

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024662.D
 Acq On : 16 May 2025 18:20
 Operator : RC/JU
 Sample : Q1983-25MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 17 00:44:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	161687	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	656491	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	421620	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	833881	20.000	ng	0.00
76) Chrysene-d12	21.522	240	868862	20.000	ng	0.00
86) Perylene-d12	24.810	264	1034556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	814686	86.180	ng	0.02
7) Phenol-d6	6.881	99	1069723	88.663	ng	0.03
23) Nitrobenzene-d5	8.810	82	624283	48.048	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	568408	79.523	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1431667	44.487	ng	0.00
79) Terphenyl-d14	19.816	244	2351020	46.397	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	153070	34.483	ng	99
3) Pyridine	3.623	79	380136	38.620	ng	99
4) n-Nitrosodimethylamine	3.528	42	175477	40.382	ng	98
6) Aniline	7.005	93	438306	28.138	ng	99
8) 2-Chlorophenol	7.246	128	508167	47.353	ng	98
9) Benzaldehyde	6.816	77	286754	36.716	ng	99
10) Phenol	6.905	94	601570	48.309	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	425967	41.630	ng	99
12) 1,3-Dichlorobenzene	7.552	146	531460	43.045	ng	98
13) 1,4-Dichlorobenzene	7.693	146	534895	43.074	ng	99
14) 1,2-Dichlorobenzene	8.005	146	514799	42.544	ng	100
15) Benzyl Alcohol	7.911	79	421491	45.972	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	496334	40.504	ng	99
17) 2-Methylphenol	8.134	107	410939	46.010	ng	99
18) Hexachloroethane	8.722	117	198653	41.746	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	332308	39.817	ng	98
20) 3+4-Methylphenols	8.463	107	549411	45.222	ng	# 81
22) Acetophenone	8.475	105	707207	43.126	ng	96
24) Nitrobenzene	8.852	77	495139	43.304	ng	97
25) Isophorone	9.375	82	942332	41.811	ng	100
26) 2-Nitrophenol	9.558	139	274024	48.908	ng	98
27) 2,4-Dimethylphenol	9.640	122	463884	46.959	ng	99
28) bis(2-Chloroethoxy)met...	9.852	93	581402	43.178	ng	98
29) 2,4-Dichlorophenol	10.122	162	462313	48.295	ng	96
30) 1,2,4-Trichlorobenzene	10.299	180	476268	44.151	ng	97
31) Naphthalene	10.481	128	1488491	43.753	ng	99
32) Benzoic acid	9.822	122	193325	31.206	ng	99
33) 4-Chloroaniline	10.605	127	301288	21.947	ng	98
34) Hexachlorobutadiene	10.763	225	302035	43.221	ng	97
35) Caprolactam	11.404	113	168583	48.675	ng	95
36) 4-Chloro-3-methylphenol	11.769	107	537891	46.077	ng	99
37) 2-Methylnaphthalene	12.099	142	944555	42.879	ng	98
38) 1-Methylnaphthalene	12.316	142	1001100	42.474	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	535414	43.731	ng	99
41) Hexachlorocyclopentadiene	12.446	237	332686	44.813	ng	97
43) 2,4,6-Trichlorophenol	12.728	196	378689	47.753	ng	97

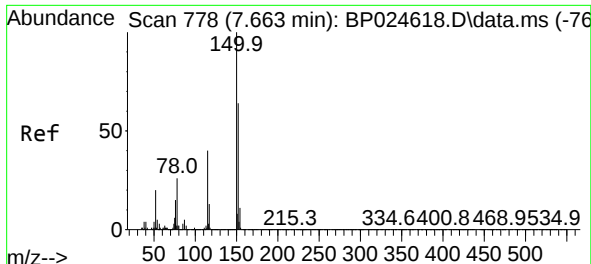
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	414520	46.959	ng	98
46) 1,1'-Biphenyl	13.122	154	1370829	43.990	ng	99
47) 2-Chloronaphthalene	13.163	162	1049570	44.173	ng	99
48) 2-Nitroaniline	13.381	65	321870	45.756	ng	97
49) Acenaphthylene	14.016	152	1761192	44.293	ng	100
50) Dimethylphthalate	13.757	163	1397783	43.496	ng	99
51) 2,6-Dinitrotoluene	13.875	165	308247	45.418	ng	98
52) Acenaphthene	14.363	154	1005743	43.998	ng	100
53) 3-Nitroaniline	14.222	138	223158	32.202	ng	98
54) 2,4-Dinitrophenol	14.434	184	354377	82.579	ng	98
55) Dibenzofuran	14.704	168	1588439	43.565	ng	98
56) 4-Nitrophenol	14.610	139	487767	81.231	ng	96
57) 2,4-Dinitrotoluene	14.681	165	446807	46.696	ng	98
58) Fluorene	15.363	166	1298531	43.677	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.951	232	349997	42.742	ng	97
60) Diethylphthalate	15.140	149	1423139	43.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	642628	43.343	ng	97
62) 4-Nitroaniline	15.404	138	293277	43.829	ng	95
63) Azobenzene	15.657	77	1319515	47.489	ng	95
65) 4,6-Dinitro-2-methylph...	15.457	198	248611	46.156	ng	97
66) n-Nitrosodiphenylamine	15.581	169	1153897	45.050	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	437271	44.501	ng	94
68) Hexachlorobenzene	16.387	284	541147	43.341	ng	97
69) Atrazine	16.557	200	428509	45.651	ng	99
70) Pentachlorophenol	16.757	266	602290	85.933	ng	98
71) Phenanthrene	17.139	178	2082937	44.933	ng	100
72) Anthracene	17.234	178	2082876	44.659	ng	99
73) Carbazole	17.522	167	1948173	46.150	ng	100
74) Di-n-butylphthalate	18.098	149	2500574	46.059	ng	100
75) Fluoranthene	19.222	202	2422832	44.712	ng	100
77) Benzidine	19.433	184	779576	32.943	ng	99
78) Pyrene	19.598	202	2489832	47.826	ng	100
80) Butylbenzylphthalate	20.545	149	1152667	49.784	ng	94
81) Benzo(a)anthracene	21.504	228	2493936	45.712	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	868357	42.853	ng	100
83) Chrysene	21.575	228	2340301	45.251	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	1649765	48.478	ng	99
85) Di-n-octyl phthalate	22.692	149	2775104	49.867	ng	99
87) Indeno(1,2,3-cd)pyrene	28.545	276	3566229m	47.217	ng	
88) Benzo(b)fluoranthene	23.774	252	2700432	45.603	ng	99
89) Benzo(k)fluoranthene	23.845	252	2690483	44.093	ng	100
90) Benzo(a)pyrene	24.663	252	2606948	45.839	ng	99
91) Dibenzo(a,h)anthracene	28.621	278	2927881	47.650	ng	99
92) Benzo(g,h,i)perylene	29.704	276	2891263	47.317	ng	99

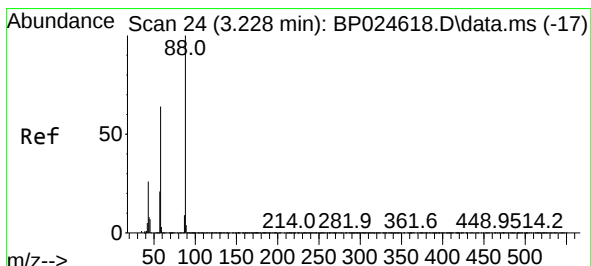
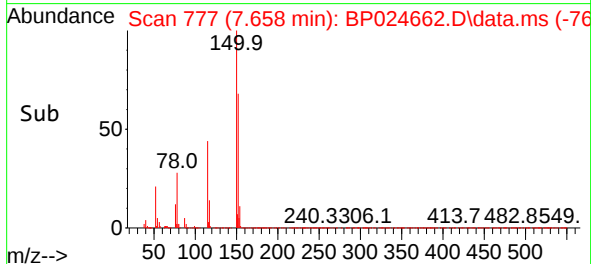
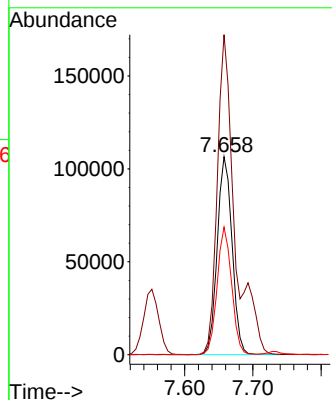
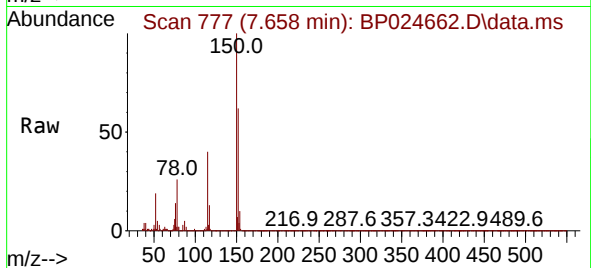
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024662.D
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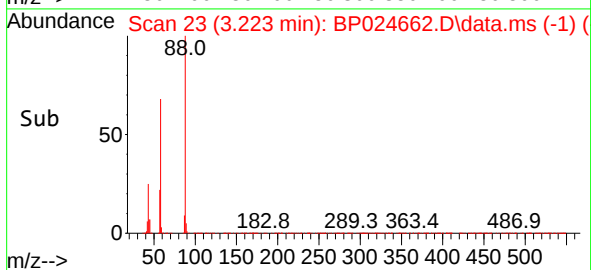
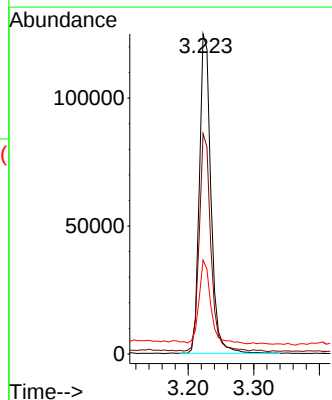
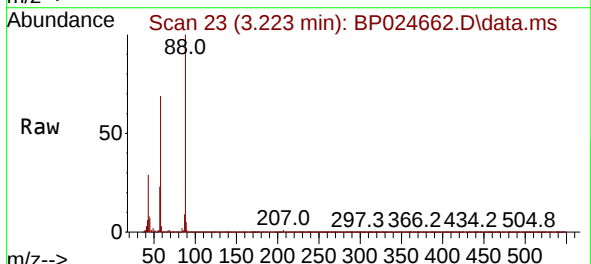
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OR-636-COMP-05MS

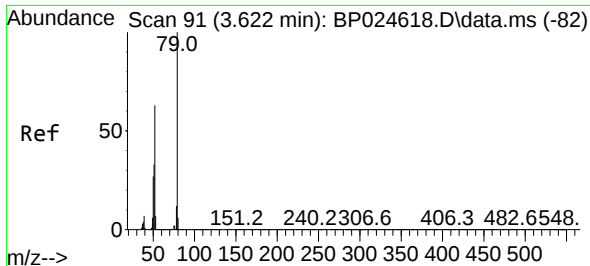
Tgt Ion:152 Resp: 161687
Ion Ratio Lower Upper
152 100
150 161.7 125.9 188.9
115 64.4 50.1 75.1



#2
1,4-Dioxane
Concen: 34.483 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 88 Resp: 153070
Ion Ratio Lower Upper
88 100
58 68.4 54.0 81.0
43 26.5 21.4 32.0

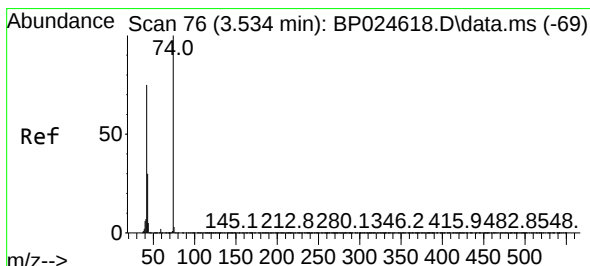
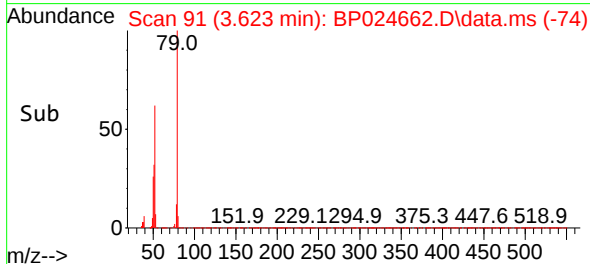
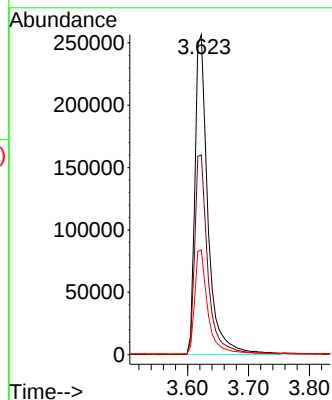
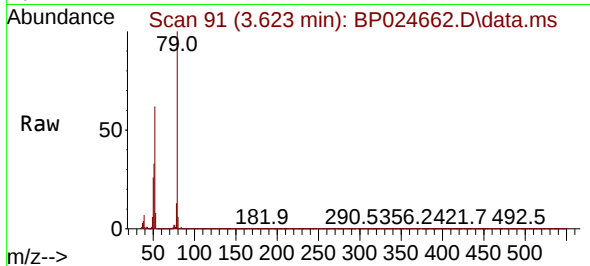




#3
 Pyridine
 Concen: 38.620 ng
 RT: 3.623 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP024662.D
 Acq: 16 May 2025 18:20

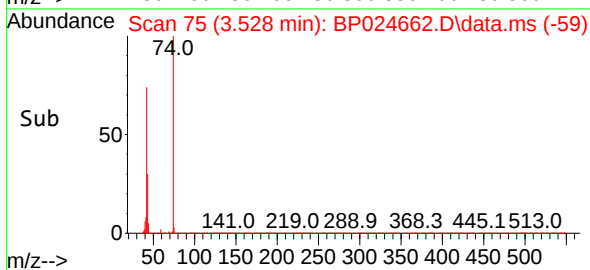
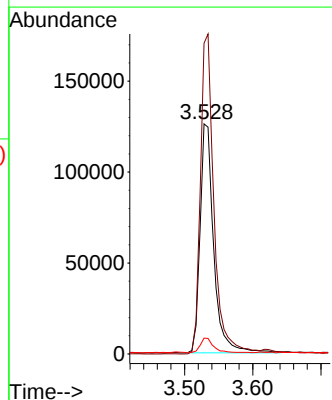
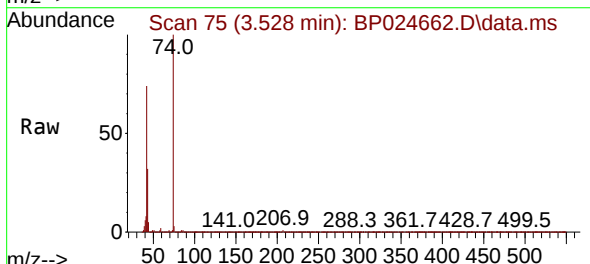
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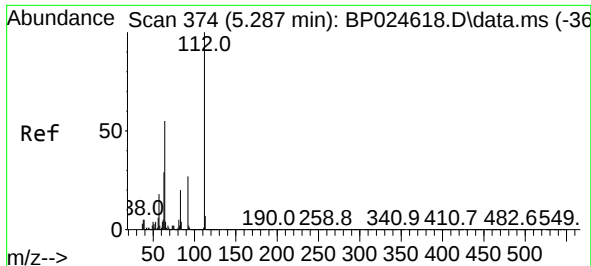
Tgt Ion: 79 Resp: 380136
 Ion Ratio Lower Upper
 79 100
 52 62.4 50.2 75.2
 51 32.7 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 40.382 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BP024662.D
 Acq: 16 May 2025 18:20

Tgt Ion: 42 Resp: 175477
 Ion Ratio Lower Upper
 42 100
 74 135.0 106.2 159.2
 44 6.9 5.4 8.2

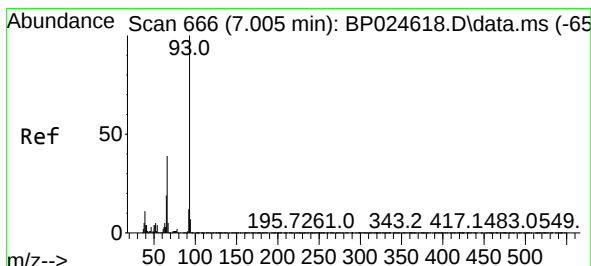
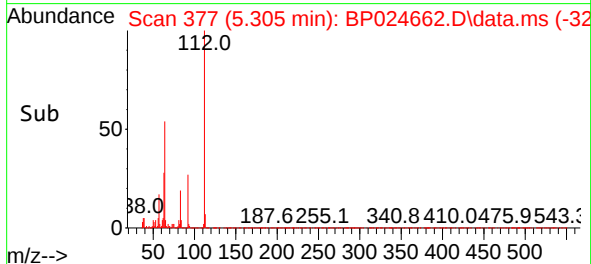
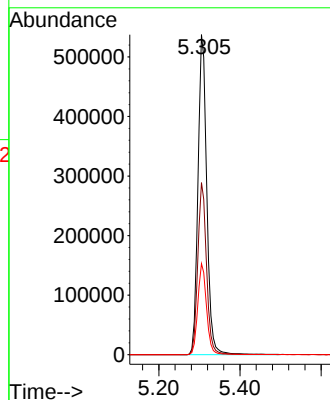
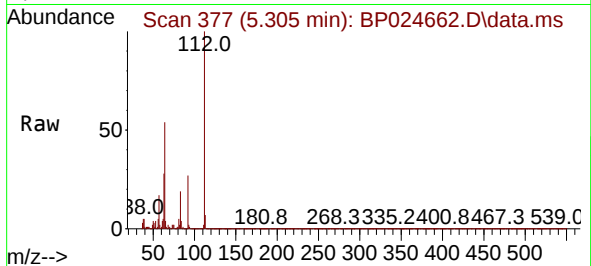




#5
2-Fluorophenol
Concen: 86.180 ng
RT: 5.305 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

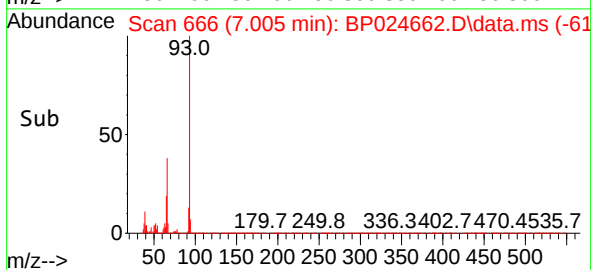
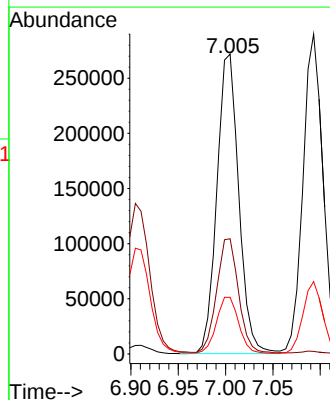
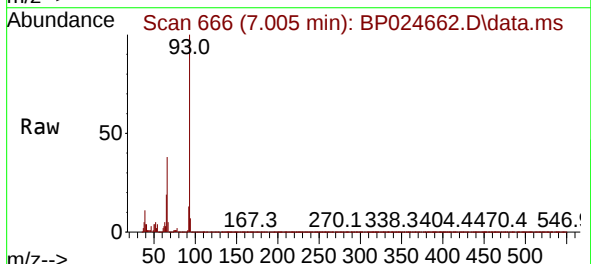
Instrument :
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Tgt Ion:112 Resp: 814686
Ion Ratio Lower Upper
112 100
64 53.7 44.1 66.1
63 28.4 23.5 35.3



#6
Aniline
Concen: 28.138 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 93 Resp: 438306
Ion Ratio Lower Upper
93 100
66 38.4 31.0 46.6
65 18.9 15.5 23.3

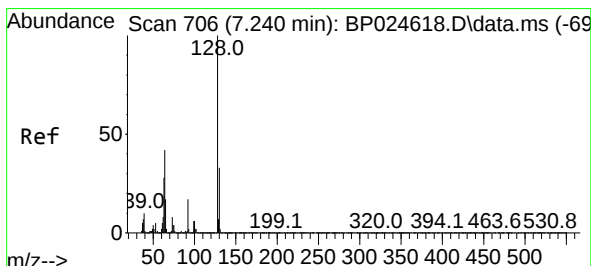
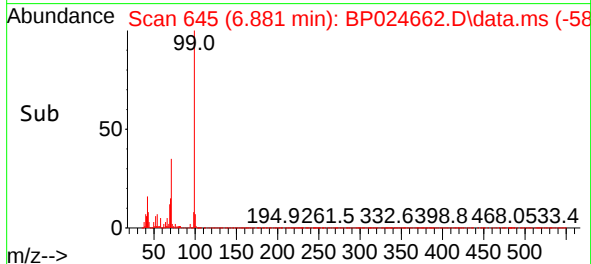
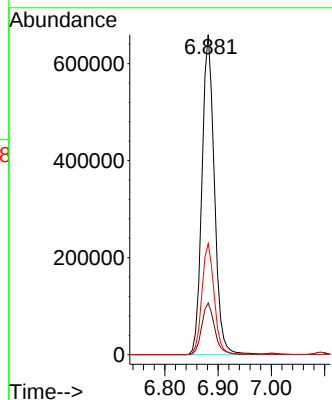
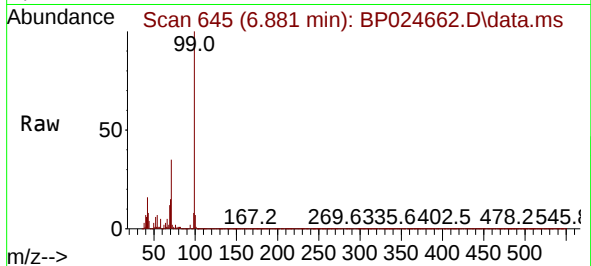




#7
Phenol-d6
Concen: 88.663 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.030 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

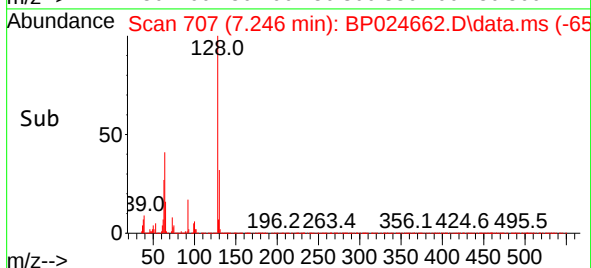
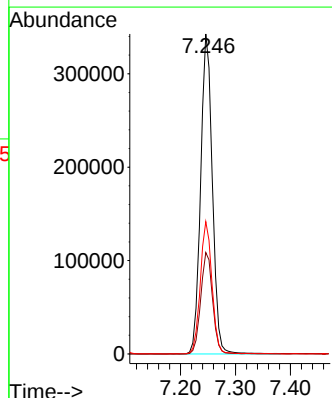
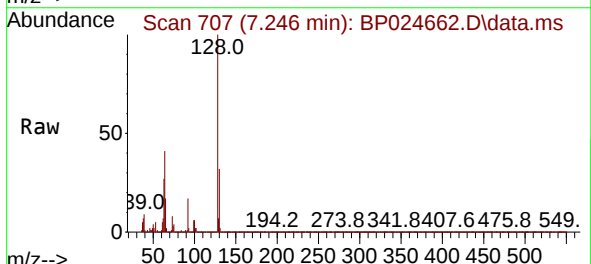
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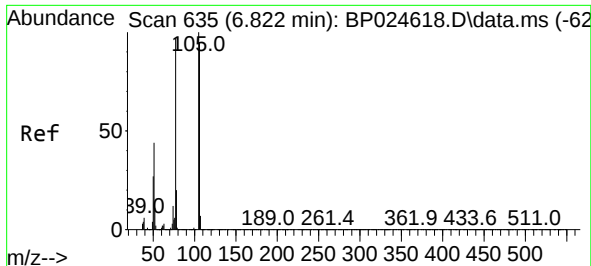
Tgt Ion: 99 Resp: 1069723
Ion Ratio Lower Upper
99 100
42 16.2 14.4 21.6
71 34.7 29.2 43.8



#8
2-Chlorophenol
Concen: 47.353 ng
RT: 7.246 min Scan# 707
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 128 Resp: 508167
Ion Ratio Lower Upper
128 100
130 31.7 13.0 53.0
64 41.4 22.3 62.3

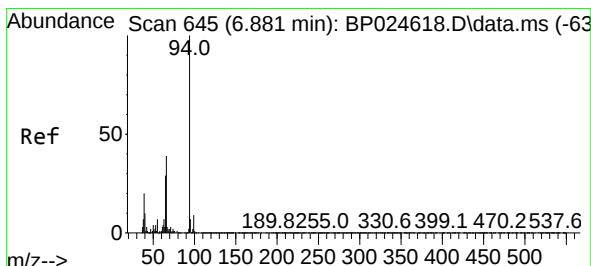
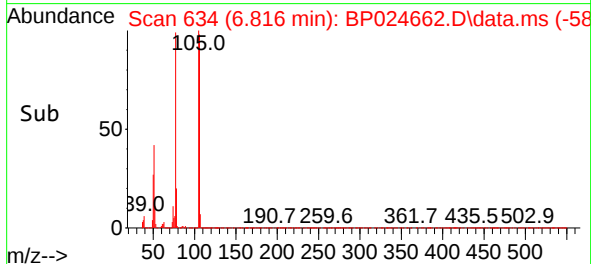
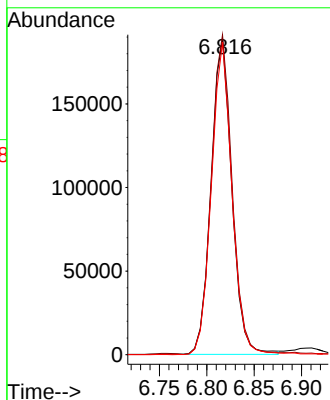
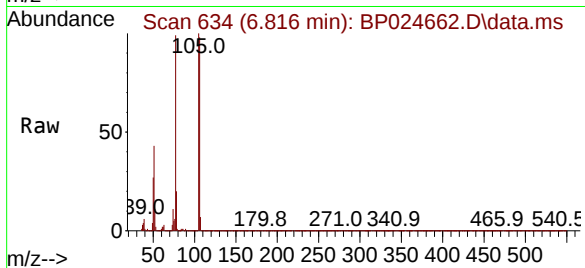




