

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024833.D
 Acq On : 29 May 2025 17:47
 Operator : RC/JU
 Sample : Q2136-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MSD

Quant Time: May 29 18:19:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	127034	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	508304	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	317079	20.000	ng	0.00
64) Phenanthrene-d10	17.087	188	643680	20.000	ng	0.02
76) Chrysene-d12	21.504	240	763183	20.000	ng	0.01
86) Perylene-d12	24.780	264	927467	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	793908	106.891	ng	0.00
7) Phenol-d6	6.852	99	980681	103.456	ng	0.00
23) Nitrobenzene-d5	8.799	82	593154	58.961	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	633682	117.885	ng	0.02
45) 2-Fluorobiphenyl	12.893	172	1447653	59.815	ng	0.01
79) Terphenyl-d14	19.804	244	2548684	57.263	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	120541	34.562	ng	99
3) Pyridine	3.611	79	294603	38.095	ng	98
4) n-Nitrosodimethylamine	3.523	42	139921	40.983	ng	98
6) Aniline	6.987	93	333919	27.284	ng	98
8) 2-Chlorophenol	7.228	128	415754	49.309	ng	97
9) Benzaldehyde	6.805	77	202273	32.964	ng	95
10) Phenol	6.875	94	459699	46.986	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	327072	40.684	ng	98
12) 1,3-Dichlorobenzene	7.534	146	431569	44.489	ng	98
13) 1,4-Dichlorobenzene	7.681	146	437853	44.878	ng	99
14) 1,2-Dichlorobenzene	7.993	146	422814	44.474	ng	99
15) Benzyl Alcohol	7.893	79	333687	46.323	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	377110	39.169	ng	98
17) 2-Methylphenol	8.105	107	328550	46.820	ng	96
18) Hexachloroethane	8.711	117	163618	43.763	ng	97
19) n-Nitroso-di-n-propyla...	8.452	70	255151	38.912	ng	98
20) 3+4-Methylphenols	8.428	107	442555	46.363	ng	98
22) Acetophenone	8.469	105	574444	45.242	ng	# 97
24) Nitrobenzene	8.840	77	378347	42.736	ng	92
25) Isophorone	9.358	82	727362	41.681	ng	97
26) 2-Nitrophenol	9.540	139	227585	52.461	ng	98
27) 2,4-Dimethylphenol	9.610	122	374376	48.947	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	443792	42.567	ng	98
29) 2,4-Dichlorophenol	10.087	162	387604	52.295	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	400915	48.000	ng	98
31) Naphthalene	10.463	128	1242286	47.162	ng	100
32) Benzoic acid	9.805	122	296147	54.433	ng	94
33) 4-Chloroaniline	10.587	127	178998	16.840	ng	98
34) Hexachlorobutadiene	10.746	225	254065	46.956	ng	99
35) Caprolactam	11.387	113	129285	48.211	ng	92
36) 4-Chloro-3-methylphenol	11.734	107	419959	46.462	ng	96
37) 2-Methylnaphthalene	12.075	142	787122	46.149	ng	99
38) 1-Methylnaphthalene	12.299	142	823925	45.148	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	453499	49.253	ng	99
41) Hexachlorocyclopentadiene	12.422	237	562859	100.813	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	313731	52.605	ng	99

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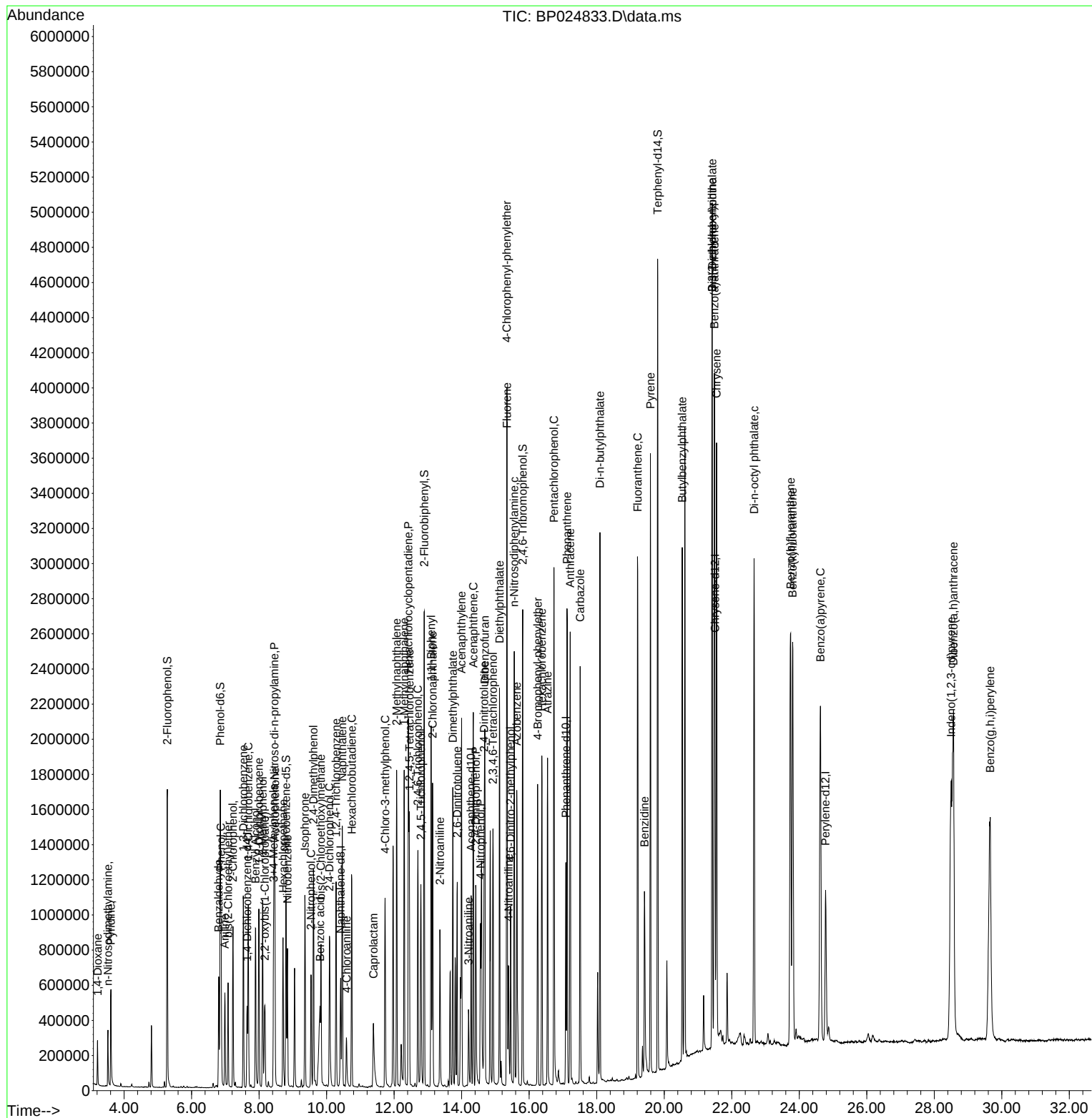
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44) 2,4,5-Trichlorophenol	12.793	196	350471	52.793	ng	97
46) 1,1'-Biphenyl	13.099	154	1111205	47.415	ng	99
47) 2-Chloronaphthalene	13.140	162	849302	47.529	ng	99
48) 2-Nitroaniline	13.357	65	240092	45.383	ng	94
49) Acenaphthylene	13.998	152	1389210	46.457	ng	100
50) Dimethylphthalate	13.740	163	1103427	45.657	ng	100
51) 2,6-Dinitrotoluene	13.869	165	241093	47.235	ng	93
52) Acenaphthene	14.345	154	785936	45.718	ng	98
53) 3-Nitroaniline	14.204	138	135498	25.999	ng	96
54) 2,4-Dinitrophenol	14.422	184	324630	99.192	ng	94
55) Dibenzofuran	14.687	168	1263880	46.092	ng	97
56) 4-Nitrophenol	14.557	139	410052	90.305	ng	98
57) 2,4-Dinitrotoluene	14.669	165	353341	49.103	ng	97
58) Fluorene	15.345	166	1055527	47.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	315300	51.200	ng	95
60) Diethylphthalate	15.122	149	1218597	49.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.340	204	531264	47.645	ng	98
62) 4-Nitroaniline	15.393	138	235932	46.884	ng	96
63) Azobenzene	15.634	77	986278	47.198	ng	94
65) 4,6-Dinitro-2-methylph...	15.451	198	210422	50.609	ng	98
66) n-Nitrosodiphenylamine	15.557	169	932564	47.168	ng	99
67) 4-Bromophenyl-phenylether	16.251	248	365595	48.201	ng	98
68) Hexachlorobenzene	16.375	284	466737	48.427	ng	97
69) Atrazine	16.545	200	359069	49.557	ng	99
70) Pentachlorophenol	16.734	266	637936	117.914	ng	99
71) Phenanthrene	17.122	178	1649361	46.093	ng	100
72) Anthracene	17.216	178	1702132	47.279	ng	100
73) Carbazole	17.510	167	1597395	49.022	ng	99
74) Di-n-butylphthalate	18.098	149	2057989	49.108	ng	99
75) Fluoranthene	19.210	202	2037251	48.705	ng	99
77) Benzidine	19.416	184	865361	41.632	ng	99
78) Pyrene	19.592	202	2132054	46.625	ng	100
80) Butylbenzylphthalate	20.533	149	1020357	50.172	ng	93
81) Benzo(a)anthracene	21.486	228	2295882	47.909	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	594635	33.408	ng	100
83) Chrysene	21.551	228	2154241	47.422	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	1509280	50.491	ng	98
85) Di-n-octyl phthalate	22.663	149	2589596	52.977	ng	98
87) Indeno(1,2,3-cd)pyrene	28.498	276	3275755	48.379	ng	# 89
88) Benzo(b)fluoranthene	23.745	252	2444268	46.043	ng	99
89) Benzo(k)fluoranthene	23.804	252	2522585	46.115	ng	99
90) Benzo(a)pyrene	24.627	252	2384516	46.769	ng	99
91) Dibenzo(a,h)anthracene	28.568	278	2660559	48.299	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2637893	48.155	ng	98

