

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024663.D
 Acq On : 16 May 2025 19:01
 Operator : RC/JU
 Sample : Q1983-25MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-05MSD

Quant Time: May 17 00:45:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	157336	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	662902	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	433623	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	874069	20.000	ng	0.00
76) Chrysene-d12	21.533	240	911524	20.000	ng	0.01
86) Perylene-d12	24.839	264	1070469	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	765050	83.167	ng	0.02
7) Phenol-d6	6.881	99	1026344	87.420	ng	0.03
23) Nitrobenzene-d5	8.810	82	595214	45.367	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	571443	77.735	ng	0.01
45) 2-Fluorobiphenyl	12.904	172	1436848	43.412	ng	0.00
79) Terphenyl-d14	19.828	244	2336436	43.951	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	141517	32.762	ng	99
3) Pyridine	3.617	79	357299	37.304	ng	99
4) n-Nitrosodimethylamine	3.528	42	163826	38.744	ng	98
6) Aniline	7.005	93	439166	28.973	ng	99
8) 2-Chlorophenol	7.252	128	477782	45.752	ng	99
9) Benzaldehyde	6.816	77	267122	35.148	ng	100
10) Phenol	6.911	94	579631	47.834	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	401466	40.320	ng	99
12) 1,3-Dichlorobenzene	7.552	146	492218	40.969	ng	98
13) 1,4-Dichlorobenzene	7.699	146	493211	40.816	ng	99
14) 1,2-Dichlorobenzene	8.010	146	475033	40.344	ng	100
15) Benzyl Alcohol	7.916	79	406034	45.511	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.181	45	467675	39.220	ng	99
17) 2-Methylphenol	8.134	107	396567	45.629	ng	99
18) Hexachloroethane	8.728	117	181304	39.154	ng	99
19) n-Nitroso-di-n-propyla...	8.463	70	320585	39.475	ng	99
20) 3+4-Methylphenols	8.463	107	542219	45.864	ng	# 87
22) Acetophenone	8.481	105	681988	41.186	ng	# 98
24) Nitrobenzene	8.857	77	474338	41.083	ng	96
25) Isophorone	9.375	82	925887	40.684	ng	100
26) 2-Nitrophenol	9.557	139	262243	46.353	ng	98
27) 2,4-Dimethylphenol	9.640	122	462779	46.395	ng	100
28) bis(2-Chloroethoxy)met...	9.852	93	564859	41.544	ng	98
29) 2,4-Dichlorophenol	10.116	162	455765	47.150	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	455435	41.811	ng	97
31) Naphthalene	10.487	128	1421244	41.373	ng	100
32) Benzoic acid	9.828	122	198189	31.568	ng	97
33) 4-Chloroaniline	10.599	127	313334	22.604	ng	99
34) Hexachlorobutadiene	10.763	225	280704	39.780	ng	96
35) Caprolactam	11.404	113	167799	47.980	ng	99
36) 4-Chloro-3-methylphenol	11.775	107	537551	45.602	ng	99
37) 2-Methylnaphthalene	12.099	142	915168	41.143	ng	98
38) 1-Methylnaphthalene	12.316	142	978075	41.096	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	519275	41.239	ng	99
41) Hexachlorocyclopentadiene	12.446	237	439958	57.622	ng	97
43) 2,4,6-Trichlorophenol	12.728	196	376189	46.125	ng	99

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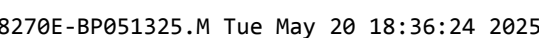
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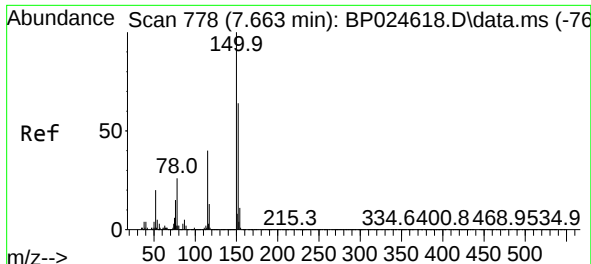
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.834	196	410284	45.193	ng	96
46) 1,1'-Biphenyl	13.116	154	1357780	42.365	ng	100
47) 2-Chloronaphthalene	13.163	162	1042808	42.673	ng	100
48) 2-Nitroaniline	13.375	65	329248	45.509	ng	97
49) Acenaphthylene	14.016	152	1757929	42.987	ng	100
50) Dimethylphthalate	13.757	163	1404539	42.496	ng	100
51) 2,6-Dinitrotoluene	13.875	165	307215	44.012	ng	100
52) Acenaphthene	14.363	154	984203	41.864	ng	99
53) 3-Nitroaniline	14.216	138	229713	32.230	ng	99
54) 2,4-Dinitrophenol	14.434	184	353152	80.214	ng	98
55) Dibenzofuran	14.698	168	1577517	42.068	ng	99
56) 4-Nitrophenol	14.604	139	491830	79.723	ng	99
57) 2,4-Dinitrotoluene	14.681	165	447187	45.442	ng	95
58) Fluorene	15.357	166	1303967	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.951	232	358925	42.619	ng	97
60) Diethylphthalate	15.134	149	1420747	42.531	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	640763	42.021	ng	97
62) 4-Nitroaniline	15.404	138	288403	41.907	ng	96
63) Azobenzene	15.651	77	1354287	47.391	ng	96
65) 4,6-Dinitro-2-methylph...	15.463	198	252765	44.769	ng	98
66) n-Nitrosodiphenylamine	15.575	169	1151800	42.901	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	439578	42.679	ng	98
68) Hexachlorobenzene	16.392	284	547873	41.862	ng	99
69) Atrazine	16.563	200	429220	43.624	ng	99
70) Pentachlorophenol	16.757	266	633070	86.172	ng	99
71) Phenanthrene	17.145	178	2050431	42.198	ng	100
72) Anthracene	17.234	178	2089638	42.744	ng	100
73) Carbazole	17.528	167	1955128	44.185	ng	99
74) Di-n-butylphthalate	18.116	149	2513347	44.166	ng	99
75) Fluoranthene	19.233	202	2415698	42.530	ng	99
77) Benzidine	19.439	184	844562	34.019	ng	99
78) Pyrene	19.610	202	2505885	45.882	ng	100
80) Butylbenzylphthalate	20.557	149	1153735	47.498	ng	99
81) Benzo(a)anthracene	21.510	228	2460640	42.991	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	852765	40.114	ng	100
83) Chrysene	21.586	228	2325598	42.863	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1655220	46.362	ng	99
85) Di-n-octyl phthalate	22.704	149	2698152	46.215	ng	100
87) Indeno(1,2,3-cd)pyrene	28.551	276	3392704m	43.413	ng	
88) Benzo(b)fluoranthene	23.780	252	2574498	42.018	ng	100
89) Benzo(k)fluoranthene	23.839	252	2583902	40.925	ng	99
90) Benzo(a)pyrene	24.663	252	2502609	42.528	ng	100
91) Dibenzo(a,h)anthracene	28.627	278	2793524	43.938	ng	99
92) Benzo(g,h,i)perylene	29.703	276	2725051	43.101	ng	100

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

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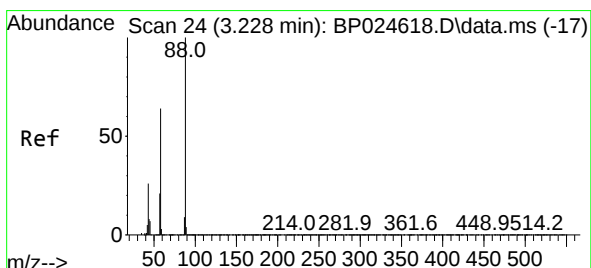
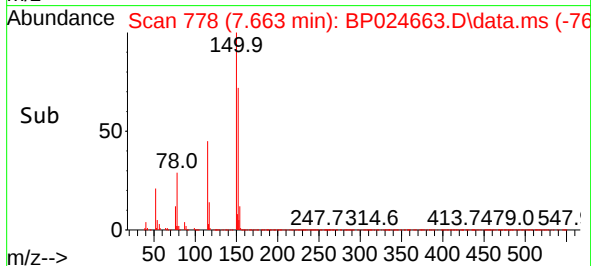
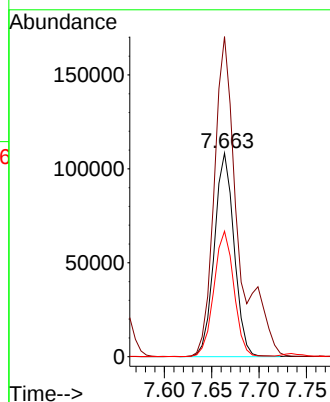
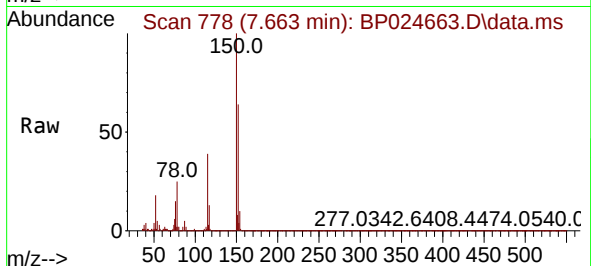




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

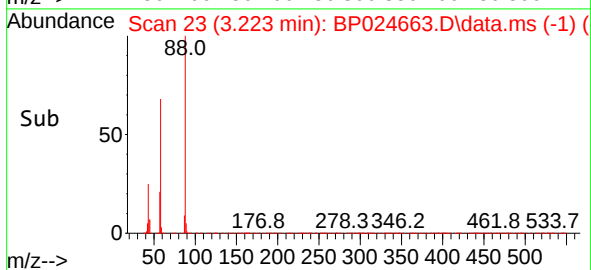
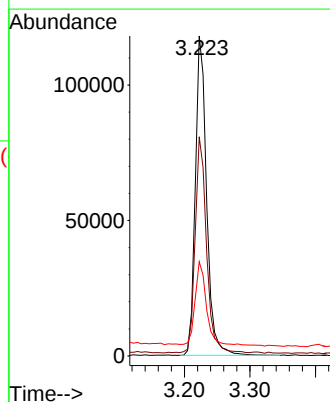
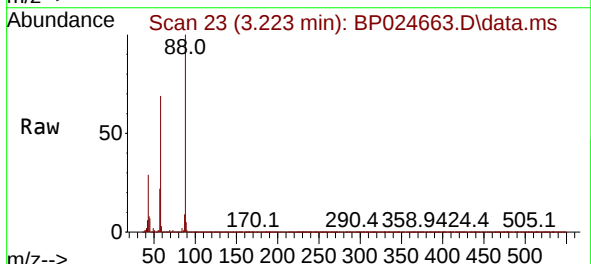
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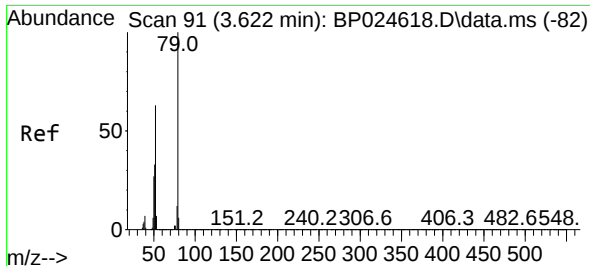
Tgt Ion:152 Resp: 157336
Ion Ratio Lower Upper
152 100
150 157.2 125.9 188.9
115 61.7 50.1 75.1



#2
1,4-Dioxane
Concen: 32.762 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 88 Resp: 141517
Ion Ratio Lower Upper
88 100
58 68.0 54.0 81.0
43 27.7 21.4 32.0

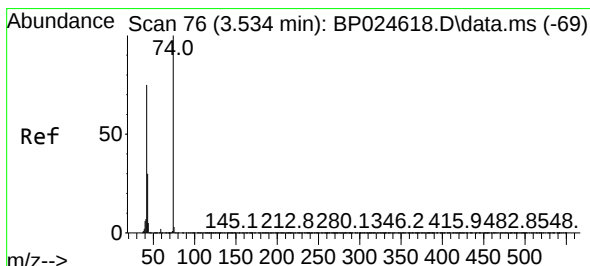
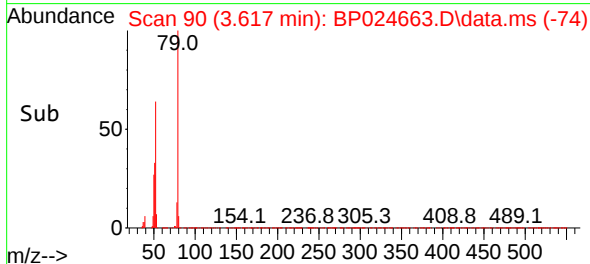
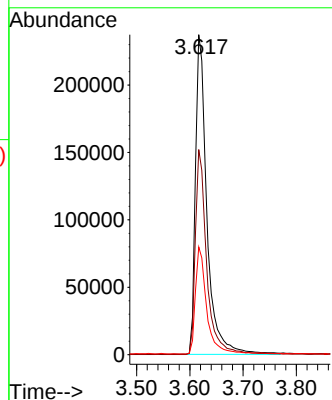
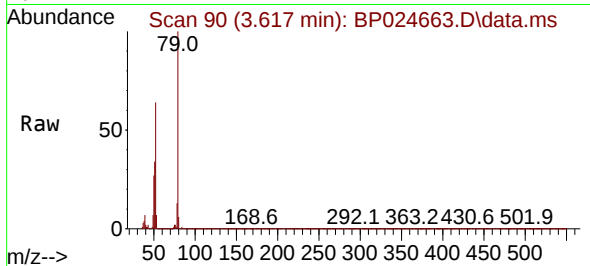




#3
Pyridine
Concen: 37.304 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

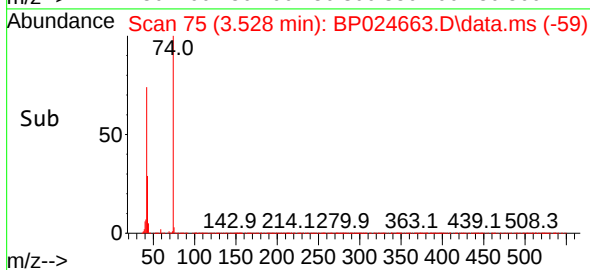
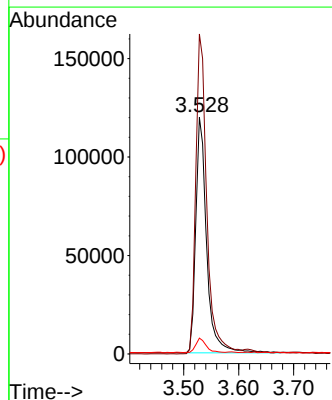
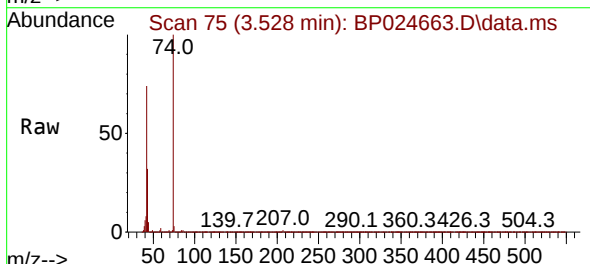
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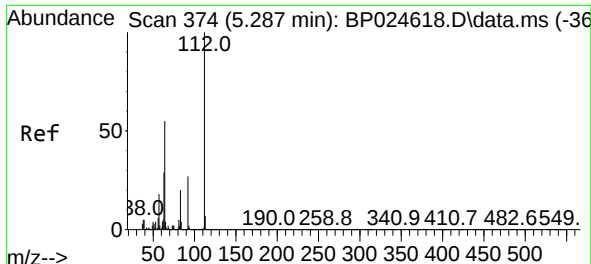
Tgt Ion: 79 Resp: 357299
Ion Ratio Lower Upper
79 100
52 64.1 50.2 75.2
51 33.6 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 38.744 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 42 Resp: 163826
Ion Ratio Lower Upper
42 100
74 135.2 106.2 159.2
44 6.7 5.4 8.2

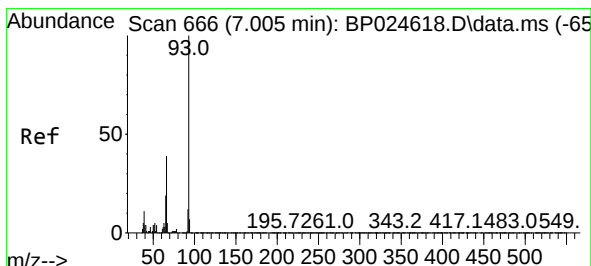
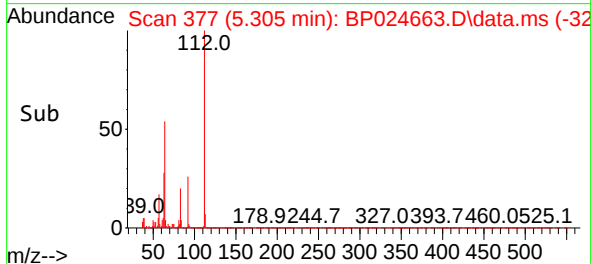
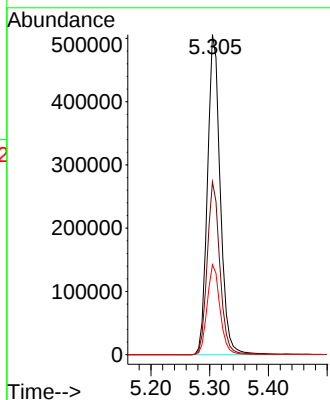
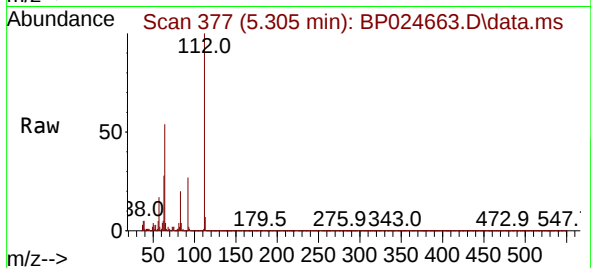




#5
2-Fluorophenol
Concen: 83.167 ng
RT: 5.305 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

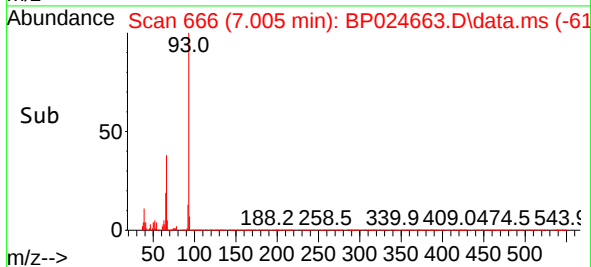
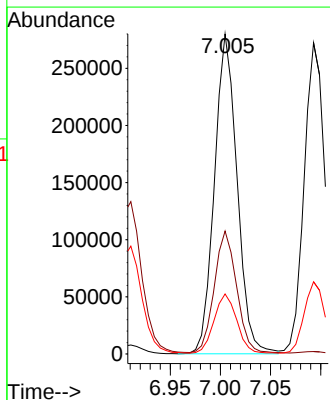
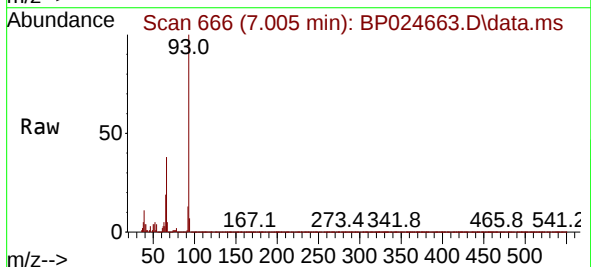
Instrument :
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Tgt Ion:112 Resp: 765050
Ion Ratio Lower Upper
112 100
64 54.0 44.1 66.1
63 28.1 23.5 35.3



#6
Aniline
Concen: 28.973 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 93 Resp: 439166
Ion Ratio Lower Upper
93 100
66 38.4 31.0 46.6
65 18.7 15.5 23.3

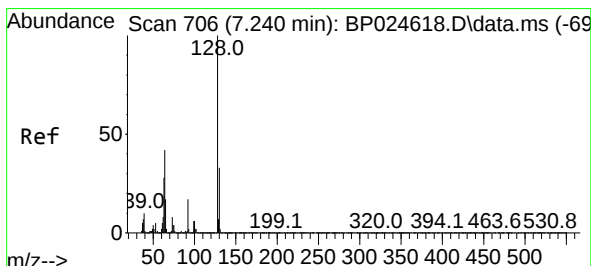
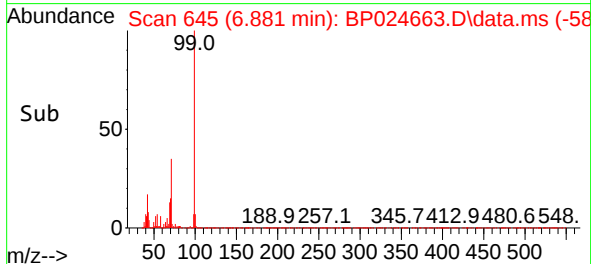
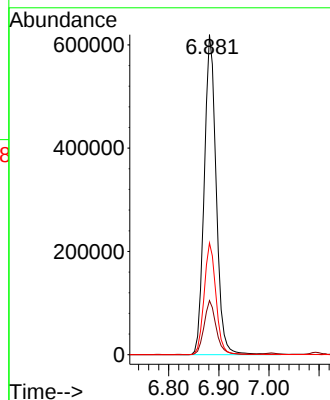
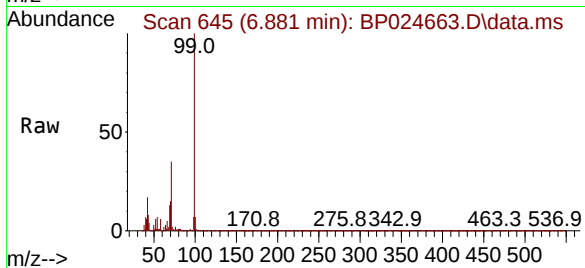




#7
Phenol-d6
Concen: 87.420 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.029 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

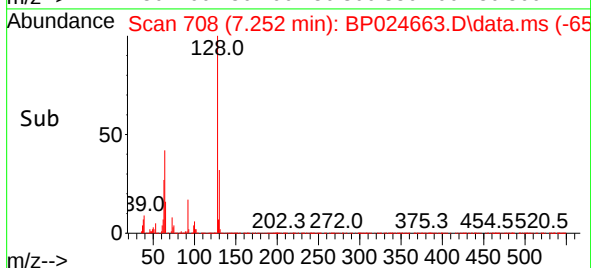
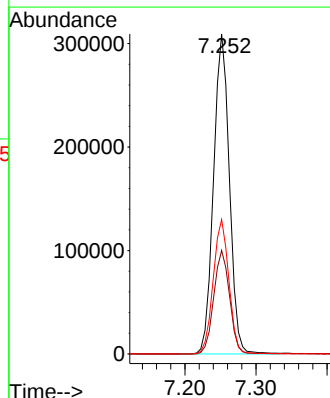
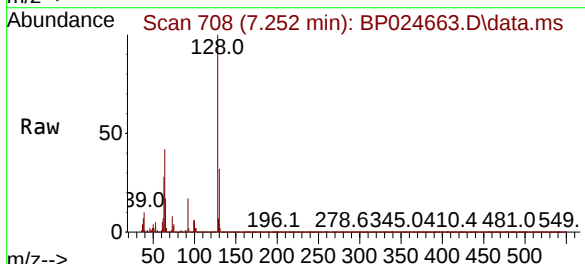
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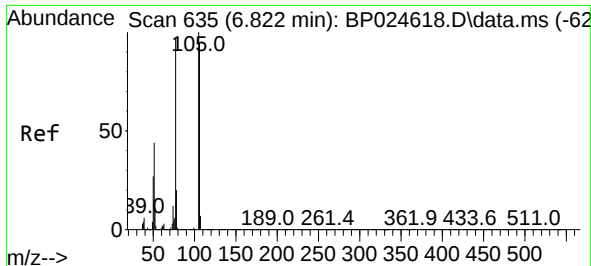
Tgt Ion: 99 Resp: 1026344
Ion Ratio Lower Upper
99 100
42 16.9 14.4 21.6
71 34.9 29.2 43.8



#8
2-Chlorophenol
Concen: 45.752 ng
RT: 7.252 min Scan# 708
Delta R.T. 0.012 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 128 Resp: 477782
Ion Ratio Lower Upper
128 100
130 32.3 13.0 53.0
64 42.0 22.3 62.3

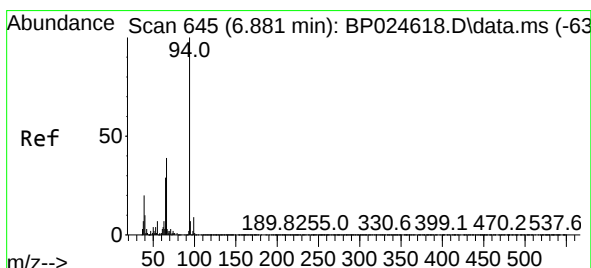
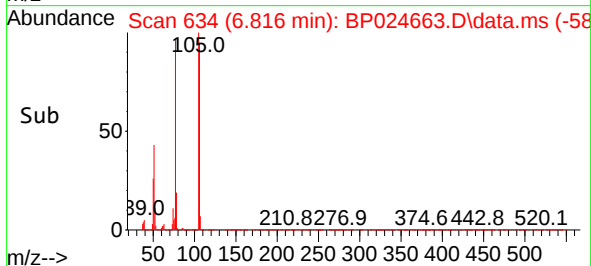
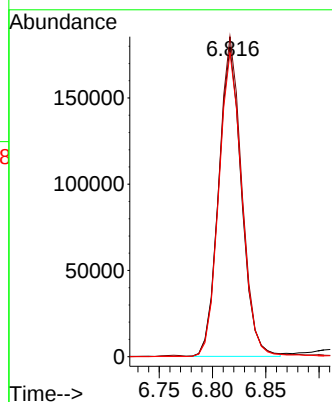
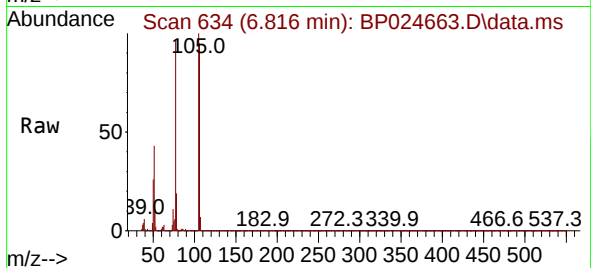