#9
Benzaldehyde
Concen: 36.716 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

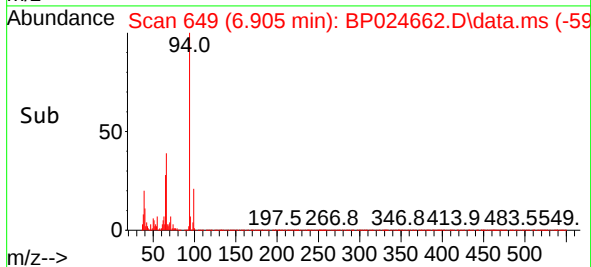
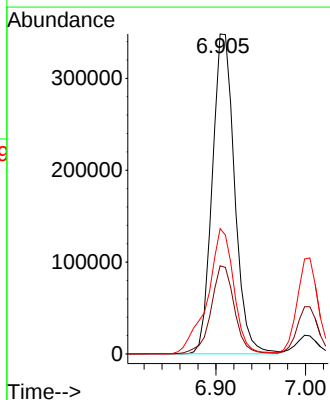
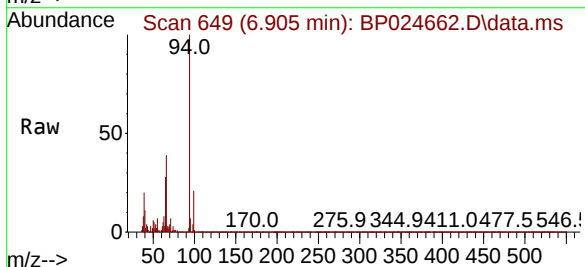
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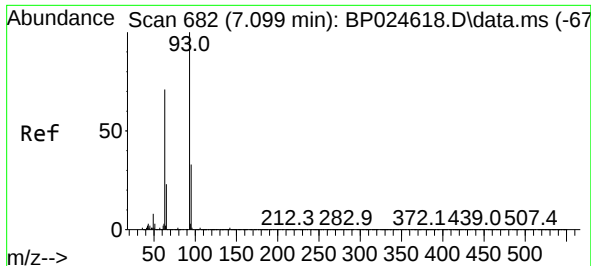
Tgt Ion: 77 Resp: 286754
Ion Ratio Lower Upper
77 100
105 101.2 83.3 123.3
106 98.8 78.0 118.0



#10
Phenol
Concen: 48.309 ng
RT: 6.905 min Scan# 649
Delta R.T. 0.024 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 94 Resp: 601570
Ion Ratio Lower Upper
94 100
65 27.5 8.7 48.7
66 39.2 19.4 59.4

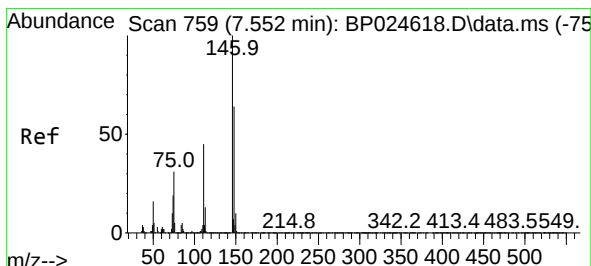
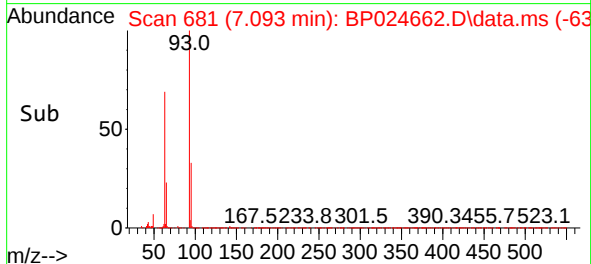
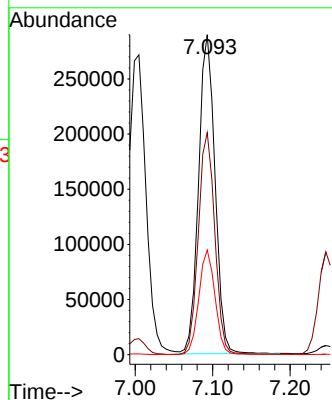
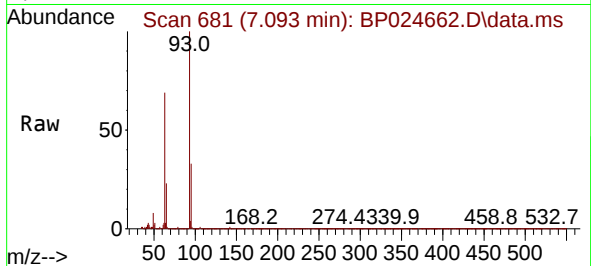




#11
bis(2-Chloroethyl)ether
Concen: 41.630 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

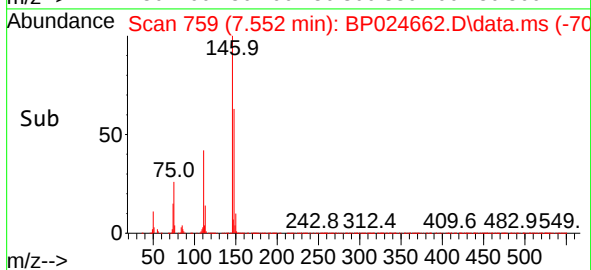
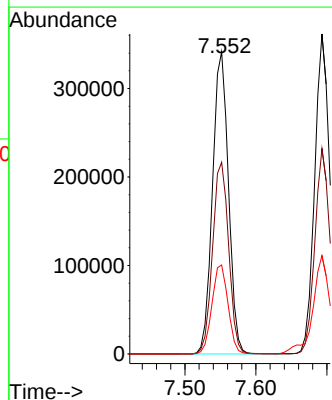
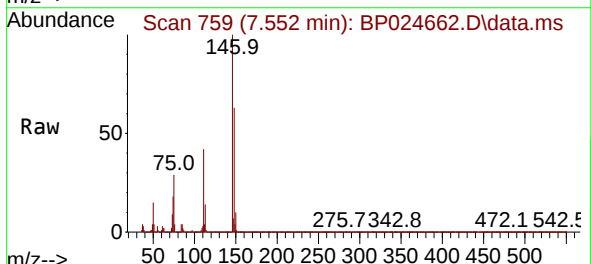
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

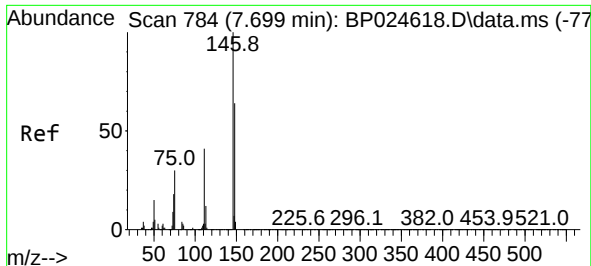
Tgt Ion: 93 Resp: 425967
Ion Ratio Lower Upper
93 100
63 69.4 50.6 90.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.045 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 146 Resp: 531460
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 29.4 25.2 37.8

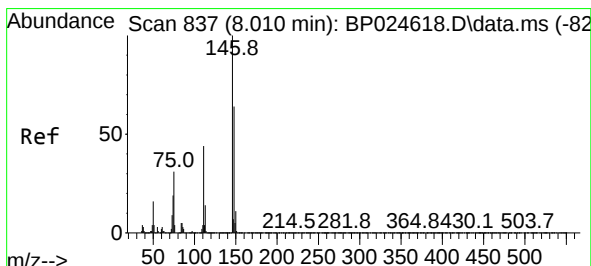
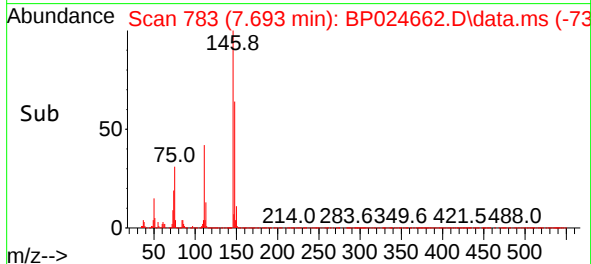
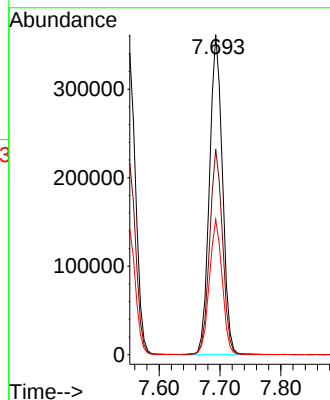
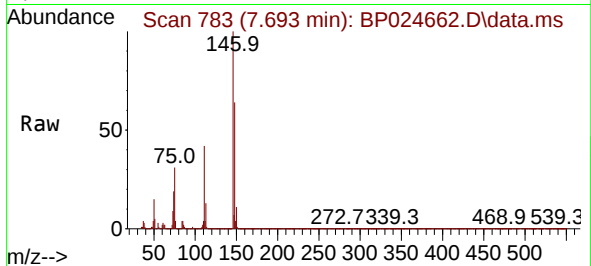




#13
1,4-Dichlorobenzene
Concen: 43.074 ng
RT: 7.693 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

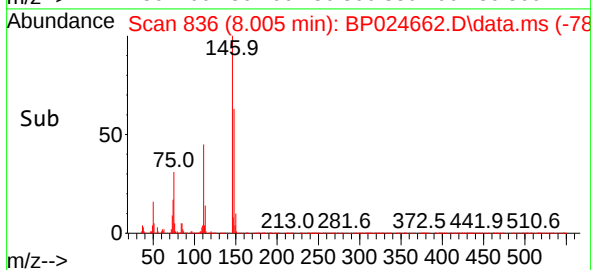
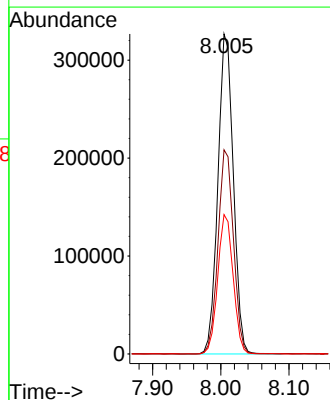
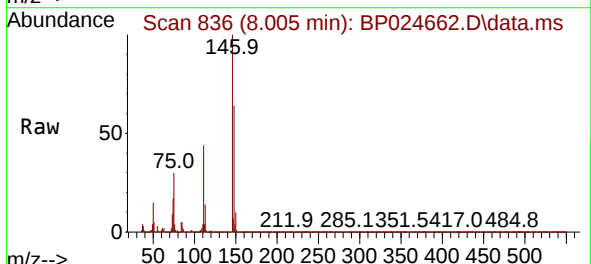
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

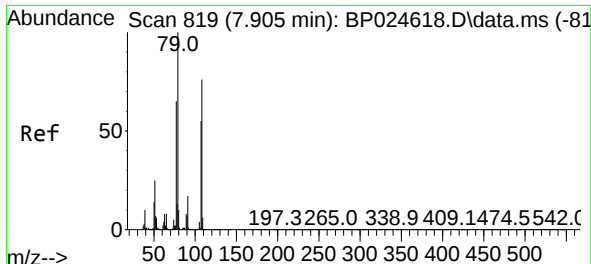
Tgt Ion:146 Resp: 534895
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 42.3 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 42.544 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:146 Resp: 514799
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
111 43.5 35.2 52.8

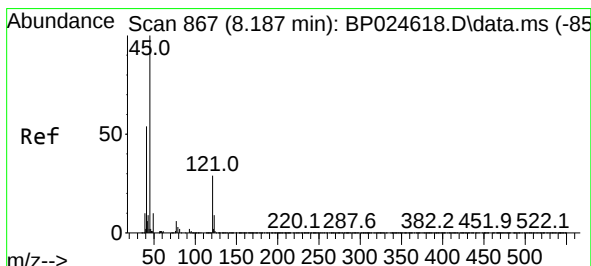
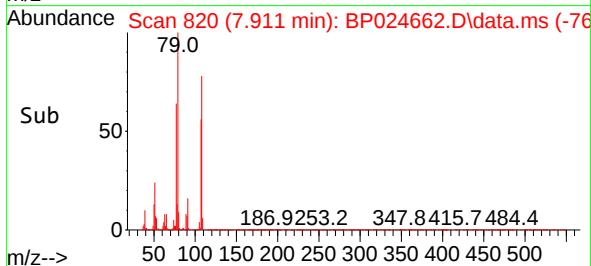
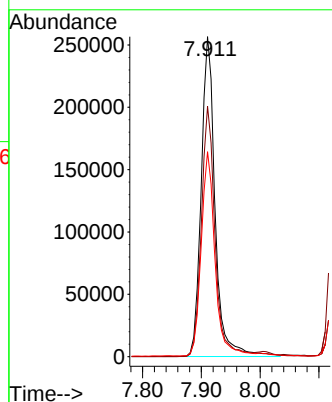
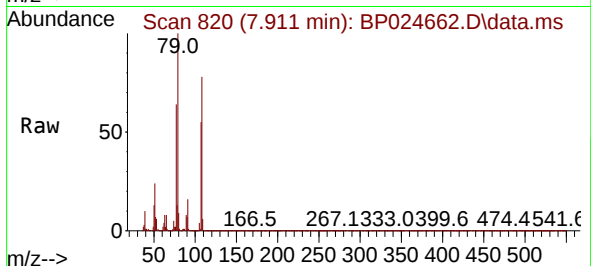




#15
Benzyl Alcohol
Concen: 45.972 ng
RT: 7.911 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

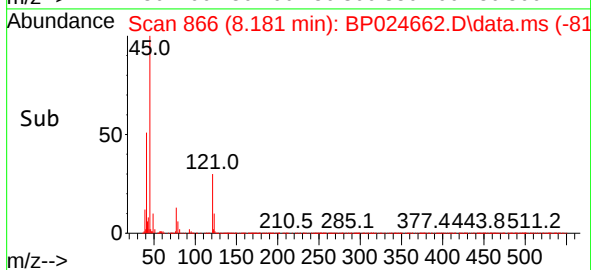
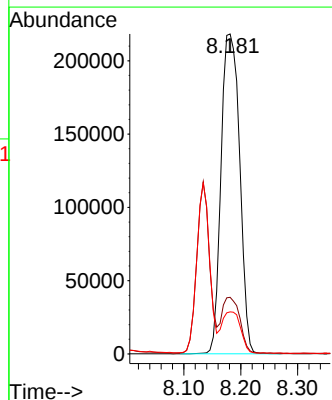
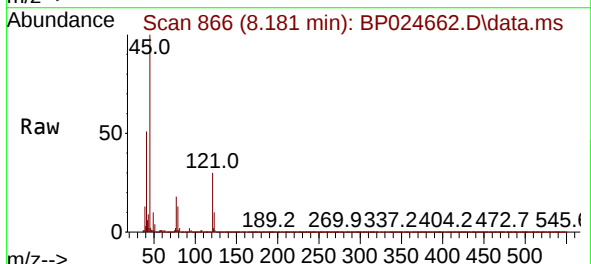
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

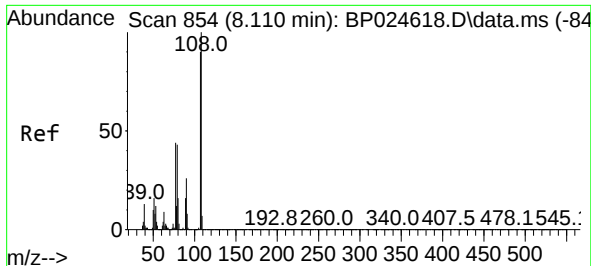
Tgt Ion: 79 Resp: 421491
Ion Ratio Lower Upper
79 100
108 78.2 60.8 91.2
77 64.1 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.504 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 45 Resp: 496334
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 13.2 0.0 34.0

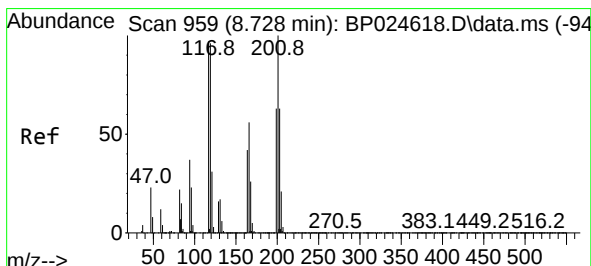
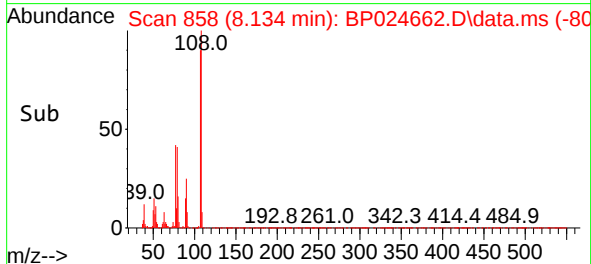
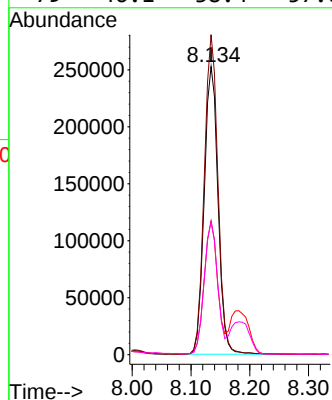
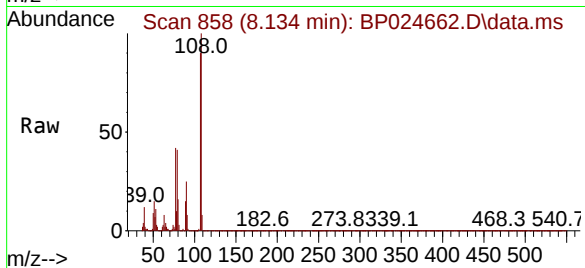




#17
2-Methylphenol
Concen: 46.010 ng
RT: 8.134 min Scan# 81
Delta R.T. 0.024 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

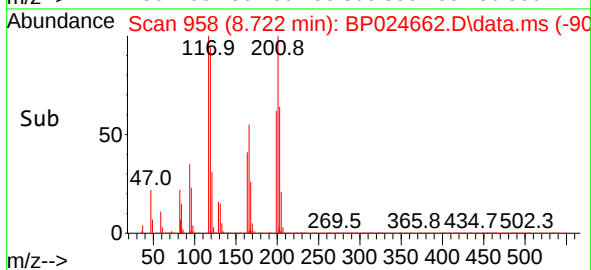
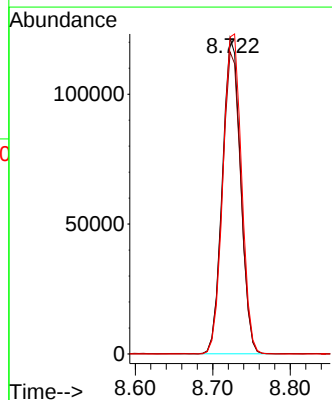
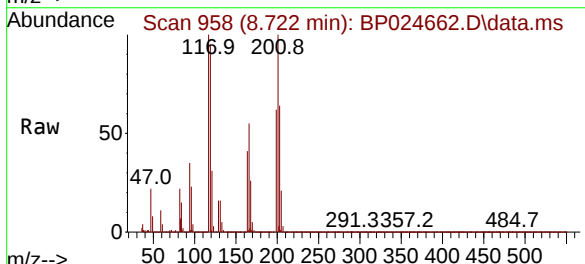
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

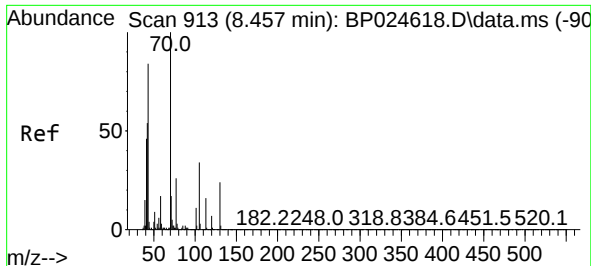
Tgt Ion:	107	Resp:	410939
Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	46.4	39.0	58.6
79	46.1	38.4	57.6



#18
Hexachloroethane
Concen: 41.746 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:	117	Resp:	198653
Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.4	119.0
201	100.2	82.7	124.1

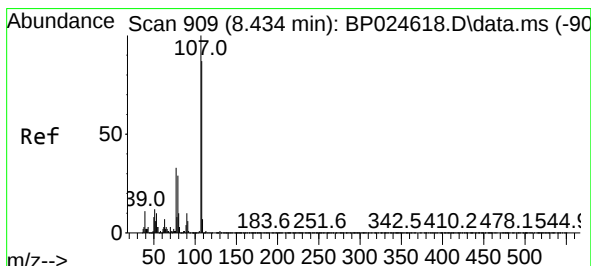
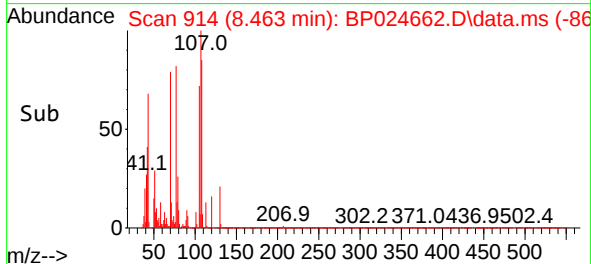
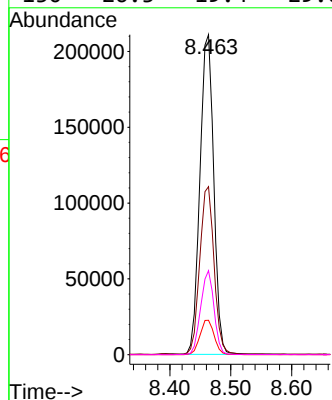
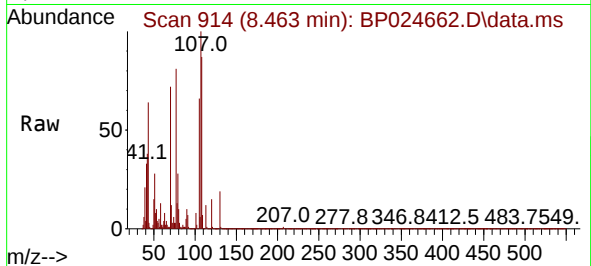




#19
n-Nitroso-di-n-propylamine
Concen: 39.817 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

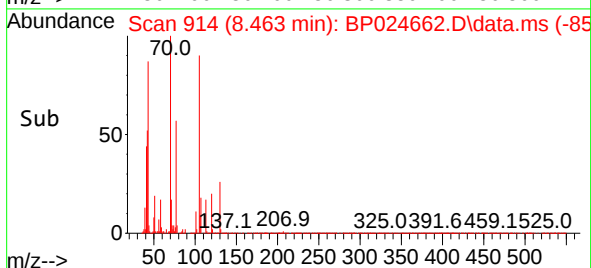
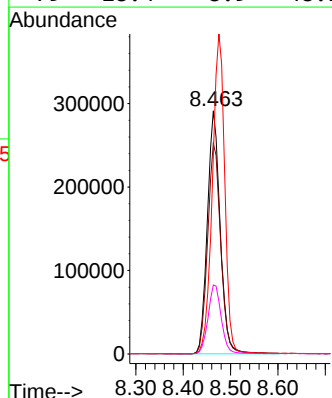
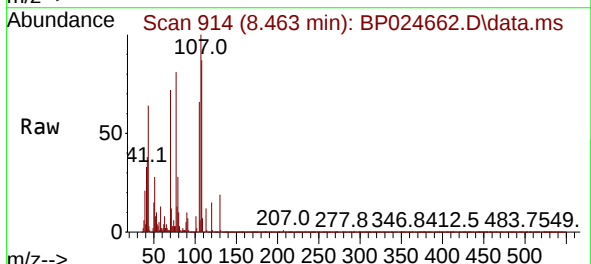
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

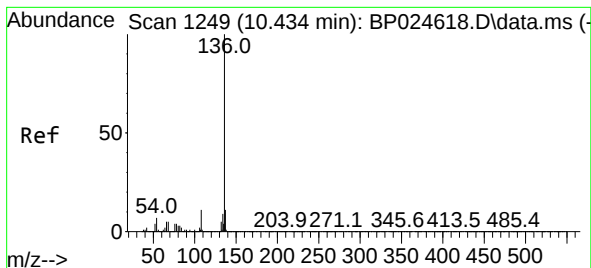
Tgt Ion: 70 Resp: 332308
Ion Ratio Lower Upper
70 100
42 52.5 43.0 64.6
101 10.7 8.7 13.1
130 26.3 19.4 29.0



#20
3+4-Methylphenols
Concen: 45.222 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.030 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 107 Resp: 549411
Ion Ratio Lower Upper
107 100
108 86.6 66.7 106.7
77 81.3 13.1 53.1#
79 28.4 8.9 48.9

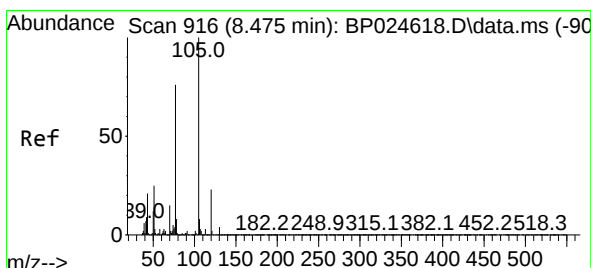
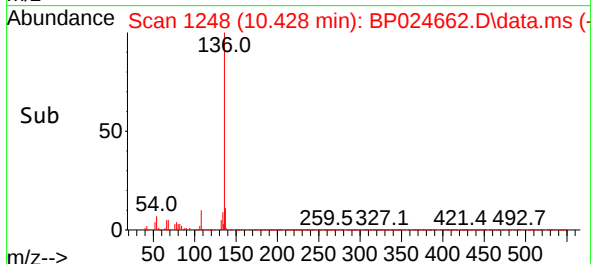
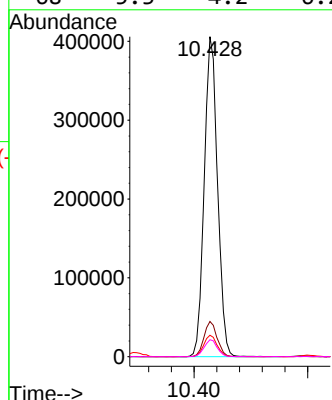
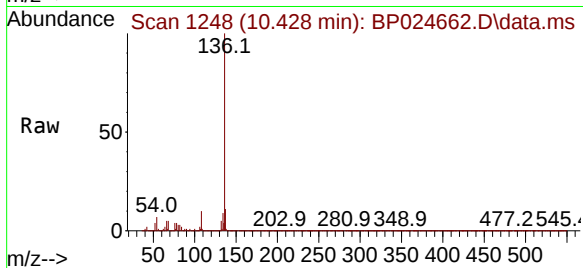




