
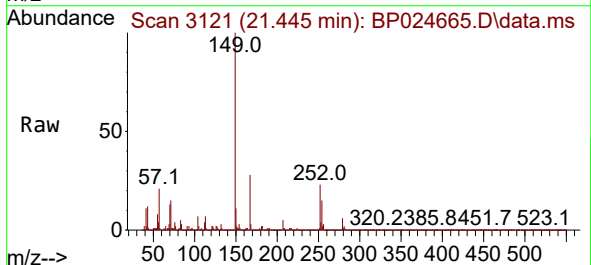
Tgt Ion:149 Resp: 1551307

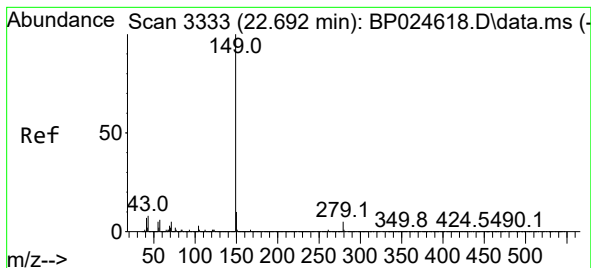
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 5.7 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 50.491 ng

RT: 22.692 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

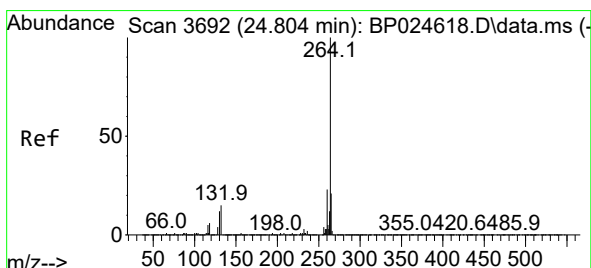
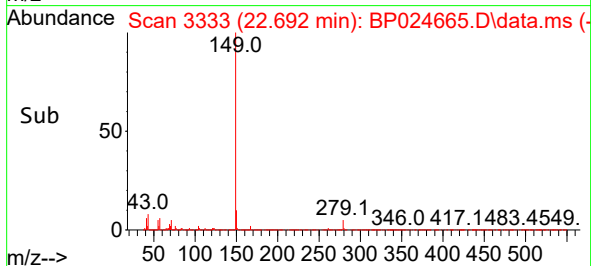
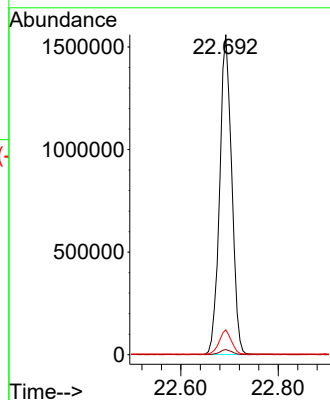
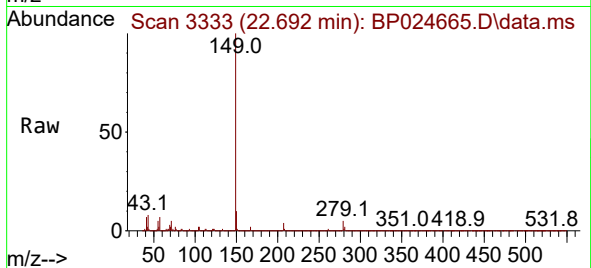
Tgt Ion:149 Resp: 2682489

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3692

Delta R.T. 0.000 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

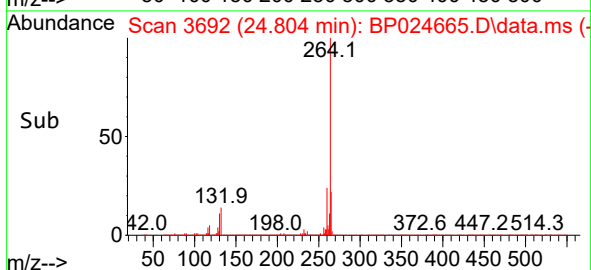
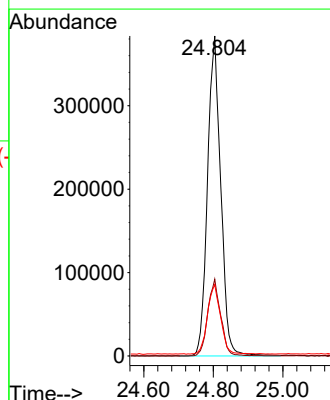
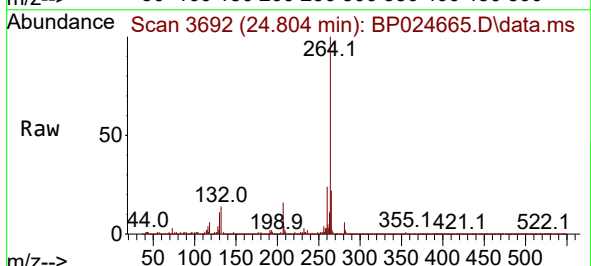
Tgt Ion:264 Resp: 1012511