#9
Benzaldehyde
Concen: 35.148 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

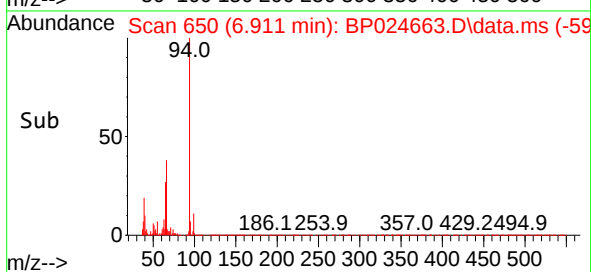
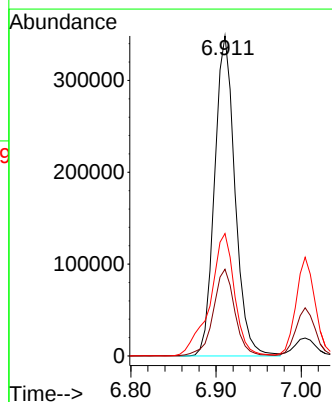
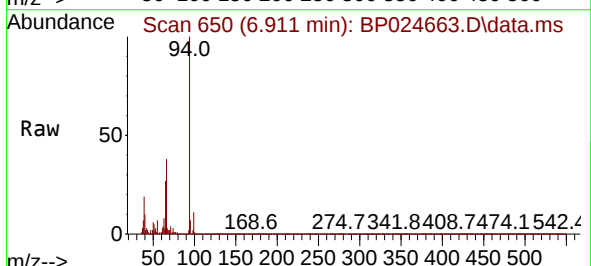
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OR-636-COMP-05MSD

Tgt Ion: 77 Resp: 267122
Ion Ratio Lower Upper
77 100
105 103.2 83.3 123.3
106 98.1 78.0 118.0



#10
Phenol
Concen: 47.834 ng
RT: 6.911 min Scan# 650
Delta R.T. 0.029 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 94 Resp: 579631
Ion Ratio Lower Upper
94 100
65 27.1 8.7 48.7
66 38.3 19.4 59.4

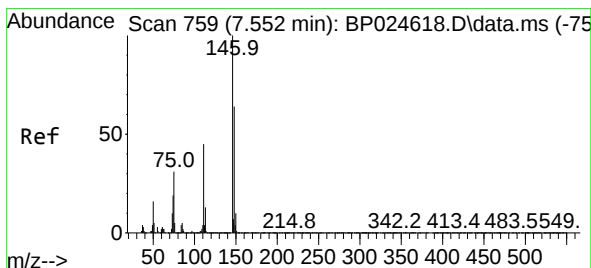
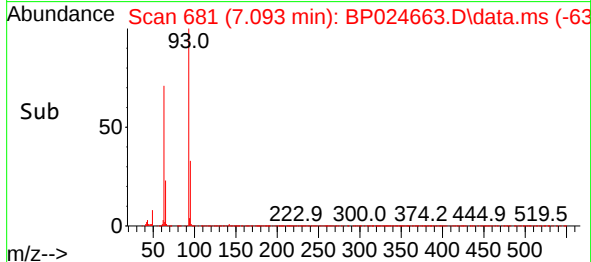
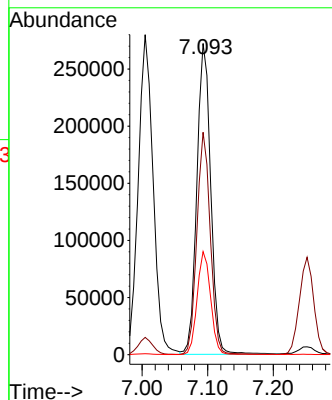
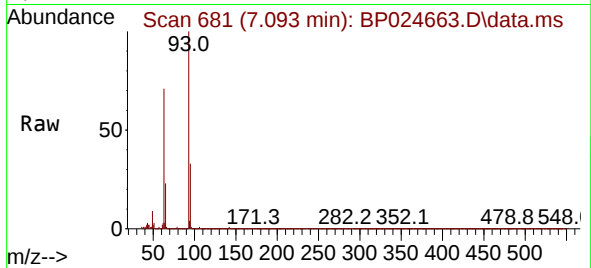




#11
bis(2-Chloroethyl)ether
Concen: 40.320 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

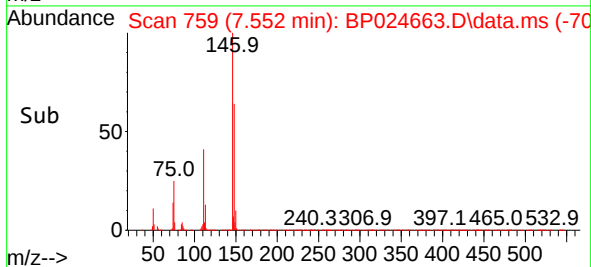
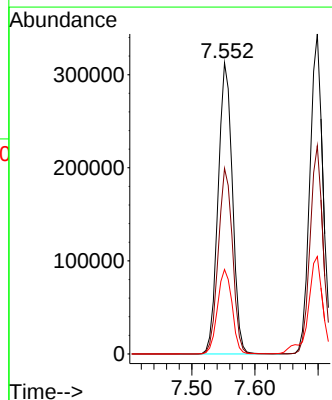
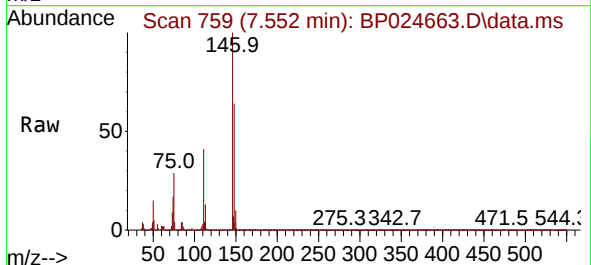
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

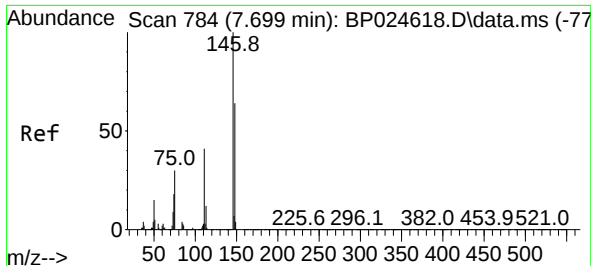
Tgt Ion: 93 Resp: 401466
Ion Ratio Lower Upper
93 100
63 71.5 50.6 90.6
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 40.969 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:146 Resp: 492218
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 29.0 25.2 37.8

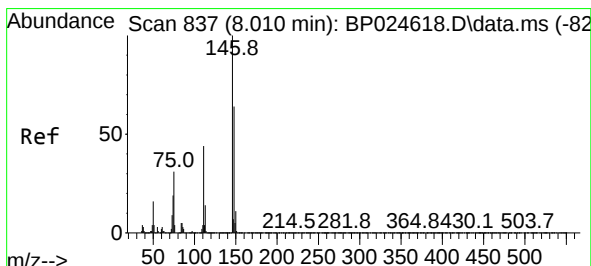
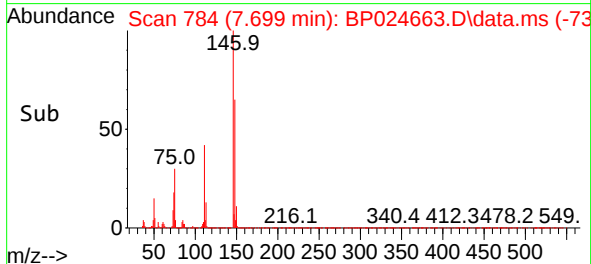
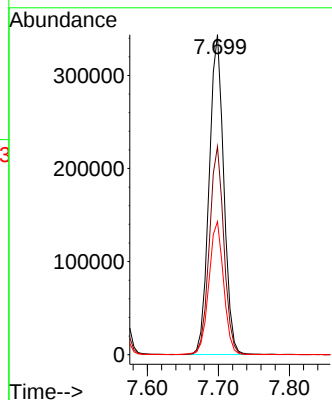
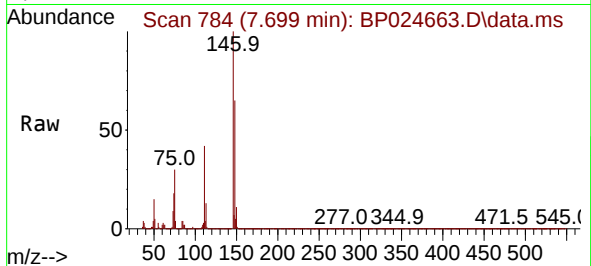




#13
1,4-Dichlorobenzene
Concen: 40.816 ng
RT: 7.699 min Scan# 784
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

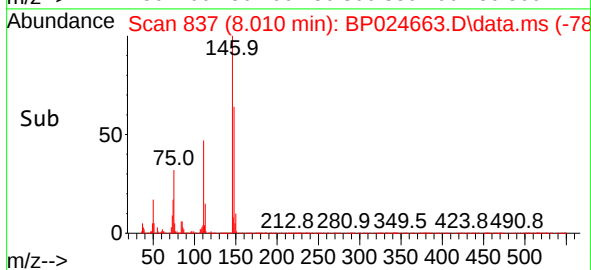
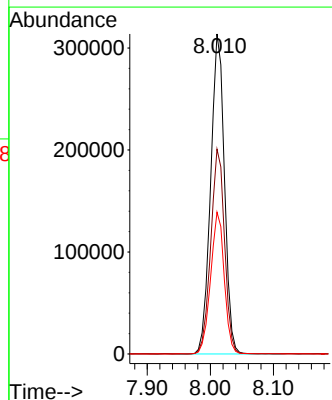
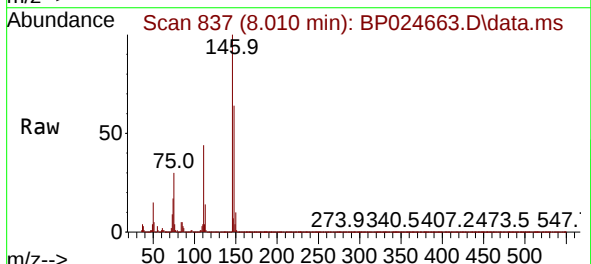
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

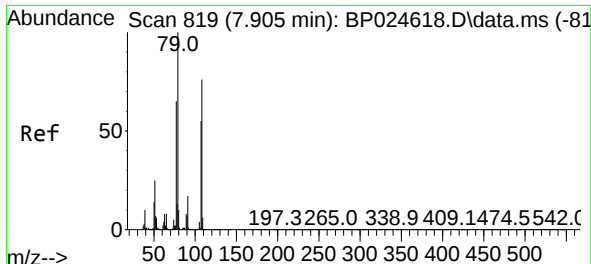
Tgt Ion:146 Resp: 493211
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.6
111 41.6 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 40.344 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:146 Resp: 475033
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
111 44.3 35.2 52.8

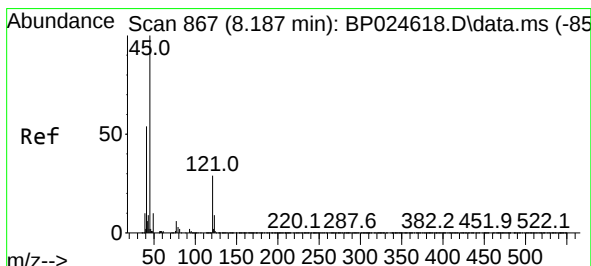
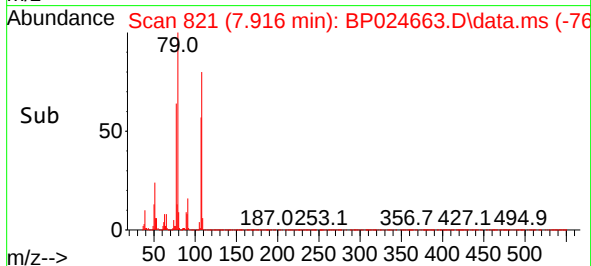
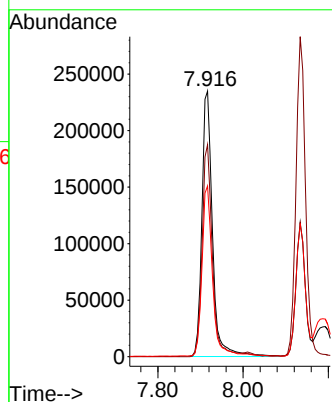
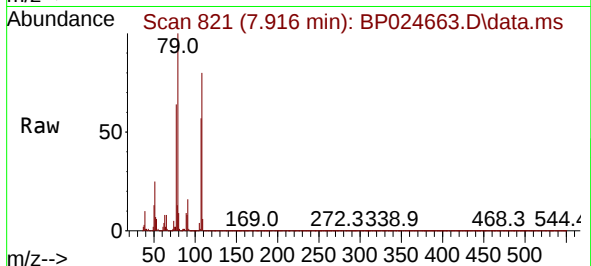




#15
Benzyl Alcohol
Concen: 45.511 ng
RT: 7.916 min Scan# 819
Delta R.T. 0.012 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

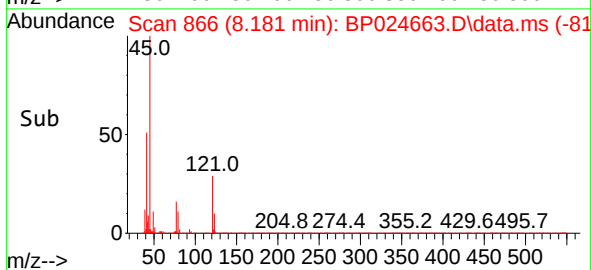
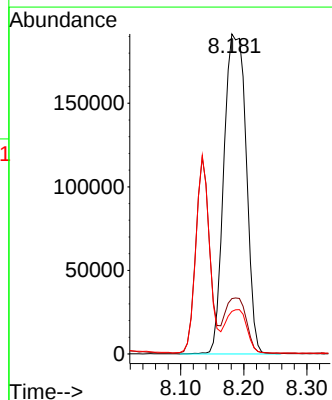
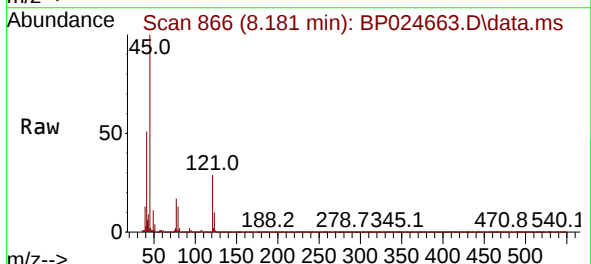
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

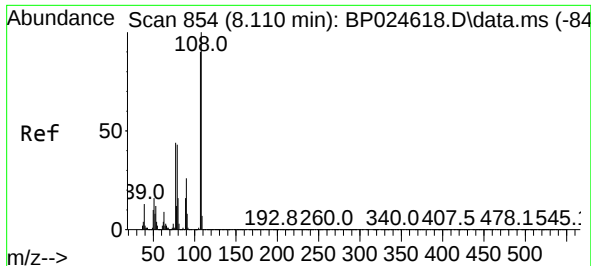
Tgt Ion: 79 Resp: 406034
Ion Ratio Lower Upper
79 100
108 79.8 60.8 91.2
77 64.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.220 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

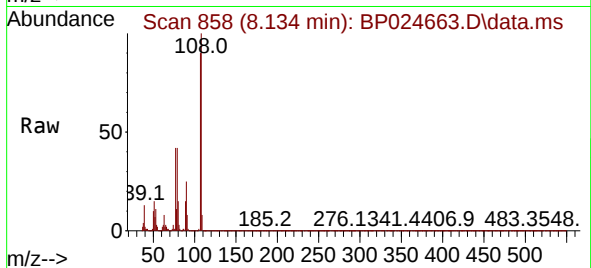
Tgt Ion: 45 Resp: 467675
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.7
79 13.3 0.0 34.0



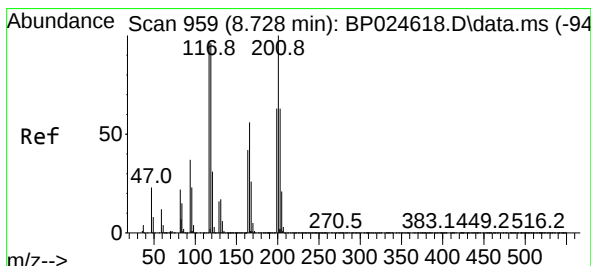
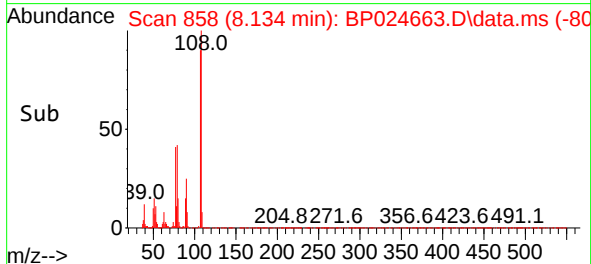
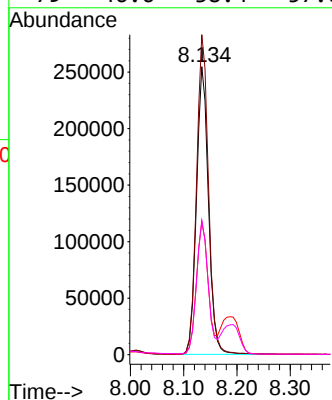


#17
2-Methylphenol
Concen: 45.629 ng
RT: 8.134 min Scan# 81
Delta R.T. 0.024 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

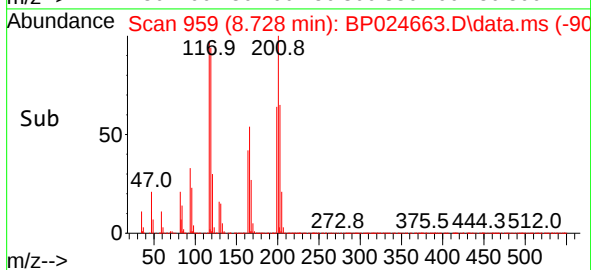
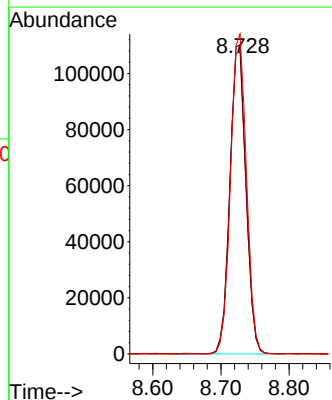
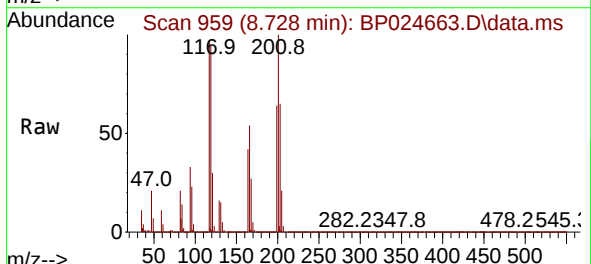


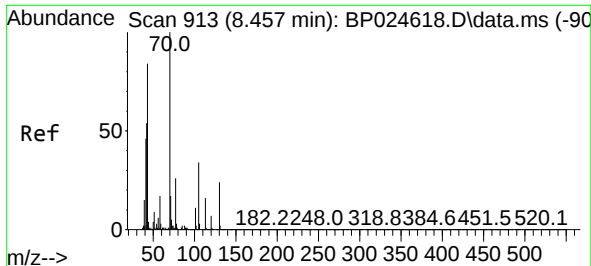
Tgt Ion:	107	Resp:	396567
Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	46.2	39.0	58.6
79	46.6	38.4	57.6



#18
Hexachloroethane
Concen: 39.154 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:	117	Resp:	181304
Ion	Ratio	Lower	Upper
117	100		
119	97.8	79.4	119.0
201	103.5	82.7	124.1

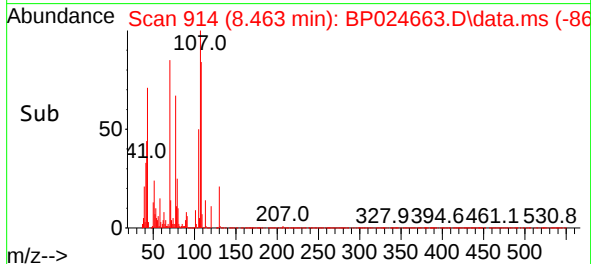
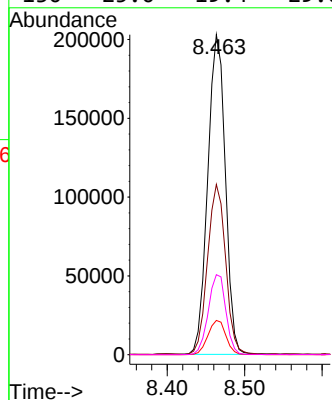
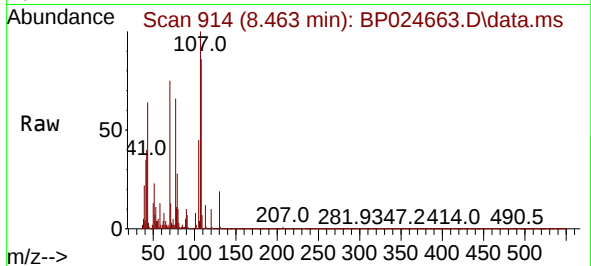




#19
n-Nitroso-di-n-propylamine
Concen: 39.475 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

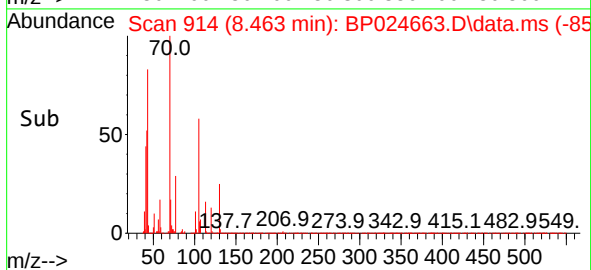
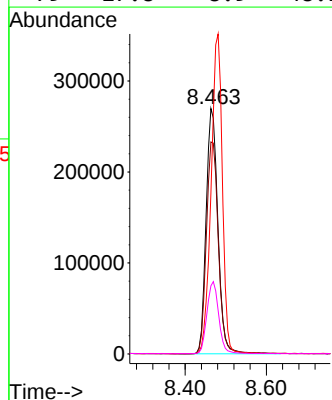
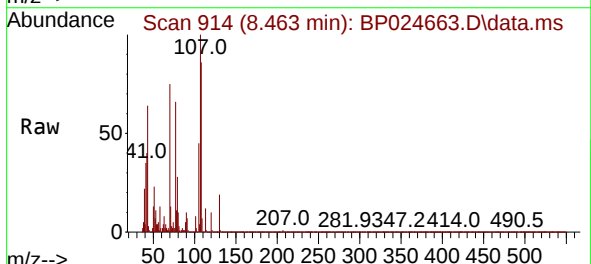
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

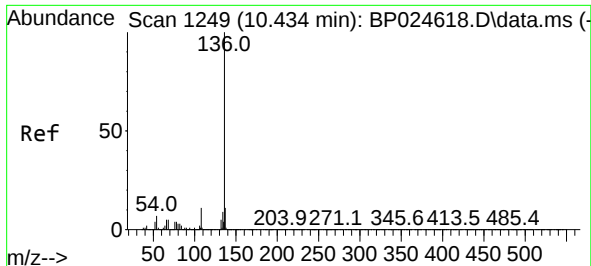
Tgt Ion: 70 Resp: 320585
Ion Ratio Lower Upper
70 100
42 53.2 43.0 64.6
101 10.7 8.7 13.1
130 25.0 19.4 29.0



#20
3+4-Methylphenols
Concen: 45.864 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.029 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 107 Resp: 542219
Ion Ratio Lower Upper
107 100
108 86.4 66.7 106.7
77 65.6 13.1 53.1#
79 27.8 8.9 48.9

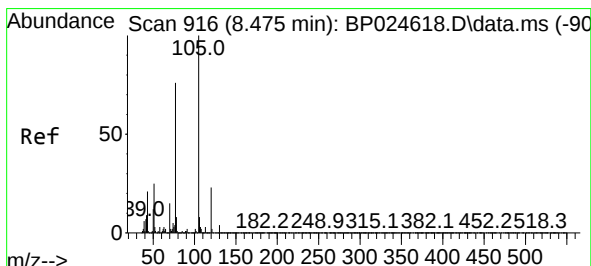
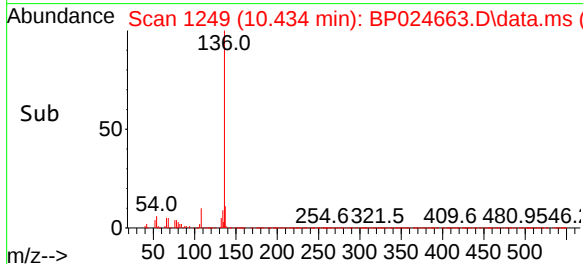
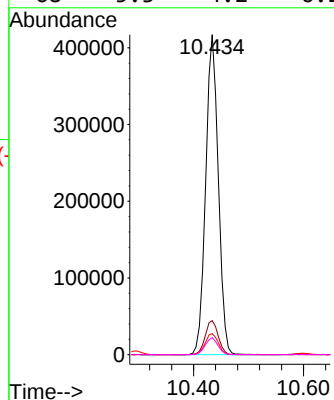
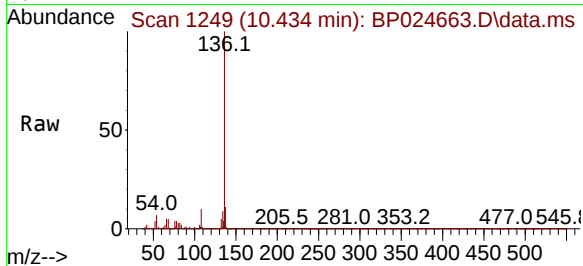