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

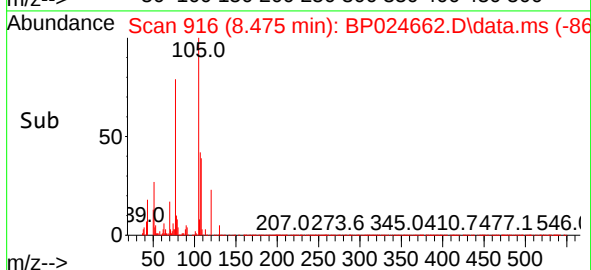
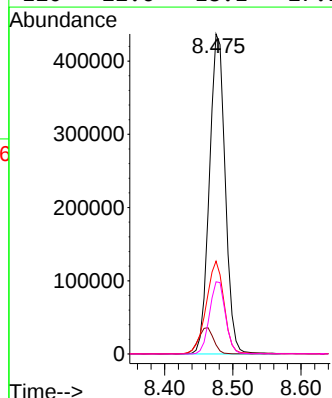
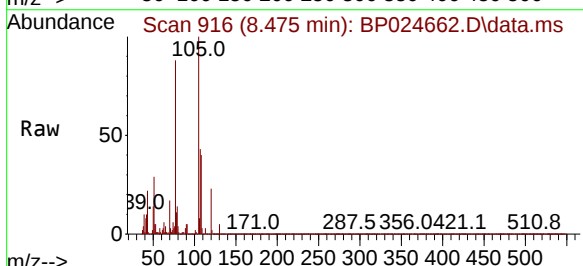
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

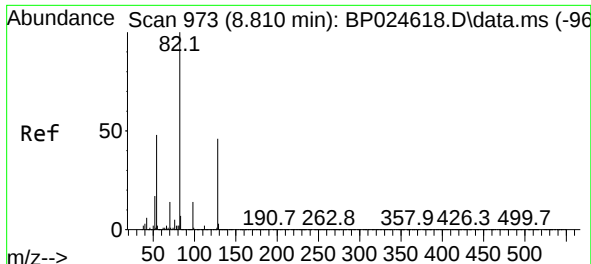
Tgt Ion:	136	Resp:	656491
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.5	8.3
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 43.126 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:	105	Resp:	707207
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	29.0	20.4	30.6
120	22.6	18.1	27.1

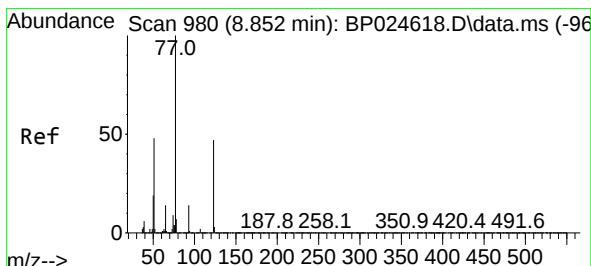
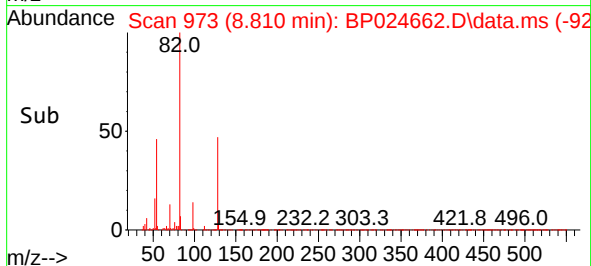
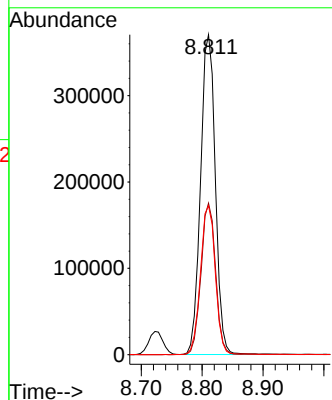
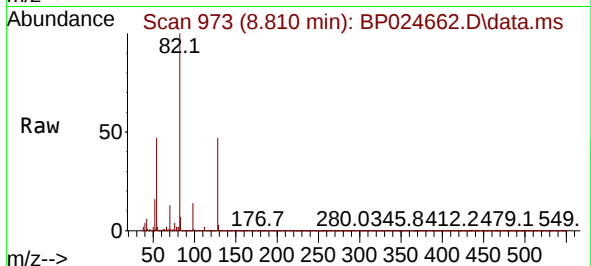




#23
Nitrobenzene-d5
Concen: 48.048 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

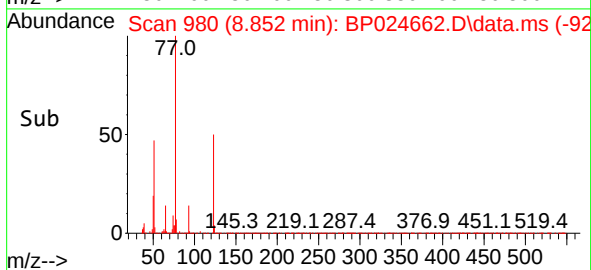
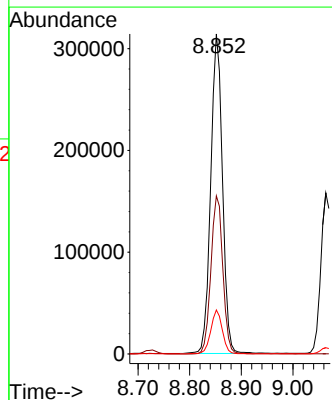
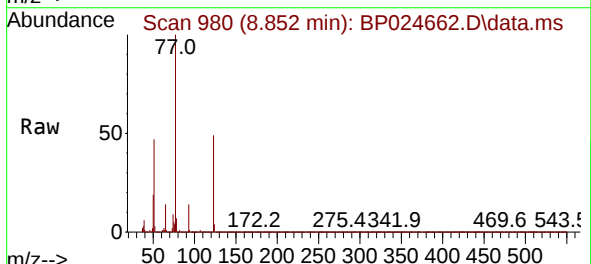
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

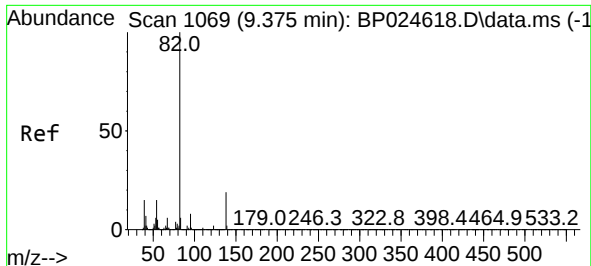
Tgt Ion: 82 Resp: 624283
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.4
54 46.5 38.7 58.1



#24
Nitrobenzene
Concen: 43.304 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 77 Resp: 495139
Ion Ratio Lower Upper
77 100
123 49.4 37.4 56.0
65 13.7 11.3 16.9

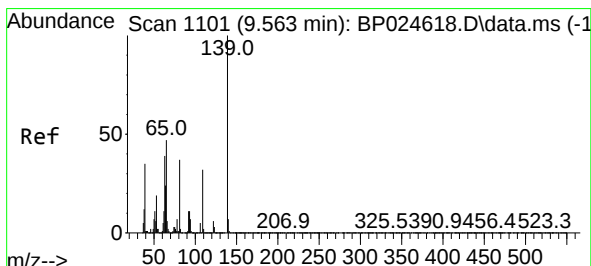
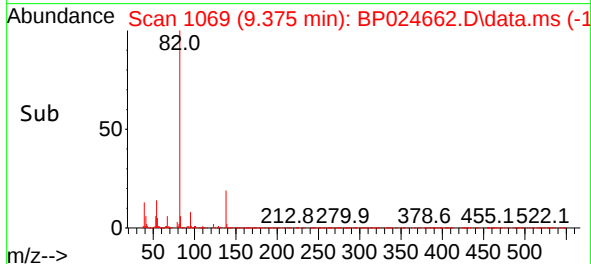
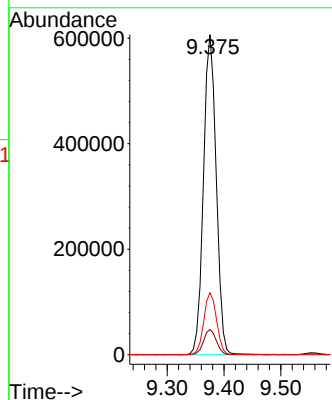
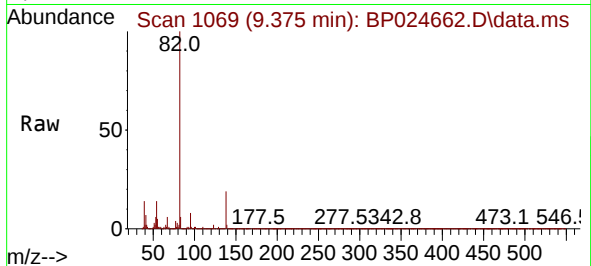




#25
Isophorone
Concen: 41.811 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

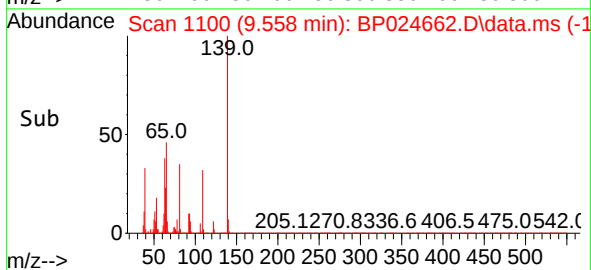
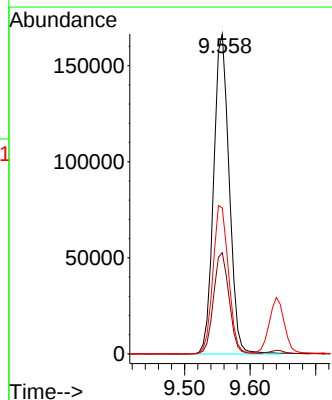
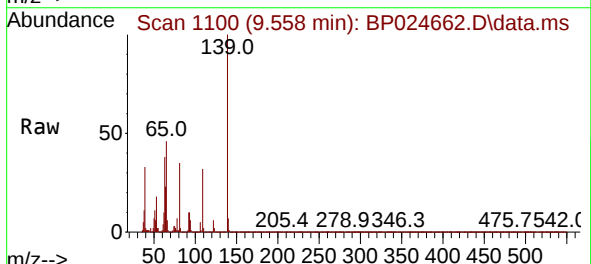
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

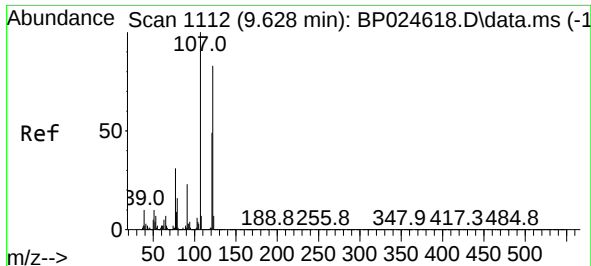
Tgt Ion: 82 Resp: 942332
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 48.908 ng
RT: 9.558 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion: 139 Resp: 274024
Ion Ratio Lower Upper
139 100
109 31.7 25.9 38.9
65 45.7 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 46.959 ng

RT: 9.640 min Scan# 1112

Delta R.T. 0.012 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

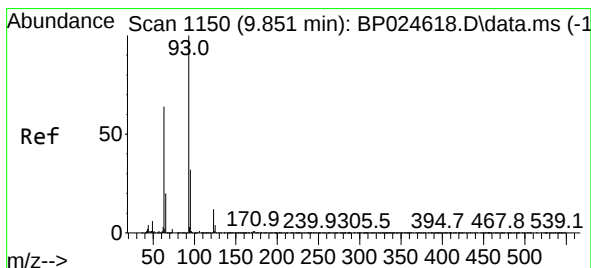
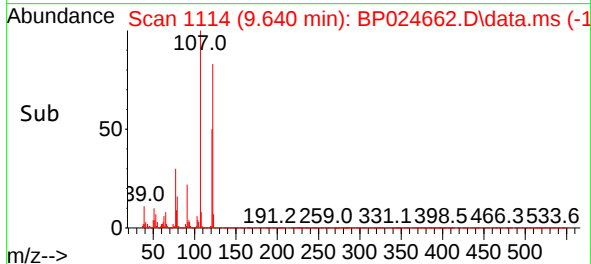
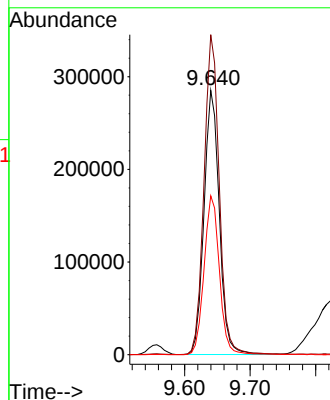
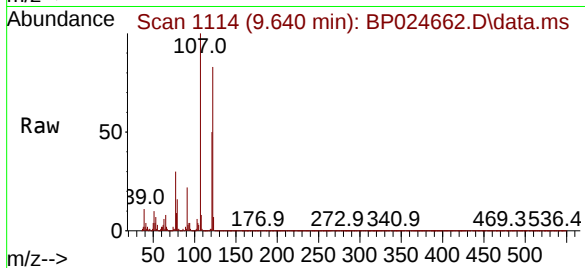
Tgt Ion:122 Resp: 463884

Ion Ratio Lower Upper

122 100

107 121.0 96.2 144.2

121 60.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.178 ng

RT: 9.852 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

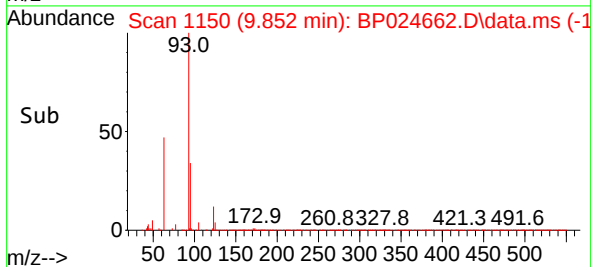
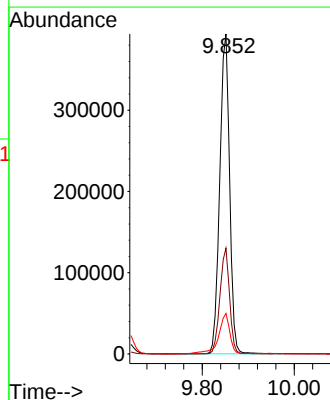
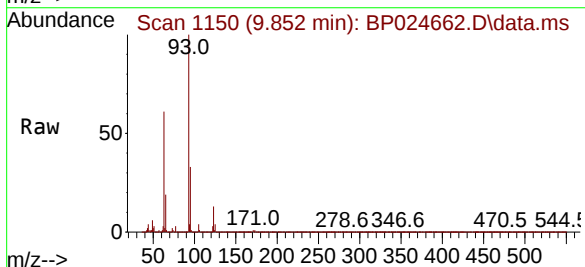
Tgt Ion: 93 Resp: 581402

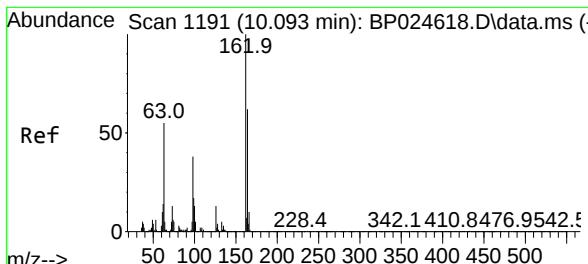
Ion Ratio Lower Upper

93 100

95 33.1 25.5 38.3

123 12.6 9.7 14.5



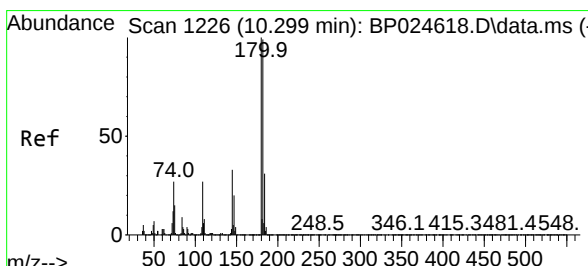
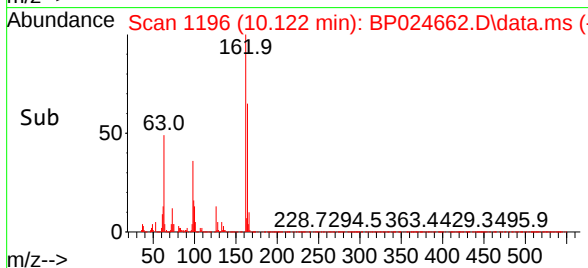
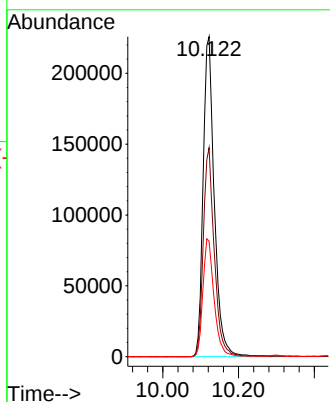
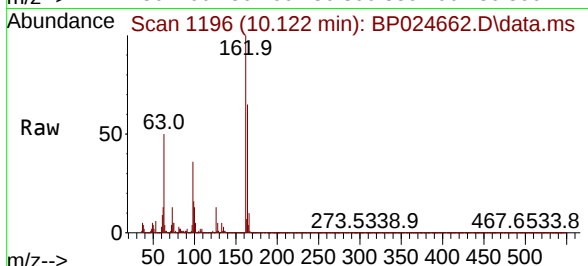


#29
2,4-Dichlorophenol
Concen: 48.295 ng
RT: 10.122 min Scan# 1191
Delta R.T. 0.030 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

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

Tgt Ion:162 Resp: 462313

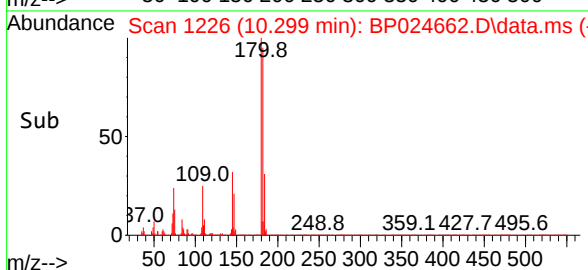
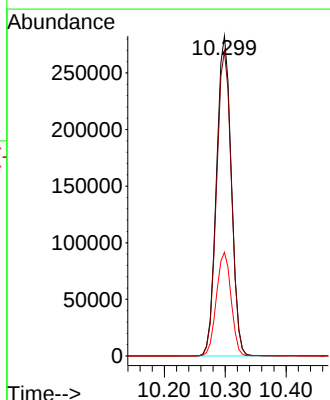
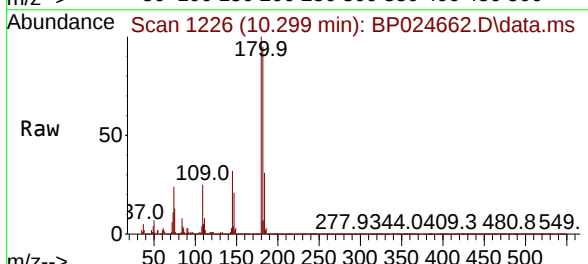
Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.3	82.3
98	36.1	18.4	58.4

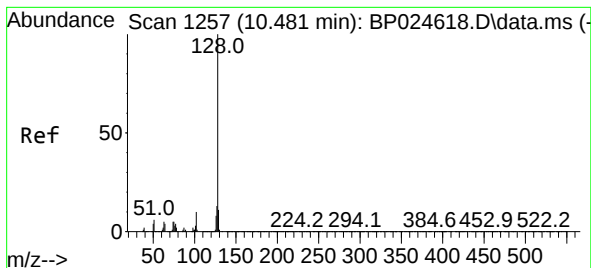


#30
1,2,4-Trichlorobenzene
Concen: 44.151 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:180 Resp: 476268

Ion	Ratio	Lower	Upper
180	100		
182	95.2	79.0	118.4
145	32.4	26.6	39.8

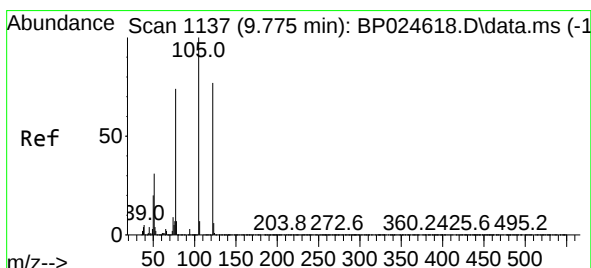
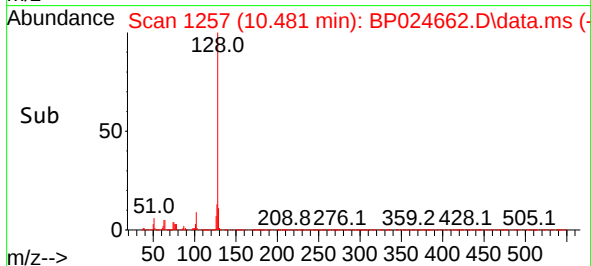
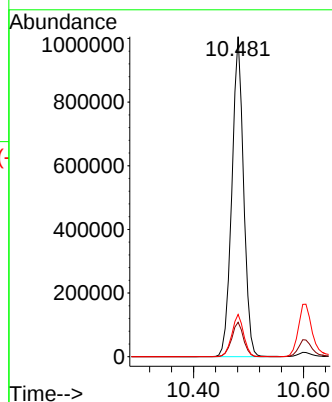
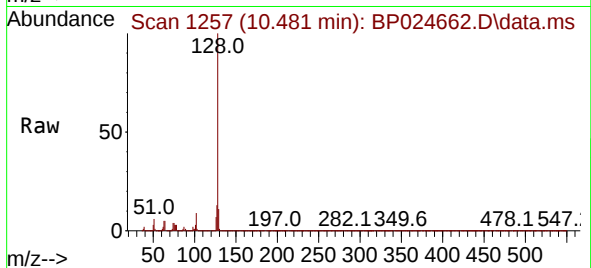




#31
Naphthalene
Concen: 43.753 ng
RT: 10.481 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

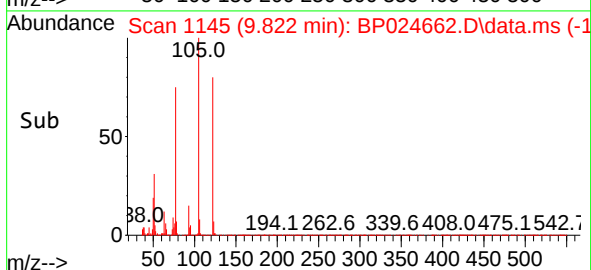
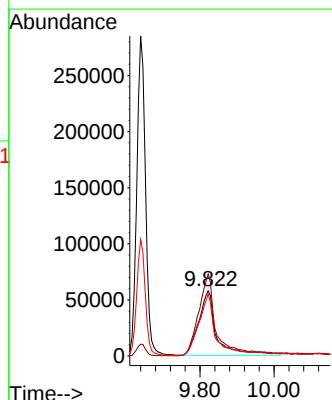
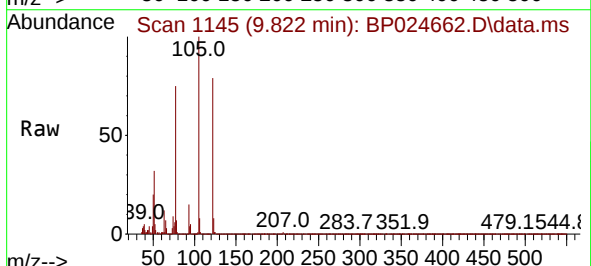
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

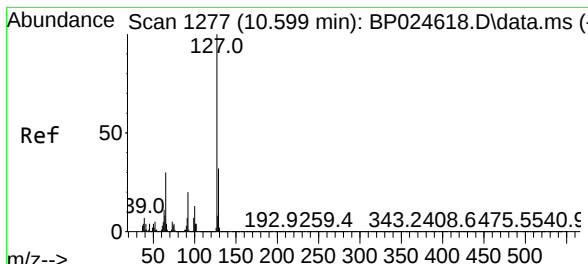
Tgt Ion:128 Resp: 1488491
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 31.206 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.047 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:122 Resp: 193325
Ion Ratio Lower Upper
122 100
105 125.8 106.9 146.9
77 94.9 75.1 115.1