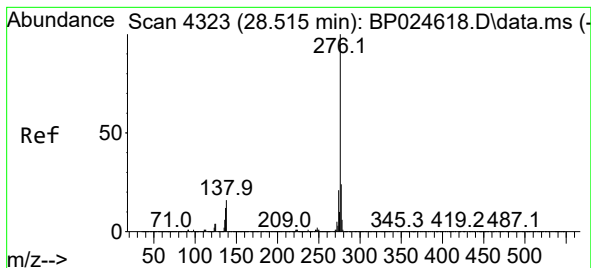
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.926 ng

RT: 28.533 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

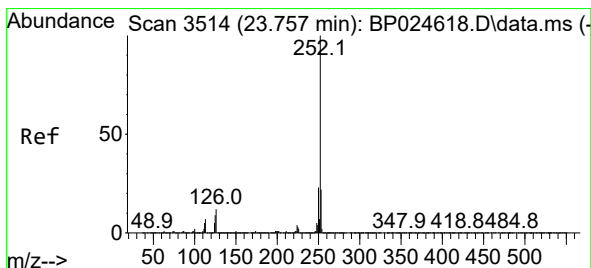
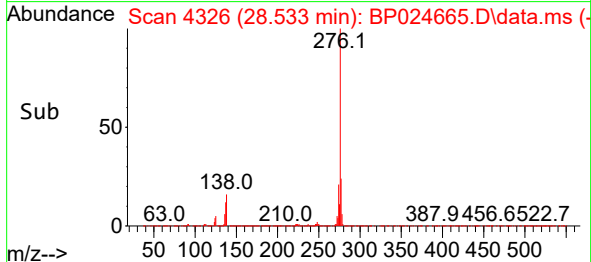
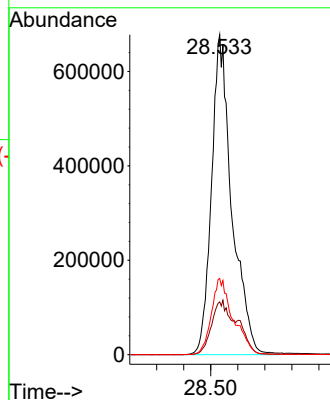
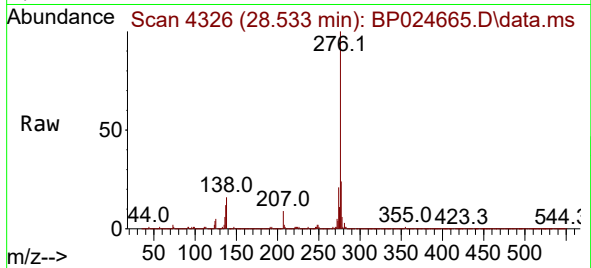
Tgt Ion:276 Resp: 3542628