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

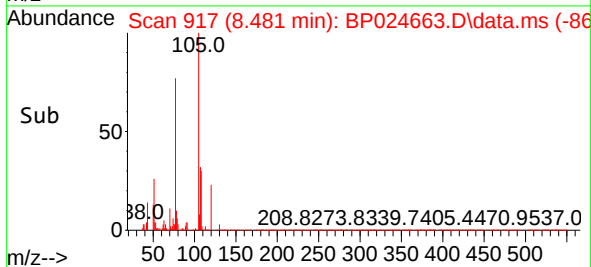
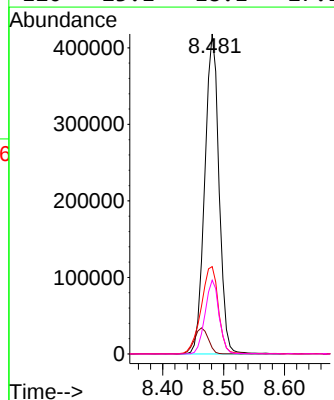
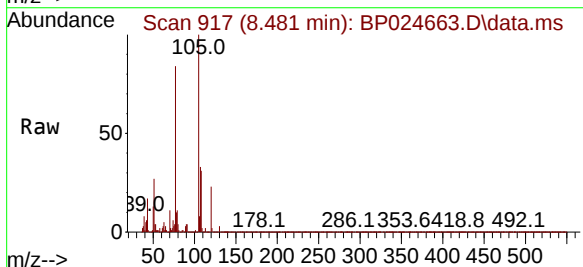
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

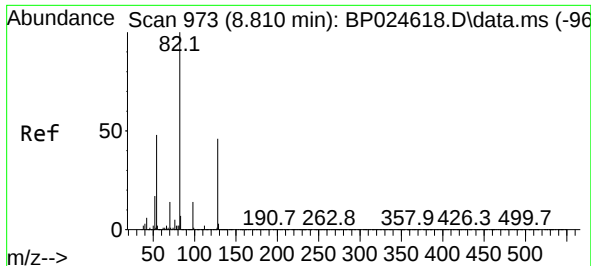
Tgt Ion:	136	Resp:	662902
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.6	5.5	8.3
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 41.186 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:	105	Resp:	681988
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0
51	27.3	20.4	30.6
120	23.1	18.1	27.1

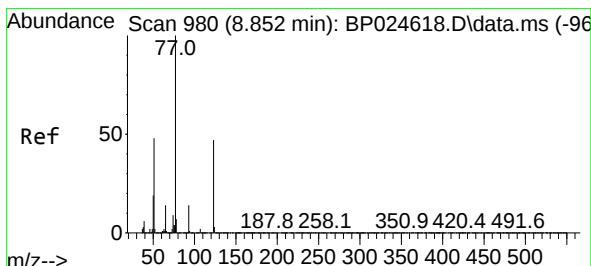
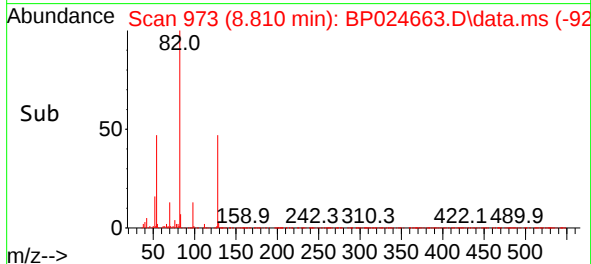
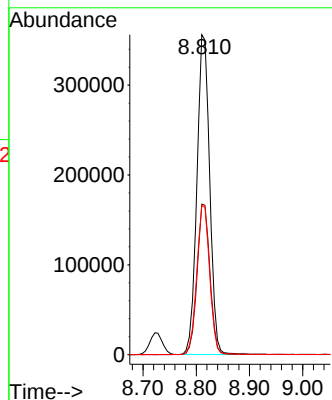
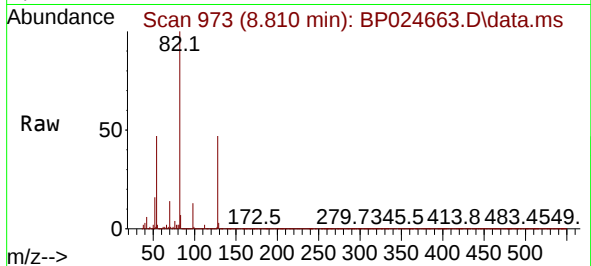




#23
Nitrobenzene-d5
Concen: 45.367 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

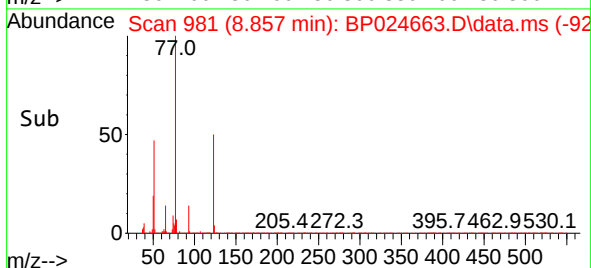
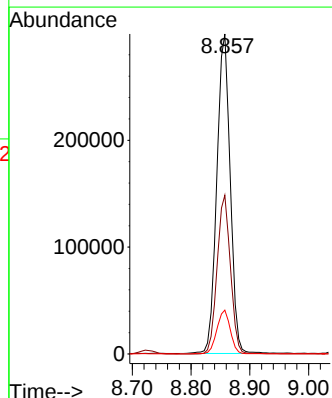
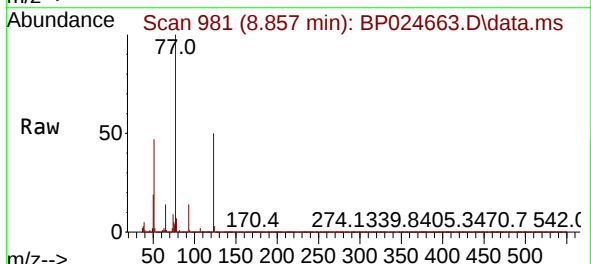
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

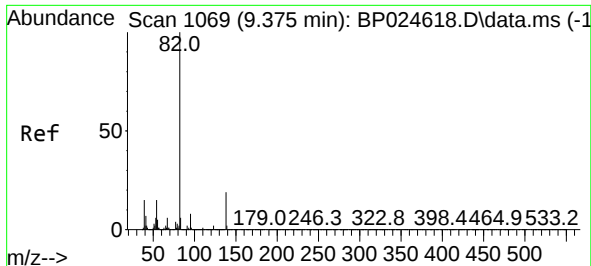
Tgt Ion: 82 Resp: 595214
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 46.7 38.7 58.1



#24
Nitrobenzene
Concen: 41.083 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 77 Resp: 474338
Ion Ratio Lower Upper
77 100
123 49.6 37.4 56.0
65 13.7 11.3 16.9

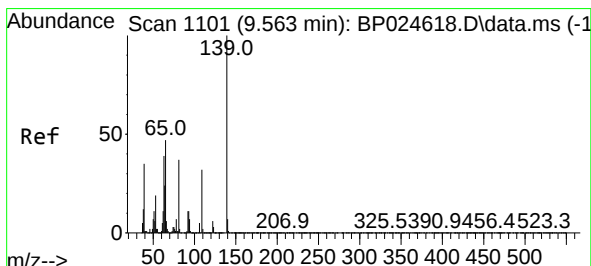
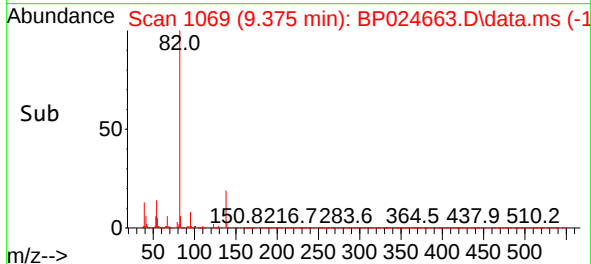
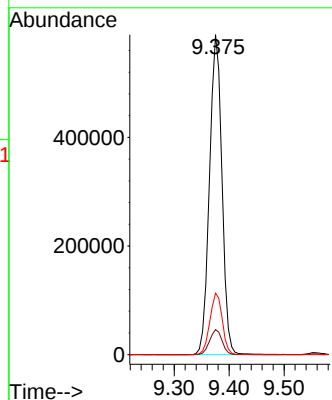
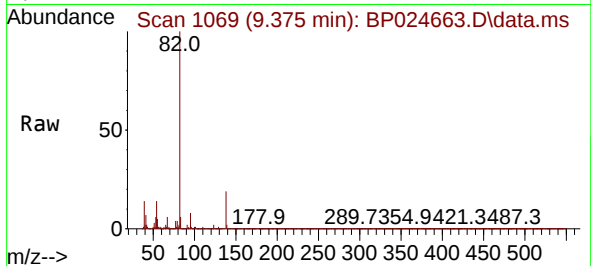




#25
Isophorone
Concen: 40.684 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

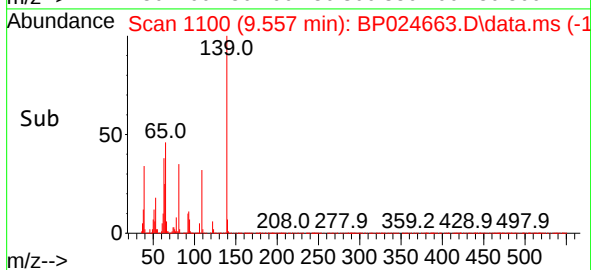
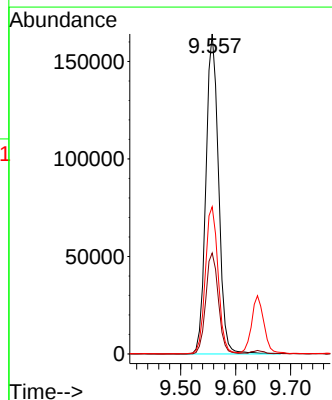
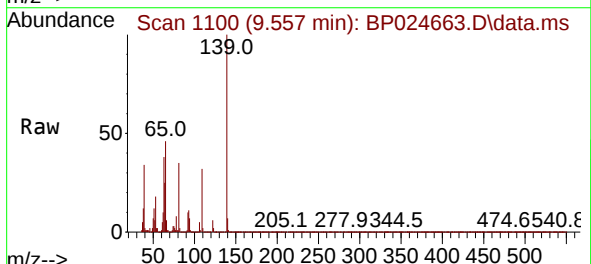
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

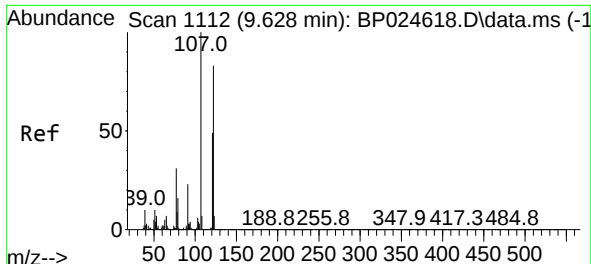
Tgt Ion: 82 Resp: 925887
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.3 15.3 22.9



#26
2-Nitrophenol
Concen: 46.353 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:139 Resp: 262243
Ion Ratio Lower Upper
139 100
109 31.6 25.9 38.9
65 46.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 46.395 ng

RT: 9.640 min Scan# 1112

Delta R.T. 0.012 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

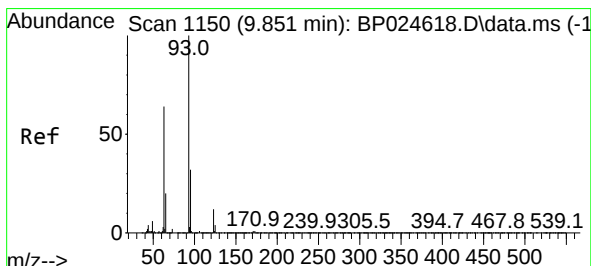
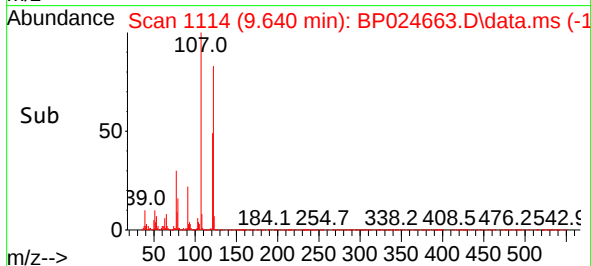
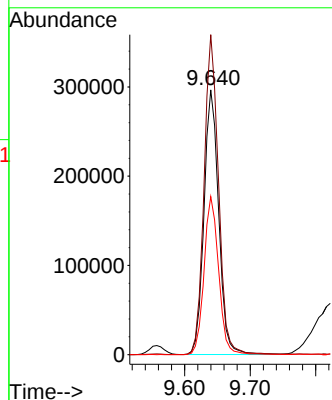
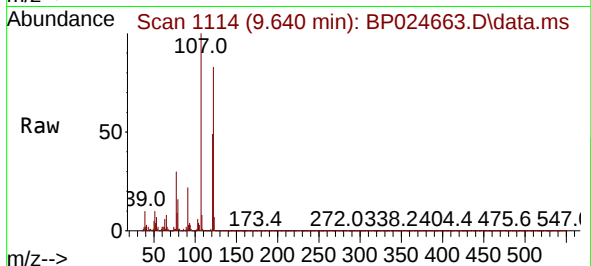
Tgt Ion:122 Resp: 462779

Ion Ratio Lower Upper

122 100

107 120.8 96.2 144.2

121 59.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.544 ng

RT: 9.852 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

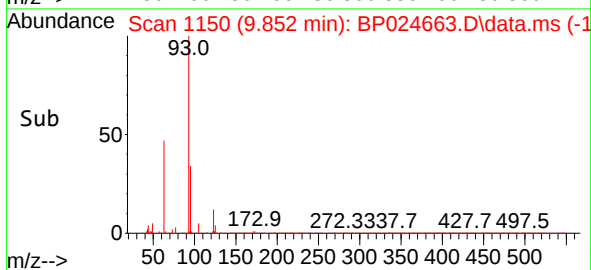
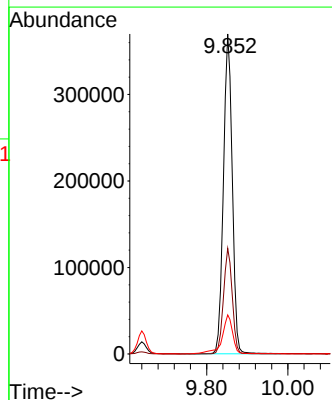
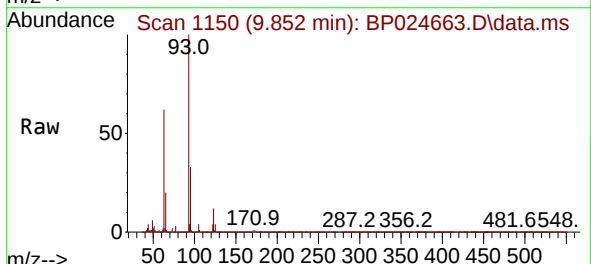
Tgt Ion: 93 Resp: 564859

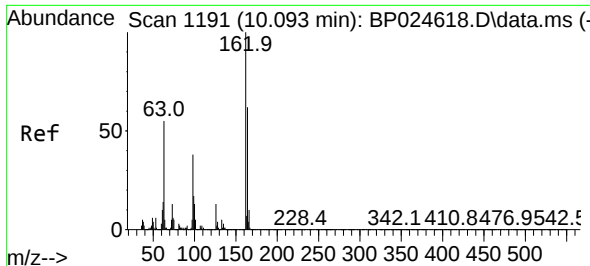
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 12.2 9.7 14.5

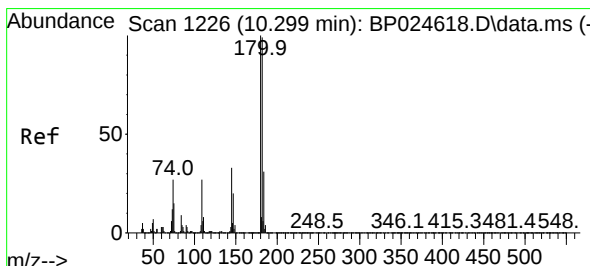
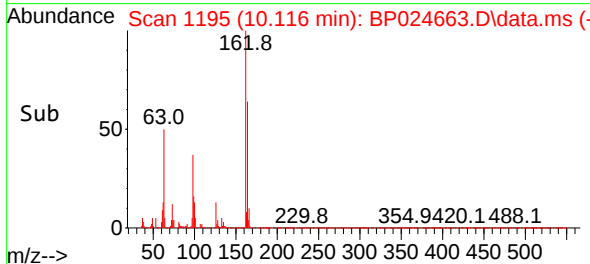
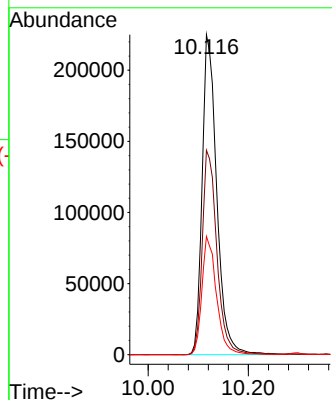
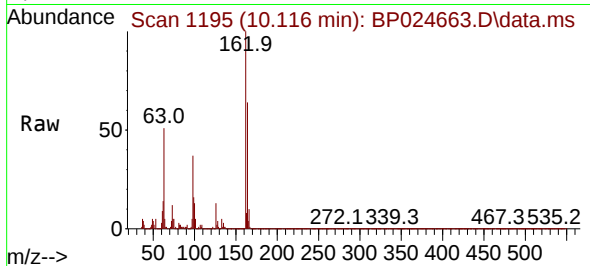




#29
2,4-Dichlorophenol
Concen: 47.150 ng
RT: 10.116 min Scan# 1191
Delta R.T. 0.024 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

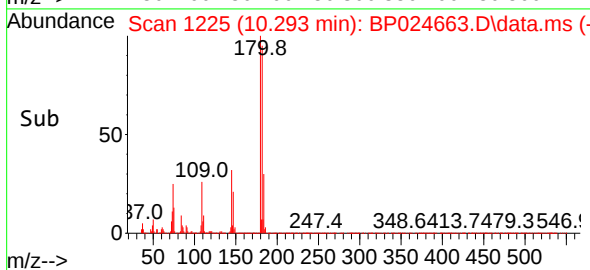
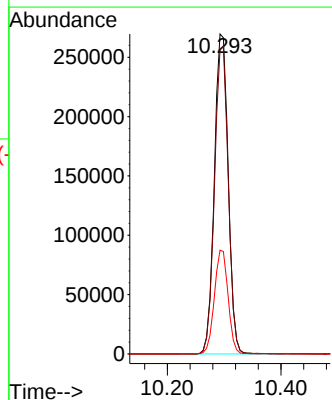
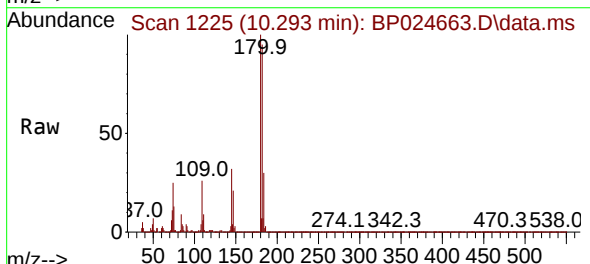
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

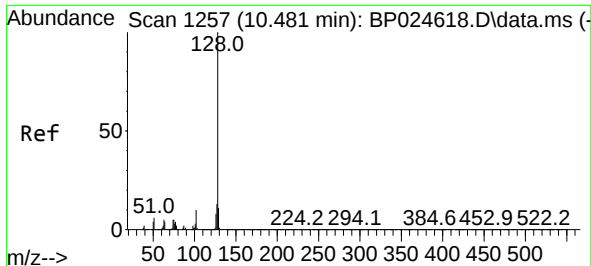
Tgt Ion:162 Resp: 455765
Ion Ratio Lower Upper
162 100
164 63.9 42.3 82.3
98 36.9 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 41.811 ng
RT: 10.293 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:180 Resp: 455435
Ion Ratio Lower Upper
180 100
182 95.1 79.0 118.4
145 32.5 26.6 39.8

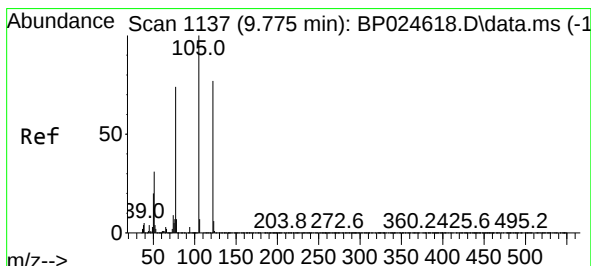
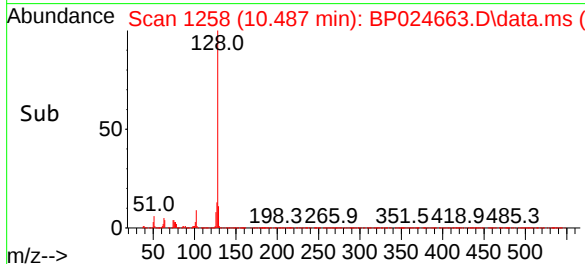
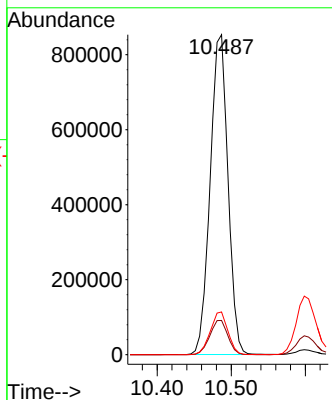
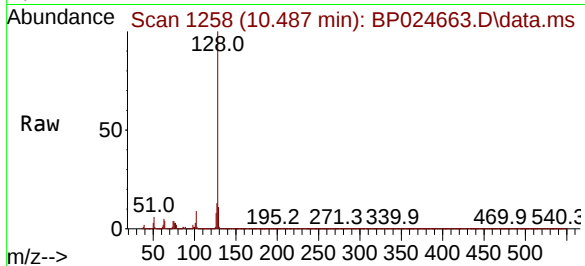




#31
Naphthalene
Concen: 41.373 ng
RT: 10.487 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

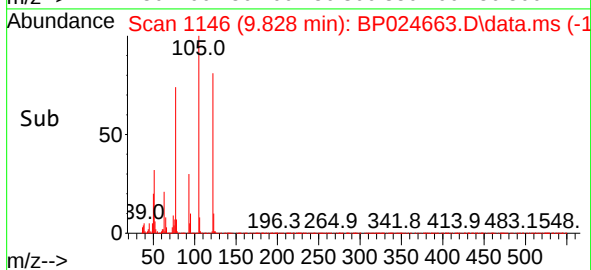
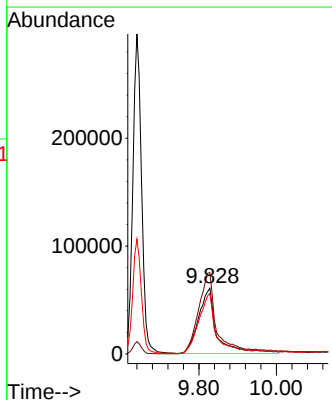
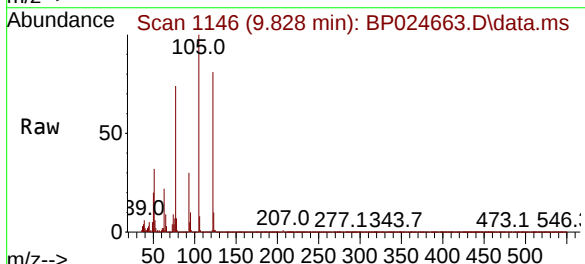
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

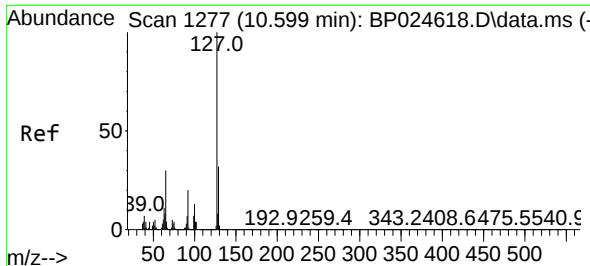
Tgt Ion:128 Resp: 1421244
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 31.568 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:122 Resp: 198189
Ion Ratio Lower Upper
122 100
105 123.7 106.9 146.9
77 92.1 75.1 115.1