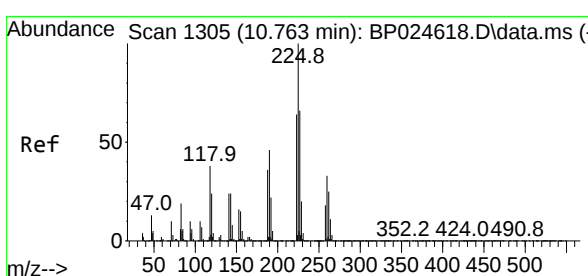
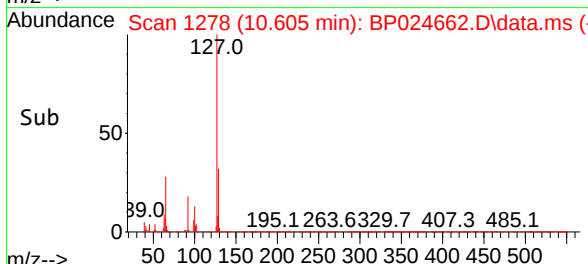
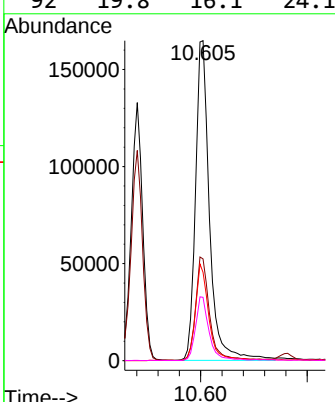
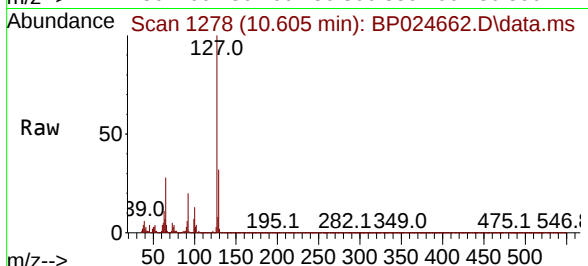




#33
 4-Chloroaniline
 Concen: 21.947 ng
 RT: 10.605 min Scan# 1278
 Delta R.T. 0.006 min
 Lab File: BP024662.D
 Acq: 16 May 2025 18:20

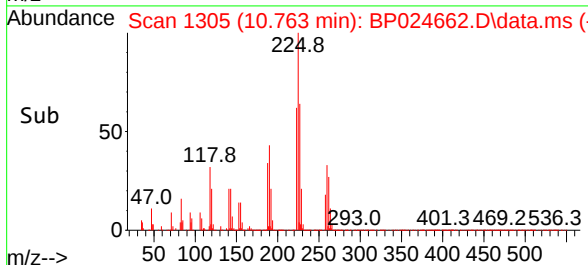
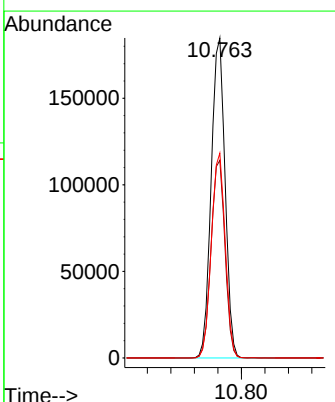
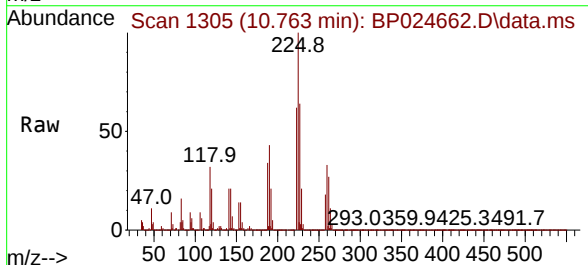
Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-05MS

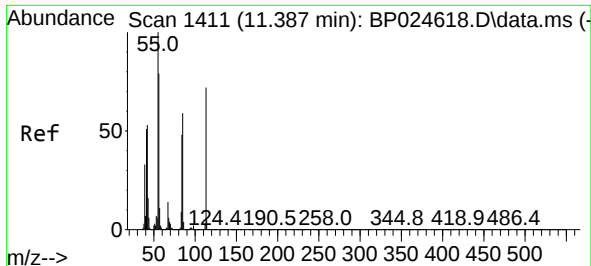
Tgt Ion:	127	Resp:	301288
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	27.6	23.9	35.9
92	19.8	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 43.221 ng
 RT: 10.763 min Scan# 1305
 Delta R.T. 0.000 min
 Lab File: BP024662.D
 Acq: 16 May 2025 18:20

Tgt Ion:	225	Resp:	302035
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	64.0	53.1	79.7

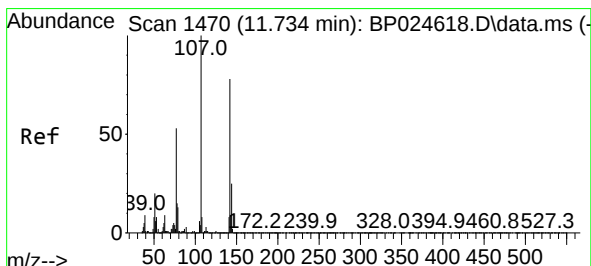
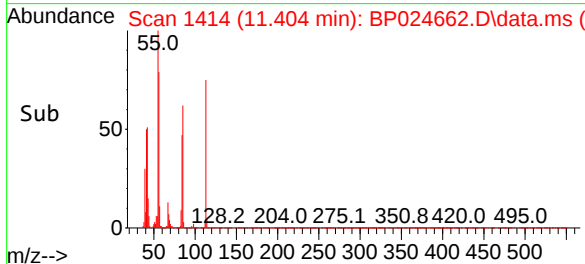
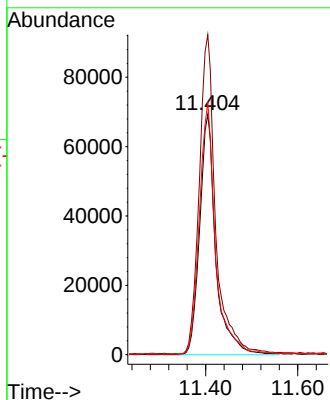
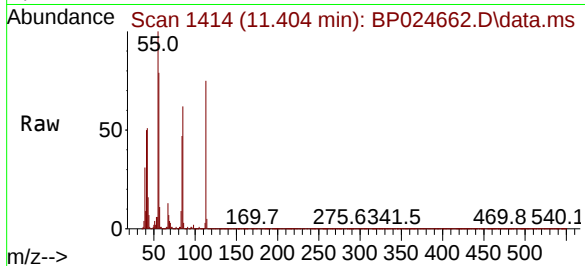




#35
Caprolactam
Concen: 48.675 ng
RT: 11.404 min Scan# 1411
Delta R.T. 0.018 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

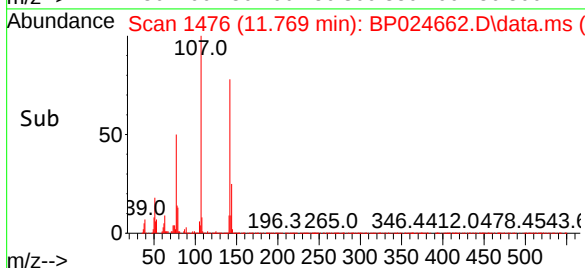
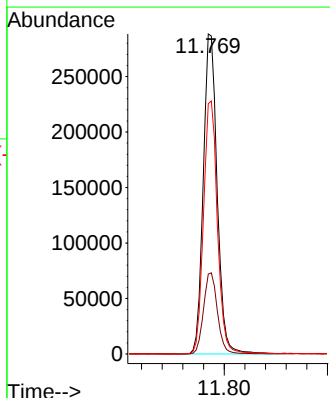
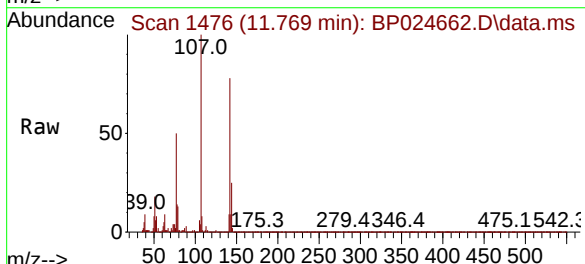
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

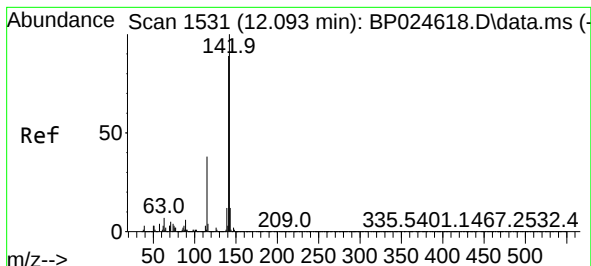
Tgt Ion	Ratio	Lower	Upper
113	100		
55	133.3	119.0	159.0
56	105.1	90.3	130.3



#36
4-Chloro-3-methylphenol
Concen: 46.077 ng
RT: 11.769 min Scan# 1476
Delta R.T. 0.035 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.1	30.1
142	78.2	62.1	93.1

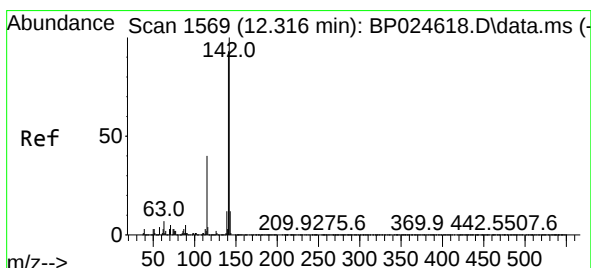
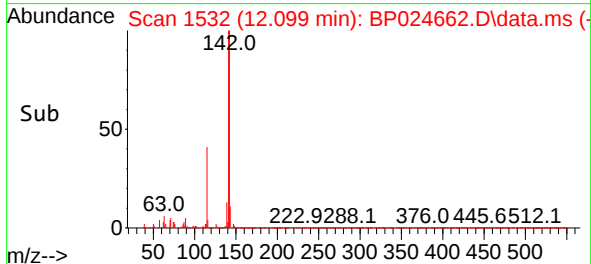
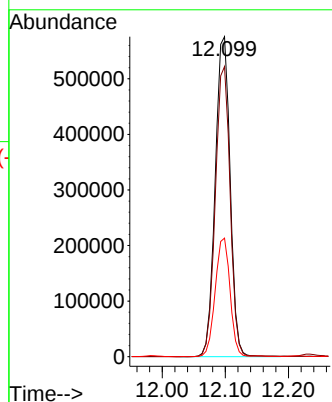
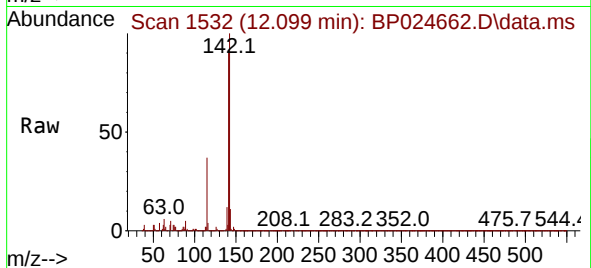




#37
2-Methylnaphthalene
Concen: 42.879 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

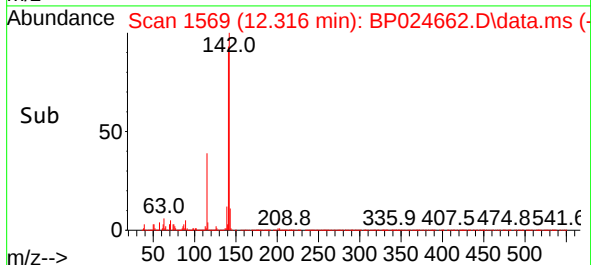
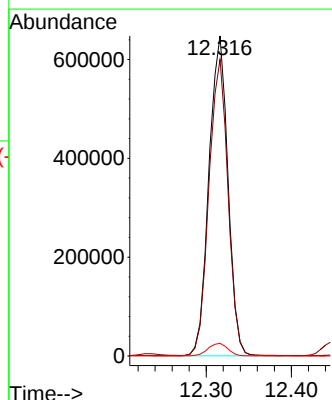
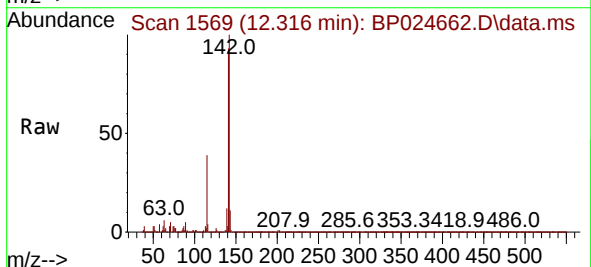
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

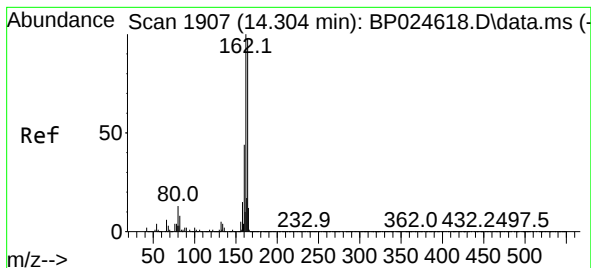
Tgt Ion:142 Resp: 944555
Ion Ratio Lower Upper
142 100
141 90.6 71.2 106.8
115 37.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 42.474 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:142 Resp: 1001100
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1
116 4.0 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: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

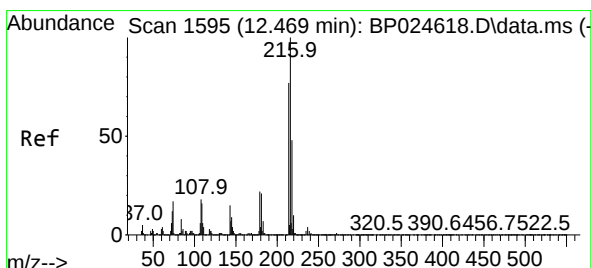
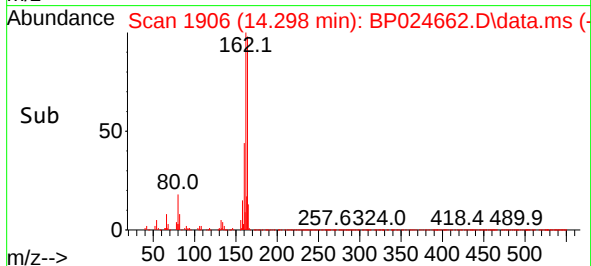
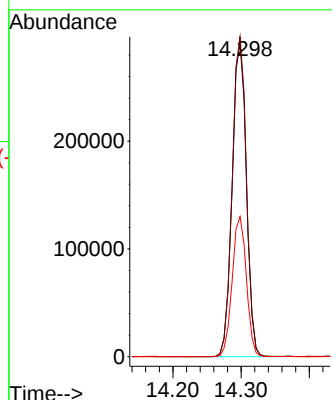
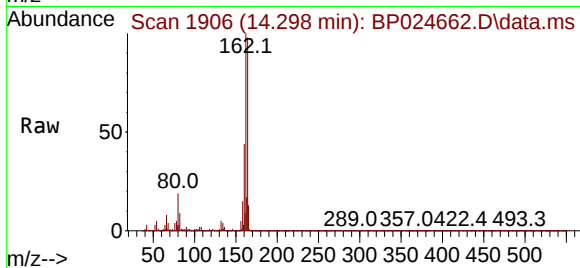
Tgt Ion:164 Resp: 421620

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

160 44.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.731 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Tgt Ion:216 Resp: 535414

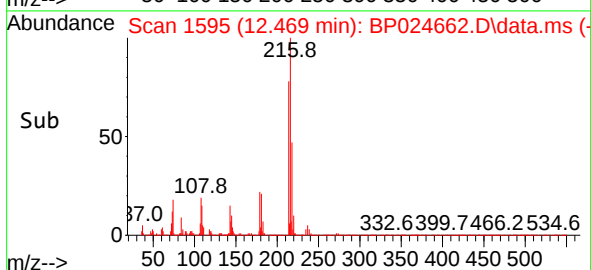
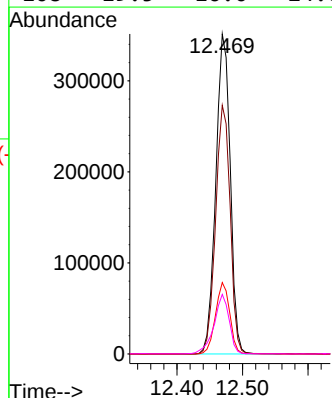
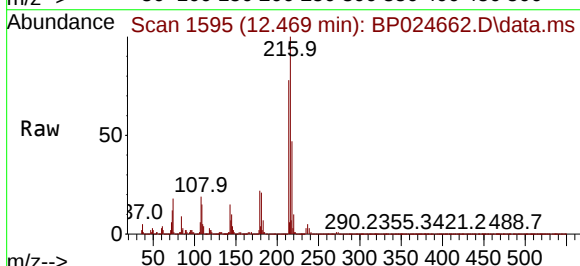
Ion Ratio Lower Upper

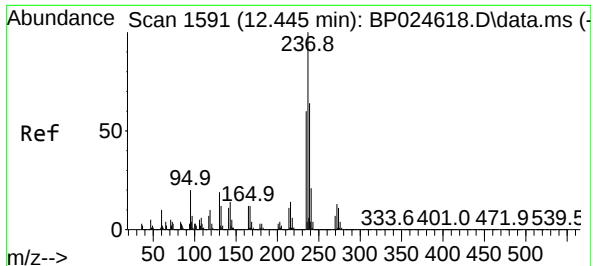
216 100

214 78.4 62.3 93.5

179 22.0 17.7 26.5

108 19.5 16.0 24.0

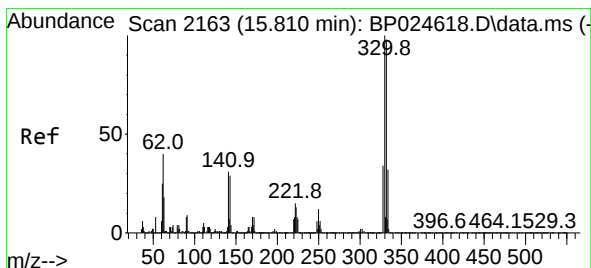
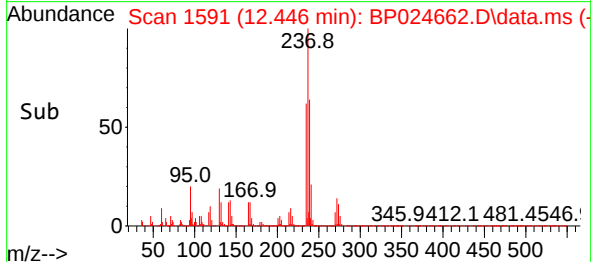
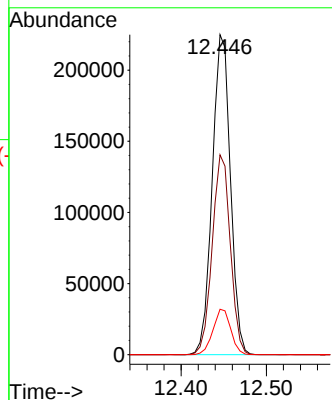
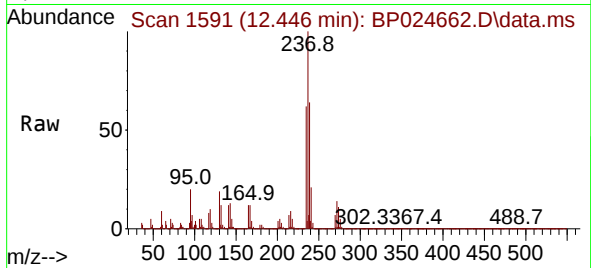




#41
Hexachlorocyclopentadiene
Concen: 44.813 ng
RT: 12.446 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

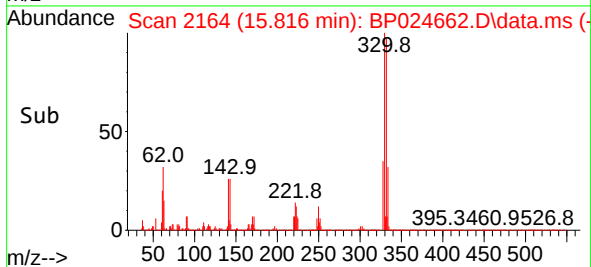
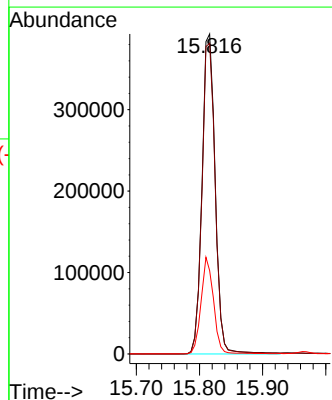
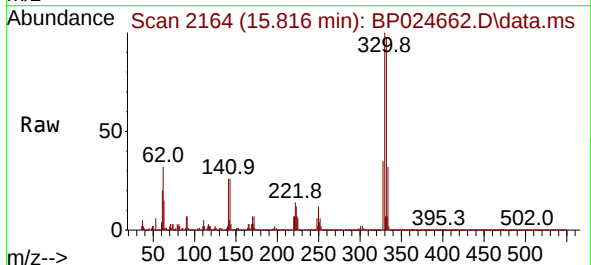
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

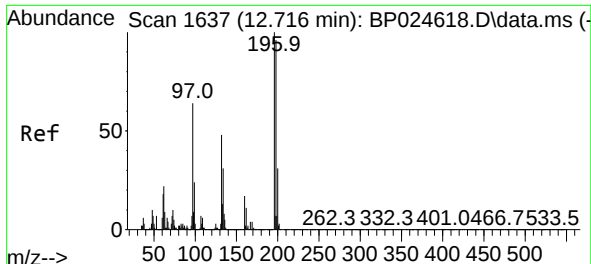
Tgt Ion:237 Resp: 332686
Ion Ratio Lower Upper
237 100
235 62.4 39.9 79.9
272 14.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 79.523 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:330 Resp: 568408
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.4
141 28.5 24.3 36.5

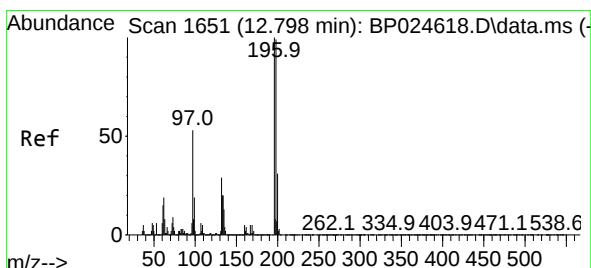
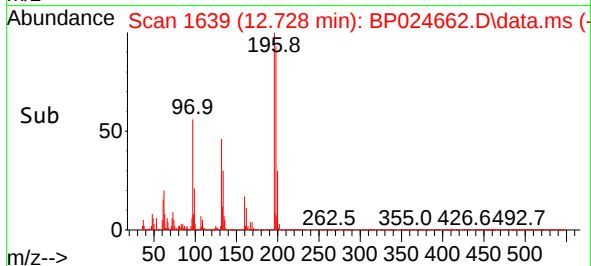
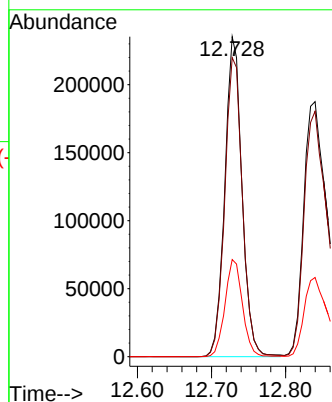
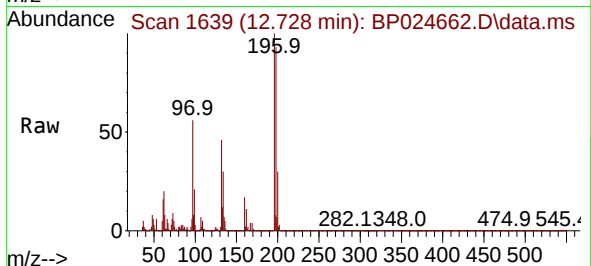




#43
2,4,6-Trichlorophenol
Concen: 47.753 ng
RT: 12.728 min Scan# 1639
Delta R.T. 0.012 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

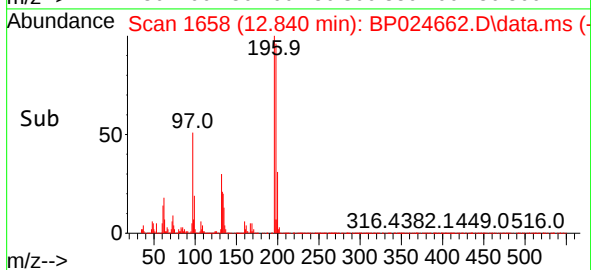
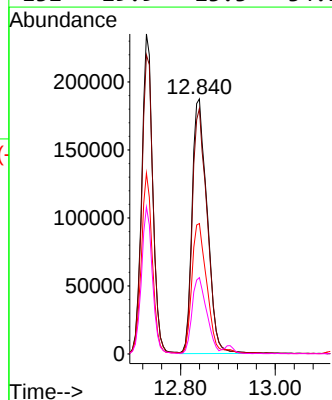
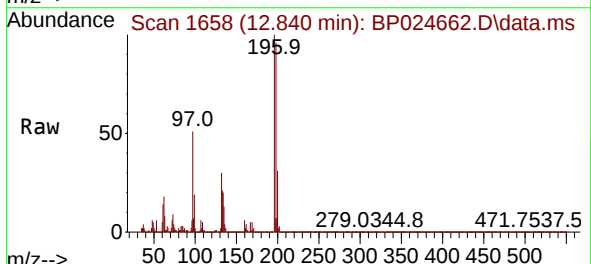
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

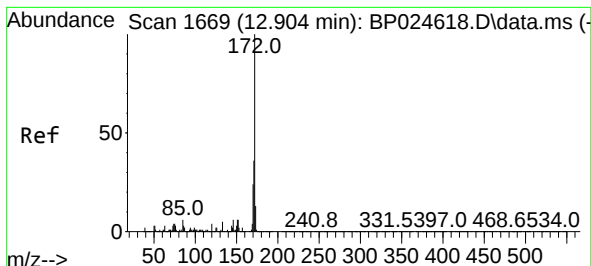
Tgt Ion:196 Resp: 378689
Ion Ratio Lower Upper
196 100
198 93.4 76.9 115.3
200 30.4 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 46.959 ng
RT: 12.840 min Scan# 1658
Delta R.T. 0.041 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:196 Resp: 414520
Ion Ratio Lower Upper
196 100
198 96.2 79.2 118.8
97 51.2 42.3 63.5
132 29.9 23.3 34.9