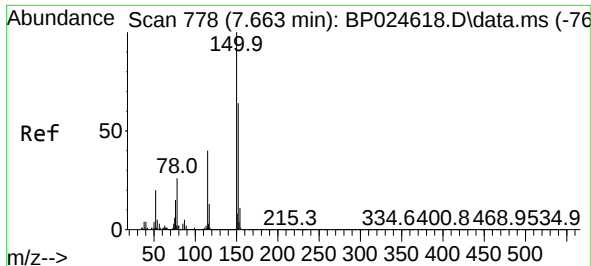
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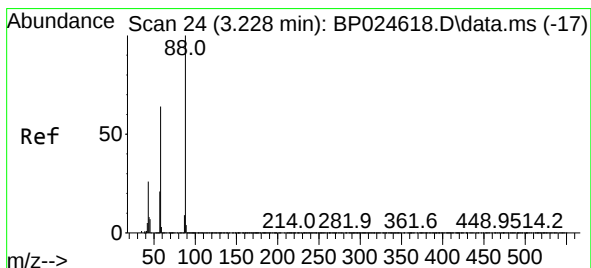
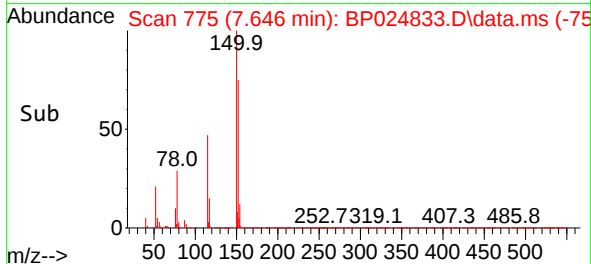
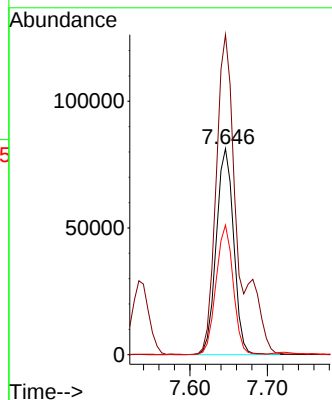
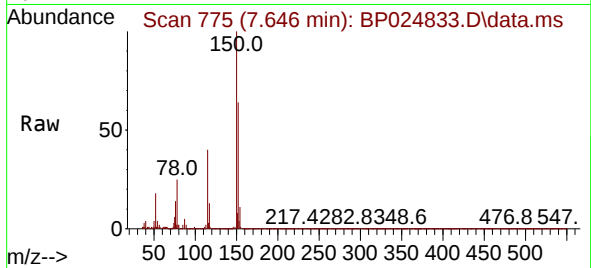




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

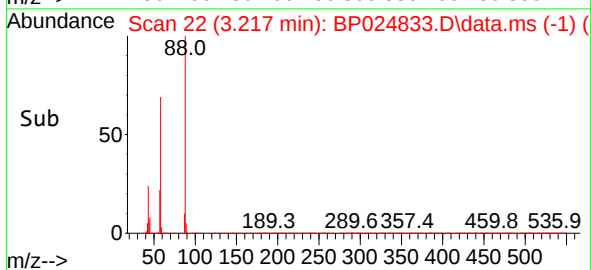
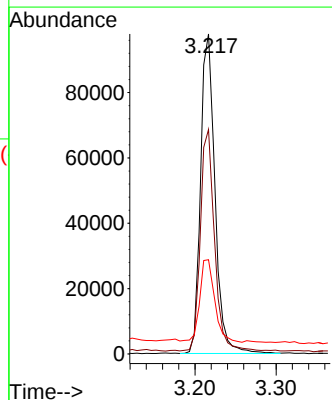
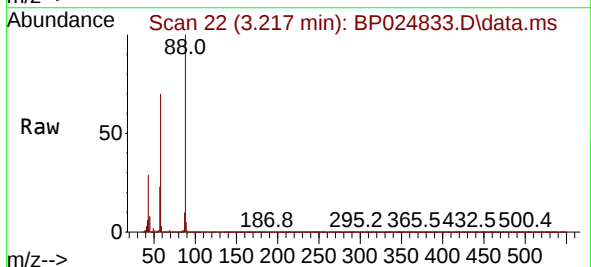
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ClientSampleId :
OR-646-COMP-52MSD