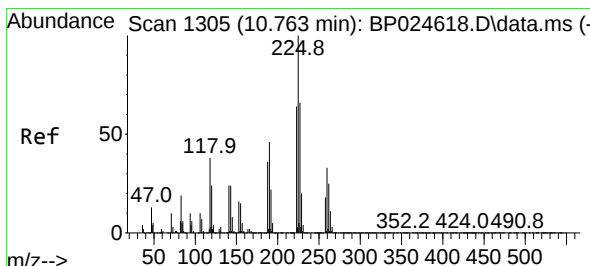
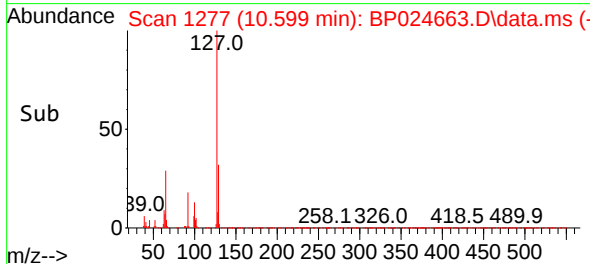
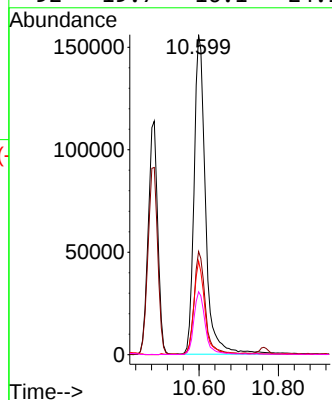
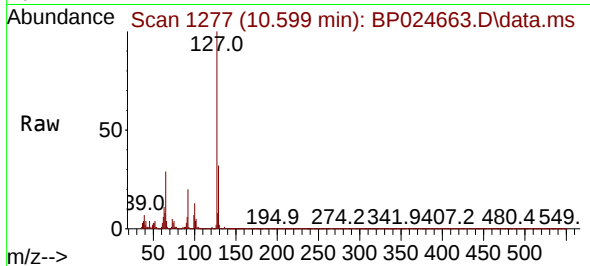




#33
4-Chloroaniline
Concen: 22.604 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

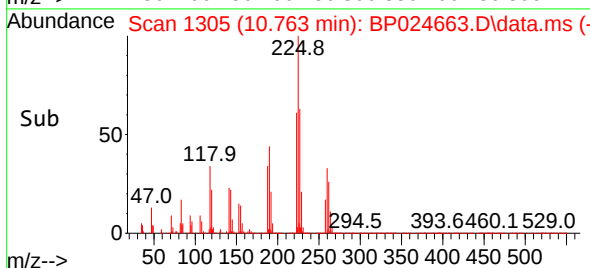
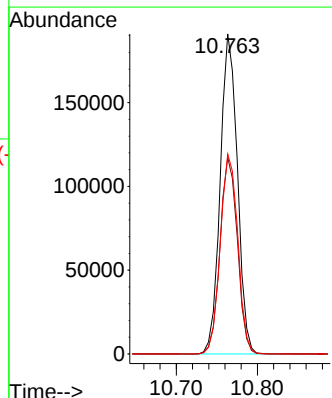
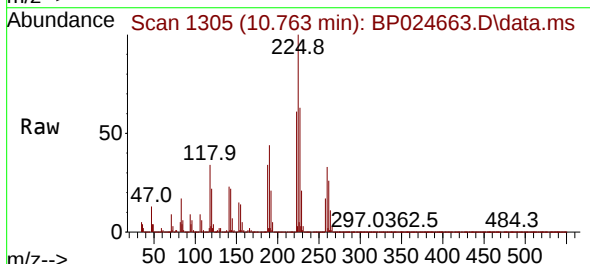
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

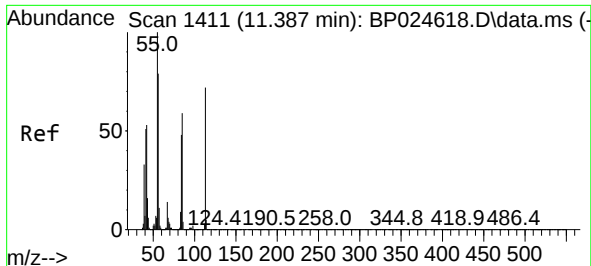
Tgt Ion:	127	Resp:	313334
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	29.3	23.9	35.9
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.780 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:	225	Resp:	280704
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	62.5	53.1	79.7

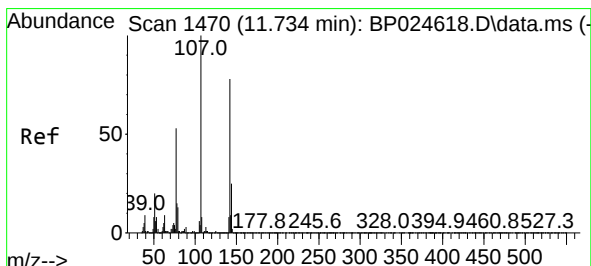
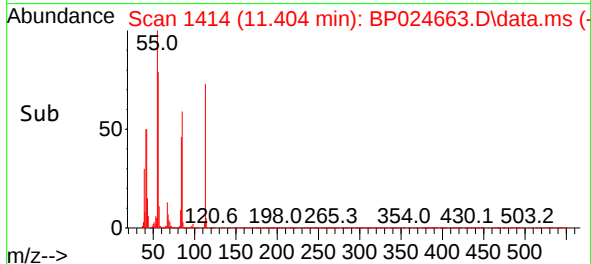
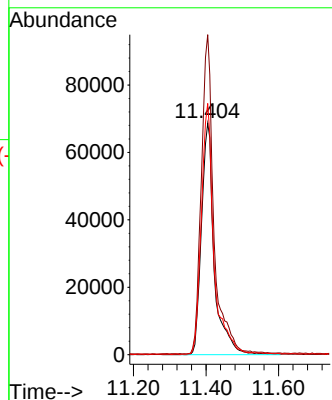
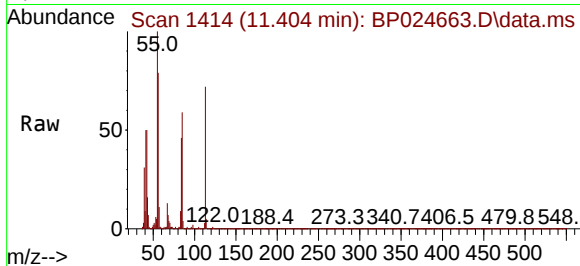




#35
Caprolactam
Concen: 47.980 ng
RT: 11.404 min Scan# 1411
Delta R.T. 0.018 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

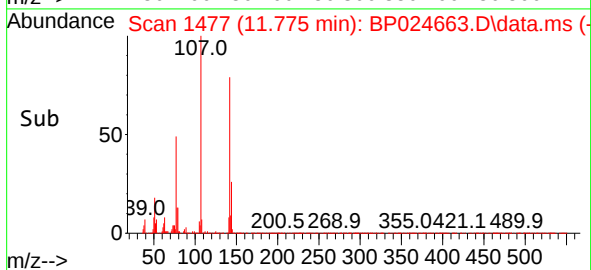
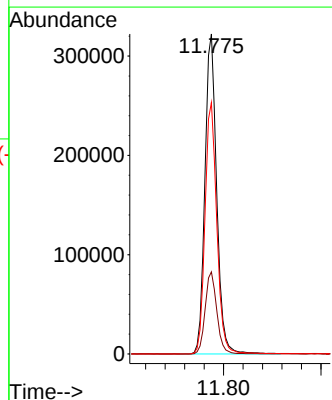
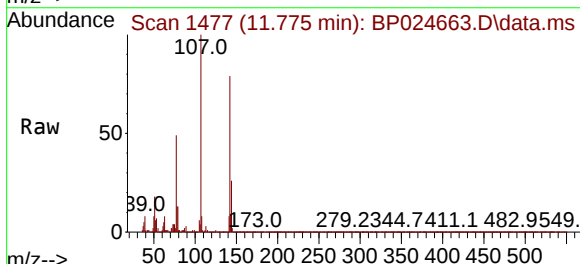
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

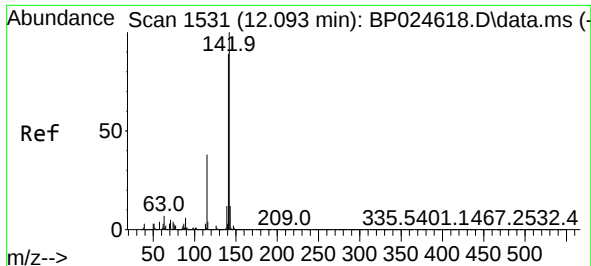
Tgt Ion:113 Resp: 167799
Ion Ratio Lower Upper
113 100
55 138.2 119.0 159.0
56 108.5 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 45.602 ng
RT: 11.775 min Scan# 1477
Delta R.T. 0.041 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:107 Resp: 537551
Ion Ratio Lower Upper
107 100
144 25.6 20.1 30.1
142 78.6 62.1 93.1

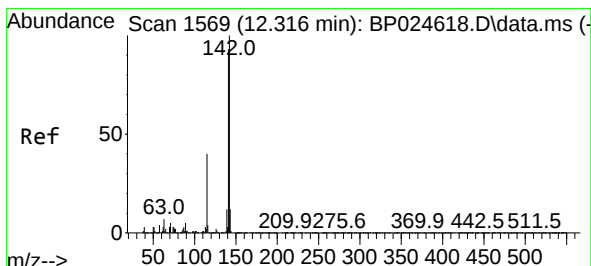
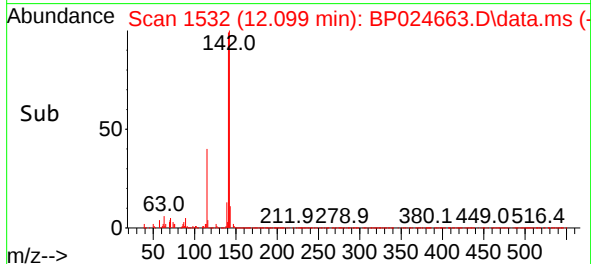
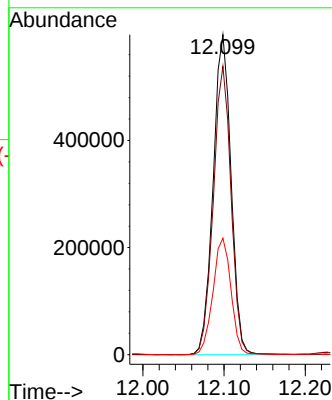
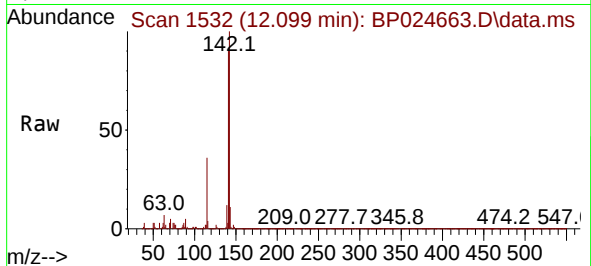




#37
2-Methylnaphthalene
Concen: 41.143 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

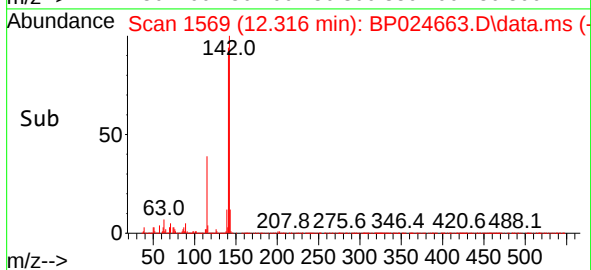
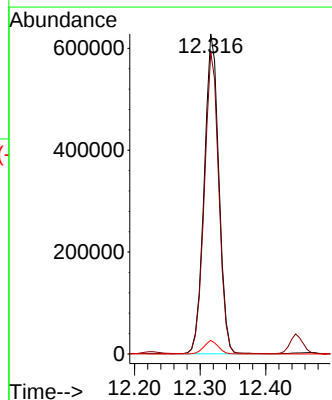
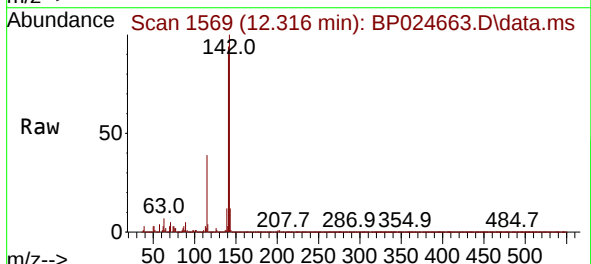
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

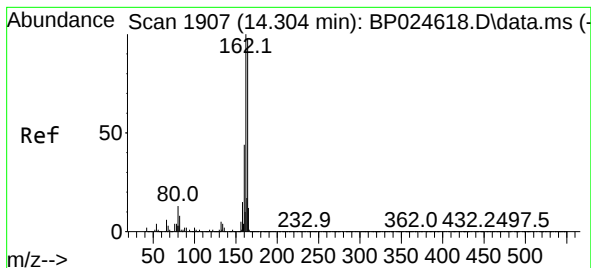
Tgt Ion:142 Resp: 915168
Ion Ratio Lower Upper
142 100
141 90.1 71.2 106.8
115 36.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.096 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:142 Resp: 978075
Ion Ratio Lower Upper
142 100
141 94.3 74.7 112.1
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.298 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

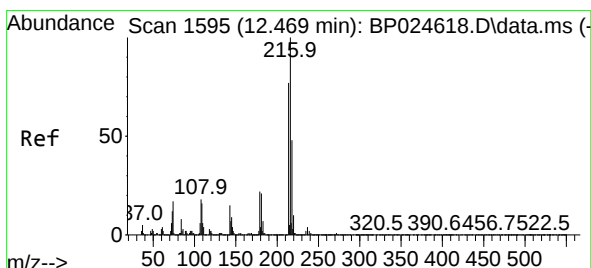
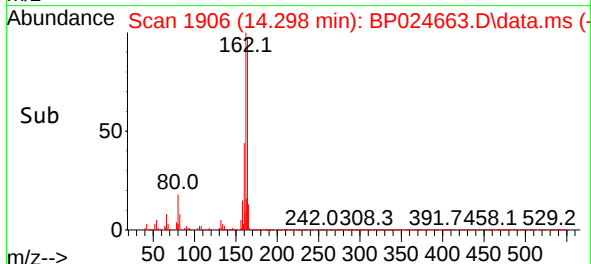
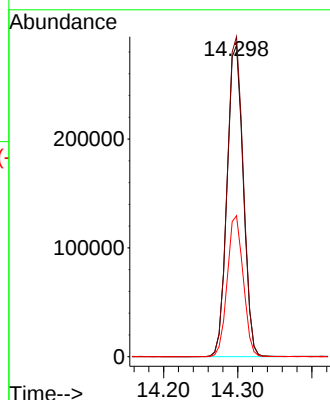
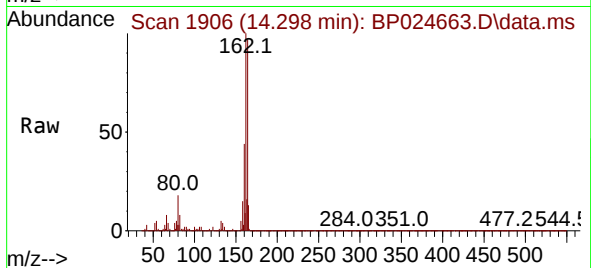
Tgt Ion:164 Resp: 433623

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 45.3 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.239 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Tgt Ion:216 Resp: 519275

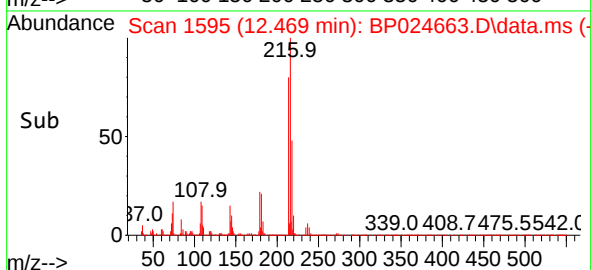
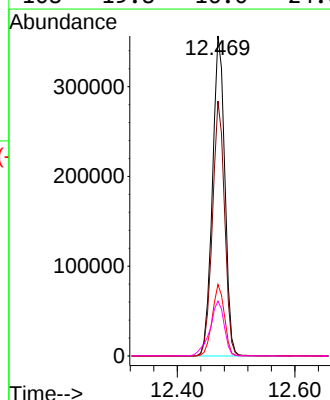
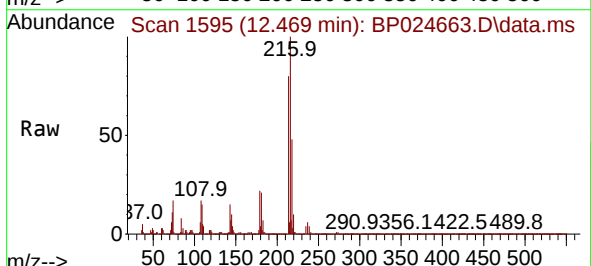
Ion Ratio Lower Upper

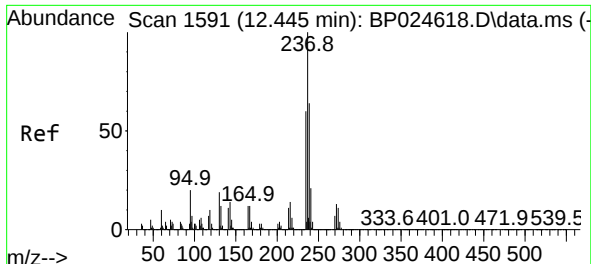
216 100

214 78.6 62.3 93.5

179 22.0 17.7 26.5

108 19.8 16.0 24.0

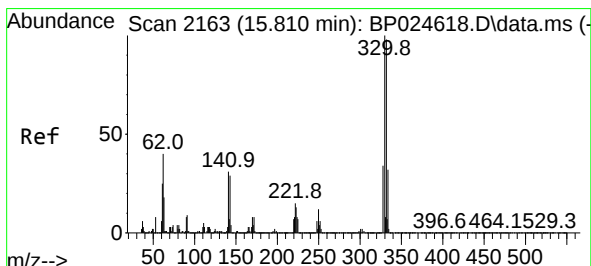
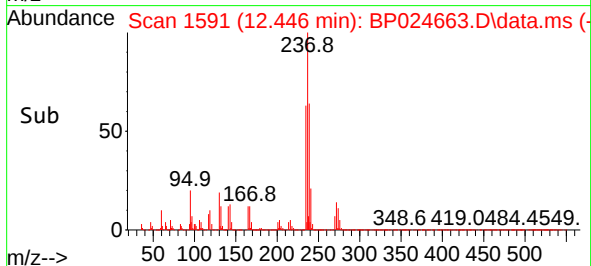
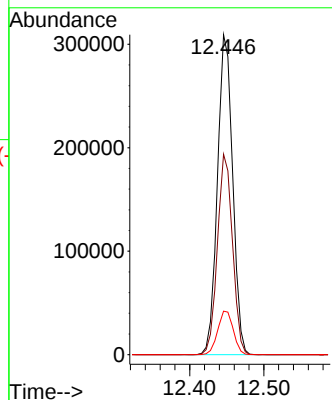
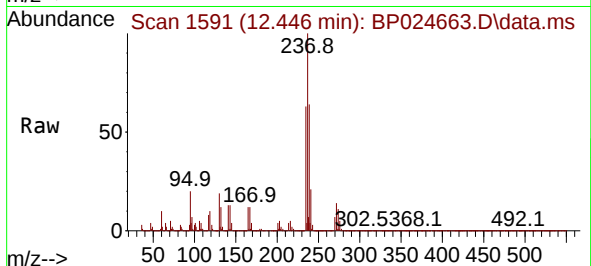




#41
Hexachlorocyclopentadiene
Concen: 57.622 ng
RT: 12.446 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

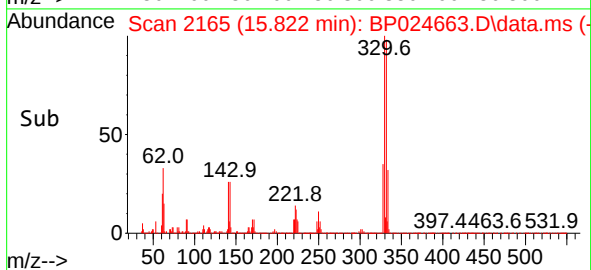
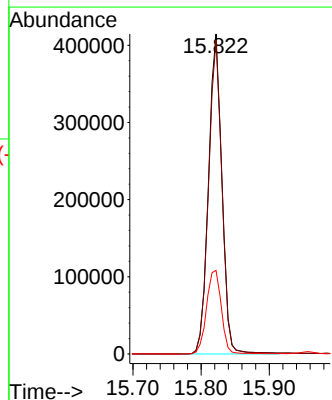
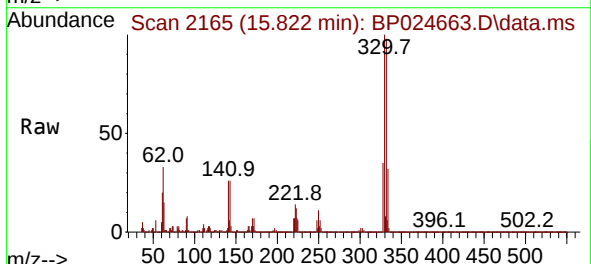
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

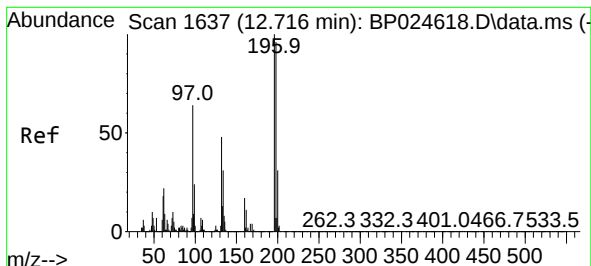
Tgt Ion: 237 Resp: 439958
Ion Ratio Lower Upper
237 100
235 62.7 39.9 79.9
272 13.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 77.735 ng
RT: 15.822 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 330 Resp: 571443
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.4
141 28.7 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 46.125 ng

RT: 12.728 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

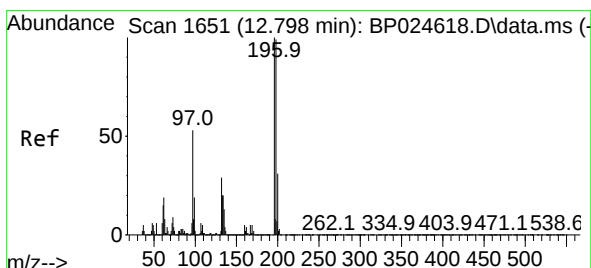
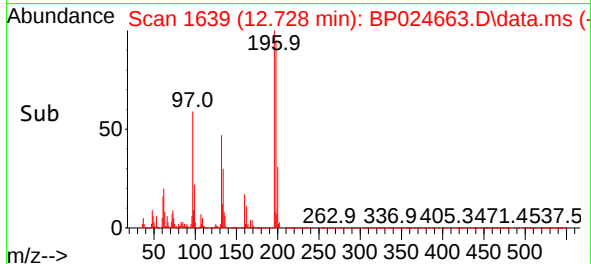
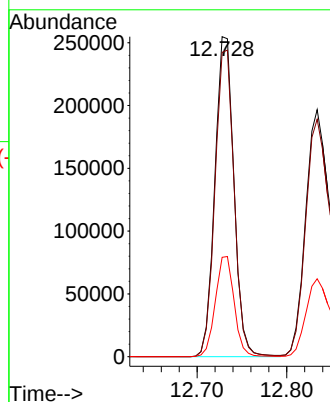
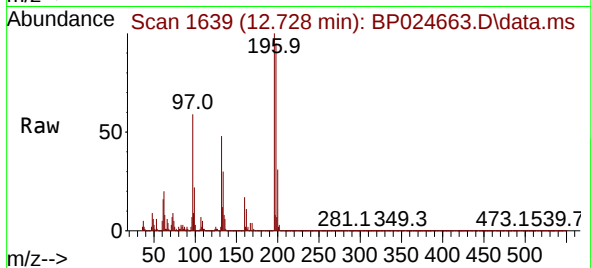
Tgt Ion:196 Resp: 376189

Ion Ratio Lower Upper

196 100

198 95.1 76.9 115.3

200 31.1 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 45.193 ng

RT: 12.834 min Scan# 1657

Delta R.T. 0.035 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Tgt Ion:196 Resp: 410284

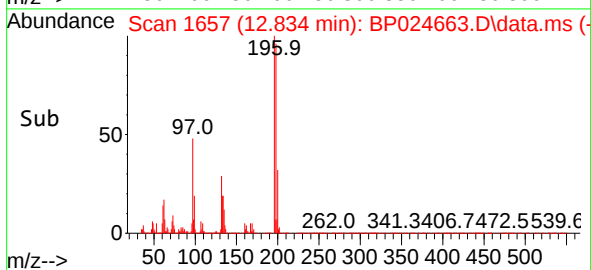
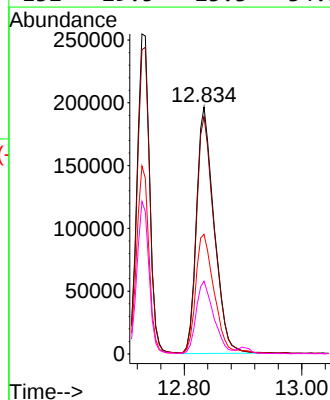
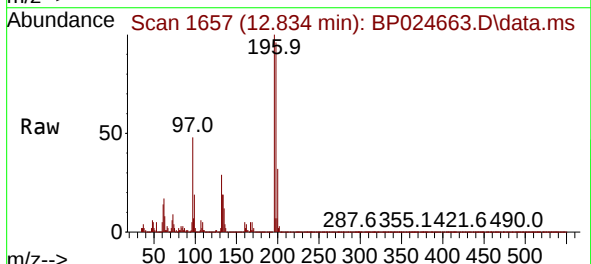
Ion Ratio Lower Upper