Ion Ratio Lower Upper

276 100

138 16.0 11.2 16.8

277 25.5 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 46.100 ng

RT: 23.774 min Scan# 3517

Delta R.T. 0.018 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

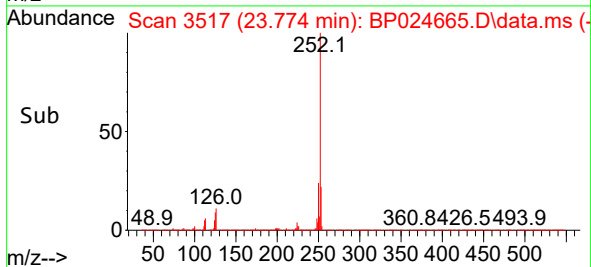
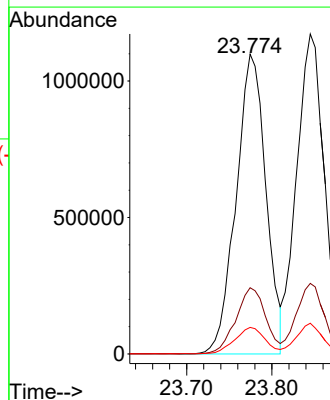
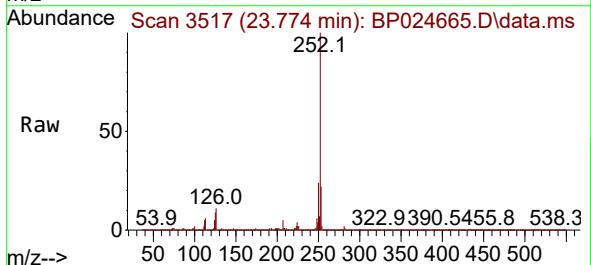
Tgt Ion:252 Resp: 2671679

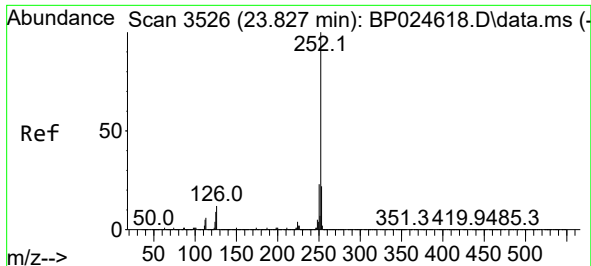
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.8 7.5 11.3

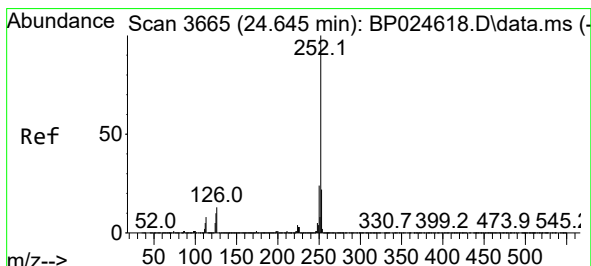
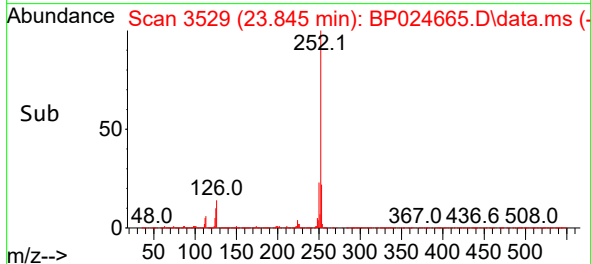
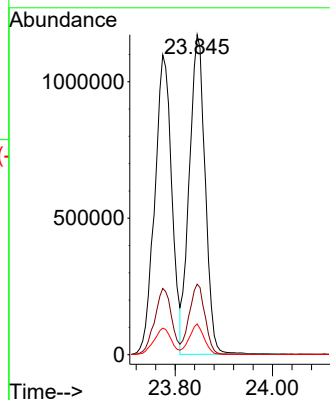
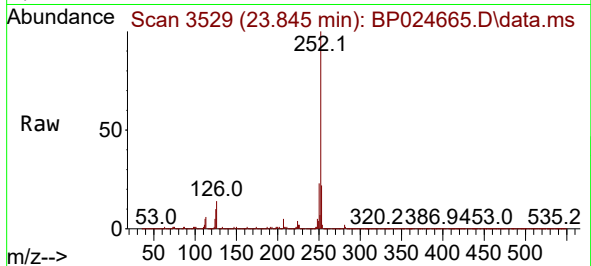




#89
Benzo(k)fluoranthene
Concen: 44.355 ng
RT: 23.845 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