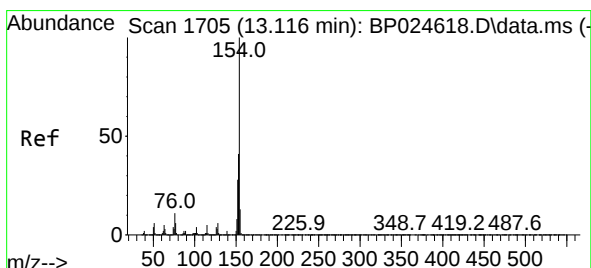
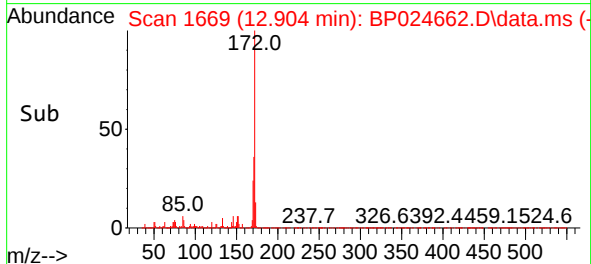
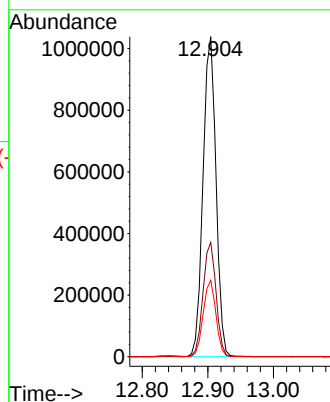
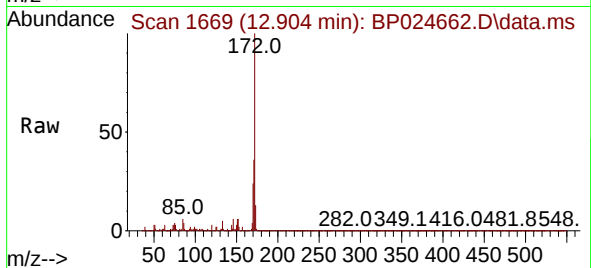




#45
2-Fluorobiphenyl
Concen: 44.487 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

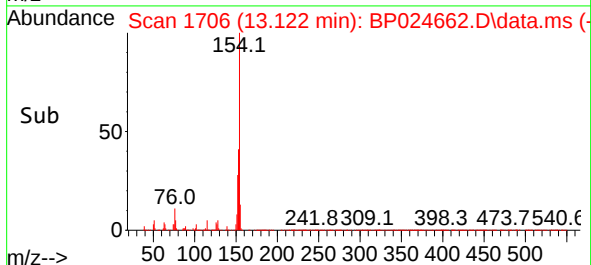
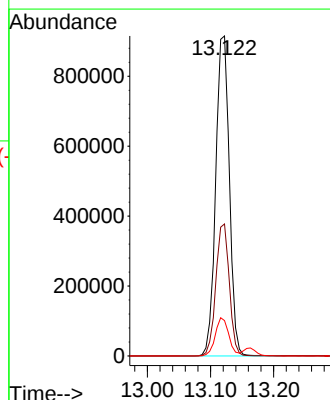
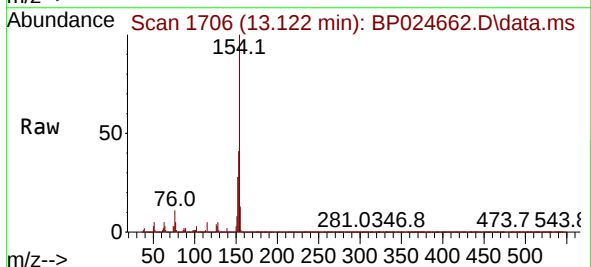
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

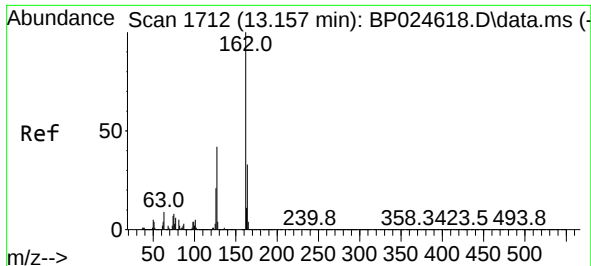
Tgt Ion:172 Resp: 1431667
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.990 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:154 Resp: 1370829
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 11.1 0.0 31.5





#47

2-Chloronaphthalene

Concen: 44.173 ng

RT: 13.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

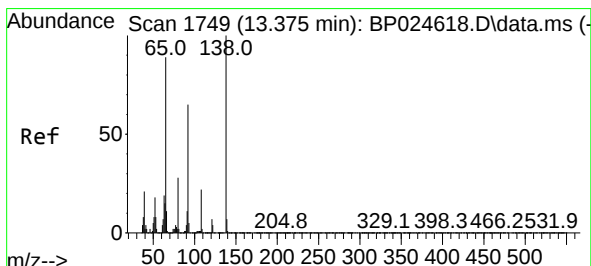
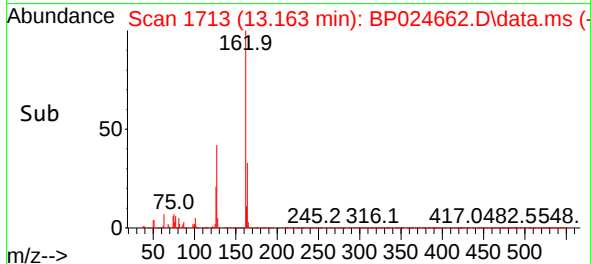
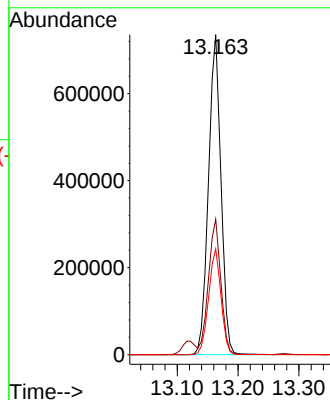
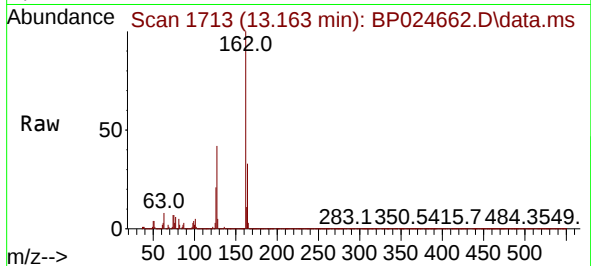
Tgt Ion:162 Resp: 1049570

Ion Ratio Lower Upper

162 100

127 42.3 33.8 50.6

164 33.0 26.0 39.0



#48

2-Nitroaniline

Concen: 45.756 ng

RT: 13.381 min Scan# 1750

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

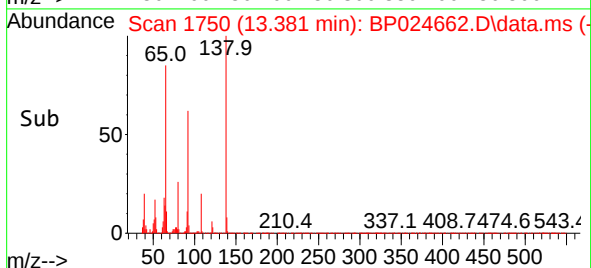
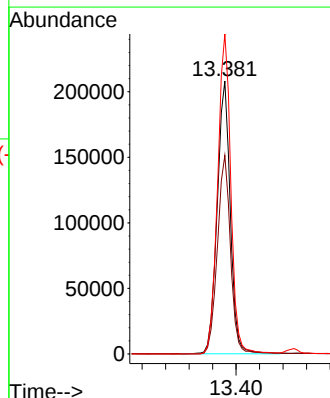
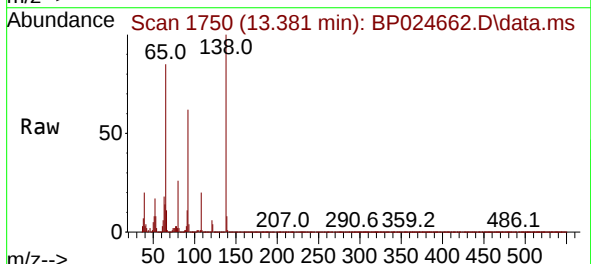
Tgt Ion: 65 Resp: 321870

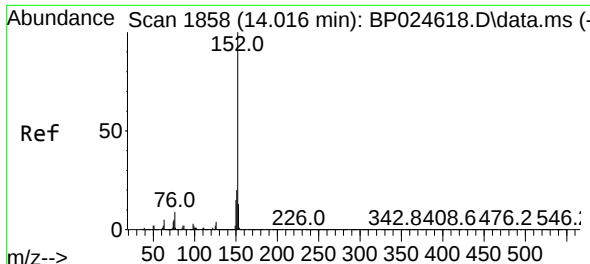
Ion Ratio Lower Upper

65 100

92 72.7 58.7 88.1

138 117.2 90.2 135.2

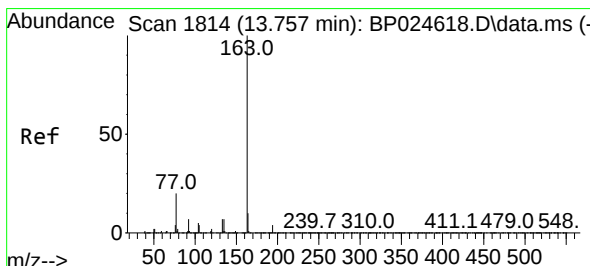
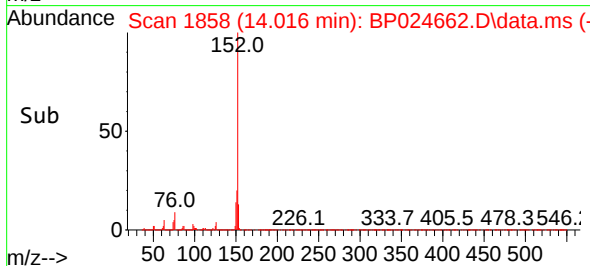
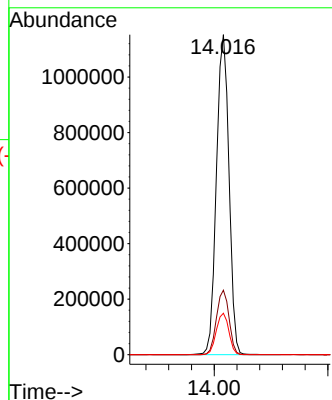
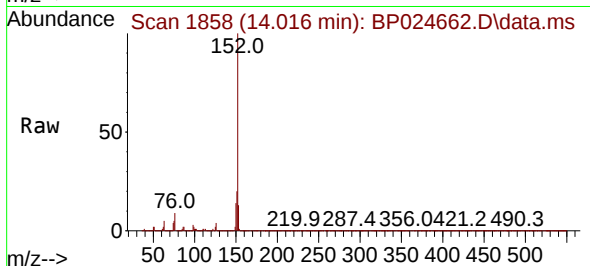




#49
Acenaphthylene
Concen: 44.293 ng
RT: 14.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

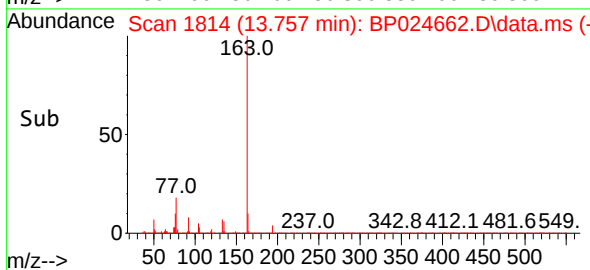
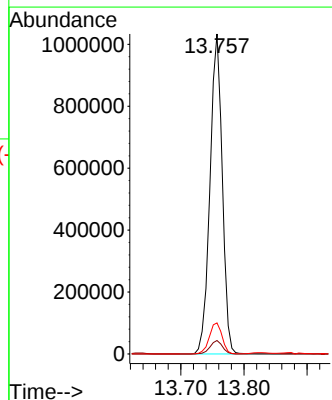
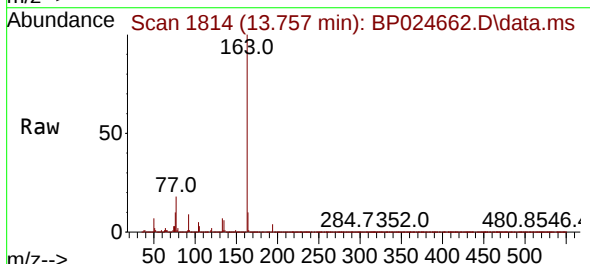
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

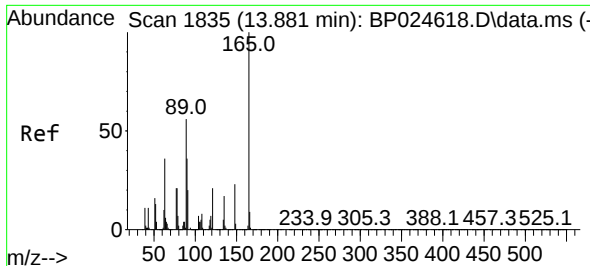
Tgt Ion:152 Resp: 1761192
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.0 10.2 15.4



#50
Dimethylphthalate
Concen: 43.496 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:163 Resp: 1397783
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.7 8.1 12.1

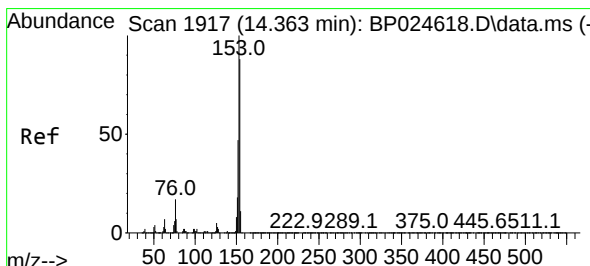
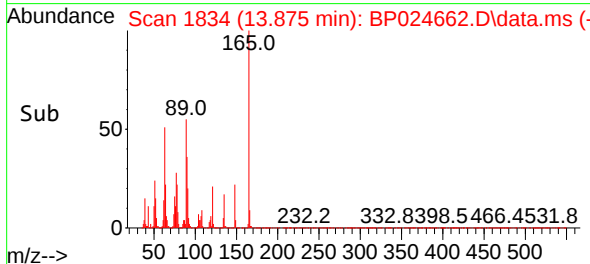
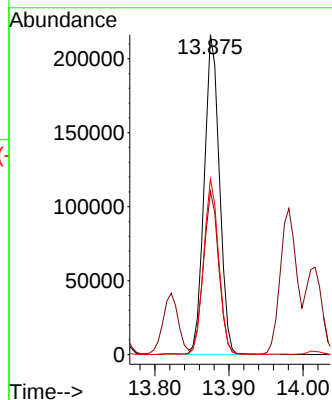
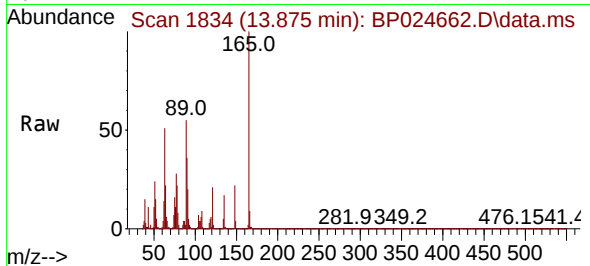




#51
2,6-Dinitrotoluene
Concen: 45.418 ng
RT: 13.875 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

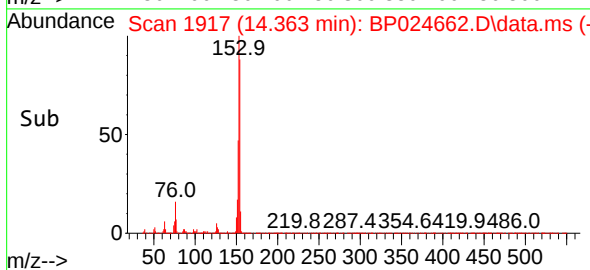
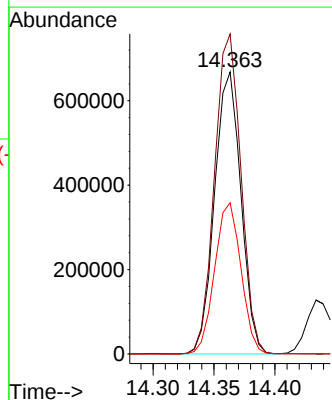
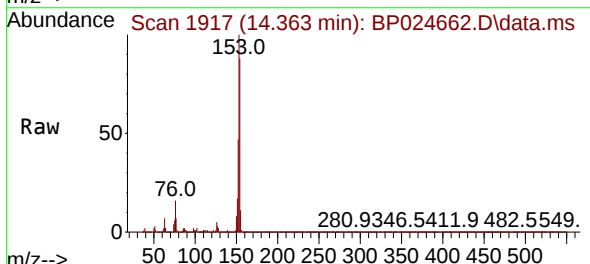
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

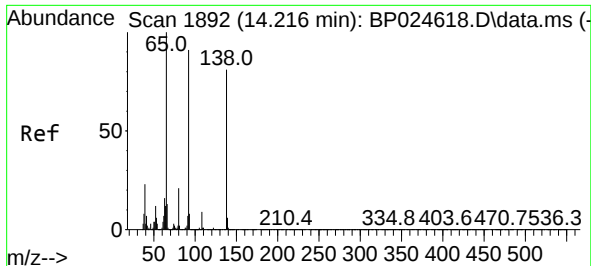
Tgt Ion:165 Resp: 308247
Ion Ratio Lower Upper
165 100
63 51.1 42.4 63.6
89 54.9 44.8 67.2



#52
Acenaphthene
Concen: 43.998 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:154 Resp: 1005743
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.4
152 53.6 42.9 64.3

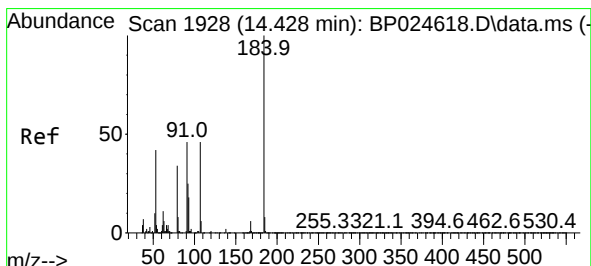
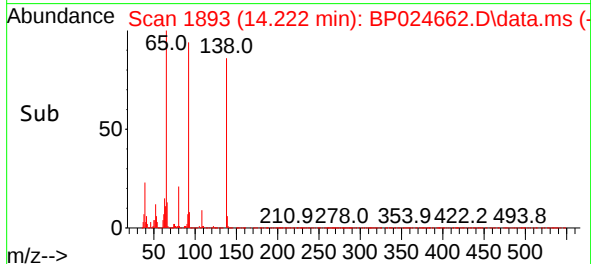
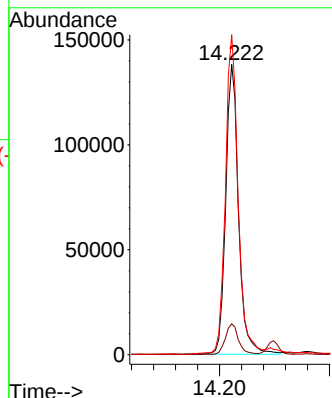
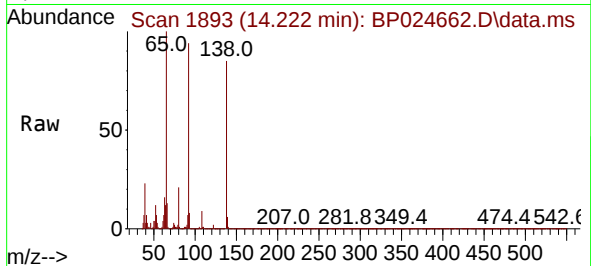




#53
3-Nitroaniline
Concen: 32.202 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

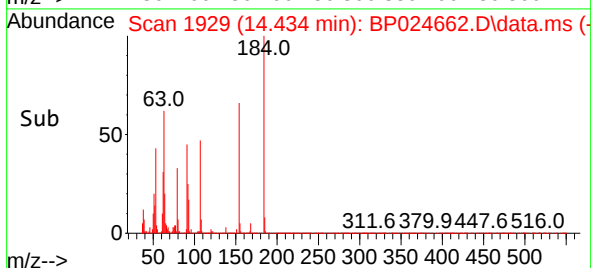
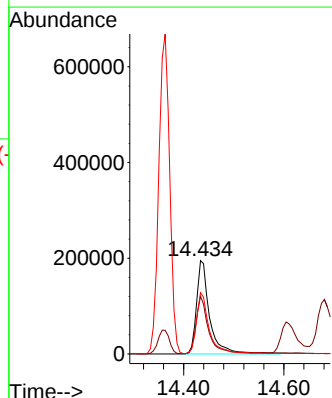
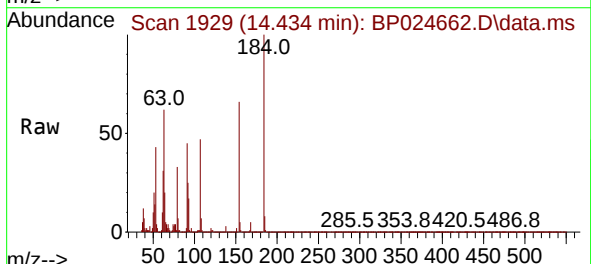
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

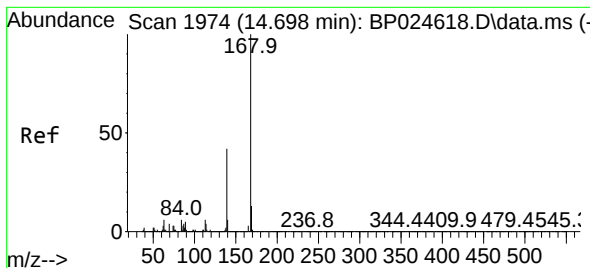
Tgt Ion:138 Resp: 223158
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 110.3 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 82.579 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:184 Resp: 354377
Ion Ratio Lower Upper
184 100
63 61.8 51.3 76.9
154 65.7 53.5 80.3





#55

Dibenzofuran

Concen: 43.565 ng

RT: 14.704 min Scan# 1974

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

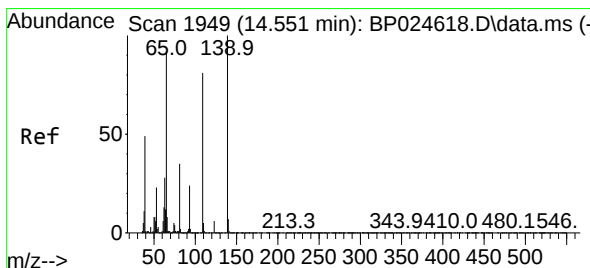
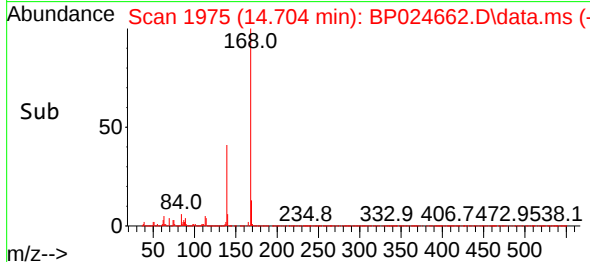
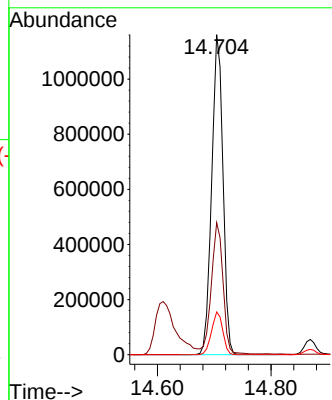
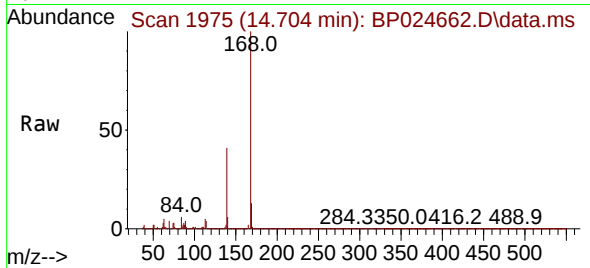
Tgt Ion:168 Resp: 1588439

Ion Ratio Lower Upper

168 100

139 41.2 34.2 51.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 81.231 ng

RT: 14.610 min Scan# 1959

Delta R.T. 0.059 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

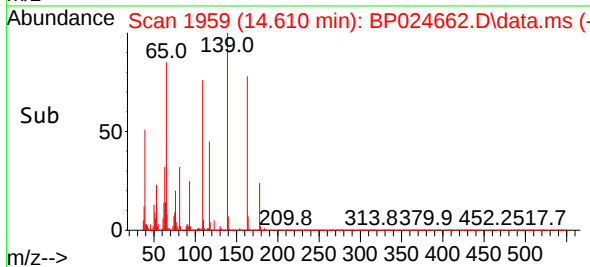
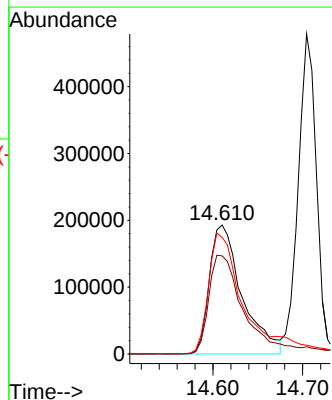
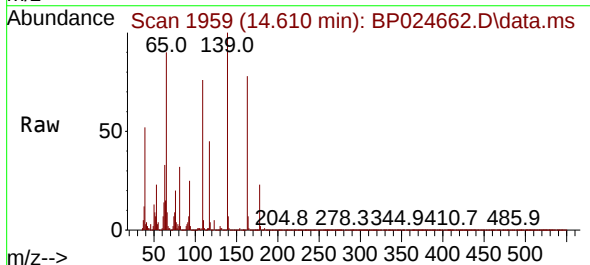
Tgt Ion:139 Resp: 487767