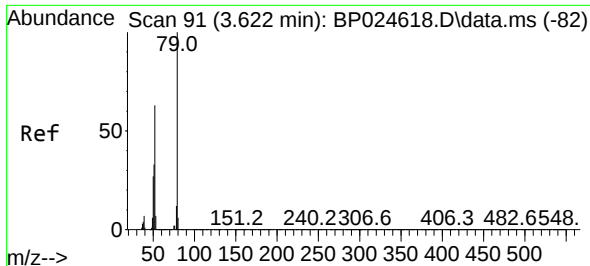
Tgt Ion:152 Resp: 127034
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 62.8 50.1 75.1



#2
1,4-Dioxane
Concen: 34.562 ng
RT: 3.217 min Scan# 22
Delta R.T. -0.006 min
Lab File: BP024833.D
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Tgt Ion: 88 Resp: 120541
Ion Ratio Lower Upper
88 100
58 68.3 54.0 81.0
43 26.9 21.4 32.0

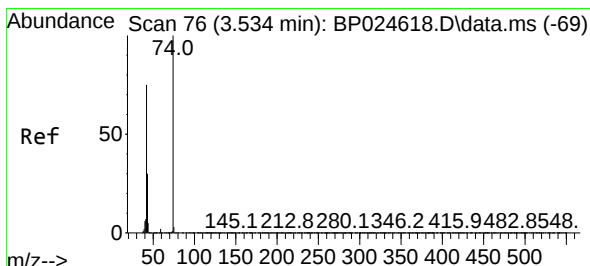
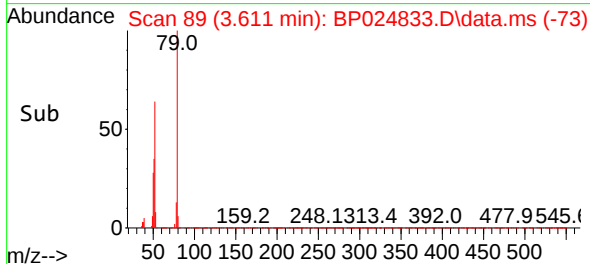
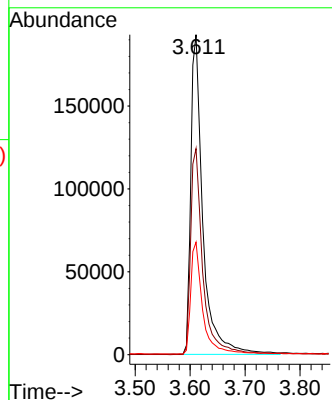
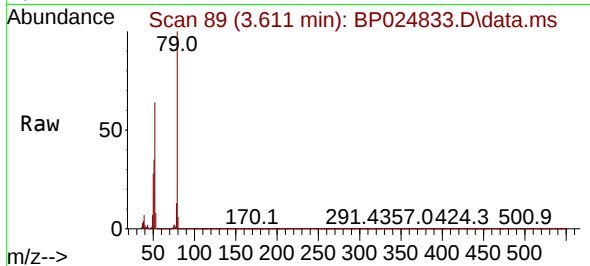




#3
 Pyridine
 Concen: 38.095 ng
 RT: 3.611 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

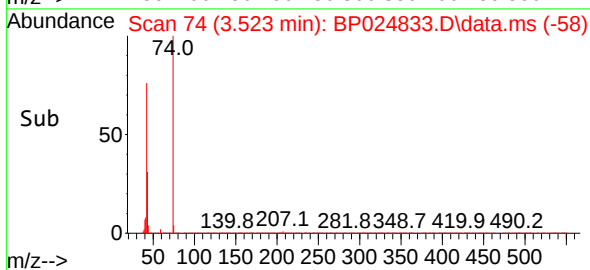
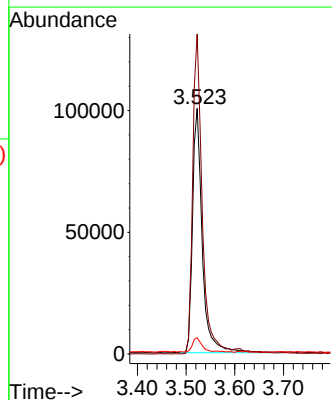
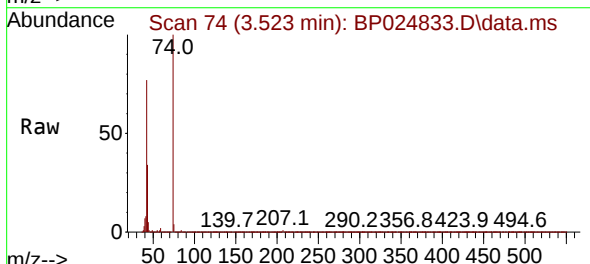
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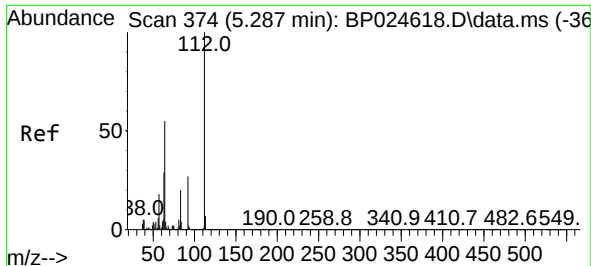
Tgt Ion: 79 Resp: 294603
 Ion Ratio Lower Upper
 79 100
 52 64.4 50.2 75.2
 51 35.1 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 40.983 ng
 RT: 3.523 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

Tgt Ion: 42 Resp: 139921
 Ion Ratio Lower Upper
 42 100
 74 130.3 106.2 159.2
 44 6.6 5.4 8.2

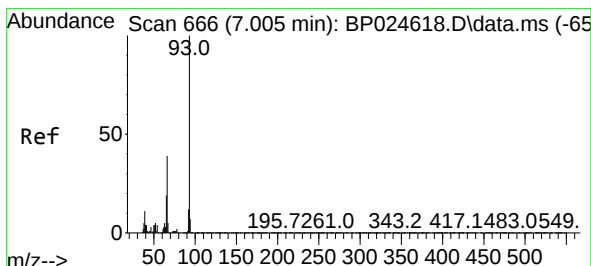
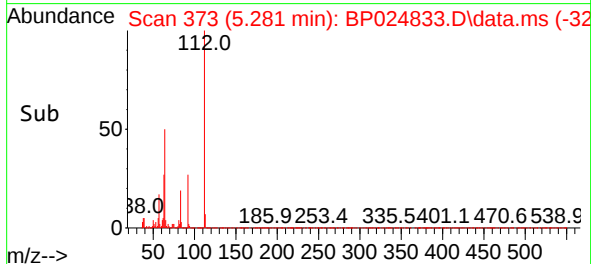
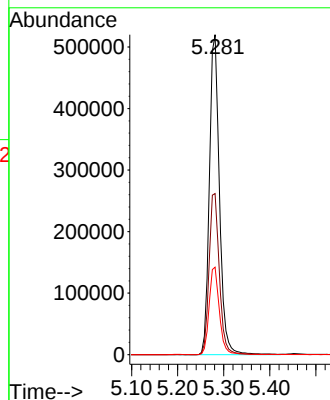
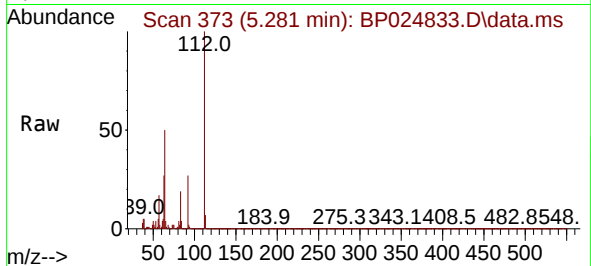