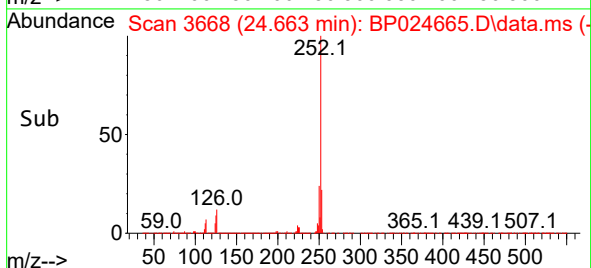
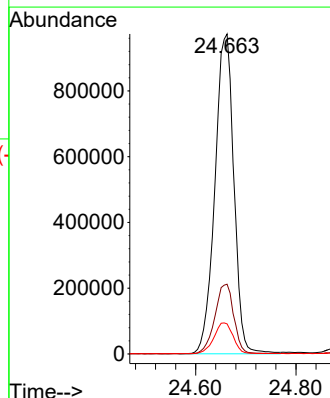
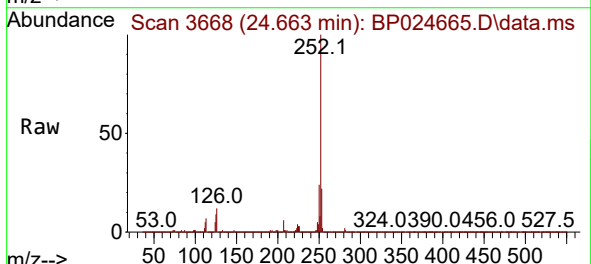
Instrument :
BNA_P
ClientSampleId :
MH-KMS

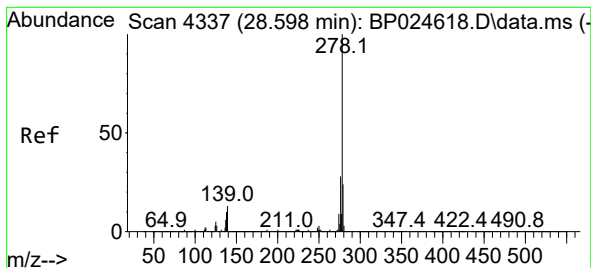
Tgt Ion:252 Resp: 2648831
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.6 7.0 10.4



#90
Benzo(a)pyrene
Concen: 45.807 ng
RT: 24.663 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP024665.D
Acq: 16 May 2025 20:22

Tgt Ion:252 Resp: 2549626
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.4 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 48.404 ng

RT: 28.609 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Instrument :

BNA_P

ClientSampleId :

MH-KMS

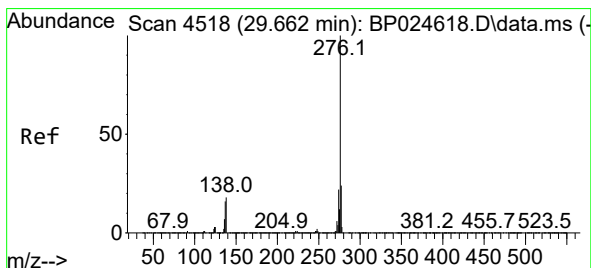
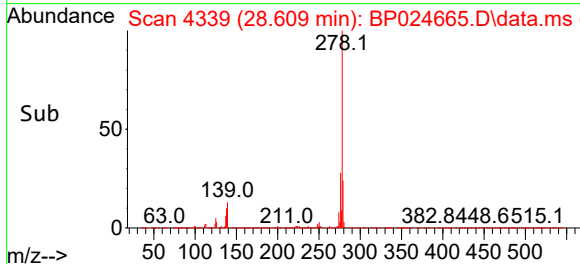
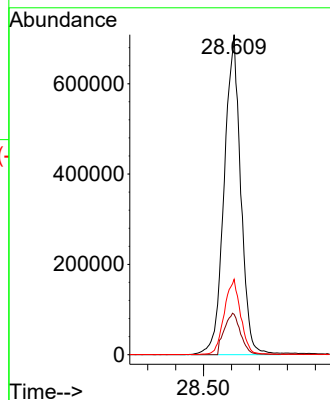
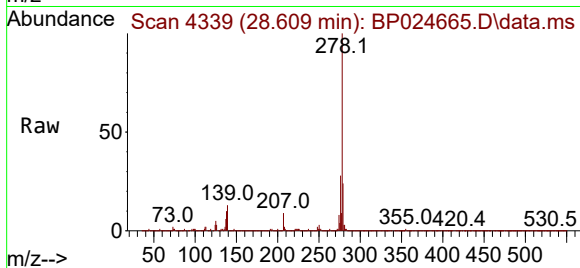
Tgt Ion:278 Resp: 2910834

Ion Ratio Lower Upper

278 100

139 12.6 10.2 15.4

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.691 ng

RT: 29.680 min Scan# 4521

Delta R.T. 0.018 min

Lab File: BP024665.D

Acq: 16 May 2025 20:22

Tgt Ion:276 Resp: 2852013

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 18.7 14.4 21.6