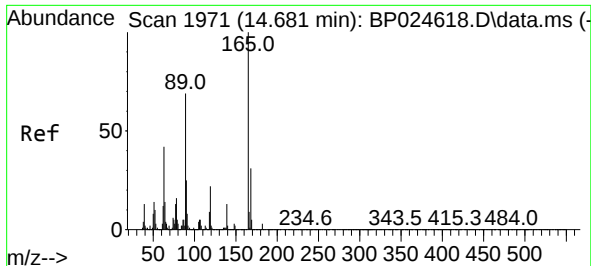
Ion Ratio Lower Upper

139 100

109 76.1 61.4 101.4

65 90.3 72.2 112.2

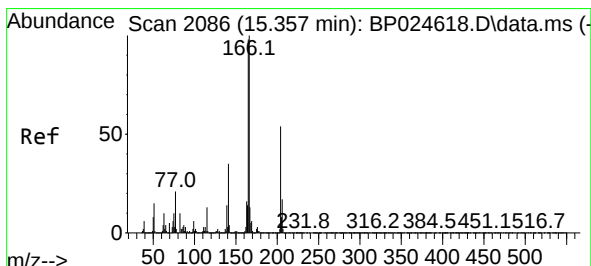
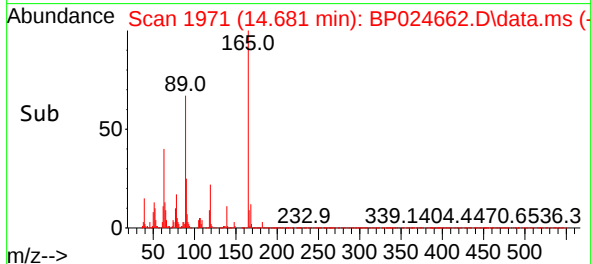
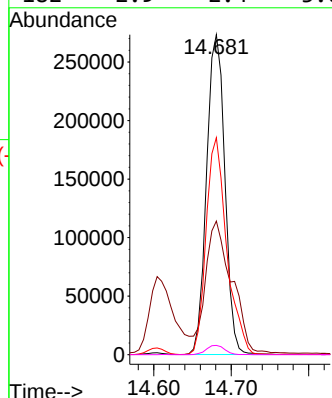
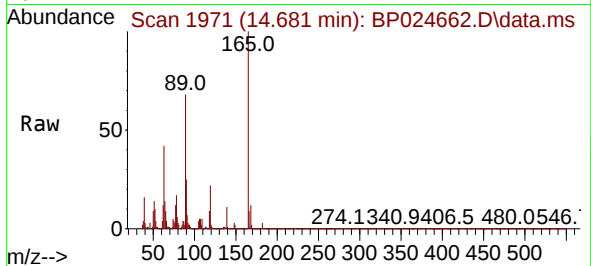




#57
2,4-Dinitrotoluene
Concen: 46.696 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

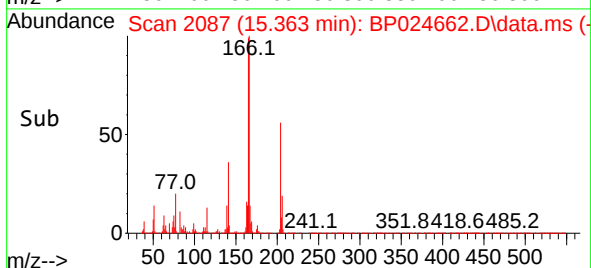
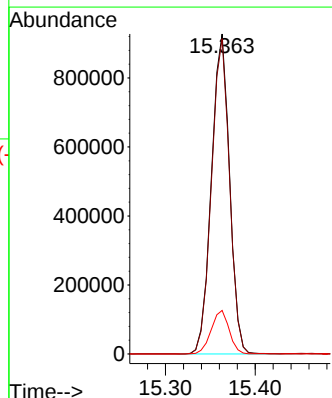
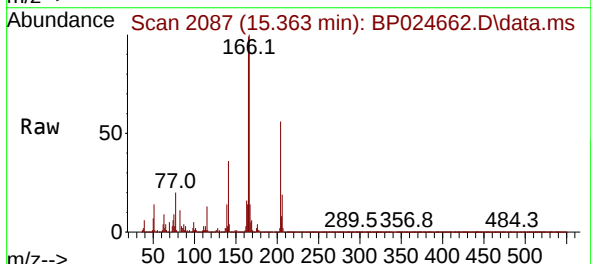
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

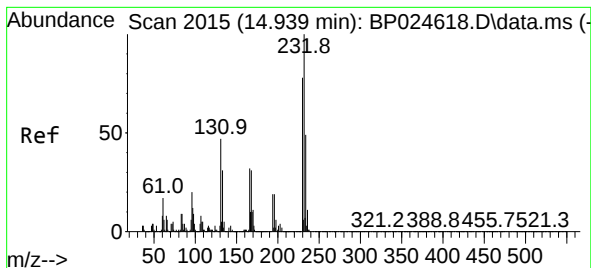
Tgt Ion:	165	Resp:	446807
Ion	Ratio	Lower	Upper
165	100		
63	41.7	33.8	50.6
89	67.8	55.6	83.4
182	2.9	2.4	3.6



#58
Fluorene
Concen: 43.677 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:	166	Resp:	1298531
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.5	117.7
167	13.6	10.7	16.1

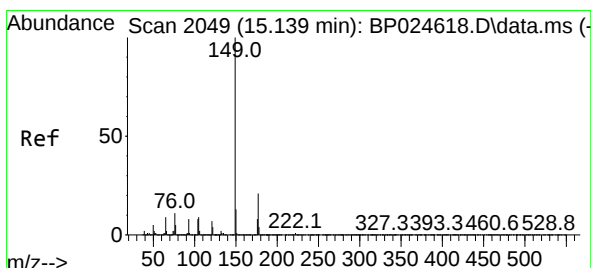
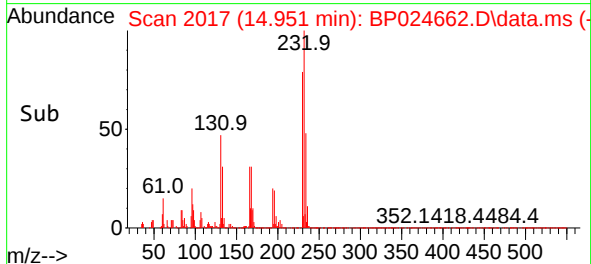
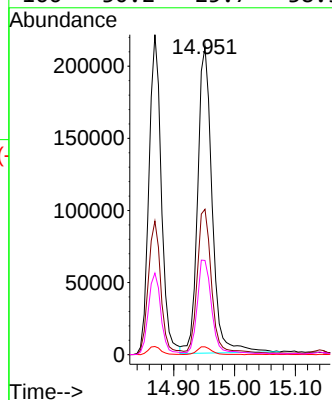
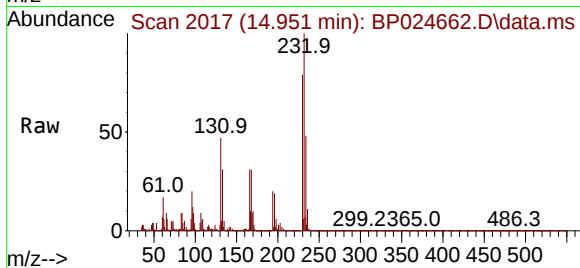




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.742 ng
RT: 14.951 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

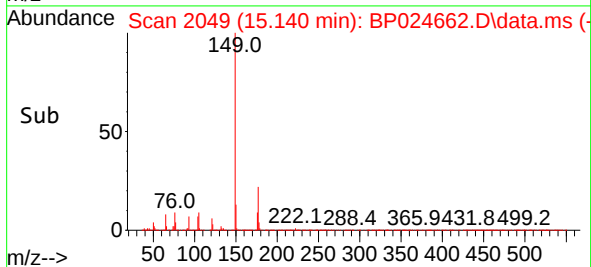
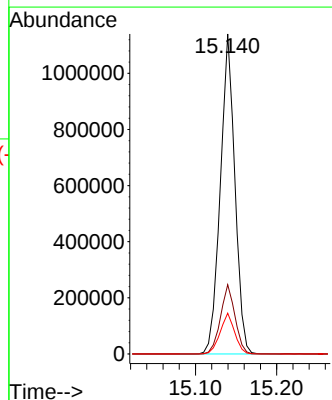
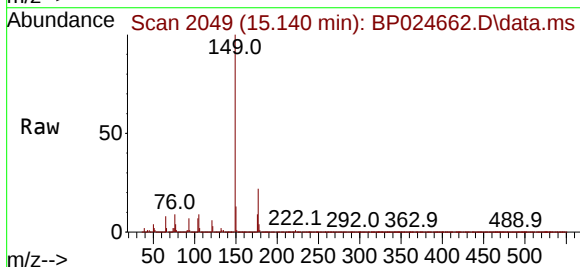
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

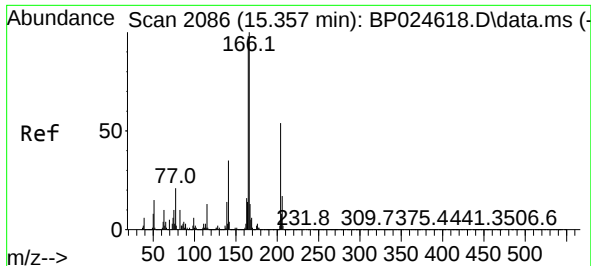
Tgt Ion:232 Resp: 349997
Ion Ratio Lower Upper
232 100
131 46.9 39.5 59.3
130 2.7 2.2 3.4
166 30.2 25.7 38.5



#60
Diethylphthalate
Concen: 43.815 ng
RT: 15.140 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:149 Resp: 1423139
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.7 10.2 15.2

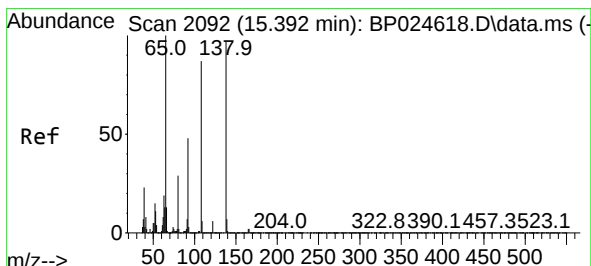
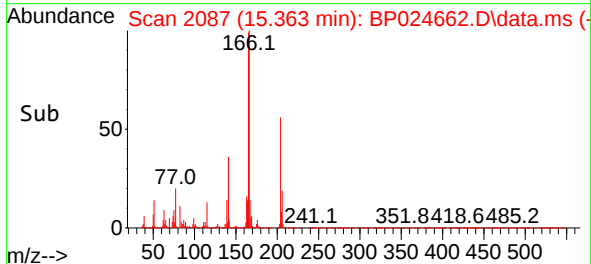
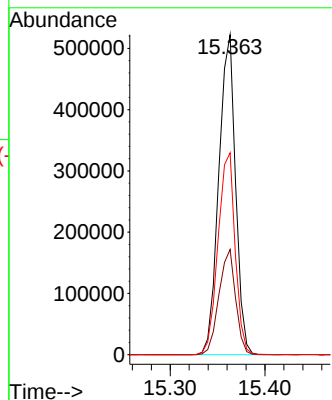
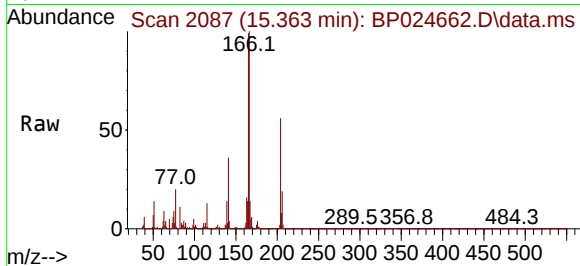




#61
4-Chlorophenyl-phenylether
Concen: 43.343 ng
RT: 15.363 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

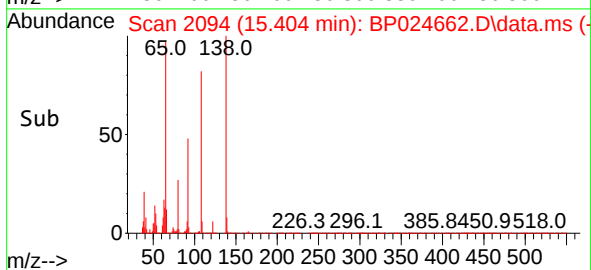
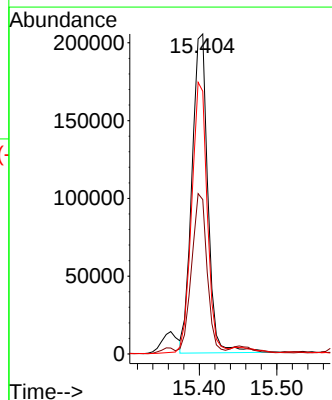
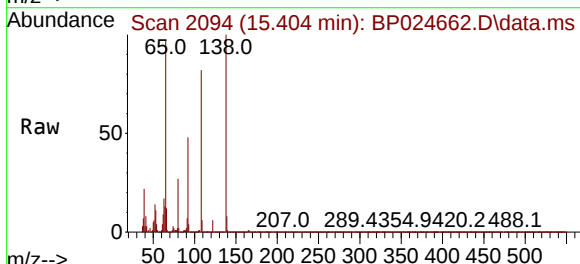
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

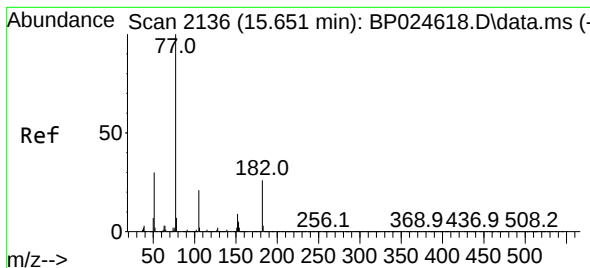
Tgt Ion:204 Resp: 642628
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 63.1 52.9 79.3



#62
4-Nitroaniline
Concen: 43.829 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:138 Resp: 293277
Ion Ratio Lower Upper
138 100
92 48.2 29.2 69.2
108 82.1 69.0 109.0





#63

Azobenzene

Concen: 47.489 ng

RT: 15.657 min Scan# 2136

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

Tgt Ion: 77 Resp: 1319515

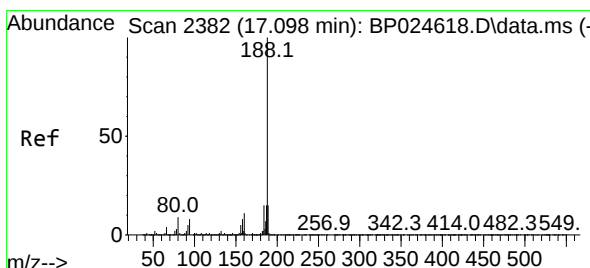
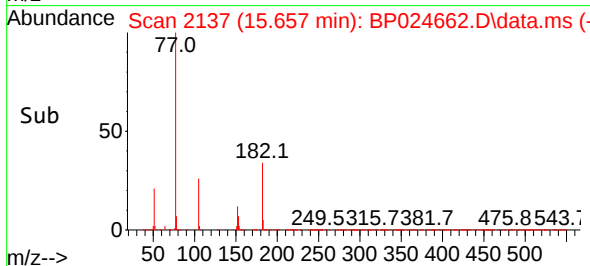
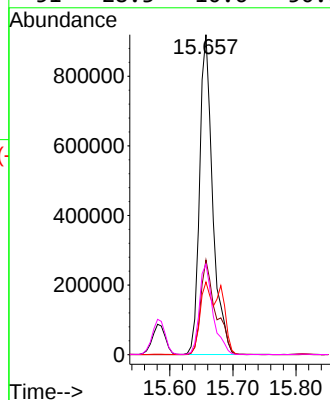
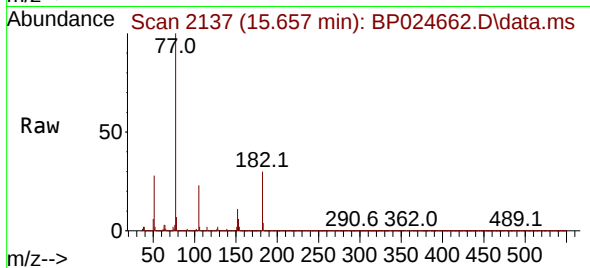
Ion Ratio Lower Upper

77 100

182 29.6 5.7 45.7

105 22.7 1.3 41.3

51 28.3 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

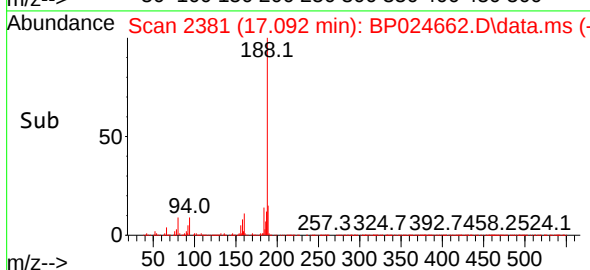
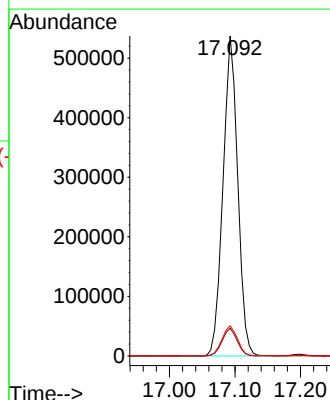
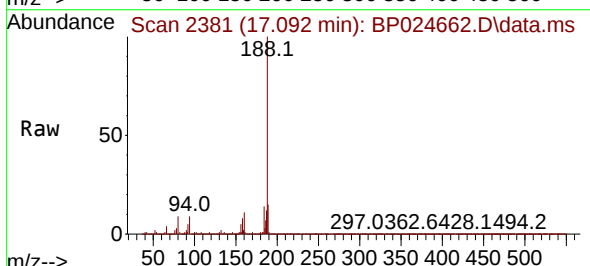
Tgt Ion:188 Resp: 833881

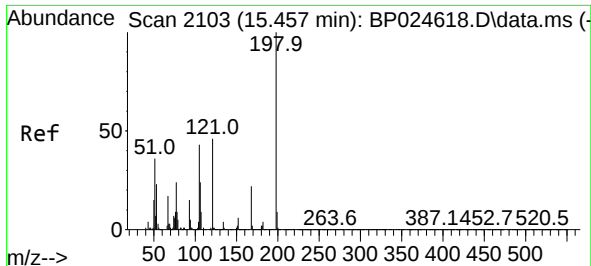
Ion Ratio Lower Upper

188 100

94 8.7 6.5 9.7

80 9.4 7.3 10.9

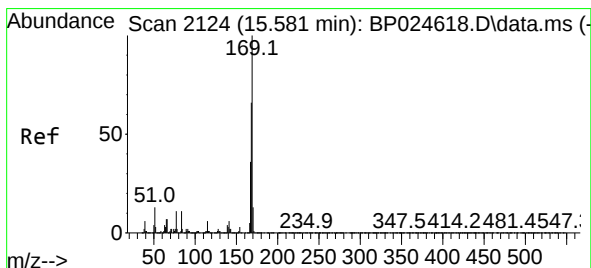
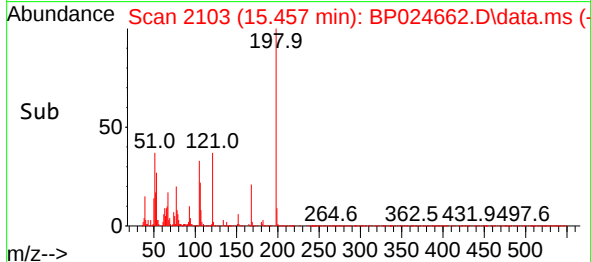
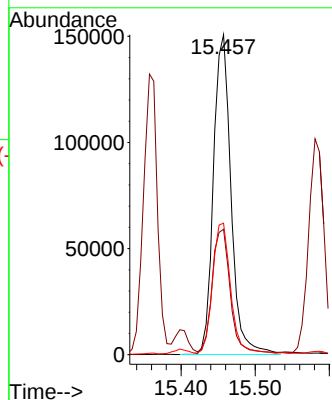
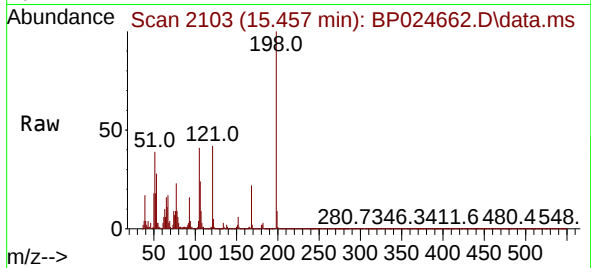




#65
4,6-Dinitro-2-methylphenol
Concen: 46.156 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

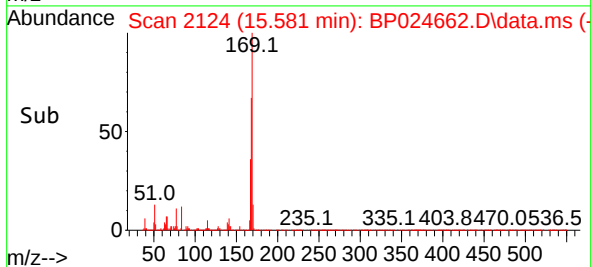
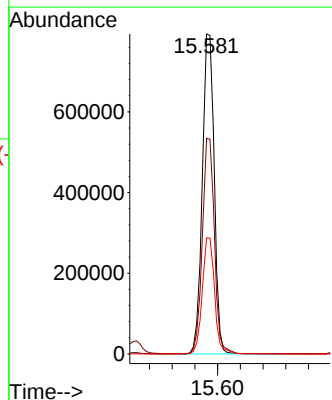
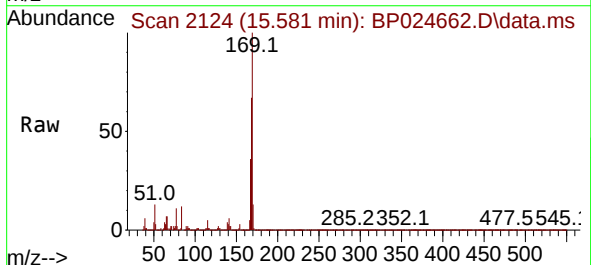
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

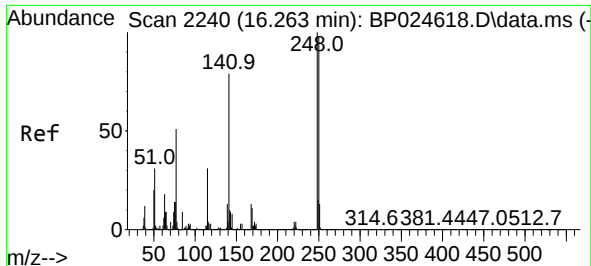
Tgt Ion:198 Resp: 248611
Ion Ratio Lower Upper
198 100
51 39.2 21.1 61.1
105 41.1 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 45.050 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:169 Resp: 1153897
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 36.3 28.6 43.0

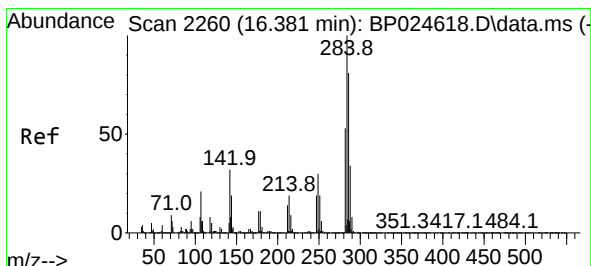
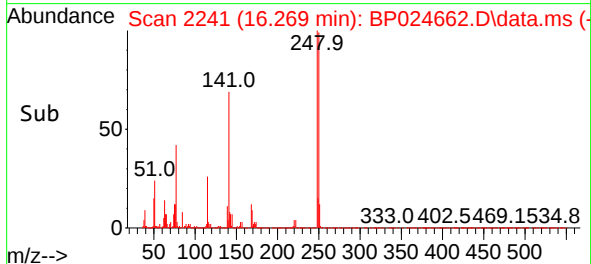
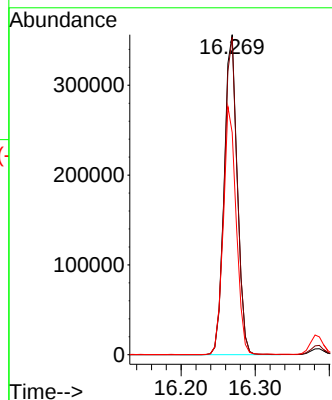
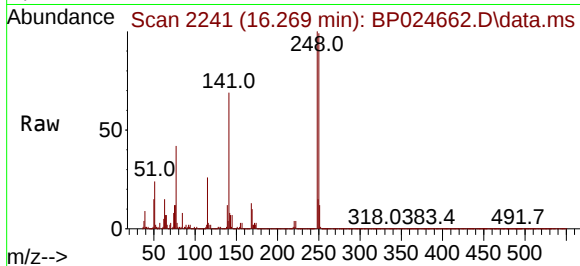




#67
4-Bromophenyl-phenylether
Concen: 44.501 ng
RT: 16.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

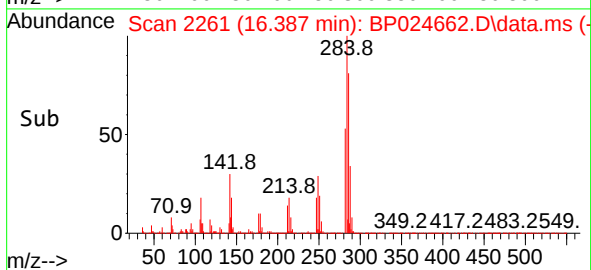
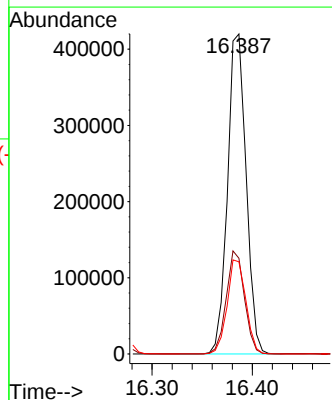
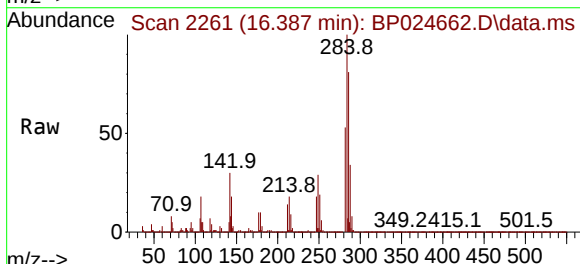
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