#5
2-Fluorophenol
Concen: 106.891 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024833.D
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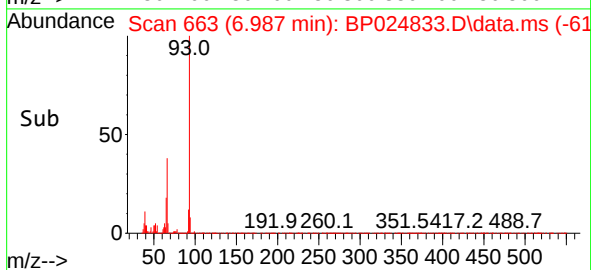
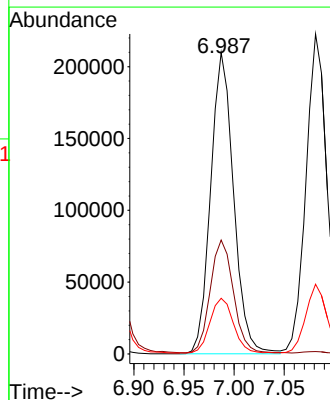
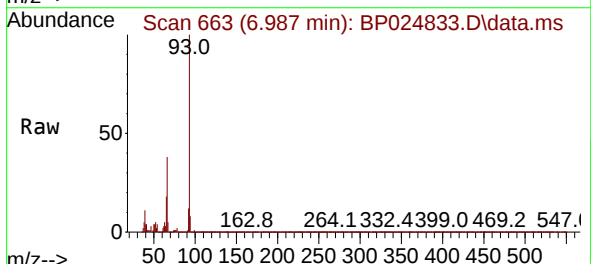
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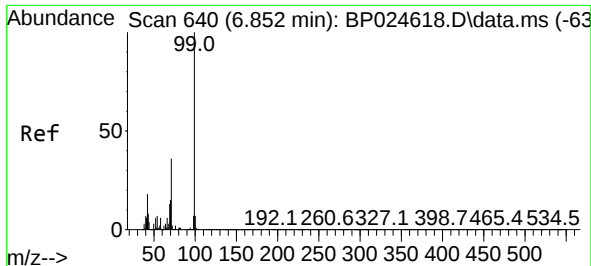
Tgt Ion:112 Resp: 793908
Ion Ratio Lower Upper
112 100
64 50.4 44.1 66.1
63 27.4 23.5 35.3



#6
Aniline
Concen: 27.284 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 93 Resp: 333919
Ion Ratio Lower Upper
93 100
66 37.8 31.0 46.6
65 18.5 15.5 23.3

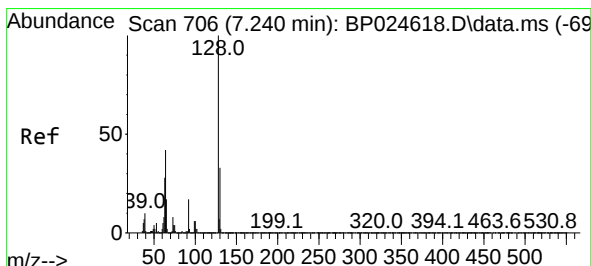
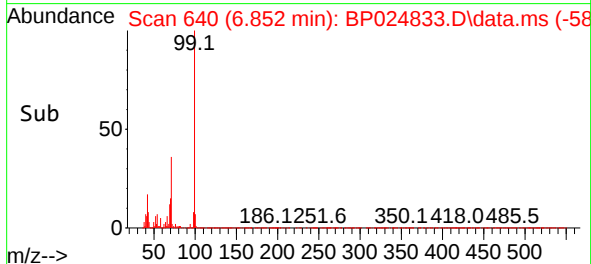
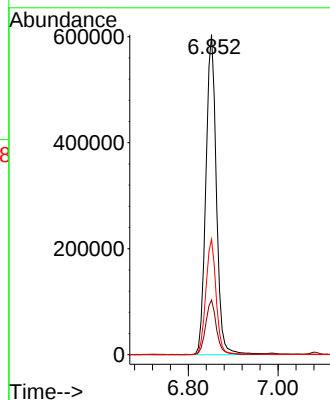
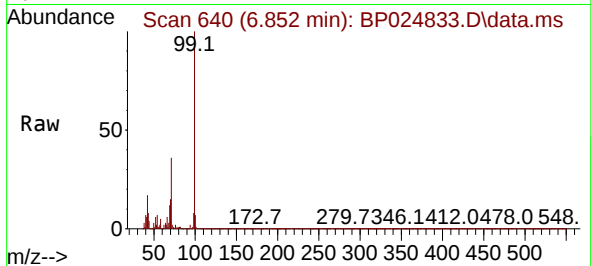




#7
Phenol-d6
Concen: 103.456 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024833.D
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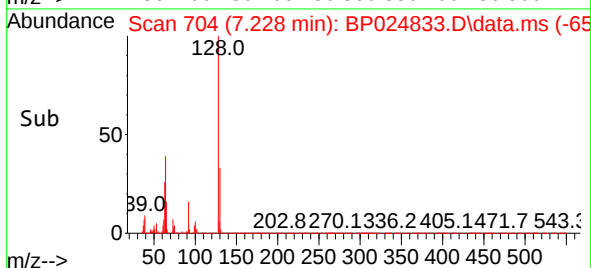
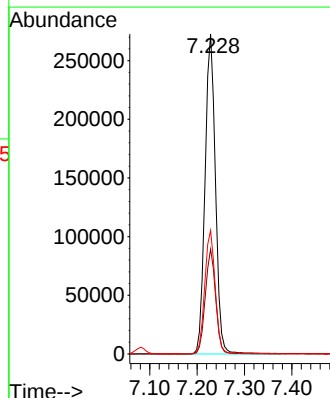
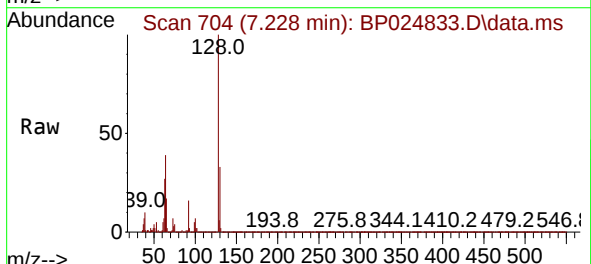
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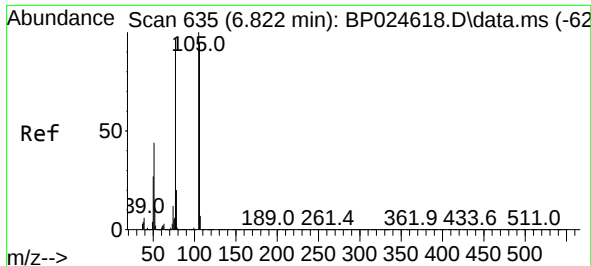
Tgt Ion: 99 Resp: 980681
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 36.0 29.2 43.8