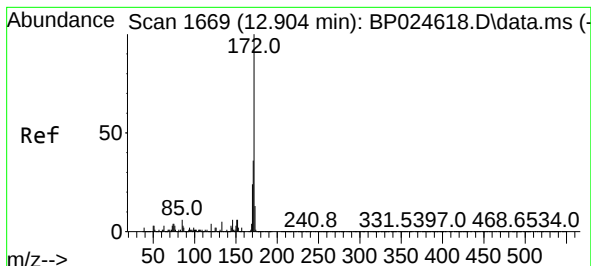
196 100

198 96.1 79.2 118.8

97 48.4 42.3 63.5

132 29.5 23.3 34.9

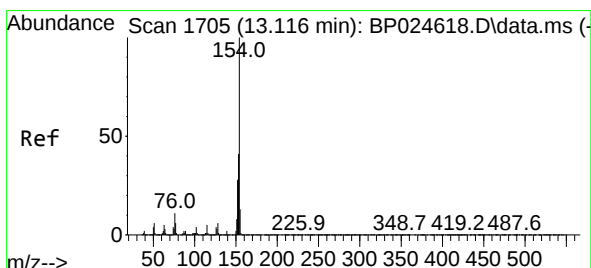
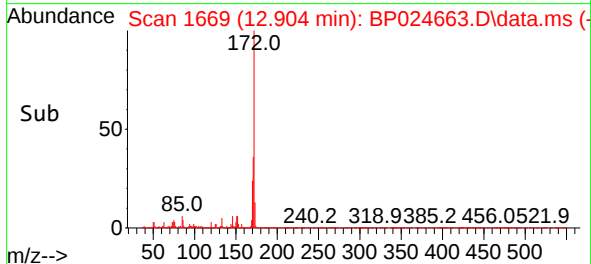
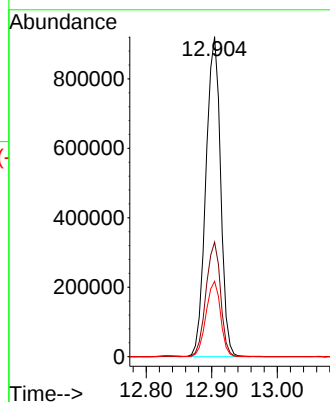
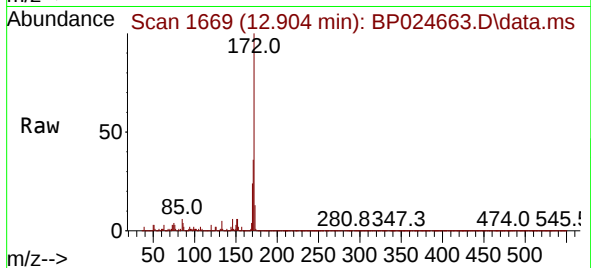




#45
2-Fluorobiphenyl
Concen: 43.412 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

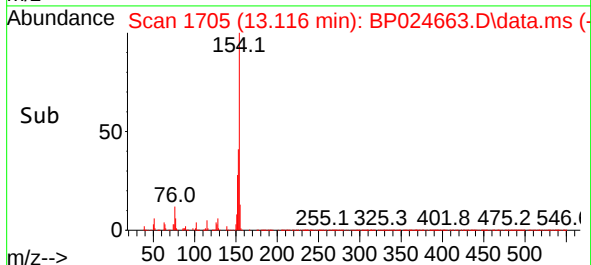
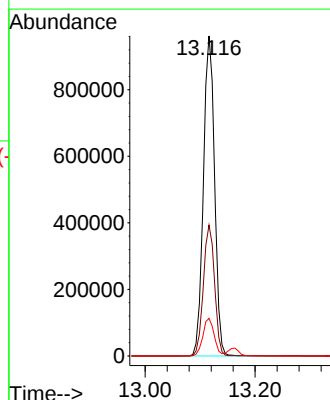
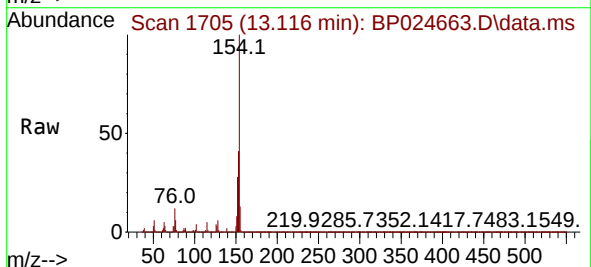
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

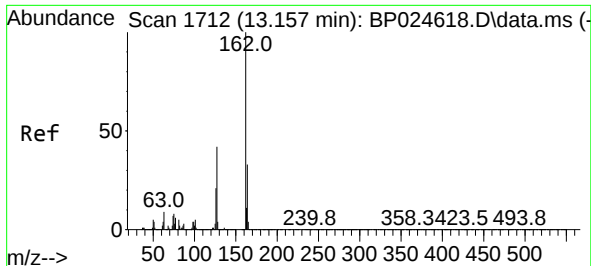
Tgt Ion:172 Resp: 1436848
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.365 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:154 Resp: 1357780
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 11.8 0.0 31.5

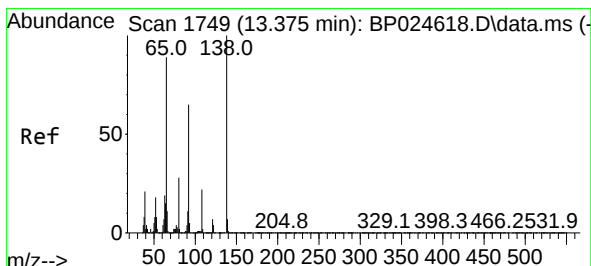
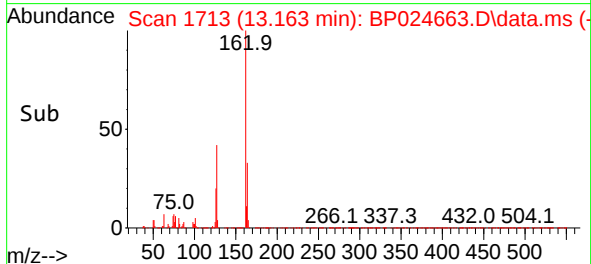
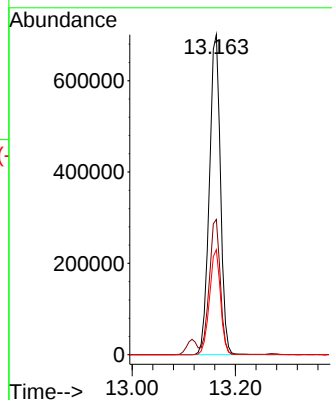
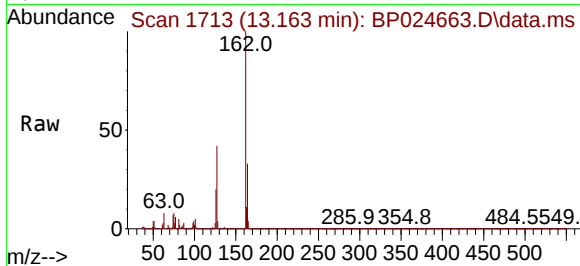




#47
2-Chloronaphthalene
Concen: 42.673 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

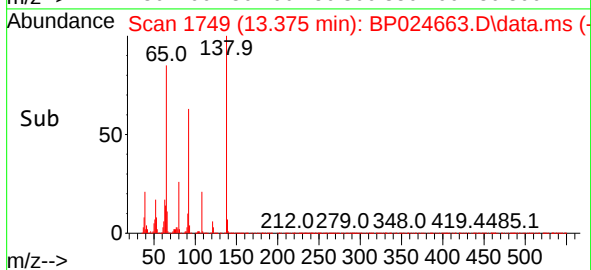
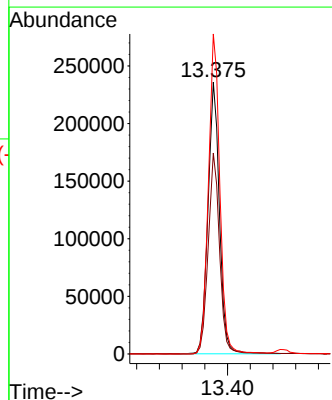
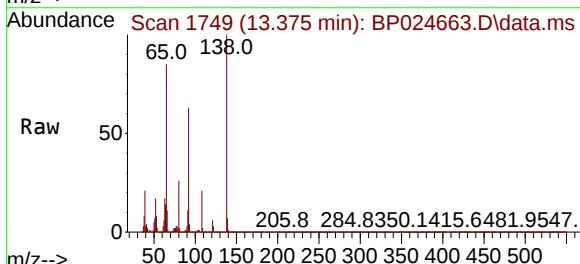
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

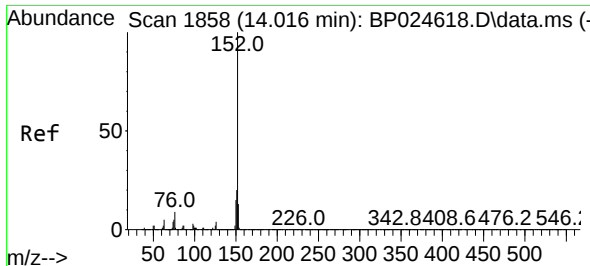
Tgt Ion:162 Resp: 1042808
Ion Ratio Lower Upper
162 100
127 42.2 33.8 50.6
164 32.8 26.0 39.0



#48
2-Nitroaniline
Concen: 45.509 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion: 65 Resp: 329248
Ion Ratio Lower Upper
65 100
92 73.9 58.7 88.1
138 117.7 90.2 135.2

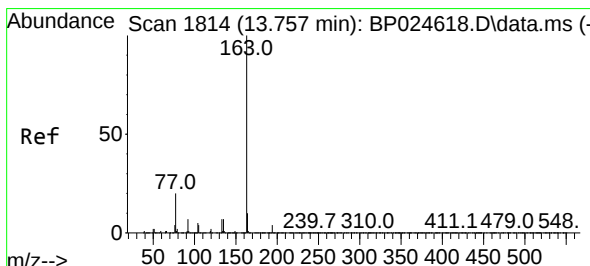
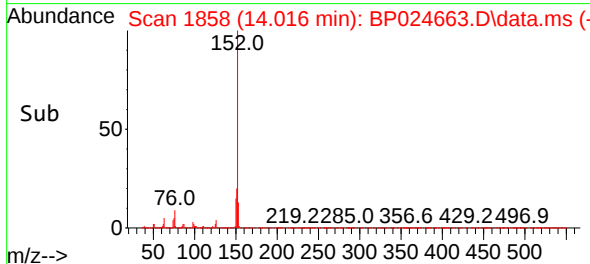
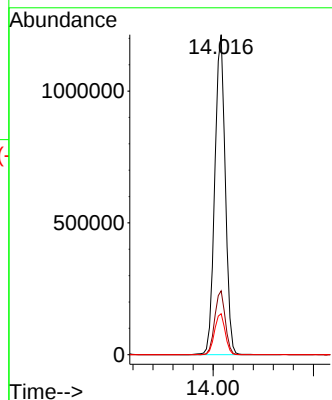
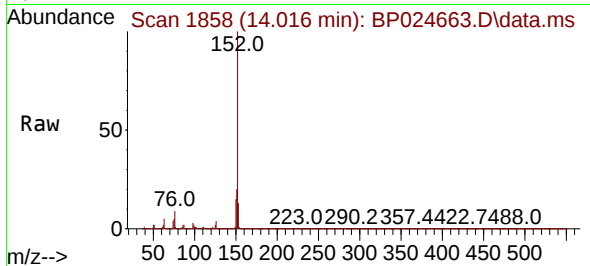




#49
Acenaphthylene
Concen: 42.987 ng
RT: 14.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

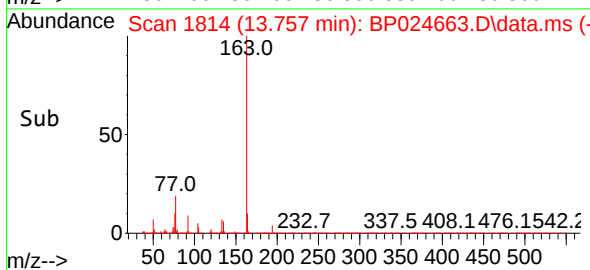
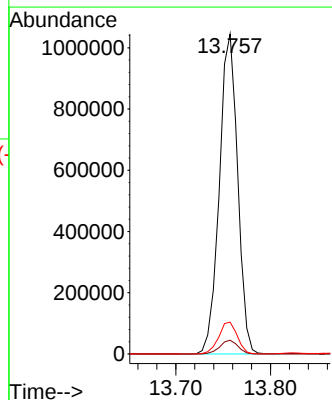
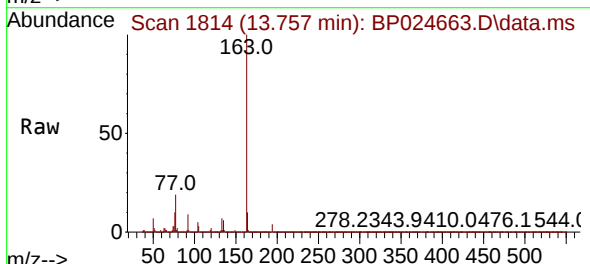
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

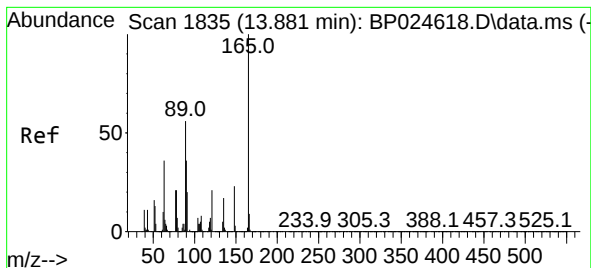
Tgt Ion:152 Resp: 1757929
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 12.8 10.2 15.4



#50
Dimethylphthalate
Concen: 42.496 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:163 Resp: 1404539
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.9 8.1 12.1

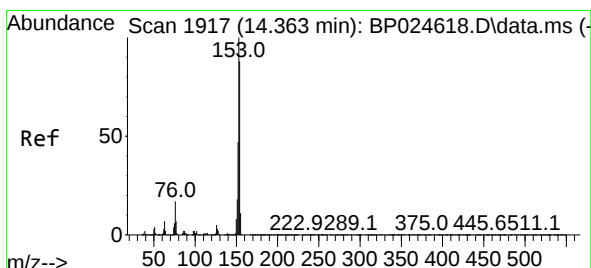
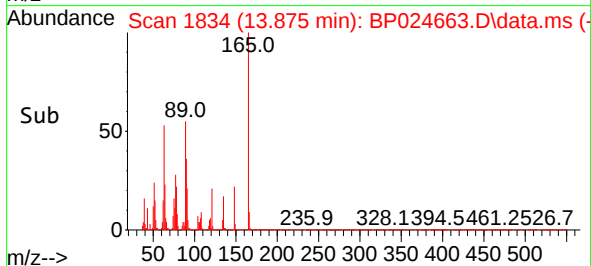
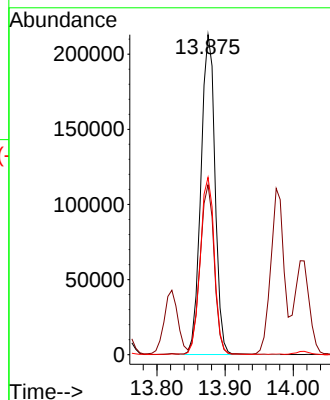
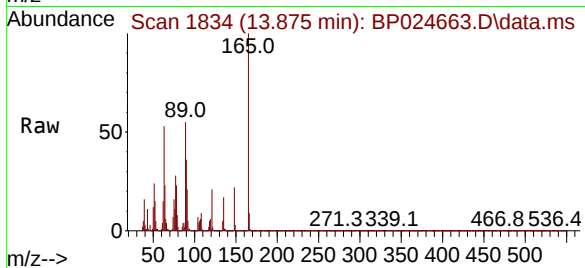




#51
2,6-Dinitrotoluene
Concen: 44.012 ng
RT: 13.875 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

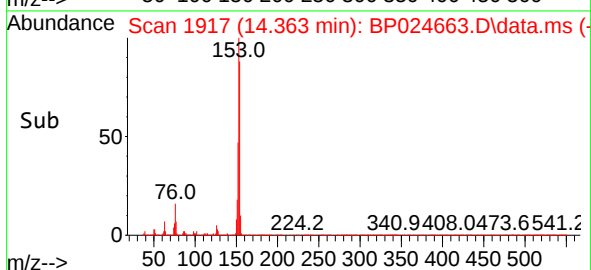
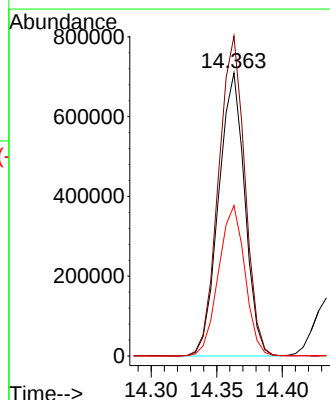
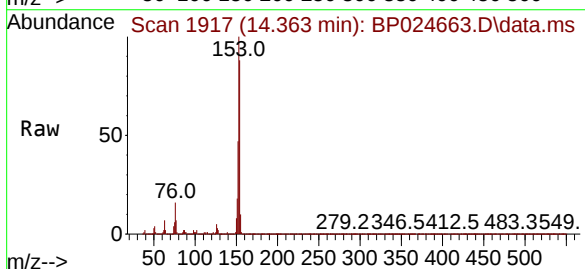
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

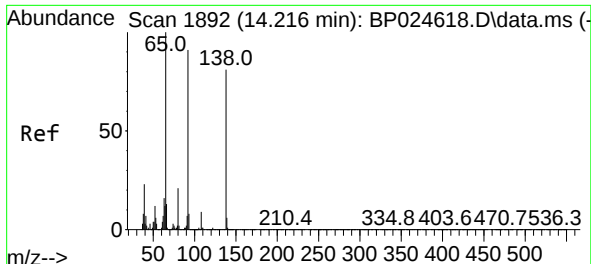
Tgt Ion:165 Resp: 307215
Ion Ratio Lower Upper
165 100
63 53.1 42.4 63.6
89 55.4 44.8 67.2



#52
Acenaphthene
Concen: 41.864 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:154 Resp: 984203
Ion Ratio Lower Upper
154 100
153 113.0 91.0 136.4
152 53.1 42.9 64.3

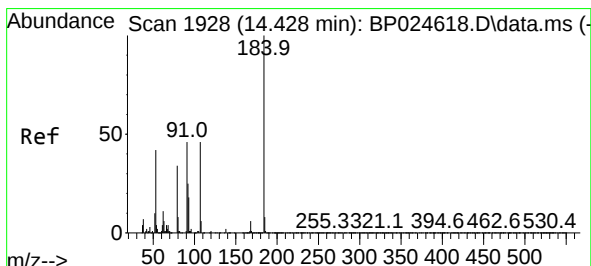
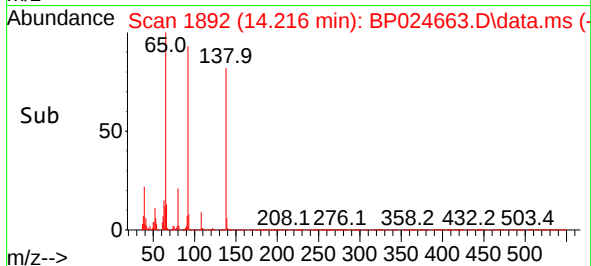
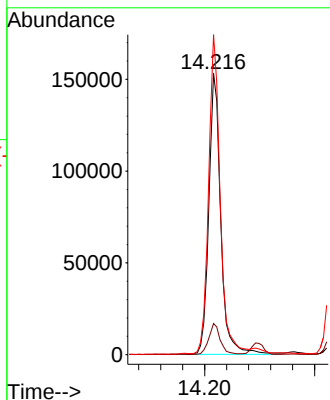
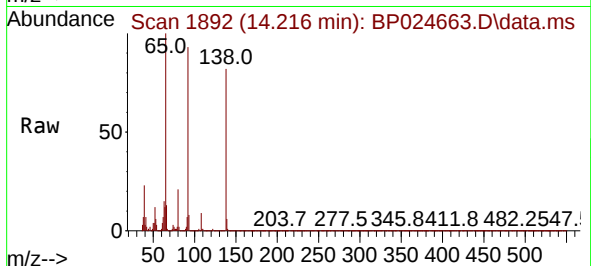




#53
3-Nitroaniline
Concen: 32.230 ng
RT: 14.216 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

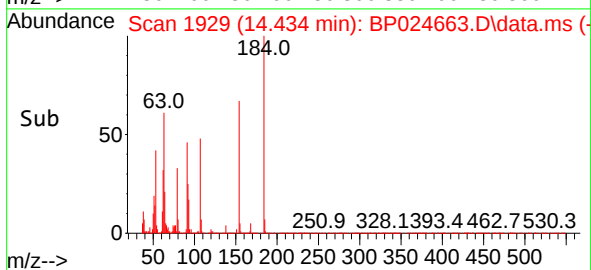
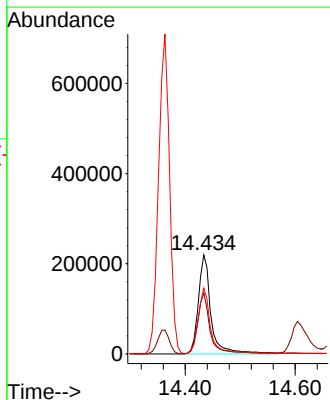
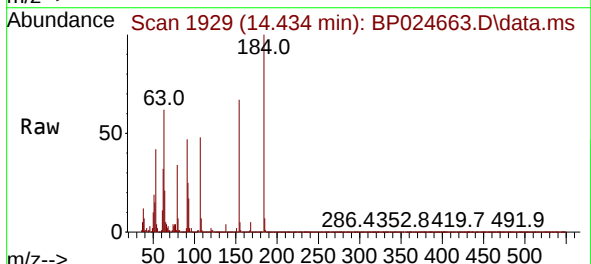
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

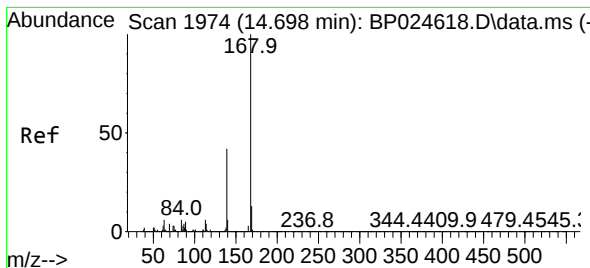
Tgt Ion:138 Resp: 229713
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 113.8 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 80.214 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:184 Resp: 353152
Ion Ratio Lower Upper
184 100
63 61.6 51.3 76.9
154 66.6 53.5 80.3

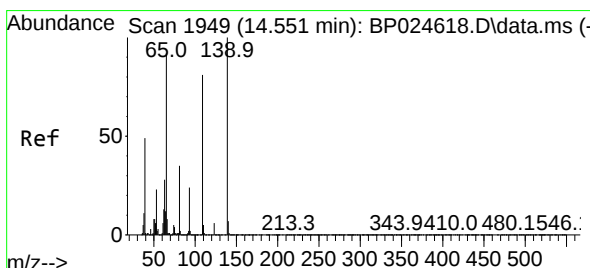
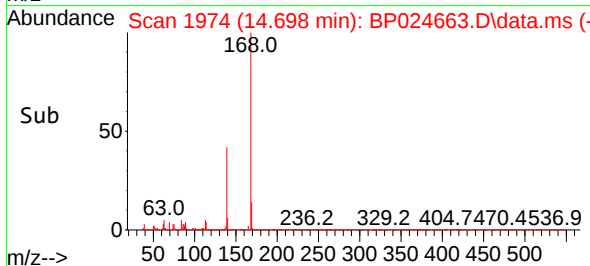
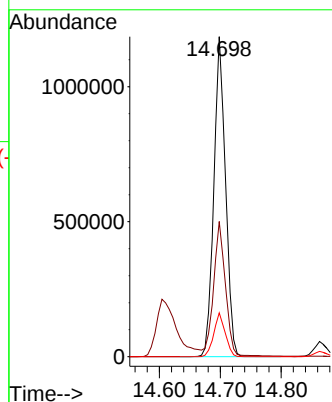
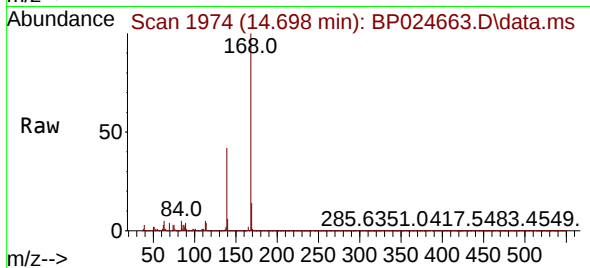




#55
Dibenzenofuran
Concen: 42.068 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

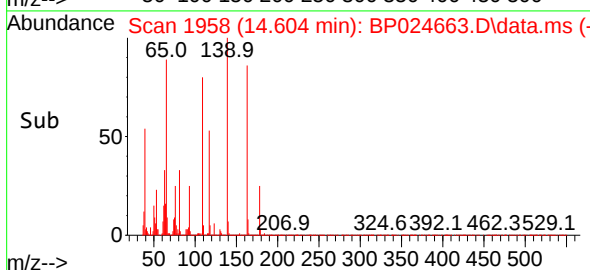
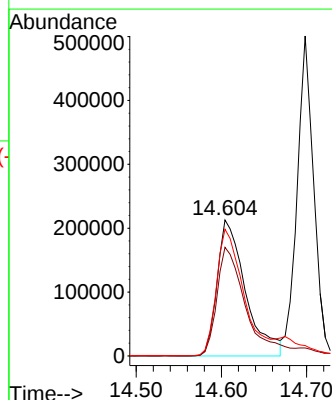
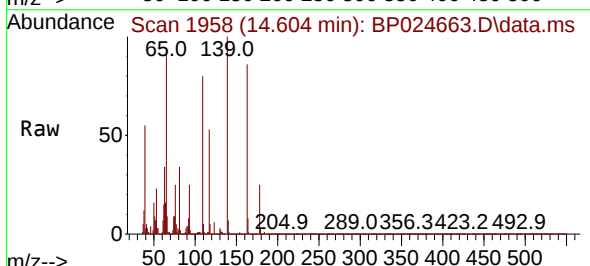
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

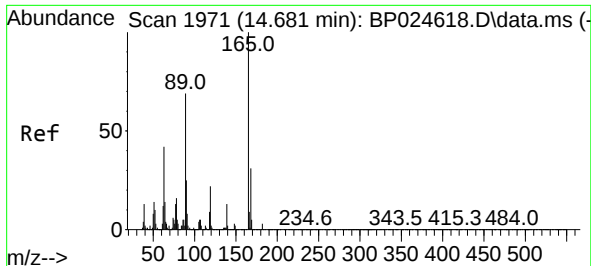
Tgt Ion:168 Resp: 1577517
Ion Ratio Lower Upper
168 100
139 42.3 34.2 51.4
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 79.723 ng
RT: 14.604 min Scan# 1958
Delta R.T. 0.053 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:139 Resp: 491830
Ion Ratio Lower Upper
139 100
109 79.9 61.4 101.4
65 93.2 72.2 112.2