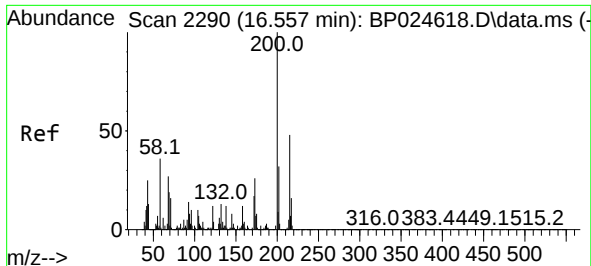
Tgt Ion:248 Resp: 437271
Ion Ratio Lower Upper
248 100
250 99.2 78.2 117.4
141 69.4 63.0 94.6



#68
Hexachlorobenzene
Concen: 43.341 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:284 Resp: 541147
Ion Ratio Lower Upper
284 100
142 29.9 25.9 38.9
249 28.8 24.1 36.1

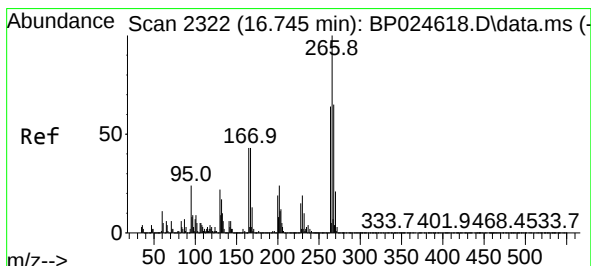
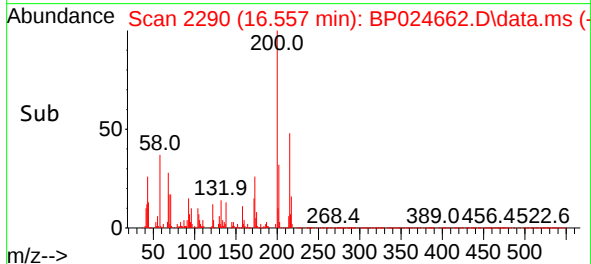
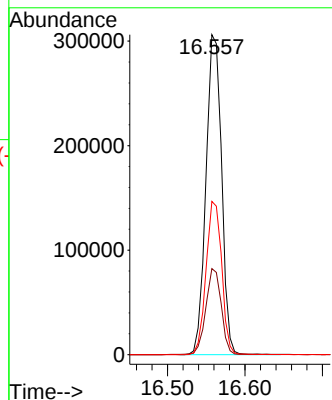
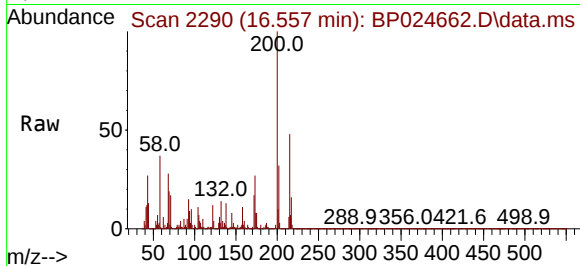




#69
 Atrazine
 Concen: 45.651 ng
 RT: 16.557 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024662.D
 Acq: 16 May 2025 18:20

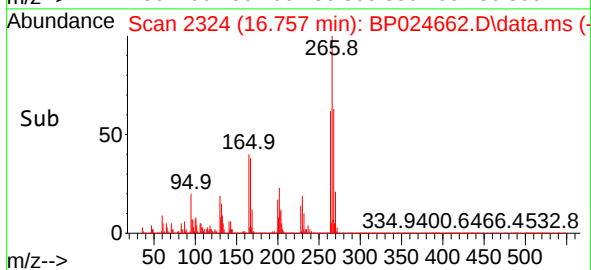
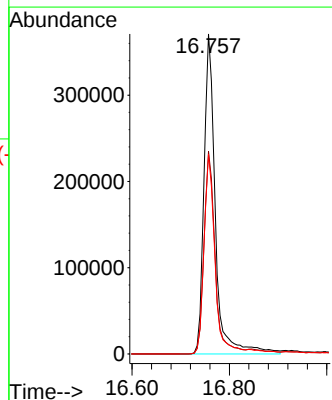
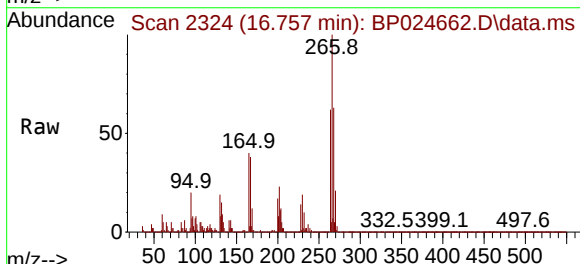
Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-05MS

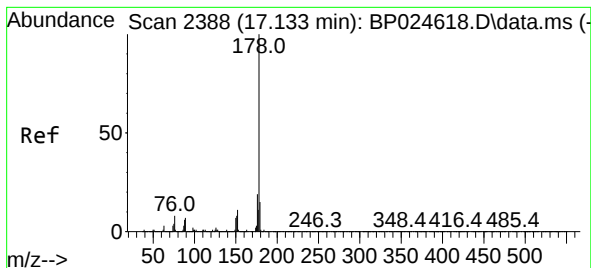
Tgt Ion:200 Resp: 428509
 Ion Ratio Lower Upper
 200 100
 173 26.9 5.9 45.9
 215 47.9 28.3 68.3



#70
 Pentachlorophenol
 Concen: 85.933 ng
 RT: 16.757 min Scan# 2324
 Delta R.T. 0.012 min
 Lab File: BP024662.D
 Acq: 16 May 2025 18:20

Tgt Ion:266 Resp: 602290
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.2 78.4
 264 62.5 51.1 76.7





#71

Phenanthrene

Concen: 44.933 ng

RT: 17.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

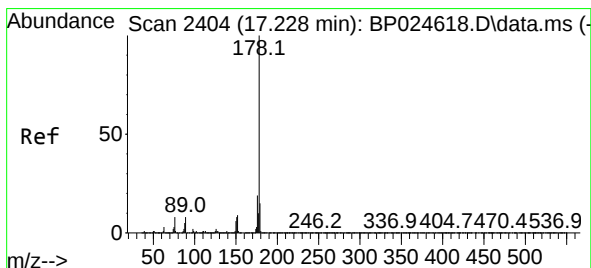
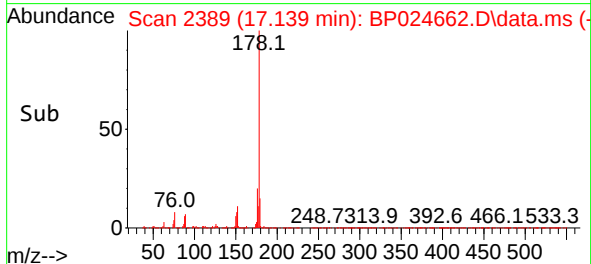
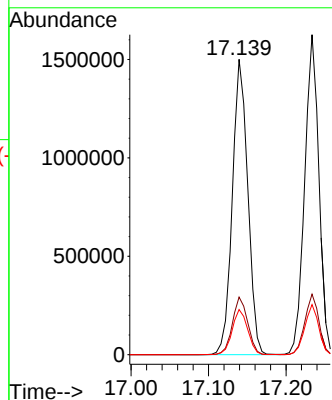
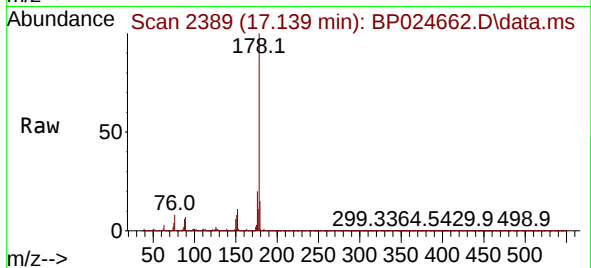
Tgt Ion:178 Resp: 2082937

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 44.659 ng

RT: 17.234 min Scan# 2405

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

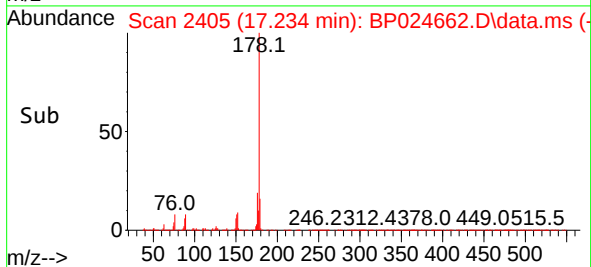
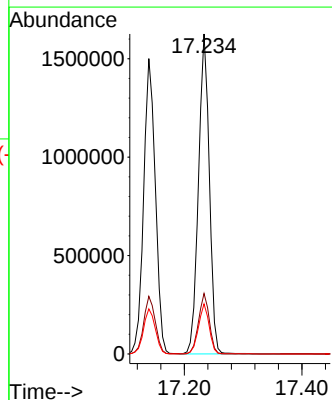
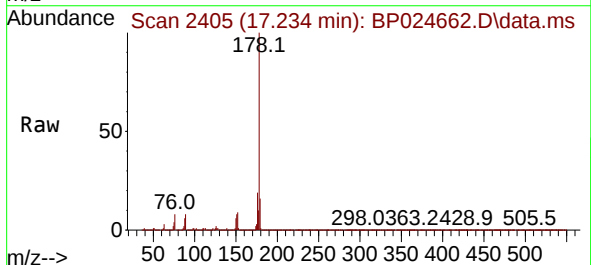
Tgt Ion:178 Resp: 2082876

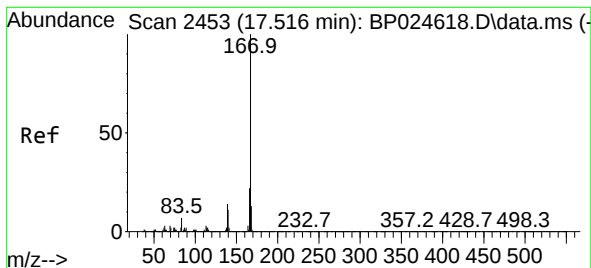
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.6 12.2 18.2





#73

Carbazole

Concen: 46.150 ng

RT: 17.522 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

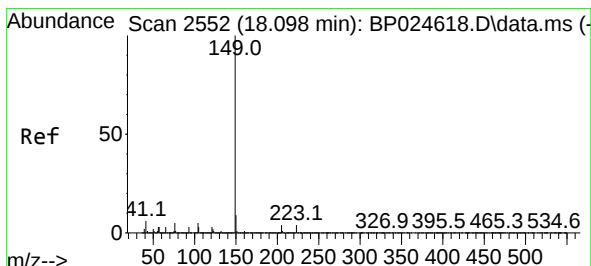
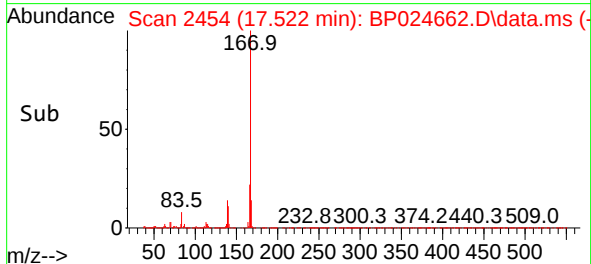
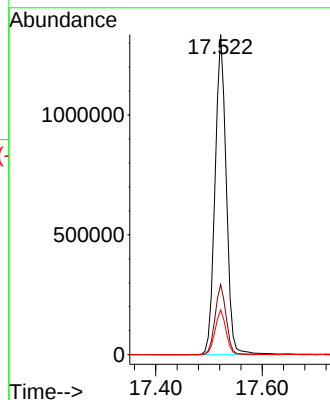
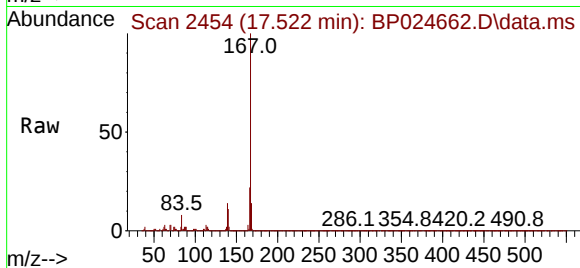
Tgt Ion:167 Resp: 1948173

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

139 14.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 46.059 ng

RT: 18.098 min Scan# 2552

Delta R.T. 0.000 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

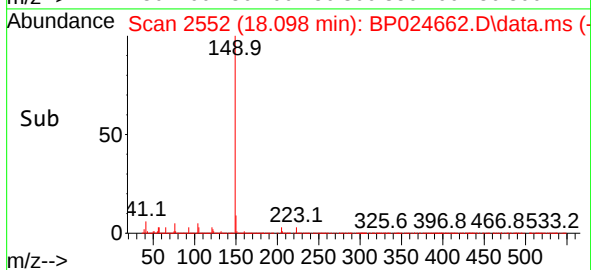
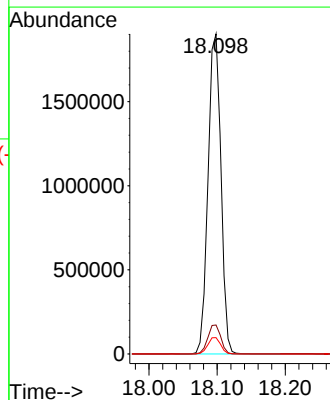
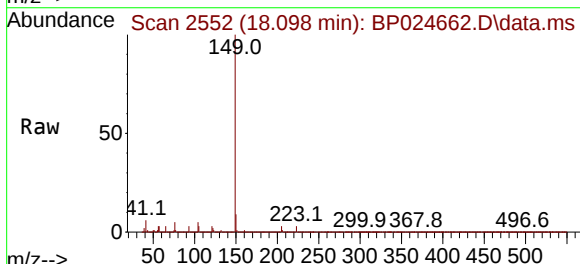
Tgt Ion:149 Resp: 2500574

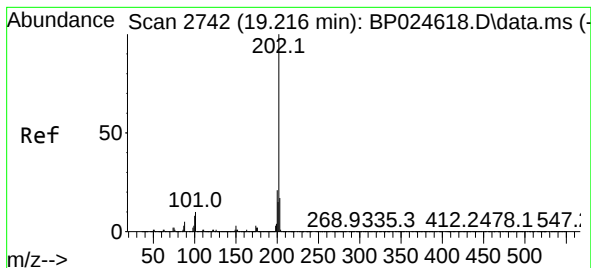
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.1 4.3 6.5

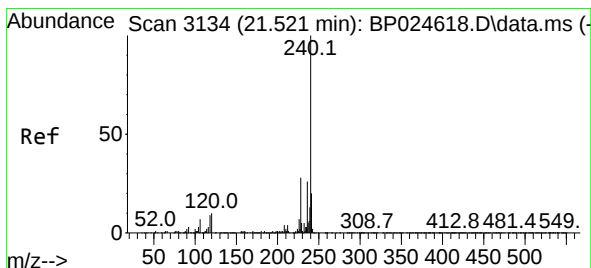
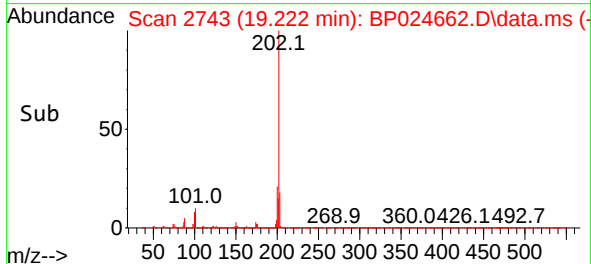
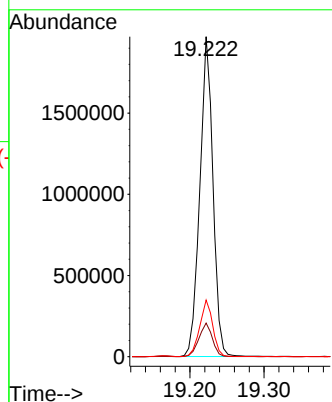
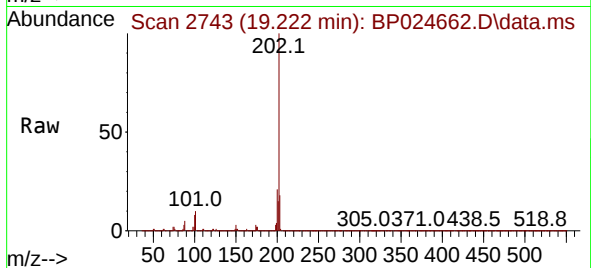




#75
Fluoranthene
Concen: 44.712 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

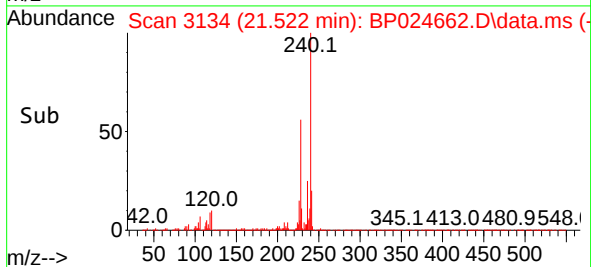
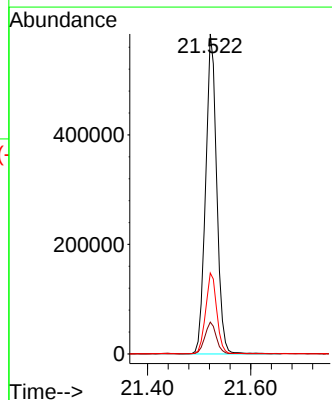
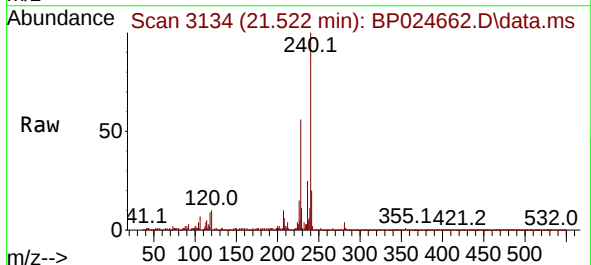
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MS

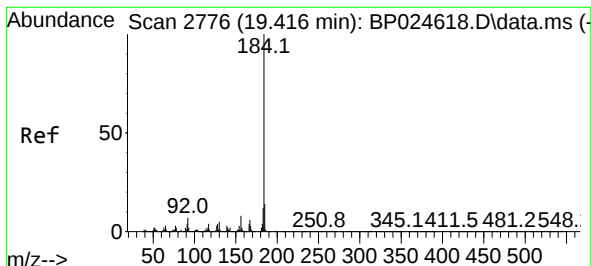
Tgt Ion:202 Resp: 2422832
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024662.D
Acq: 16 May 2025 18:20

Tgt Ion:240 Resp: 868862
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 25.3 20.6 31.0





#77

Benzidine

Concen: 32.943 ng

RT: 19.433 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

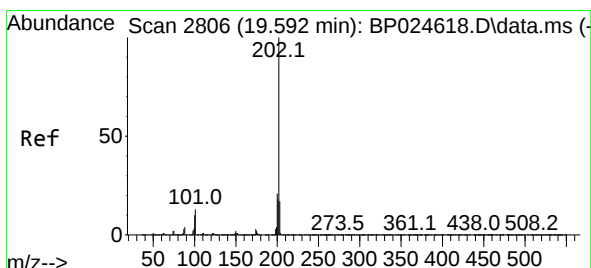
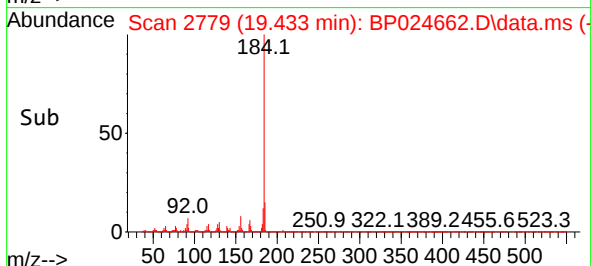
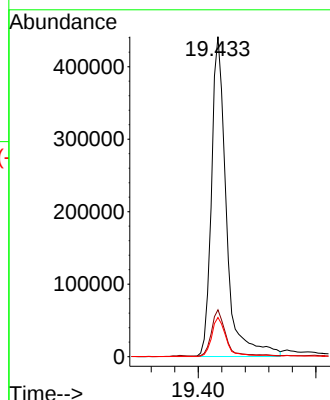
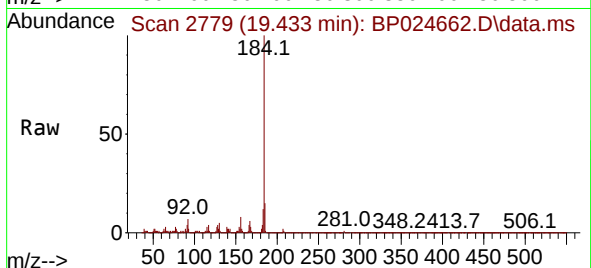
Tgt Ion:184 Resp: 779576

Ion Ratio Lower Upper

184 100

185 14.6 11.2 16.8

183 12.3 9.8 14.8



#78

Pyrene

Concen: 47.826 ng

RT: 19.598 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

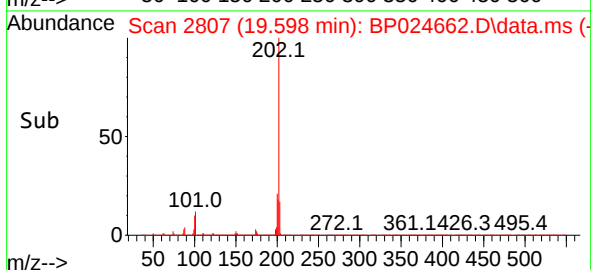
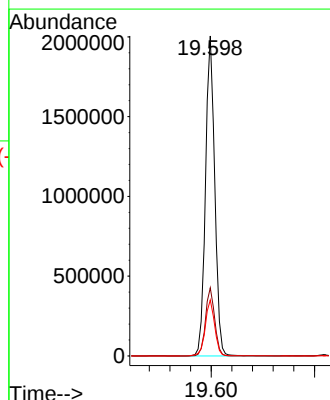
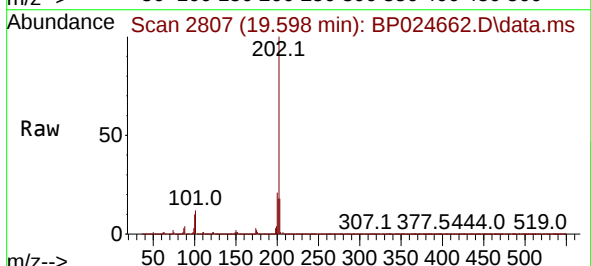
Tgt Ion:202 Resp: 2489832

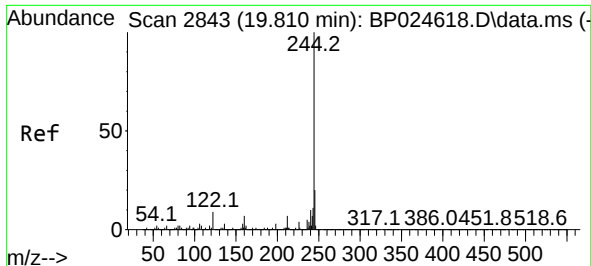
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.5 13.9 20.9

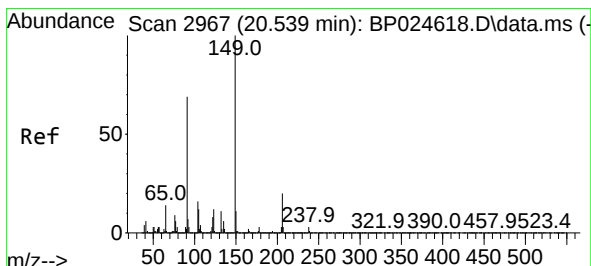
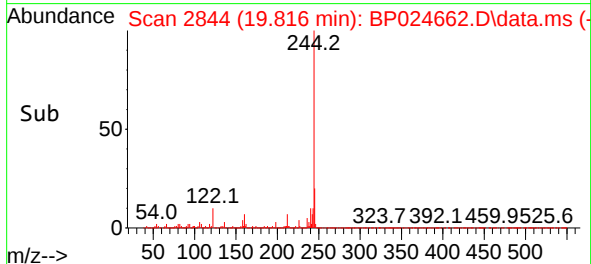
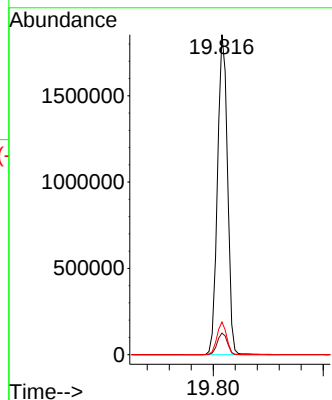
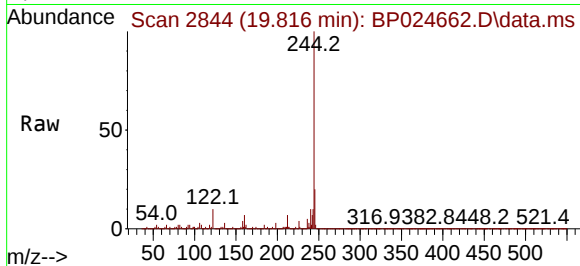




#79
 Terphenyl-d14
 Concen: 46.397 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024662.D
 Acq: 16 May 2025 18:20