#8
2-Chlorophenol
Concen: 49.309 ng
RT: 7.228 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 128 Resp: 415754
Ion Ratio Lower Upper
128 100
130 32.8 13.0 53.0
64 38.6 22.3 62.3

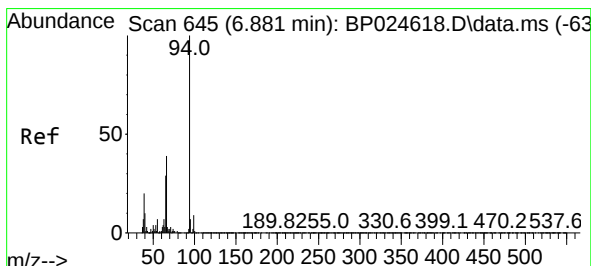
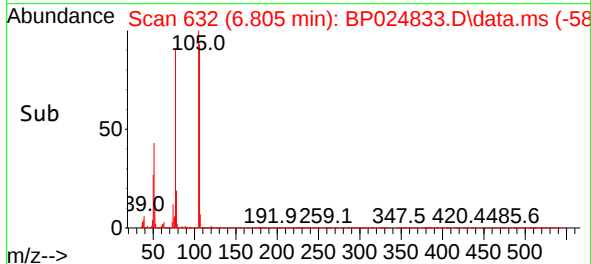
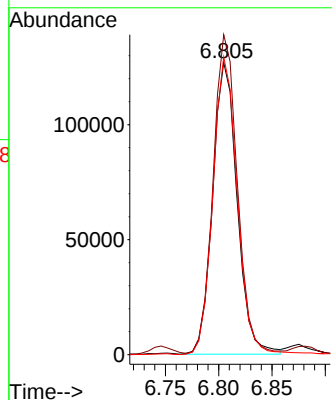
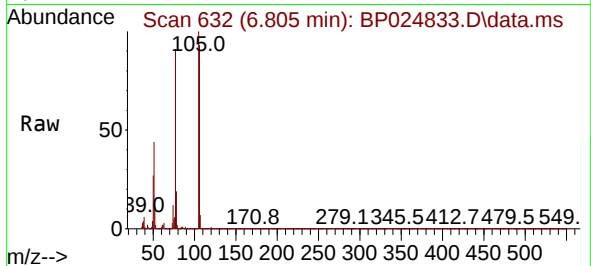




#9
Benzaldehyde
Concen: 32.964 ng
RT: 6.805 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

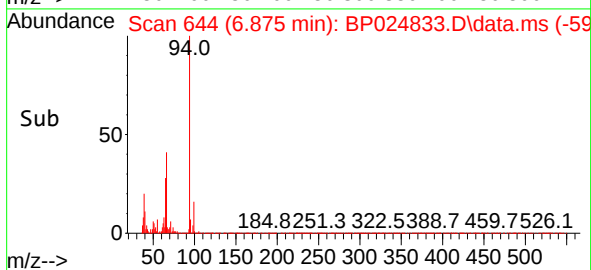
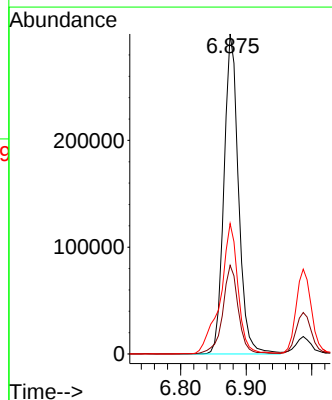
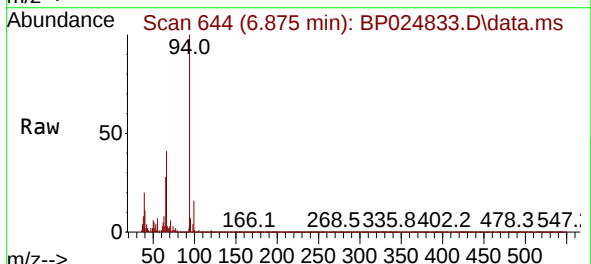
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ClientSampleId :
OR-646-COMP-52MSD

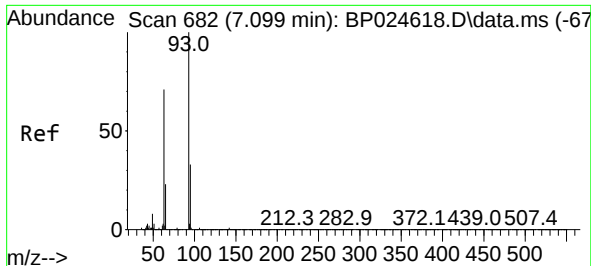
Tgt Ion: 77 Resp: 202273
Ion Ratio Lower Upper
77 100
105 109.5 83.3 123.3
106 101.9 78.0 118.0



#10
Phenol
Concen: 46.986 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 94 Resp: 459699
Ion Ratio Lower Upper
94 100
65 27.7 8.7 48.7
66 40.8 19.4 59.4

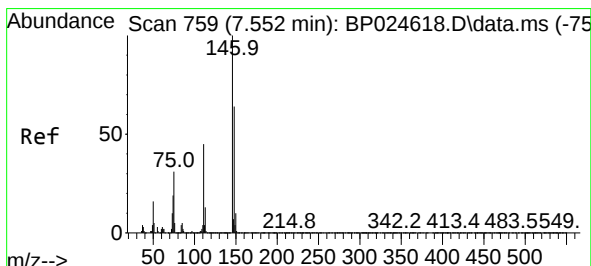
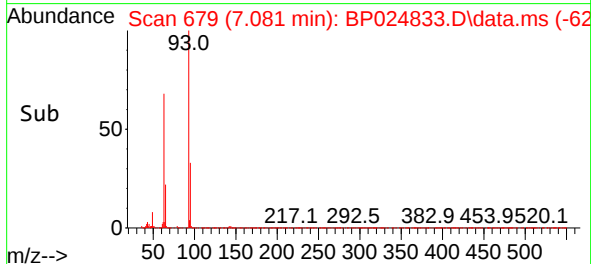
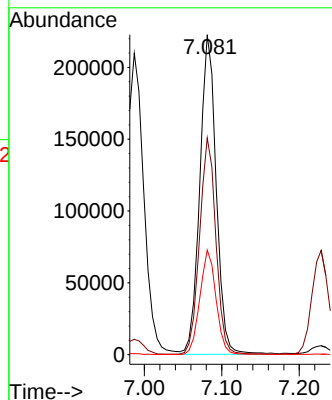
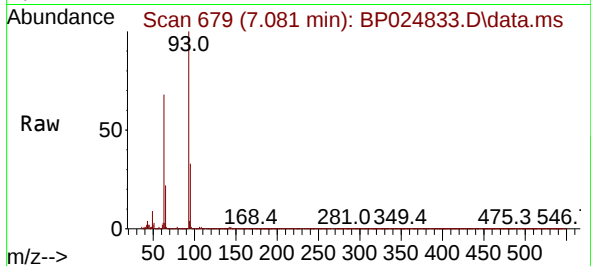