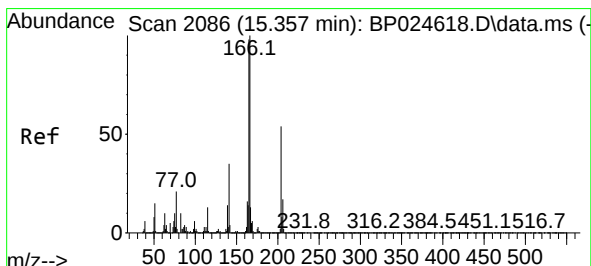
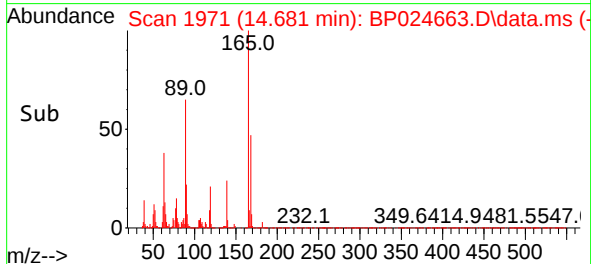
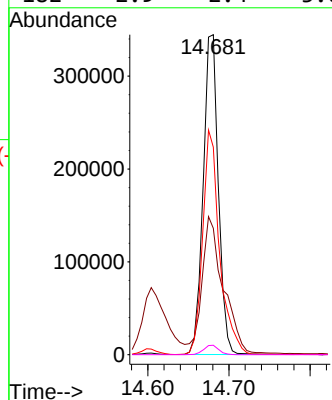
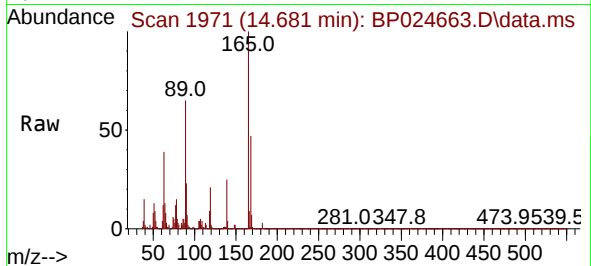




#57
2,4-Dinitrotoluene
Concen: 45.442 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

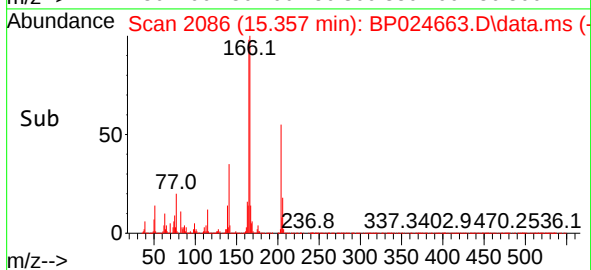
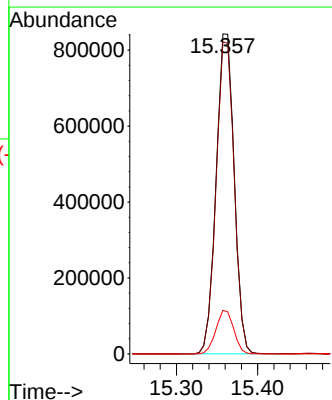
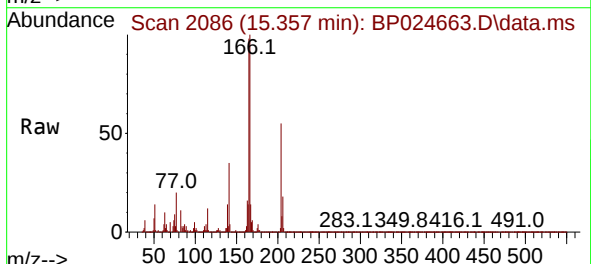
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

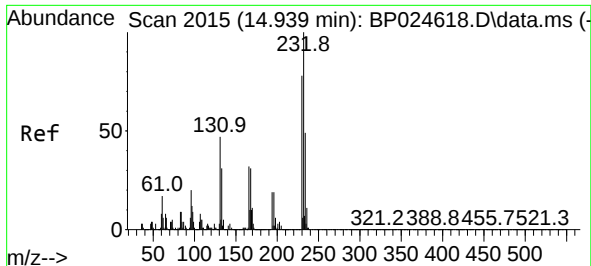
Tgt Ion:	165	Resp:	447187
Ion	Ratio	Lower	Upper
165	100		
63	39.5	33.8	50.6
89	64.9	55.6	83.4
182	2.9	2.4	3.6



#58
Fluorene
Concen: 42.646 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:	166	Resp:	1303967
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.5	117.7
167	13.6	10.7	16.1

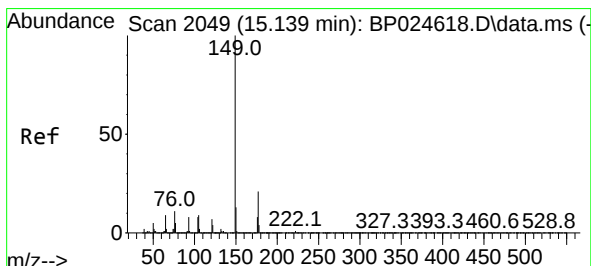
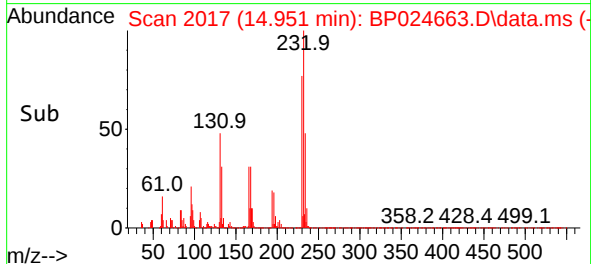
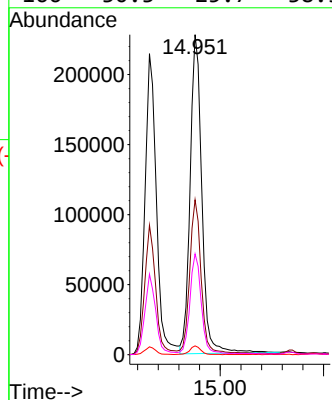
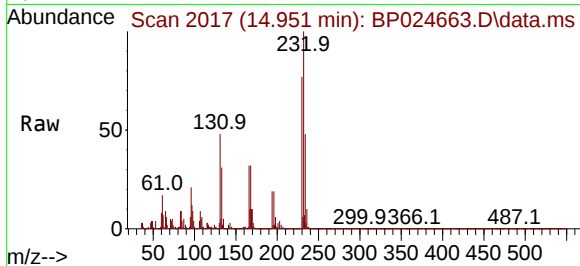




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.619 ng
RT: 14.951 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

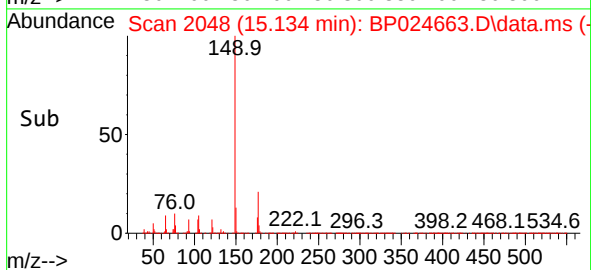
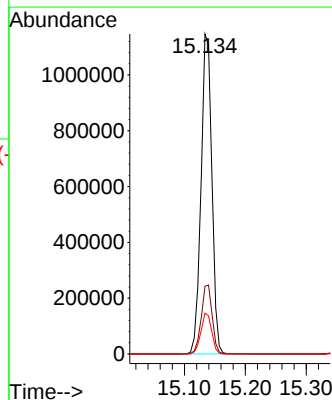
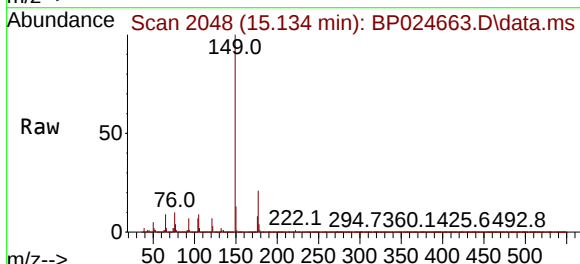
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

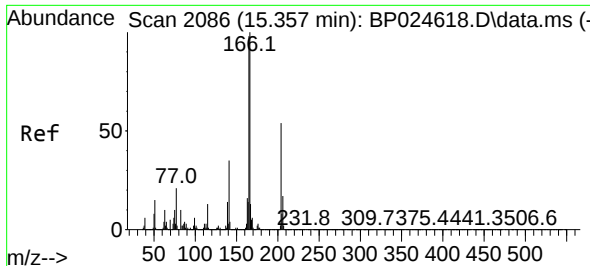
Tgt Ion:232 Resp: 358925
Ion Ratio Lower Upper
232 100
131 47.2 39.5 59.3
130 2.7 2.2 3.4
166 30.3 25.7 38.5



#60
Diethylphthalate
Concen: 42.531 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:149 Resp: 1420747
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.8 10.2 15.2

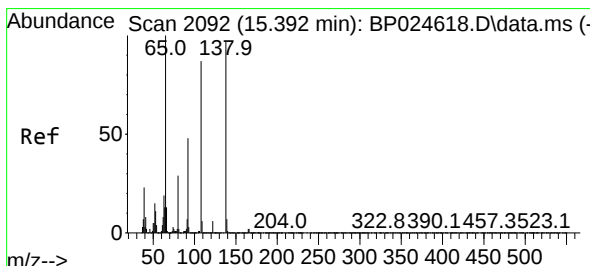
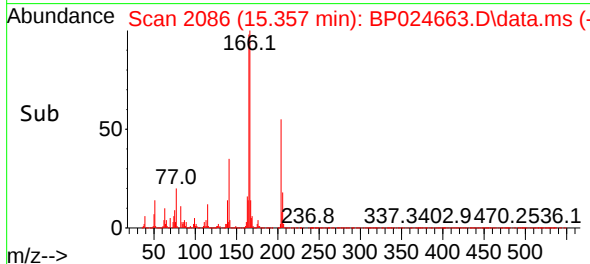
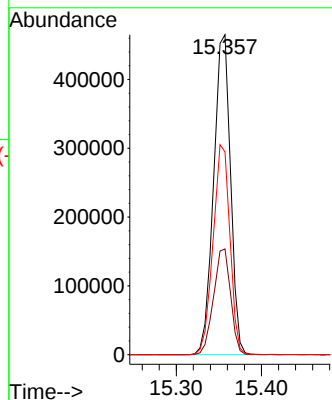
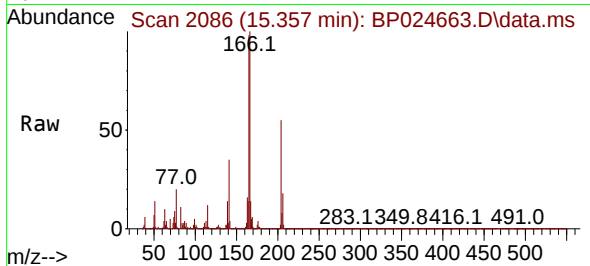




#61
4-Chlorophenyl-phenylether
Concen: 42.021 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

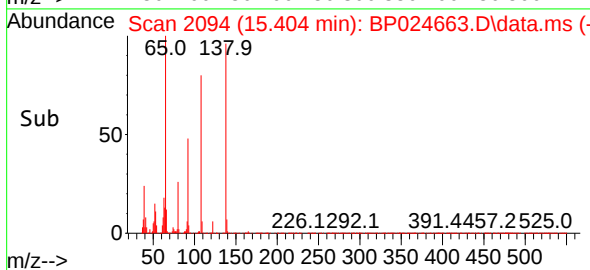
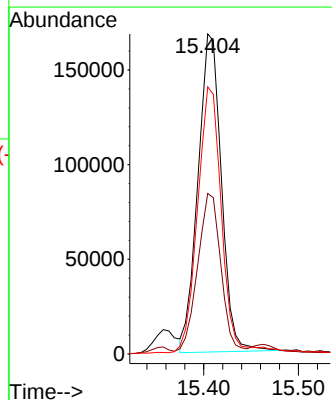
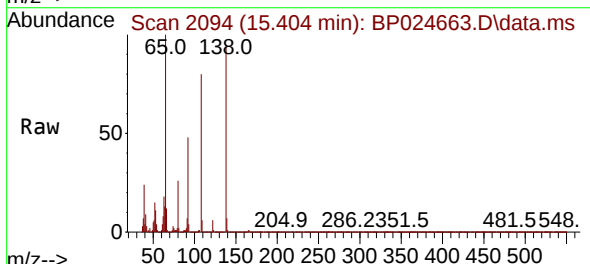
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

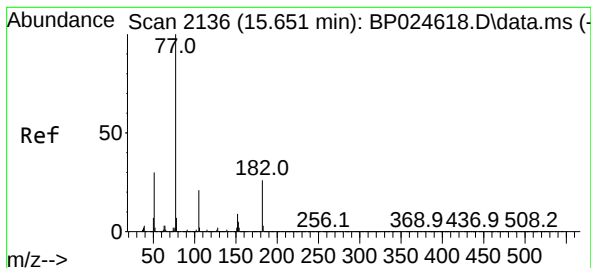
Tgt Ion:204 Resp: 640763
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 63.4 52.9 79.3



#62
4-Nitroaniline
Concen: 41.907 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:138 Resp: 288403
Ion Ratio Lower Upper
138 100
92 50.2 29.2 69.2
108 83.5 69.0 109.0





#63

Azobenzene

Concen: 47.391 ng

RT: 15.651 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

Tgt Ion: 77 Resp: 1354287

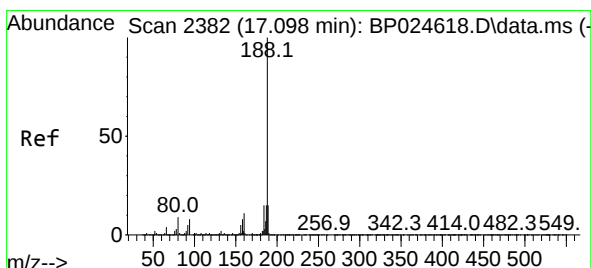
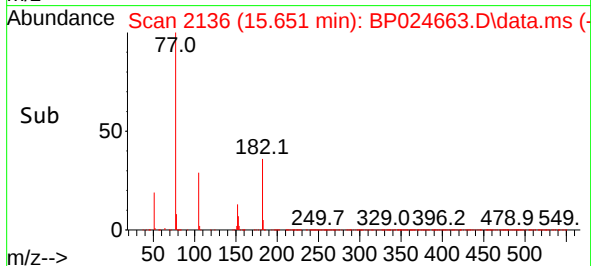
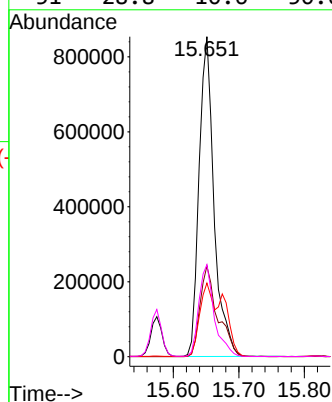
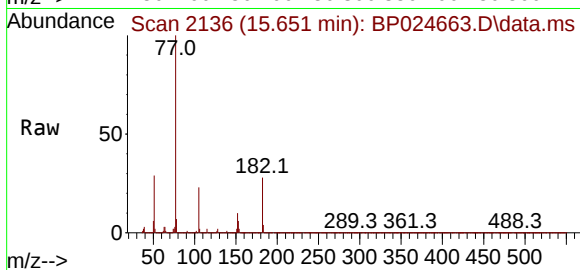
Ion Ratio Lower Upper

77 100

182 28.3 5.7 45.7

105 23.0 1.3 41.3

51 28.8 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.104 min Scan# 2383

Delta R.T. 0.006 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

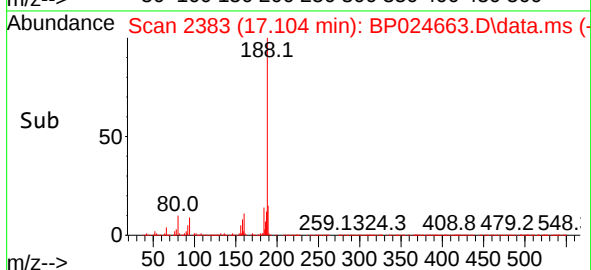
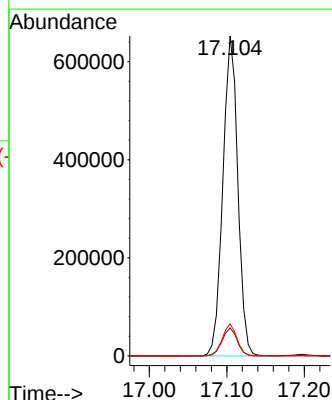
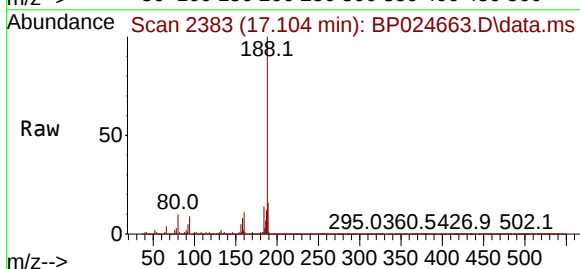
Tgt Ion:188 Resp: 874069

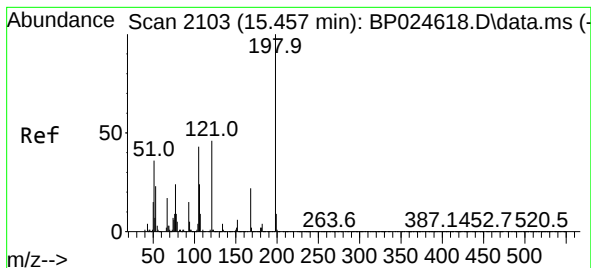
Ion Ratio Lower Upper

188 100

94 8.8 6.5 9.7

80 10.1 7.3 10.9

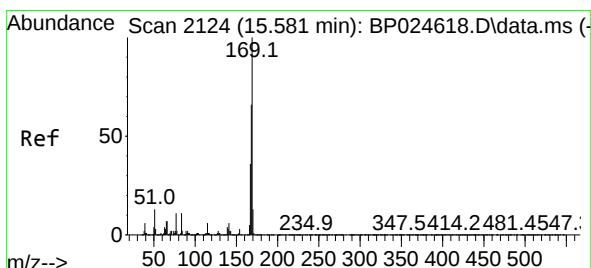
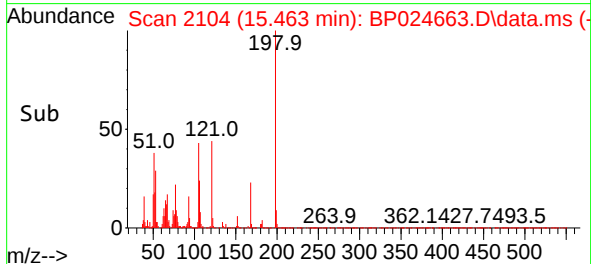
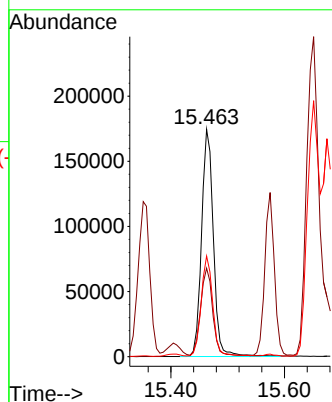
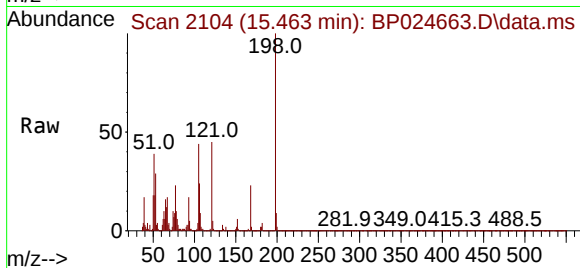




#65
4,6-Dinitro-2-methylphenol
Concen: 44.769 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

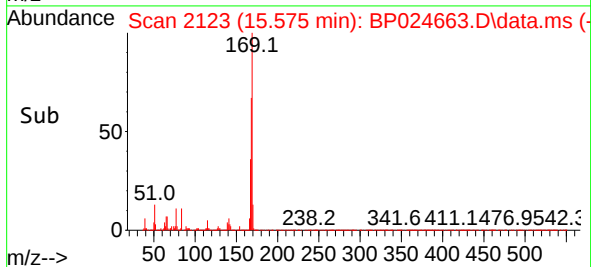
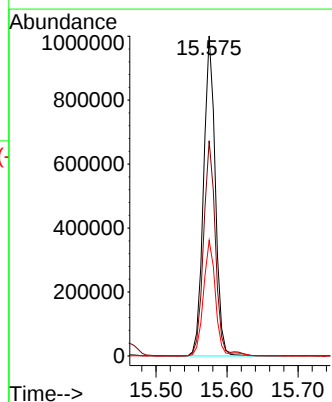
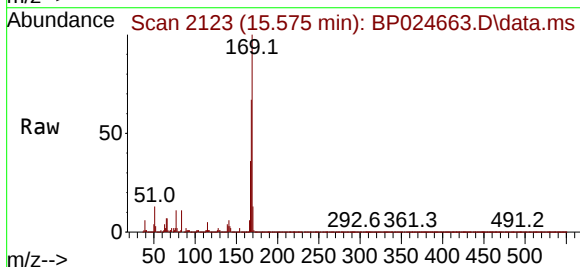
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

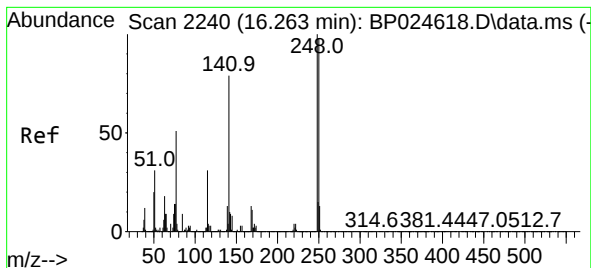
Tgt Ion:198 Resp: 252765
Ion Ratio Lower Upper
198 100
51 38.9 21.1 61.1
105 44.3 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 42.901 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:169 Resp: 1151800
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.1 28.6 43.0

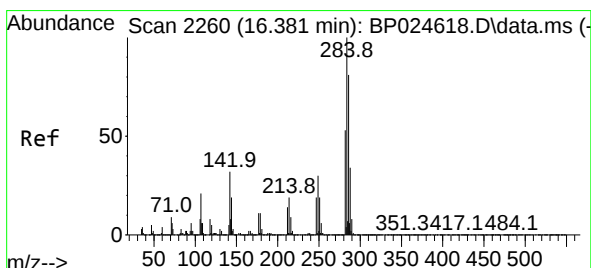
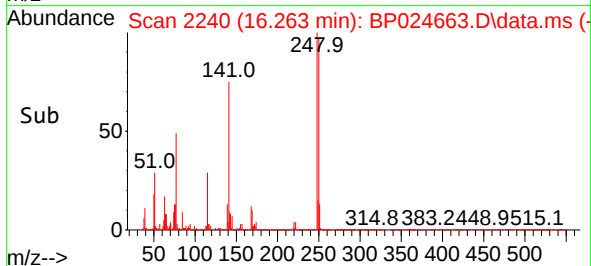
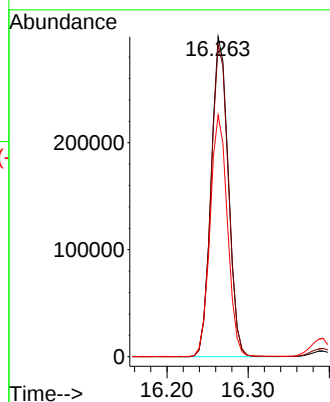
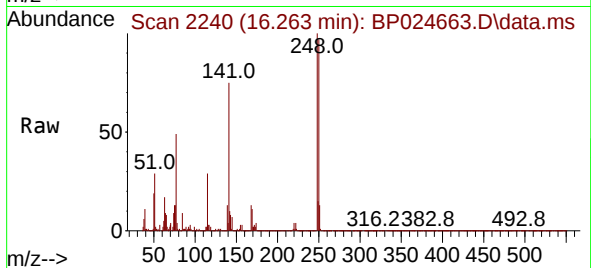




#67
4-Bromophenyl-phenylether
Concen: 42.679 ng
RT: 16.263 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

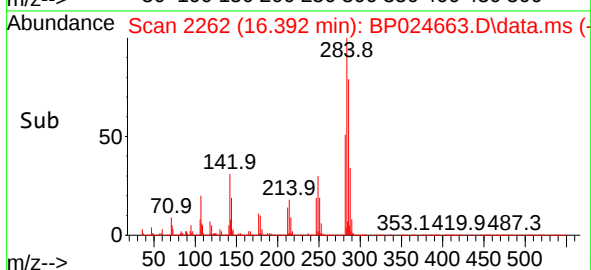
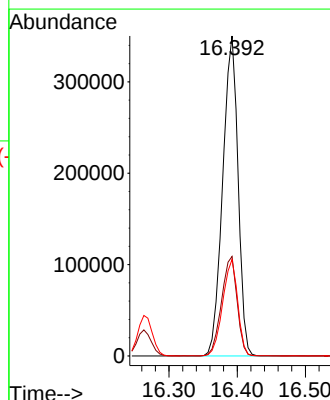
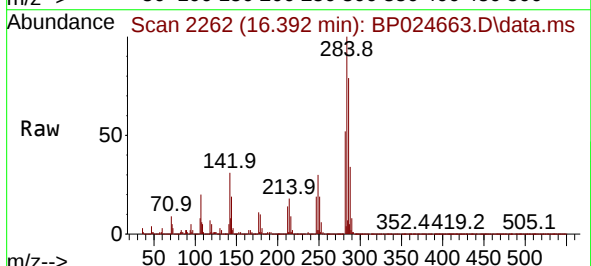
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