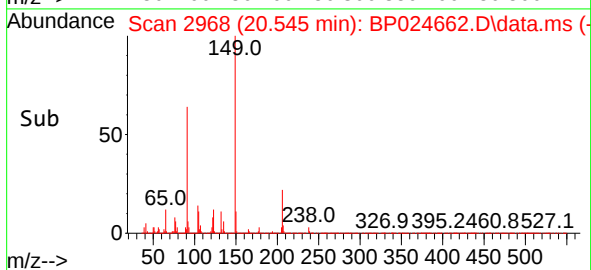
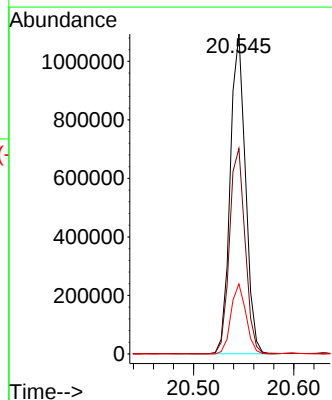
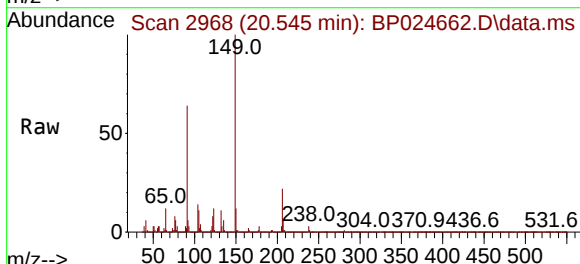
Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-05MS

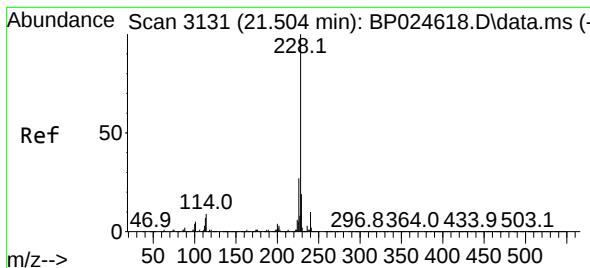
Tgt Ion:244 Resp: 2351020
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.2 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 49.784 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. 0.006 min
 Lab File: BP024662.D
 Acq: 16 May 2025 18:20

Tgt Ion:149 Resp: 1152667
 Ion Ratio Lower Upper
 149 100
 91 64.2 55.4 83.0
 206 21.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.712 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

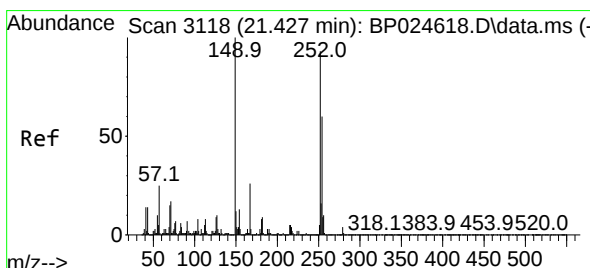
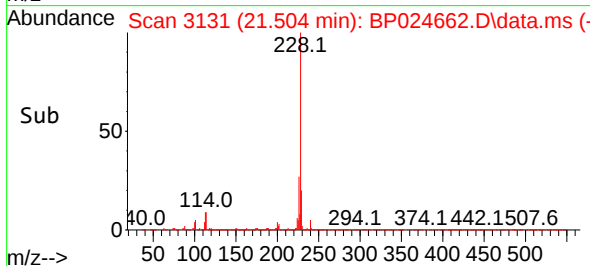
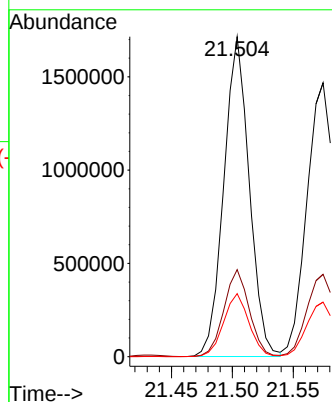
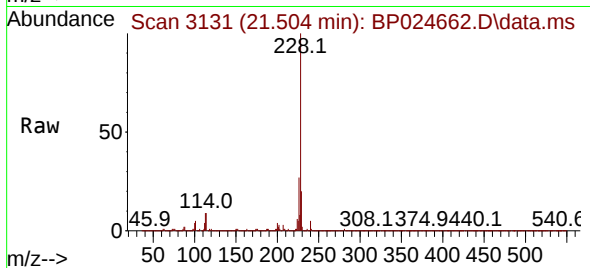
Tgt Ion:228 Resp: 2493936

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.853 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

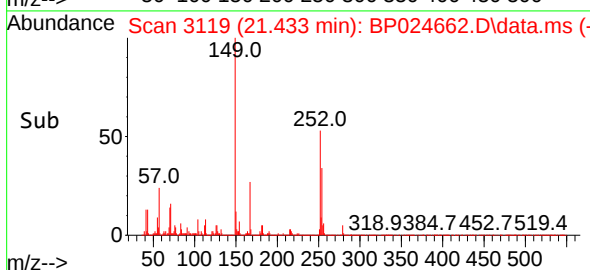
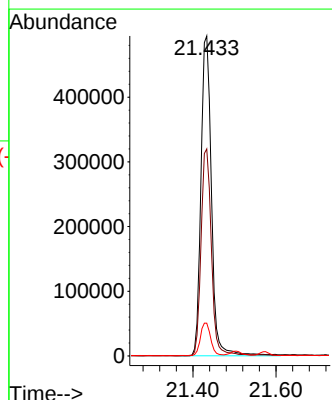
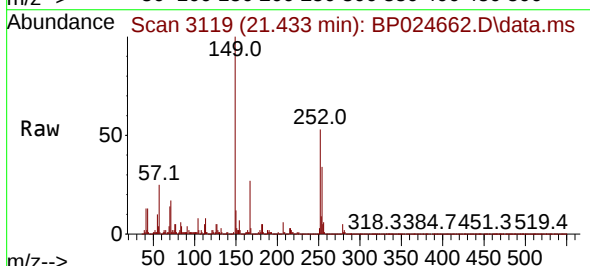
Tgt Ion:252 Resp: 868357

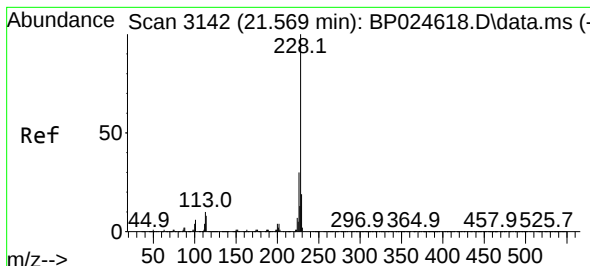
Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

126 10.2 7.7 11.5





#83

Chrysene

Concen: 45.251 ng

RT: 21.575 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

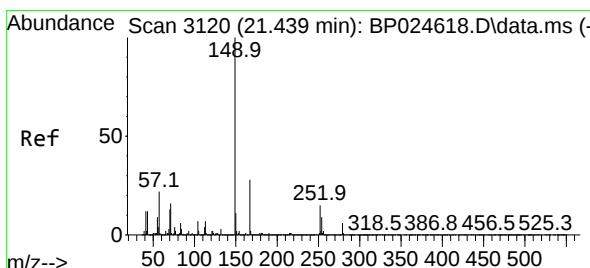
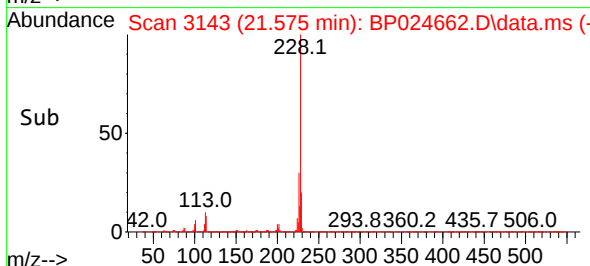
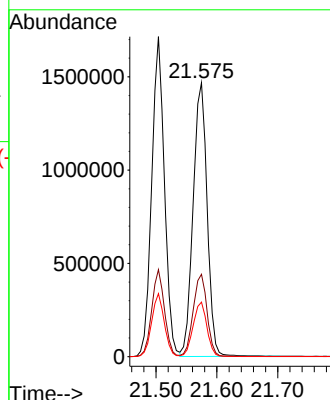
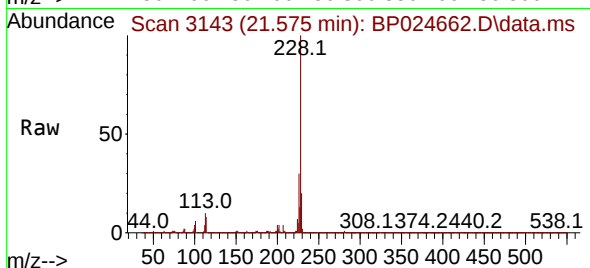
Tgt Ion:228 Resp: 2340301

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.478 ng

RT: 21.439 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

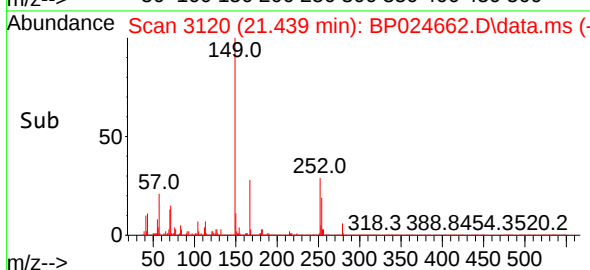
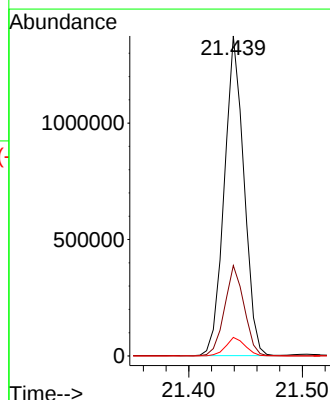
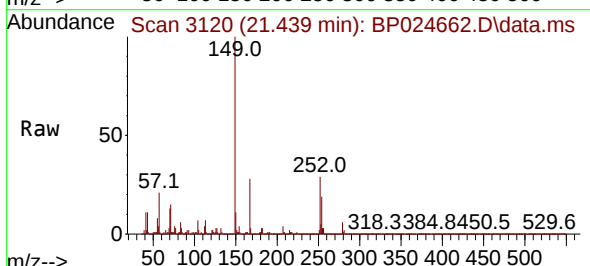
Tgt Ion:149 Resp: 1649765

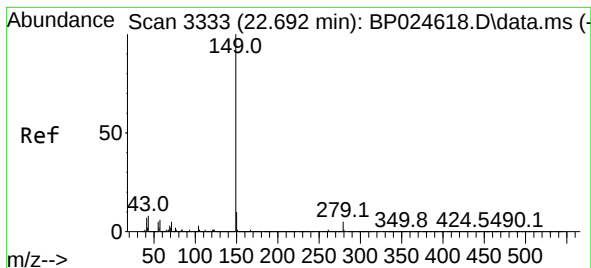
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 5.8 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 49.867 ng

RT: 22.692 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

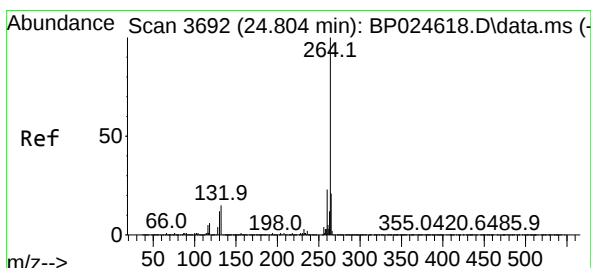
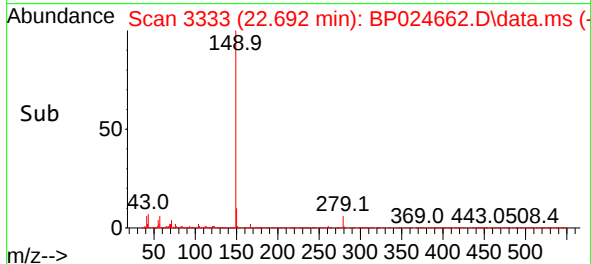
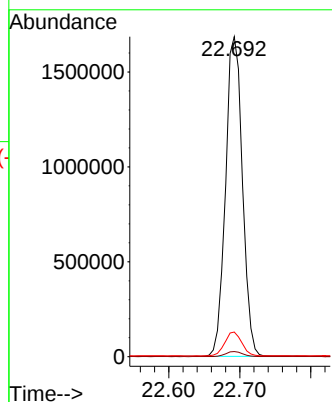
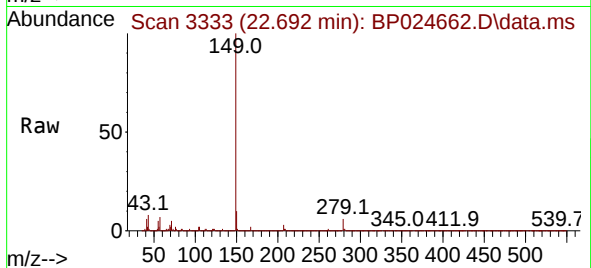
Tgt Ion:149 Resp: 2775104

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.5 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

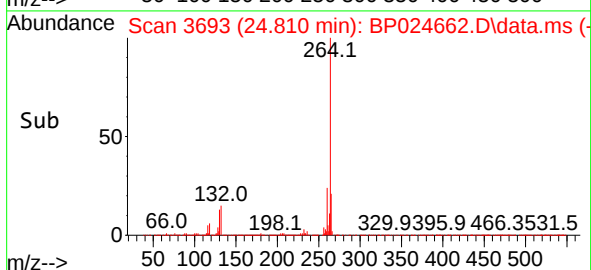
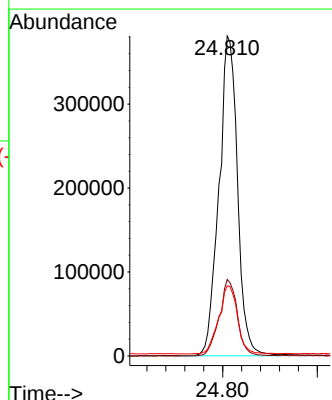
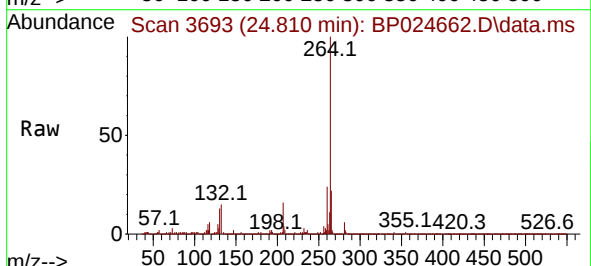
Tgt Ion:264 Resp: 1034556

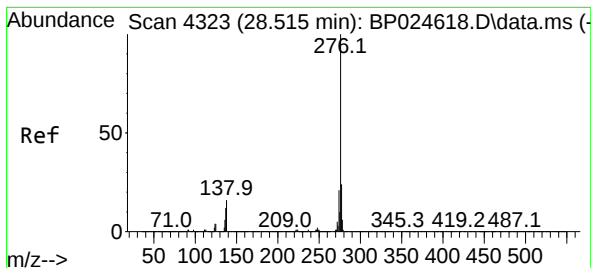
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.217 ng m

RT: 28.545 min Scan# 41

Delta R.T. 0.030 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

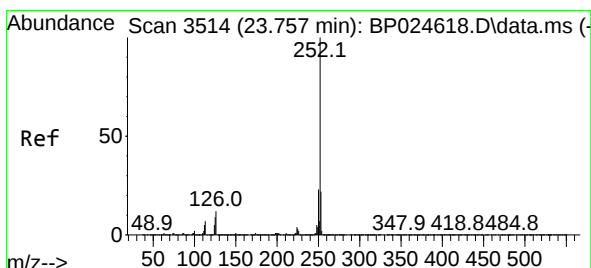
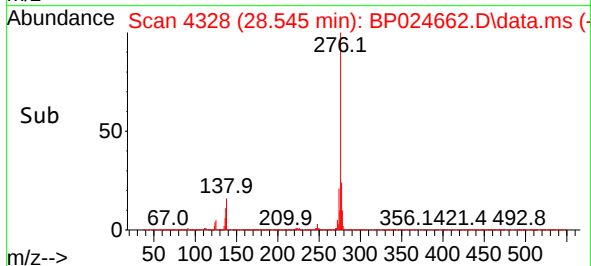
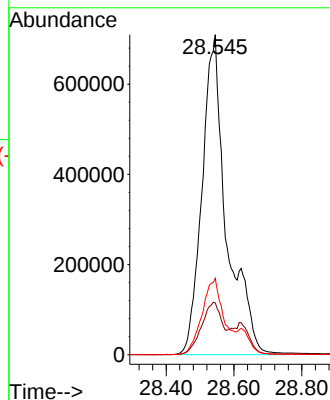
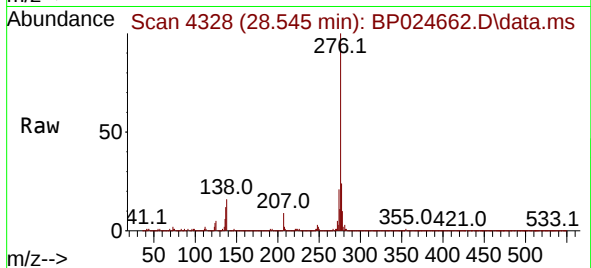
Tgt Ion:276 Resp: 3566229

Ion Ratio Lower Upper

276 100

138 13.8 11.2 16.8

277 21.2 15.7 23.5



#88

Benzo(b)fluoranthene

Concen: 45.603 ng

RT: 23.774 min Scan# 3517

Delta R.T. 0.018 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

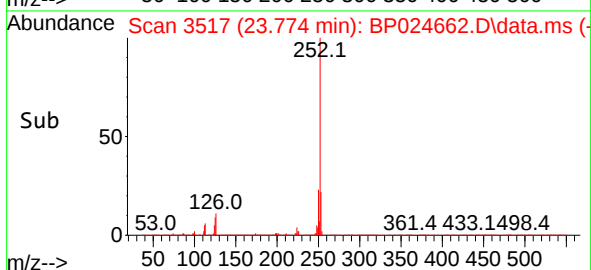
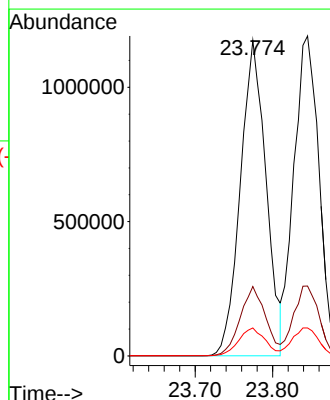
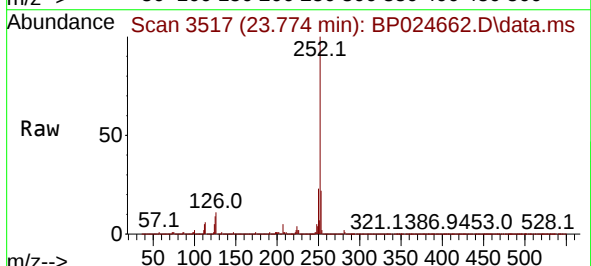
Tgt Ion:252 Resp: 2700432

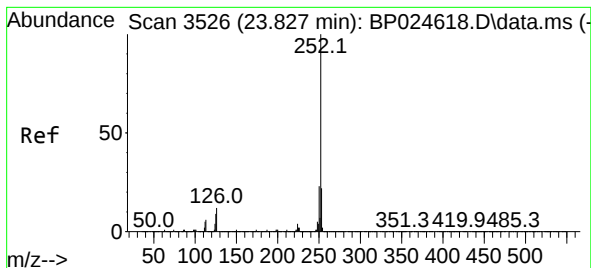
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.9 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 44.093 ng

RT: 23.845 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

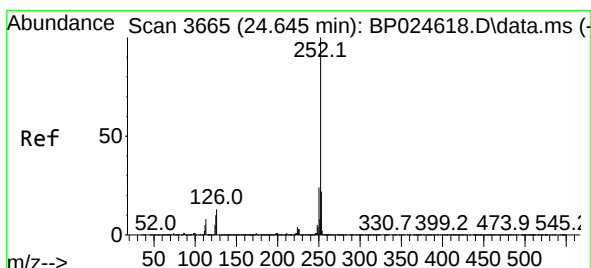
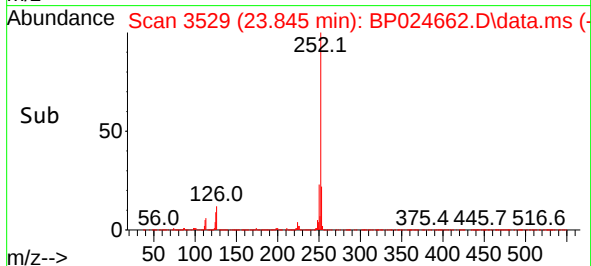
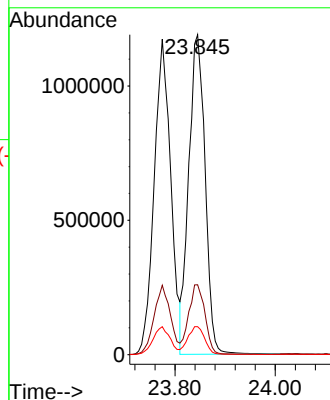
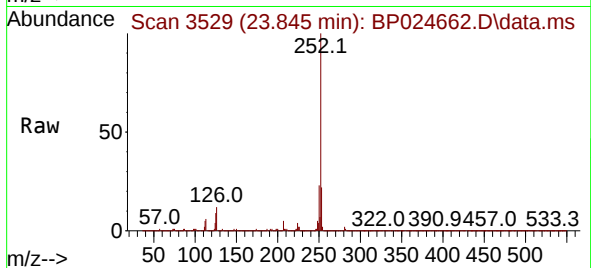
Tgt Ion:252 Resp: 2690483

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.8 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.839 ng

RT: 24.663 min Scan# 3668

Delta R.T. 0.018 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

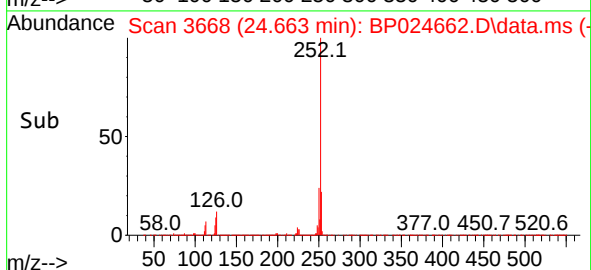
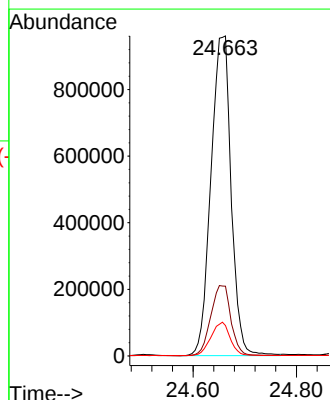
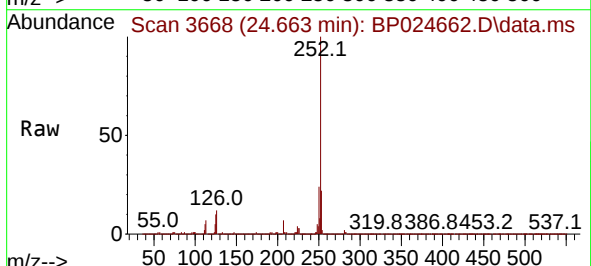
Tgt Ion:252 Resp: 2606948

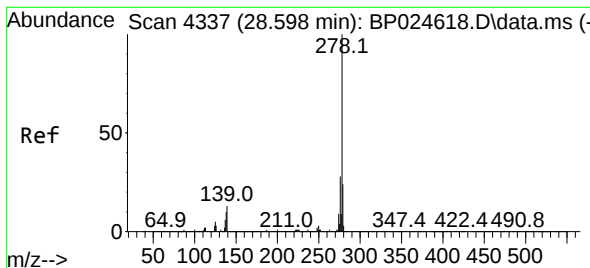
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.5 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 47.650 ng

RT: 28.621 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-05MS

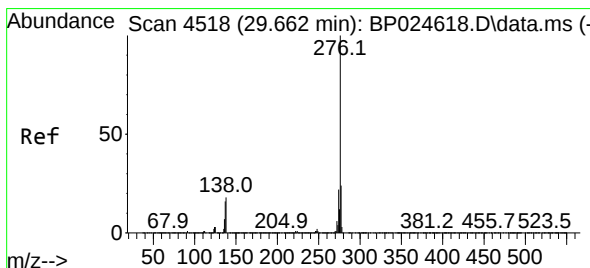
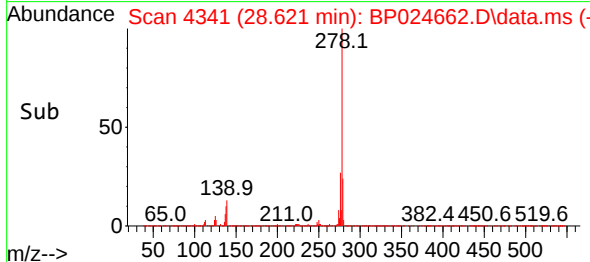
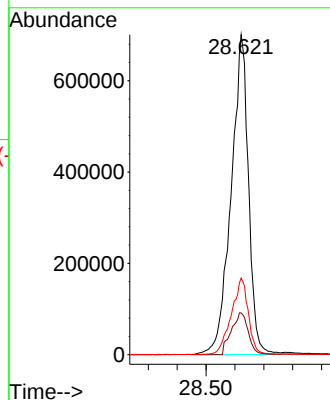
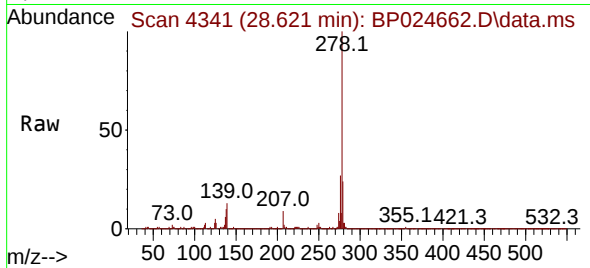
Tgt Ion:278 Resp: 2927881

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.317 ng

RT: 29.704 min Scan# 4525

Delta R.T. 0.041 min

Lab File: BP024662.D

Acq: 16 May 2025 18:20

Tgt Ion:276 Resp: 2891263

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 18.3 14.4 21.6