#11
bis(2-Chloroethyl)ether
Concen: 40.684 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

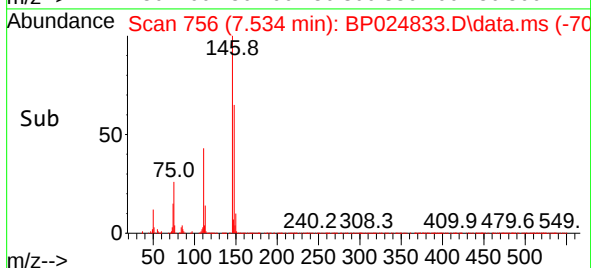
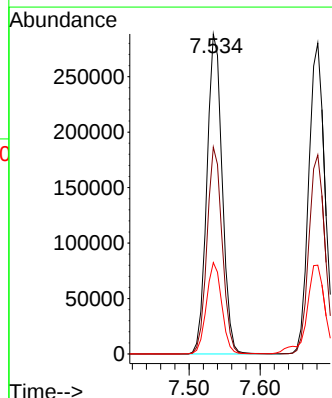
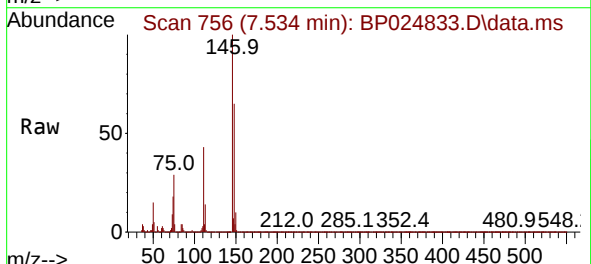
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BNA_P
ClientSampleId :
OR-646-COMP-52MSD

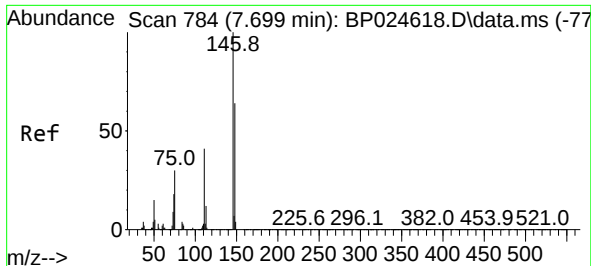
Tgt Ion: 93 Resp: 327072
Ion Ratio Lower Upper
93 100
63 67.8 50.6 90.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.489 ng
RT: 7.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:146 Resp: 431569
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 28.6 25.2 37.8

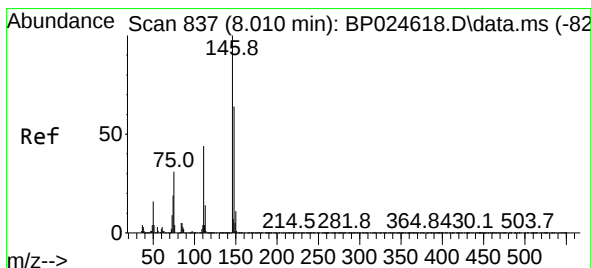
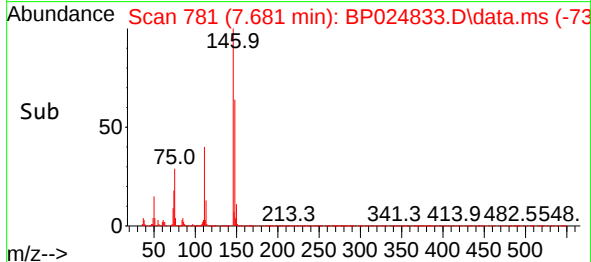
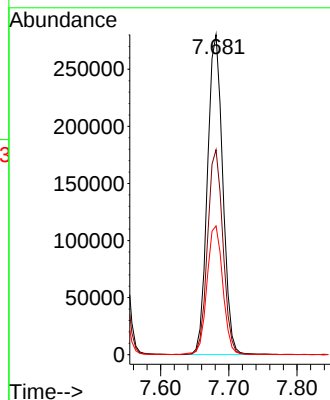
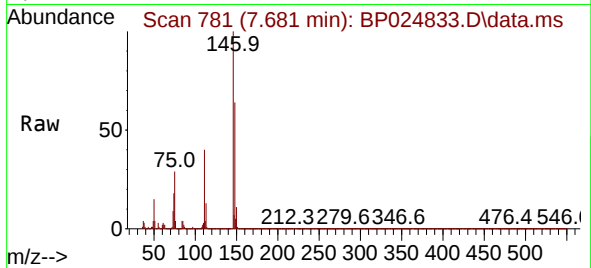




#13
1,4-Dichlorobenzene
Concen: 44.878 ng
RT: 7.681 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

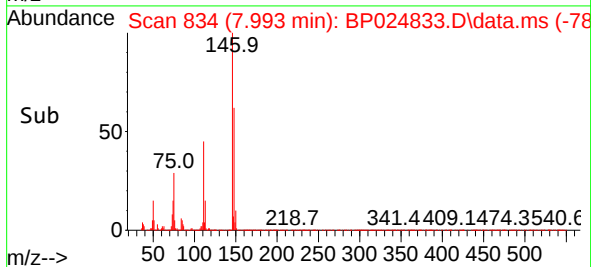
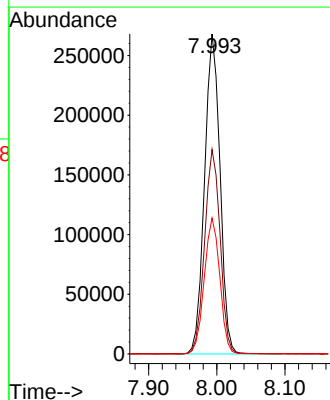
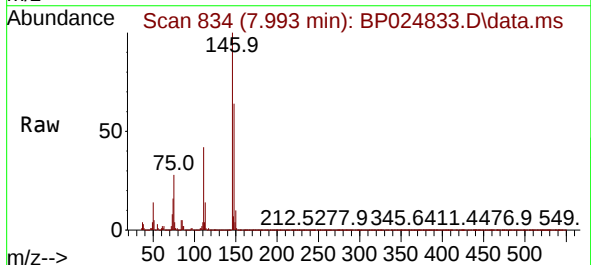
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

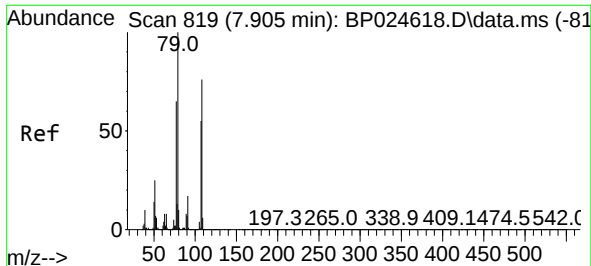
Tgt Ion:146 Resp: 437853
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 40.2 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 44.474 ng
RT: 7.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:146 Resp: 422814
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 42.5 35.2 52.8