Tgt Ion:248 Resp: 439578
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.4
141 75.4 63.0 94.6



#68
Hexachlorobenzene
Concen: 41.862 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:284 Resp: 547873
Ion Ratio Lower Upper
284 100
142 31.1 25.9 38.9
249 30.1 24.1 36.1





#69

Atrazine

Concen: 43.624 ng

RT: 16.563 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

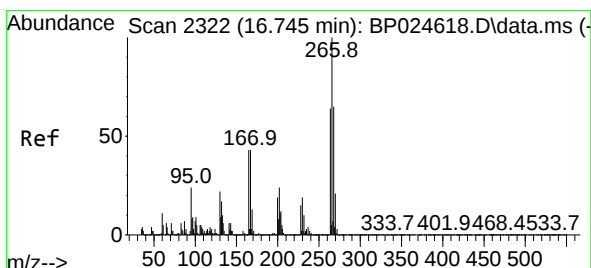
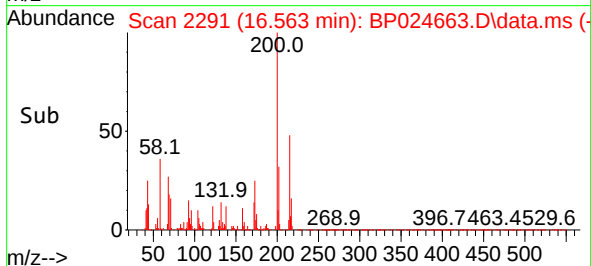
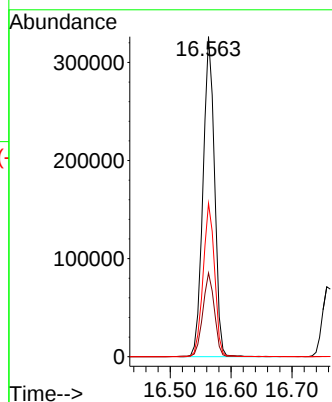
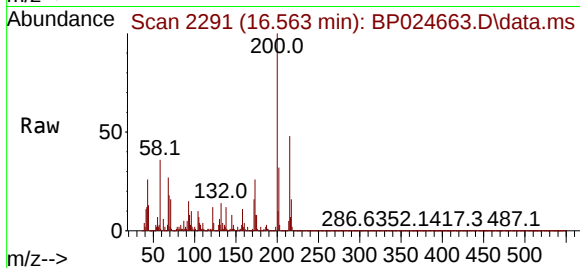
Tgt Ion:200 Resp: 429220

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

215 47.9 28.3 68.3



#70

Pentachlorophenol

Concen: 86.172 ng

RT: 16.757 min Scan# 2324

Delta R.T. 0.012 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

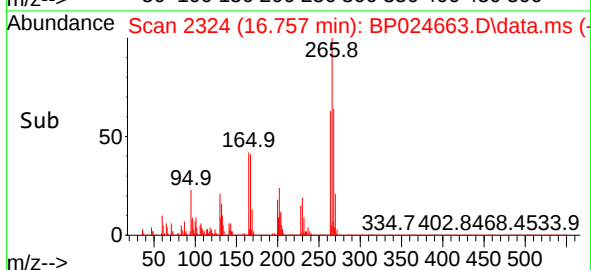
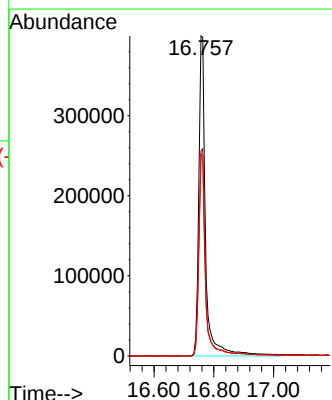
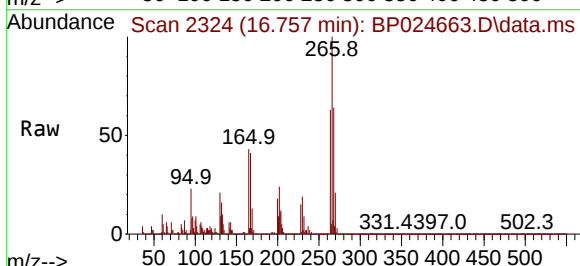
Tgt Ion:266 Resp: 633070

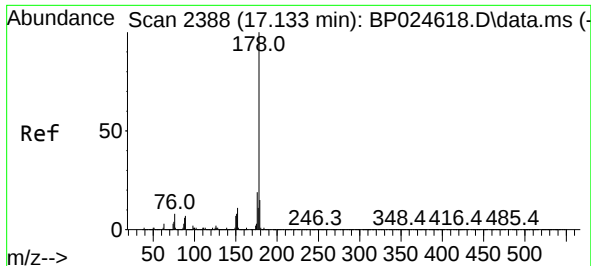
Ion Ratio Lower Upper

266 100

268 64.1 52.2 78.4

264 63.0 51.1 76.7

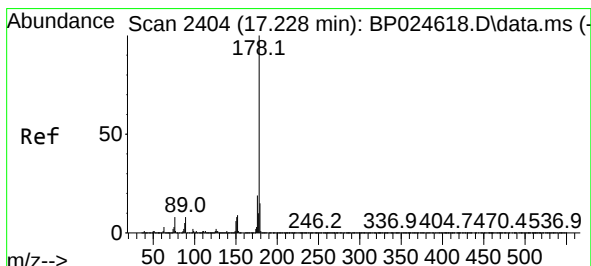
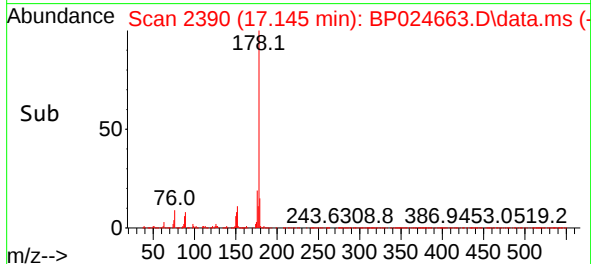
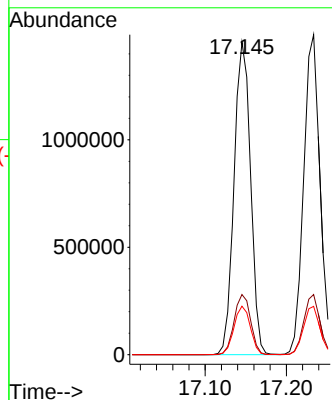
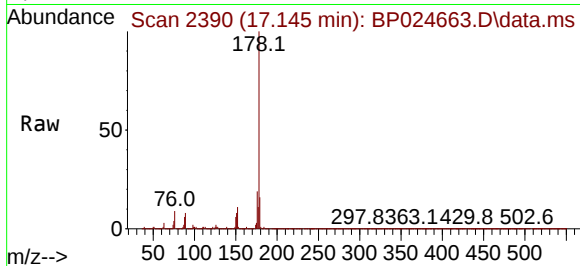




#71
Phenanthrene
Concen: 42.198 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

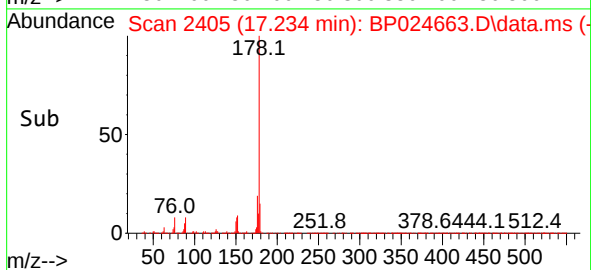
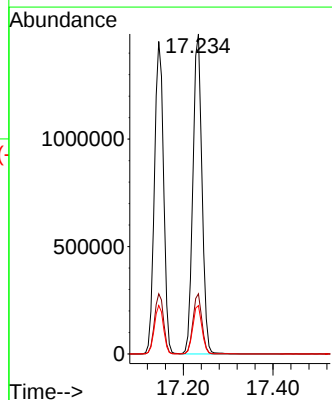
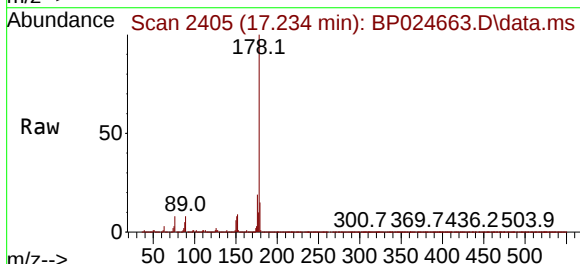
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

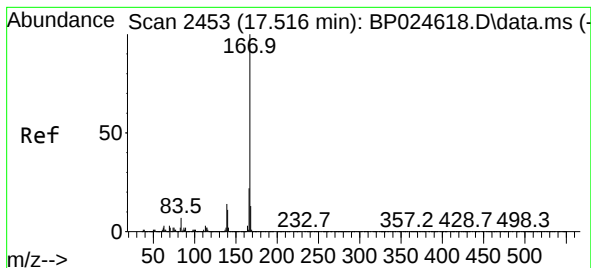
Tgt Ion:178 Resp: 2050431
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 42.744 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:178 Resp: 2089638
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.1 12.2 18.2





#73

Carbazole

Concen: 44.185 ng

RT: 17.528 min Scan# 2453

Delta R.T. 0.012 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

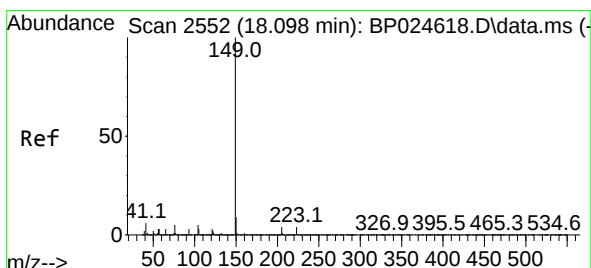
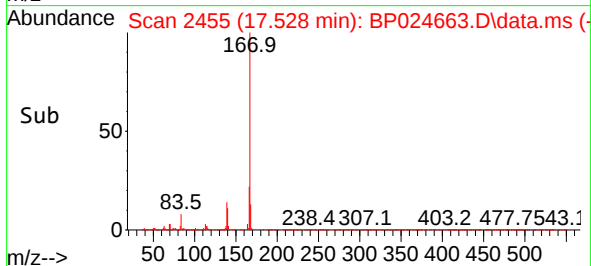
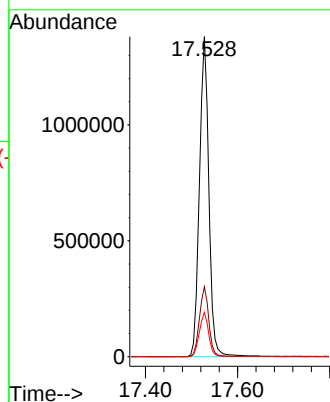
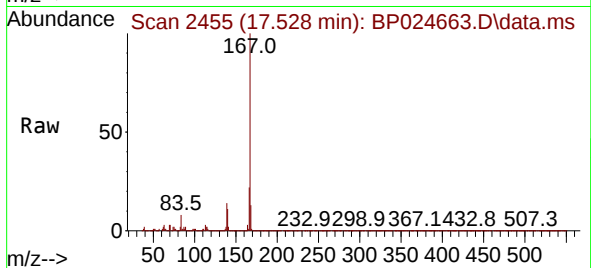
Tgt Ion:167 Resp: 1955128

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 13.9 11.3 16.9



#74

Di-n-butylphthalate

Concen: 44.166 ng

RT: 18.116 min Scan# 2555

Delta R.T. 0.018 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

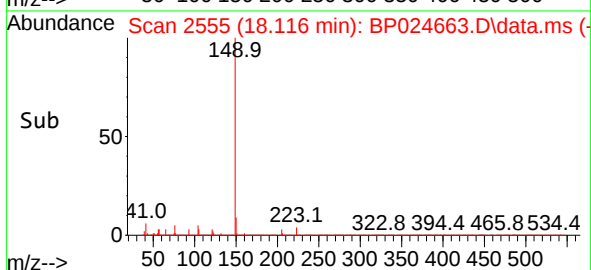
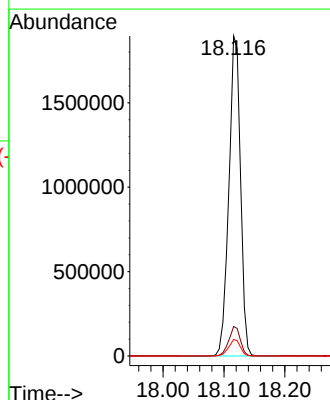
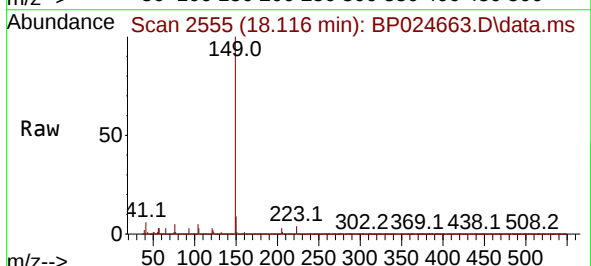
Tgt Ion:149 Resp: 2513347

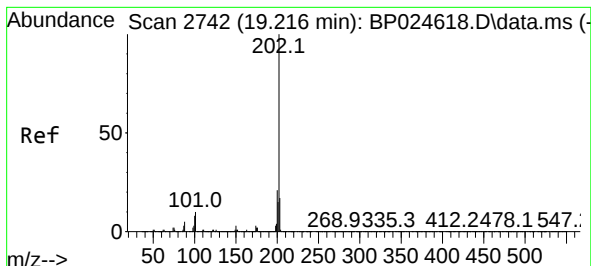
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 42.530 ng

RT: 19.233 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

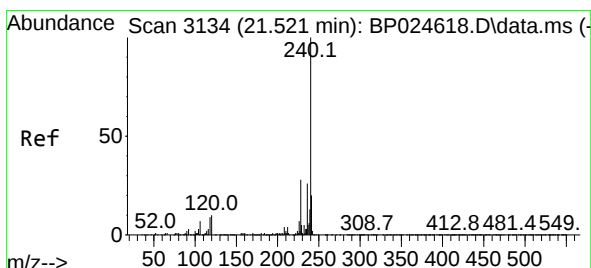
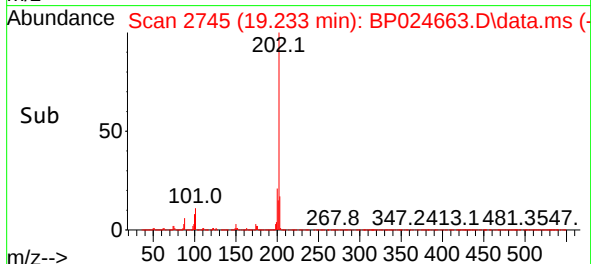
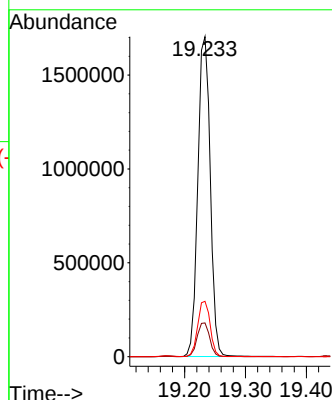
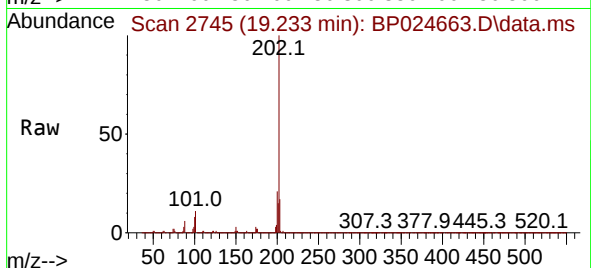
Tgt Ion:202 Resp: 2415698

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3136

Delta R.T. 0.012 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

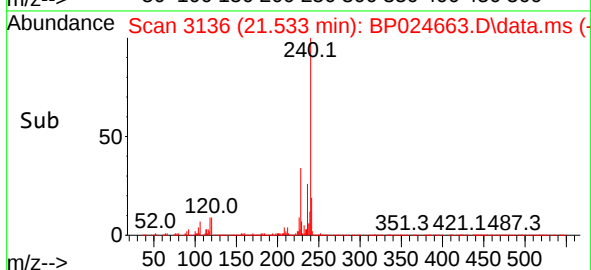
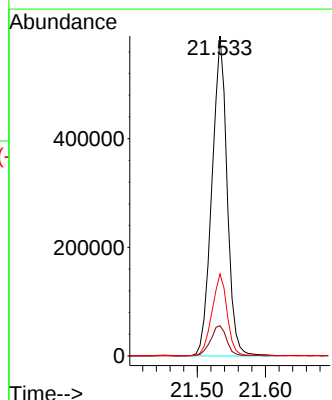
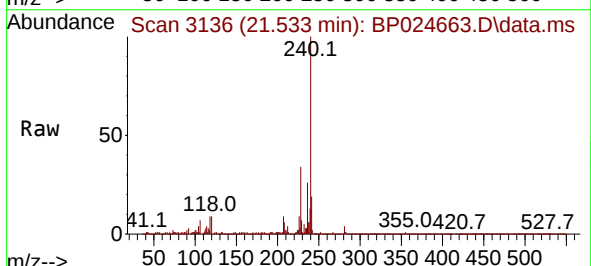
Tgt Ion:240 Resp: 911524

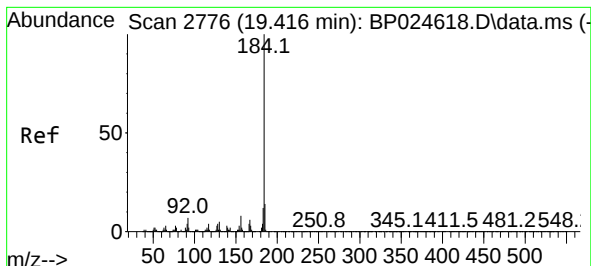
Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 25.6 20.6 31.0





#77

Benzidine

Concen: 34.019 ng

RT: 19.439 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

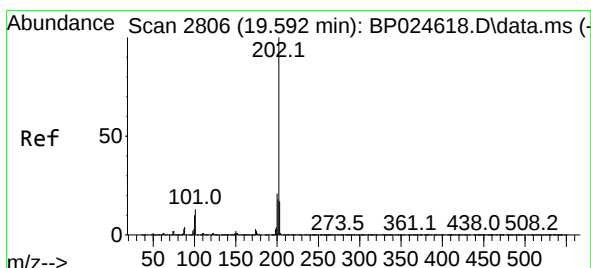
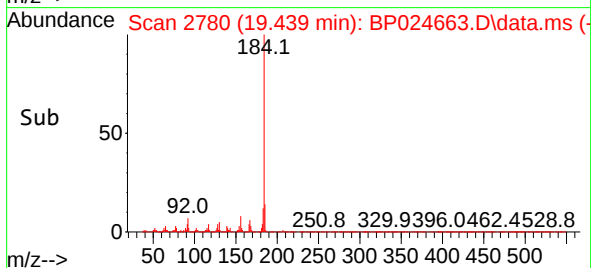
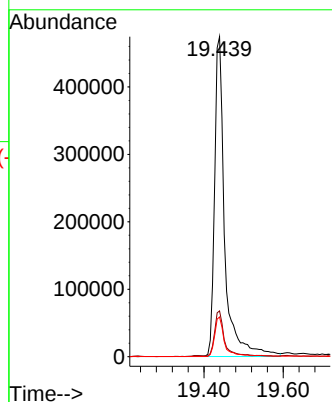
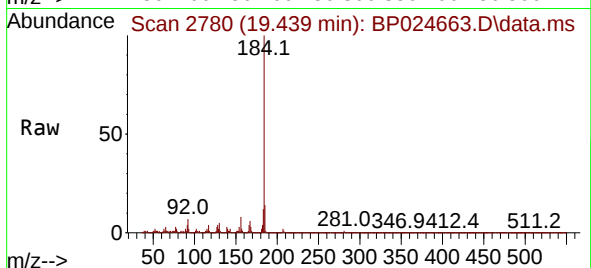
Tgt Ion:184 Resp: 844562

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 12.4 9.8 14.8



#78

Pyrene

Concen: 45.882 ng

RT: 19.610 min Scan# 2809

Delta R.T. 0.018 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

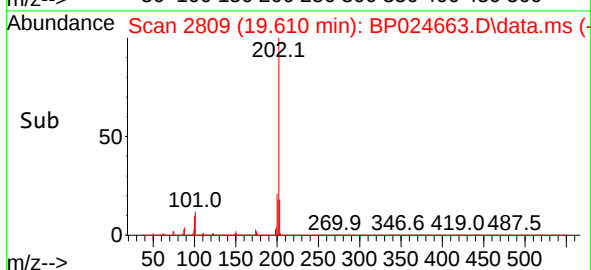
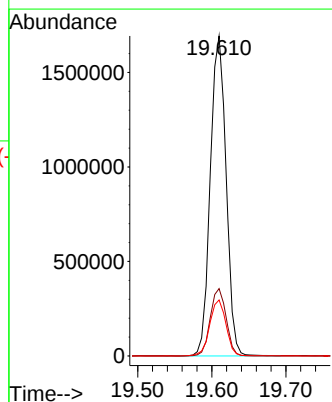
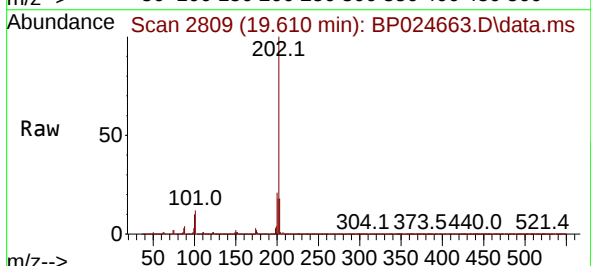
Tgt Ion:202 Resp: 2505885

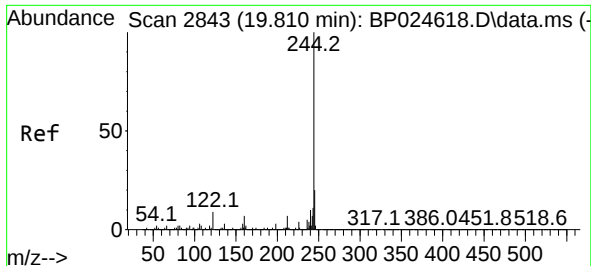
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.5 13.9 20.9

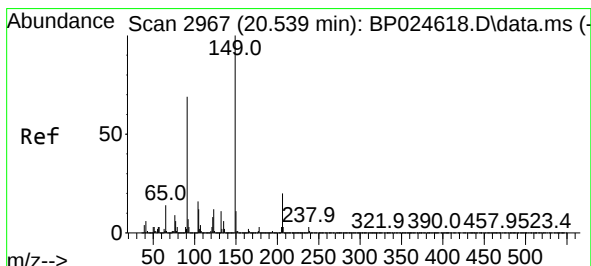
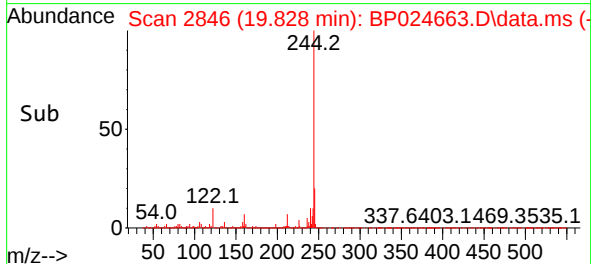
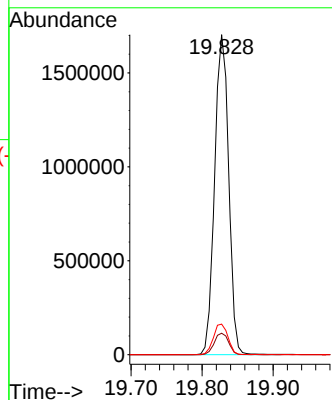
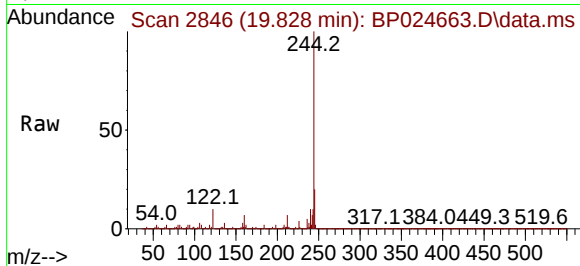




#79
 Terphenyl-d14
 Concen: 43.951 ng
 RT: 19.828 min Scan# 2846
 Delta R.T. 0.018 min
 Lab File: BP024663.D
 Acq: 16 May 2025 19:01

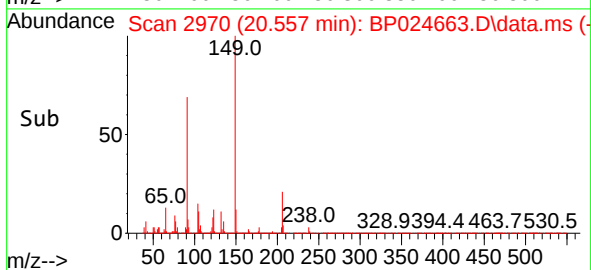
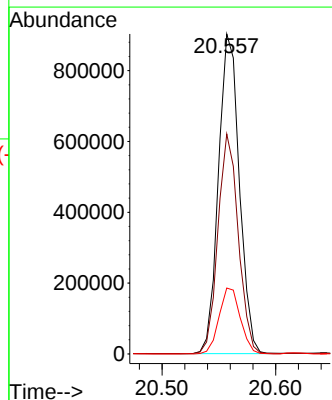
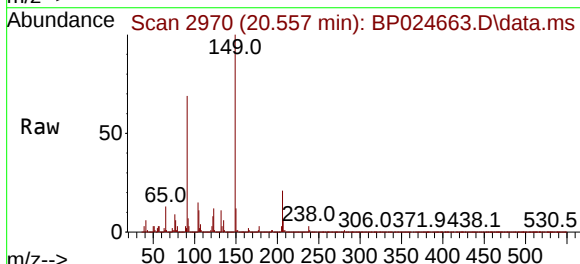
Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-05MSD

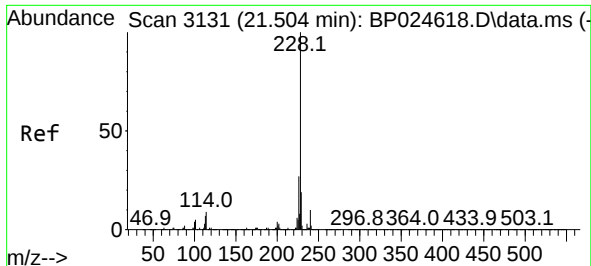
Tgt Ion:244 Resp: 2336436
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 9.5 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 47.498 ng
 RT: 20.557 min Scan# 2970
 Delta R.T. 0.018 min
 Lab File: BP024663.D
 Acq: 16 May 2025 19:01

Tgt Ion:149 Resp: 1153735
 Ion Ratio Lower Upper
 149 100
 91 68.7 55.4 83.0
 206 20.6 16.2 24.2

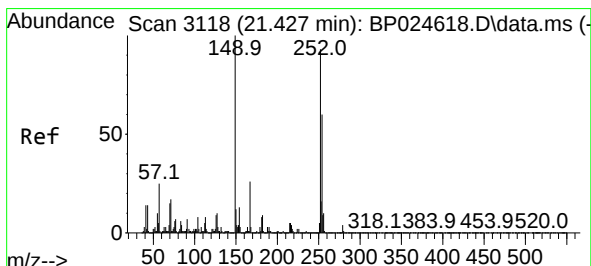
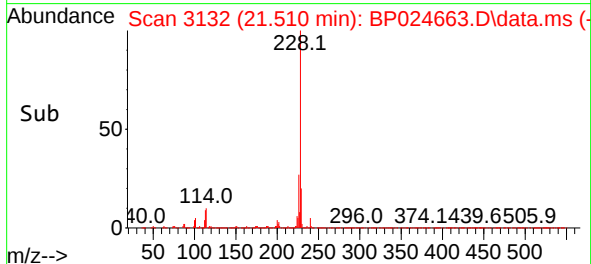
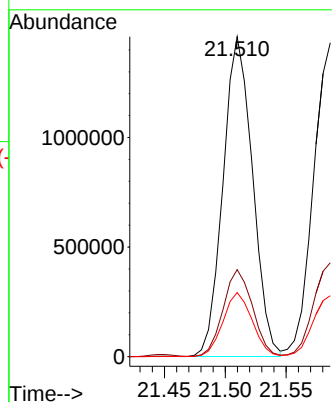
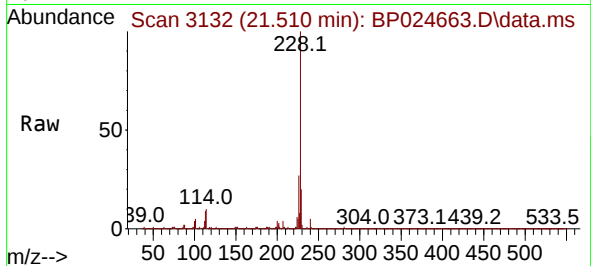




#81
Benzo(a)anthracene
Concen: 42.991 ng
RT: 21.510 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

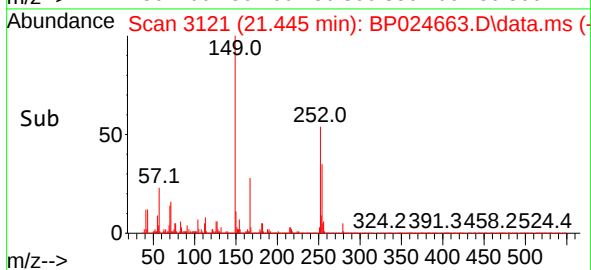
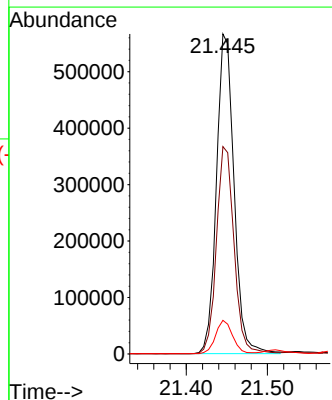
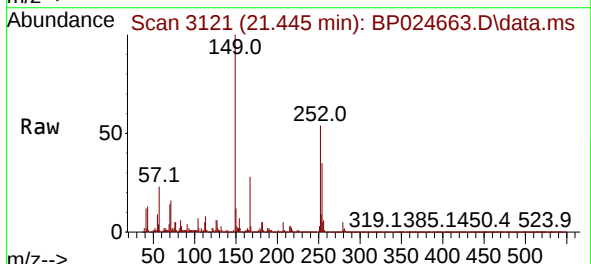
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

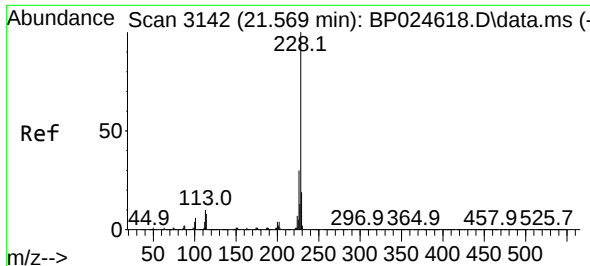
Tgt Ion:228 Resp: 2460640
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 40.114 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.018 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:252 Resp: 852765
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 10.5 7.7 11.5





#83

Chrysene

Concen: 42.863 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

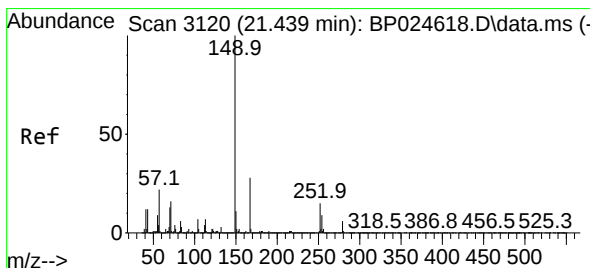
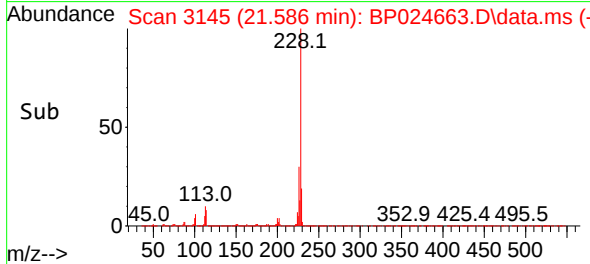
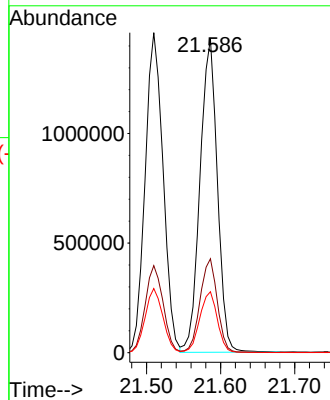
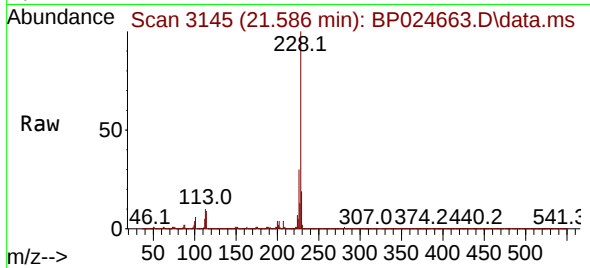
Tgt Ion:228 Resp: 2325598

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.362 ng

RT: 21.451 min Scan# 3122

Delta R.T. 0.012 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

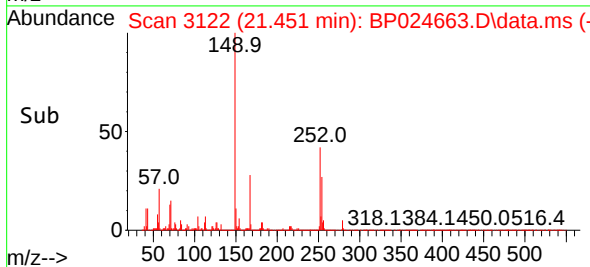
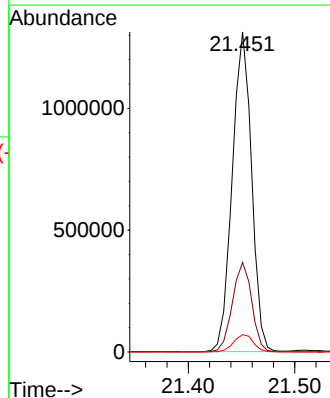
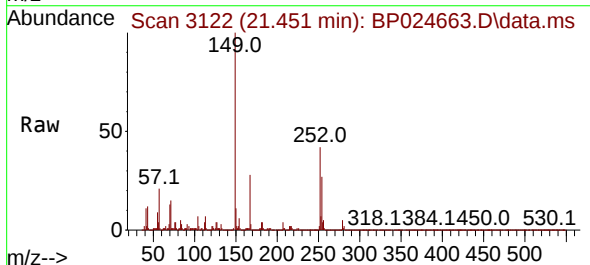
Tgt Ion:149 Resp: 1655220

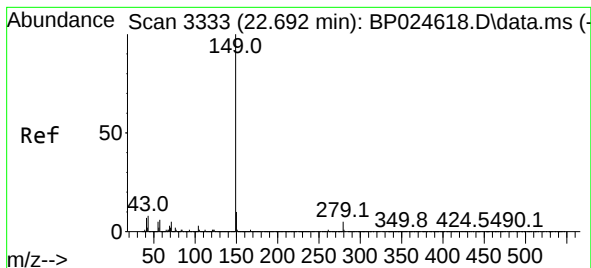
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 5.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 46.215 ng

RT: 22.704 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

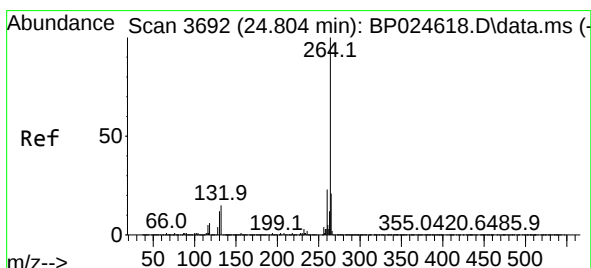
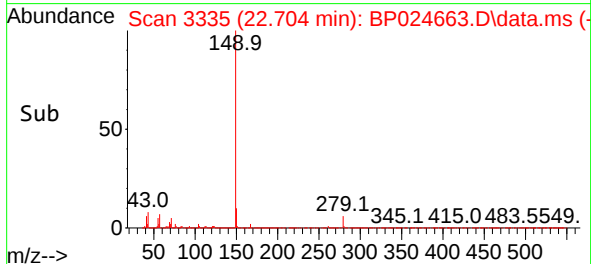
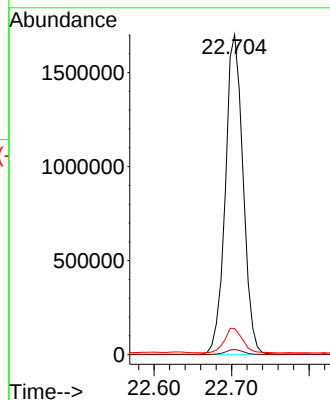
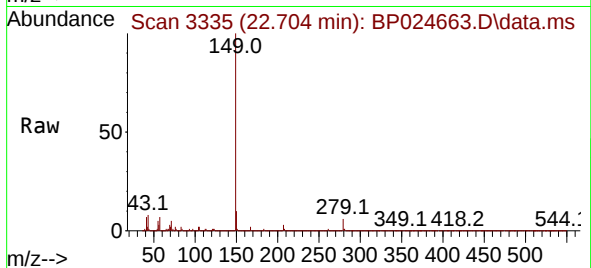
Tgt Ion:149 Resp: 2698152

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.9 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.839 min Scan# 3698

Delta R.T. 0.035 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

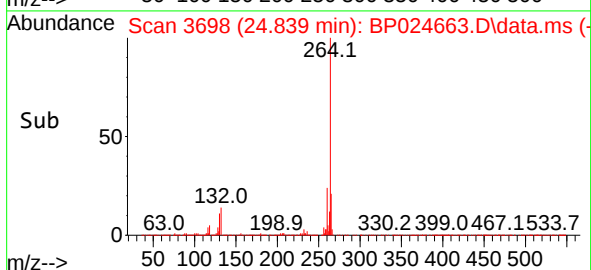
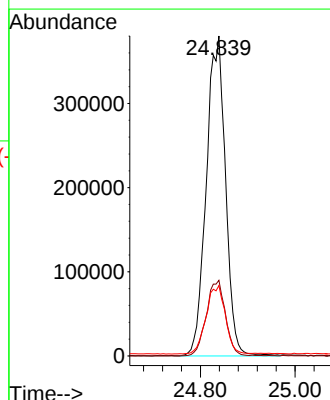
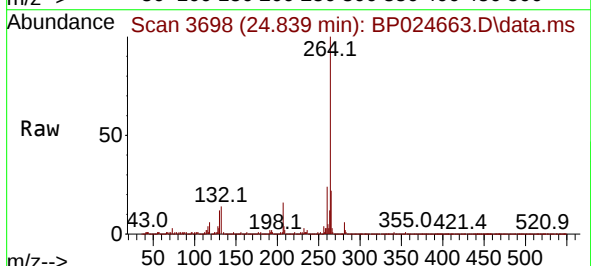
Tgt Ion:264 Resp: 1070469

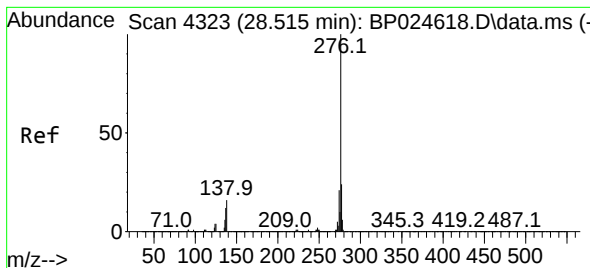
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.413 ng m

RT: 28.551 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

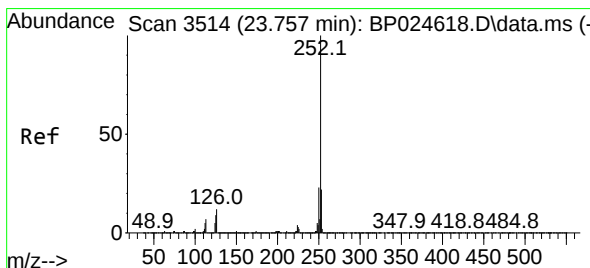
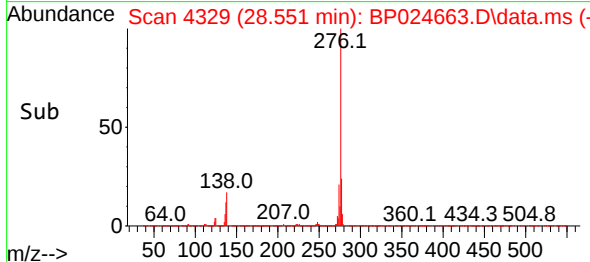
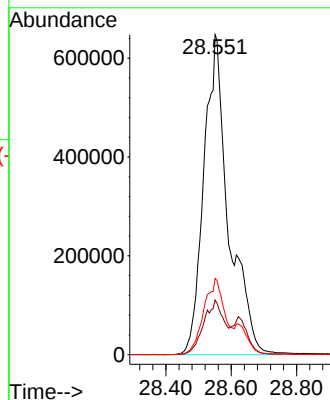
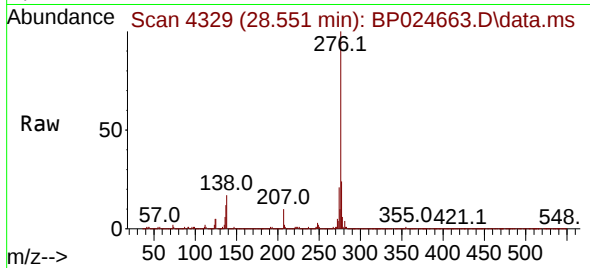
Tgt Ion:276 Resp: 3392704

Ion Ratio Lower Upper

276 100

138 13.8 11.2 16.8

277 20.7 15.7 23.5



#88

Benzo(b)fluoranthene

Concen: 42.018 ng

RT: 23.780 min Scan# 3518

Delta R.T. 0.024 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

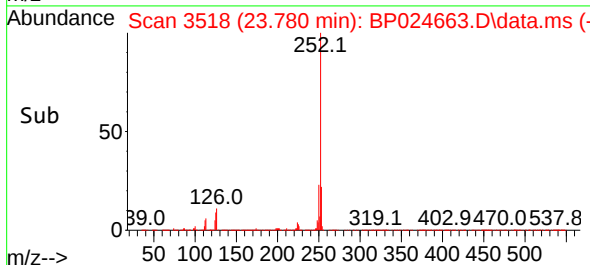
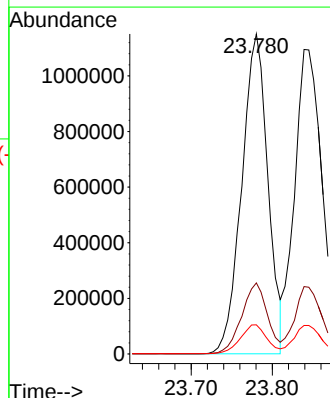
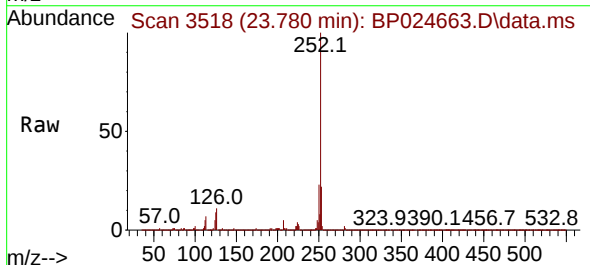
Tgt Ion:252 Resp: 2574498

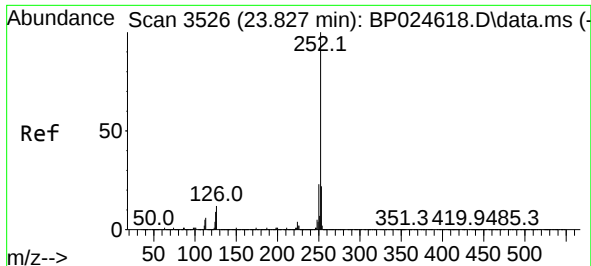
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.1 7.5 11.3

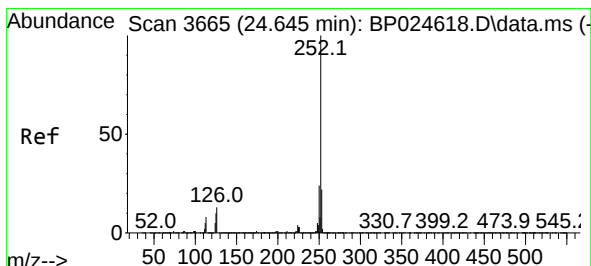
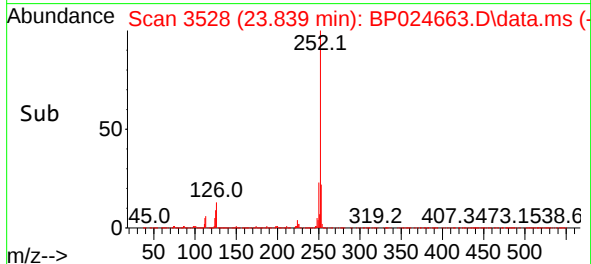
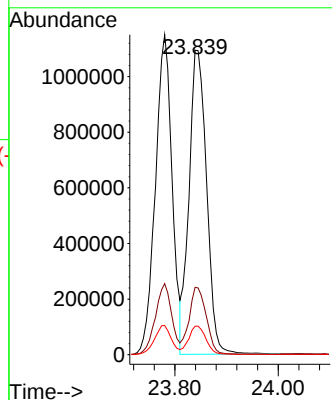
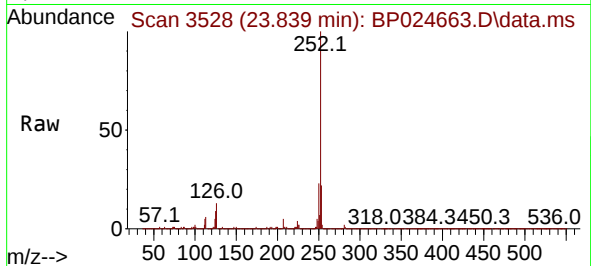




#89
Benzo(k)fluoranthene
Concen: 40.925 ng
RT: 23.839 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

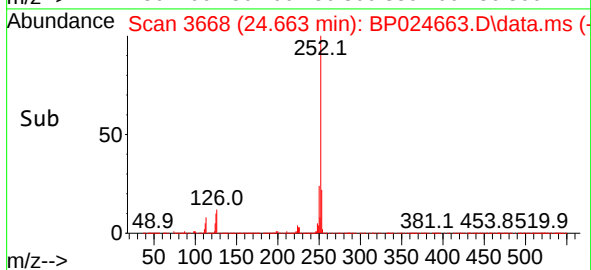
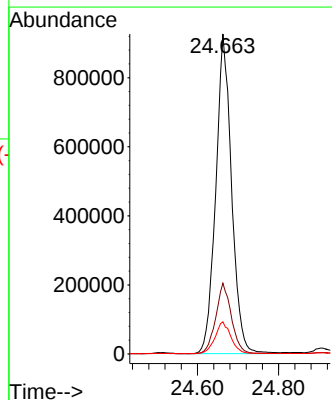
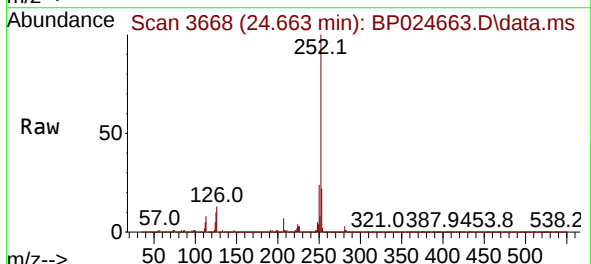
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

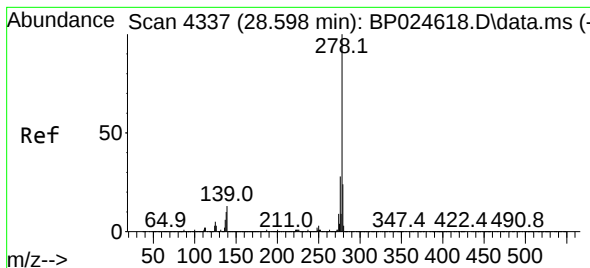
Tgt Ion:252 Resp: 2583902
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.4 7.0 10.4



#90
Benzo(a)pyrene
Concen: 42.528 ng
RT: 24.663 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP024663.D
Acq: 16 May 2025 19:01

Tgt Ion:252 Resp: 2502609
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.0 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 43.938 ng

RT: 28.627 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MSD

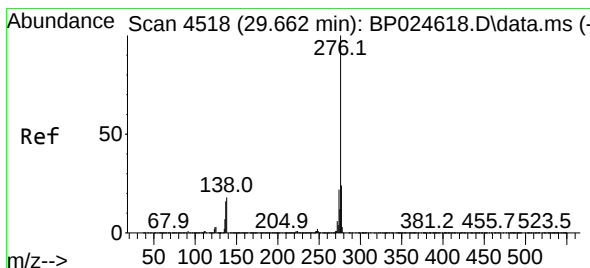
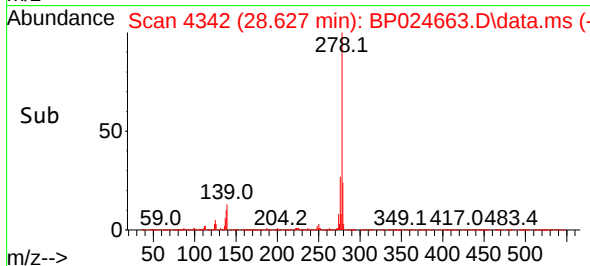
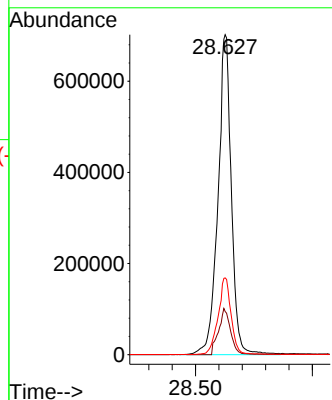
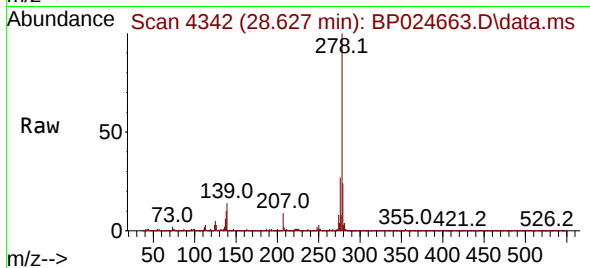
Tgt Ion:278 Resp: 2793524

Ion Ratio Lower Upper

278 100

139 13.5 10.2 15.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 43.101 ng

RT: 29.703 min Scan# 4525

Delta R.T. 0.041 min

Lab File: BP024663.D

Acq: 16 May 2025 19:01

Tgt Ion:276 Resp: 2725051

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 17.8 14.4 21.6