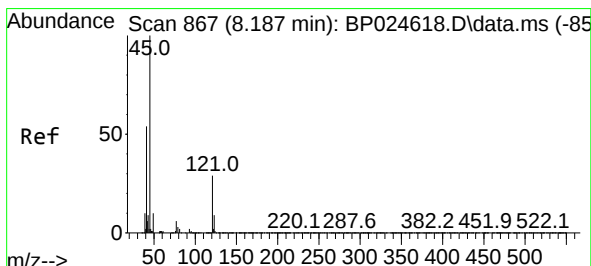
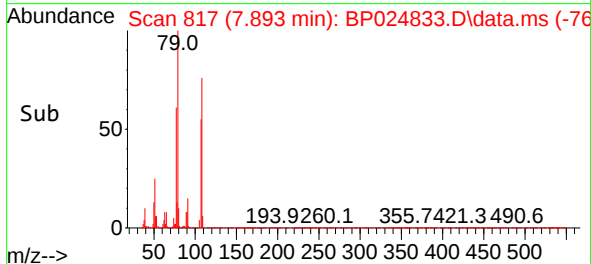
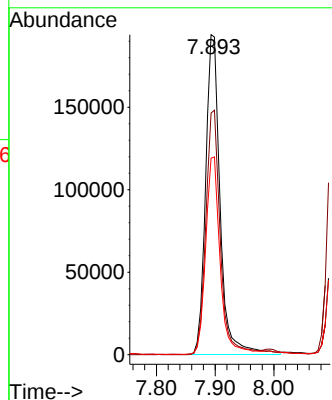
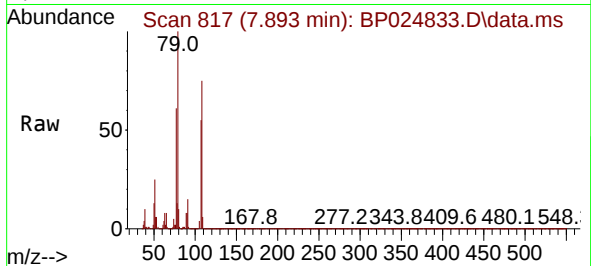




#15
Benzyl Alcohol
Concen: 46.323 ng
RT: 7.893 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

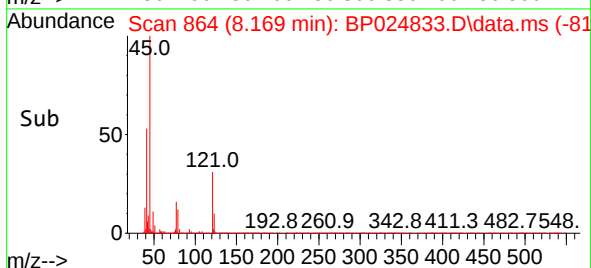
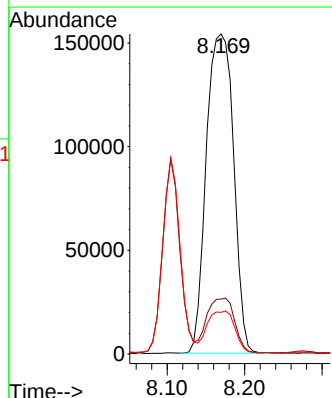
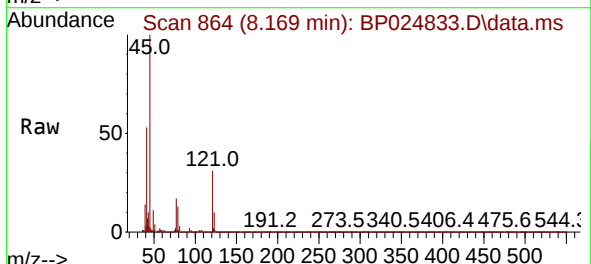
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

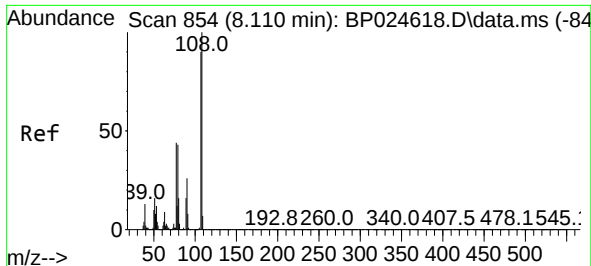
Tgt Ion: 79 Resp: 333687
Ion Ratio Lower Upper
79 100
108 75.5 60.8 91.2
77 61.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.169 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 45 Resp: 377110
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.7
79 13.0 0.0 34.0

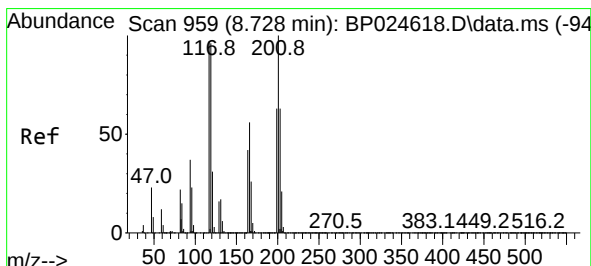
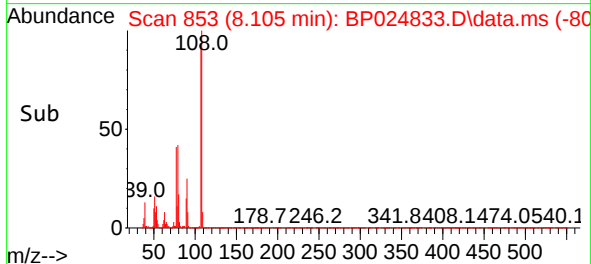
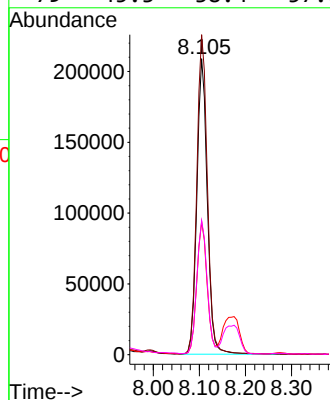
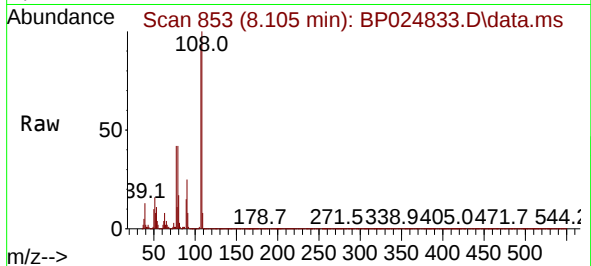




#17
2-Methylphenol
Concen: 46.820 ng
RT: 8.105 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

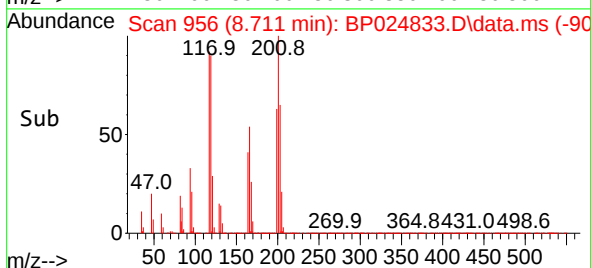
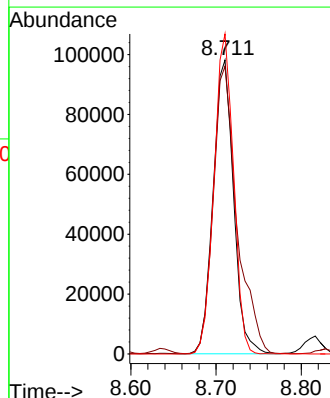
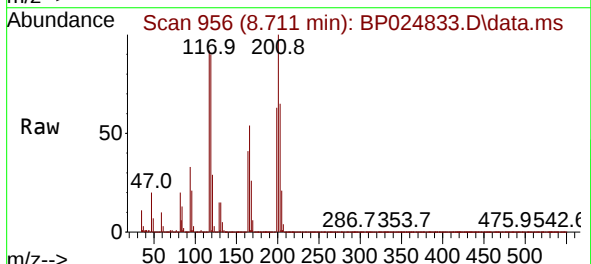
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

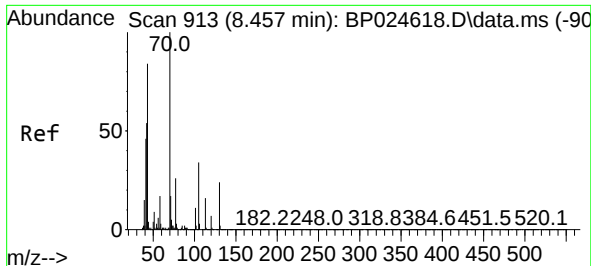
Tgt Ion:	107	Resp:	328550
Ion	Ratio	Lower	Upper
107	100		
108	108.1	88.9	133.3
77	44.9	39.0	58.6
79	45.3	38.4	57.6



#18
Hexachloroethane
Concen: 43.763 ng
RT: 8.711 min Scan# 956
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:	117	Resp:	163618
Ion	Ratio	Lower	Upper
117	100		
119	97.9	79.4	119.0
201	108.9	82.7	124.1

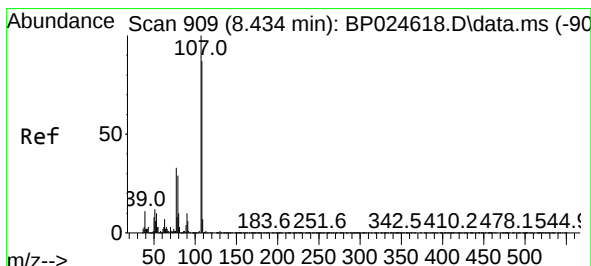
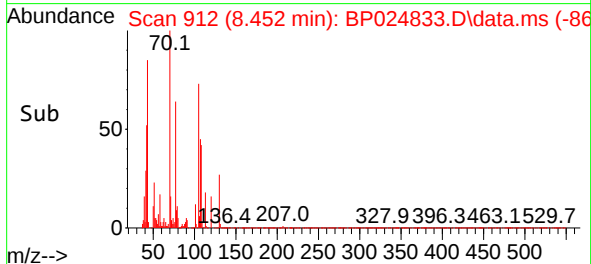
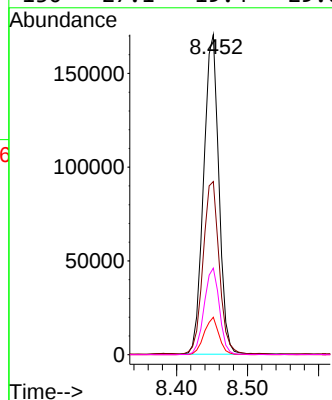
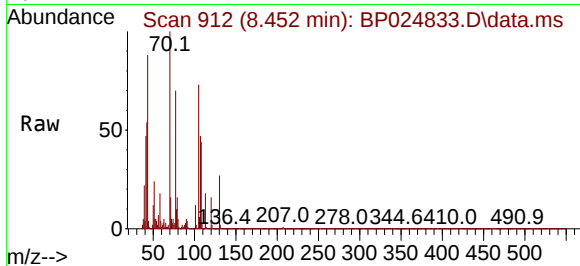




#19
n-Nitroso-di-n-propylamine
Concen: 38.912 ng
RT: 8.452 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

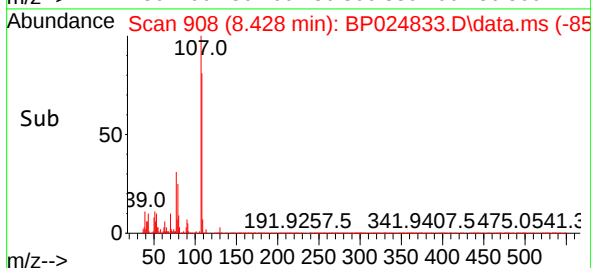
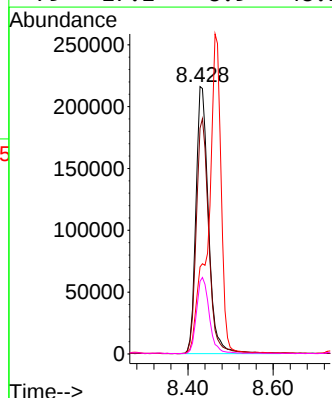
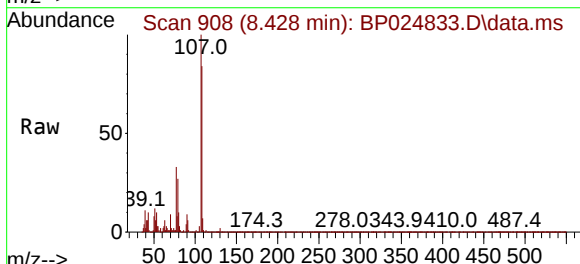
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

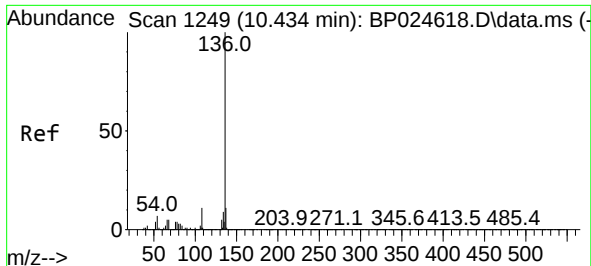
Tgt Ion: 70 Resp: 255151
Ion Ratio Lower Upper
70 100
42 54.1 43.0 64.6
101 11.7 8.7 13.1
130 27.1 19.4 29.0



#20
3+4-Methylphenols
Concen: 46.363 ng
RT: 8.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 107 Resp: 442555
Ion Ratio Lower Upper
107 100
108 84.5 66.7 106.7
77 32.6 13.1 53.1
79 27.2 8.9 48.9

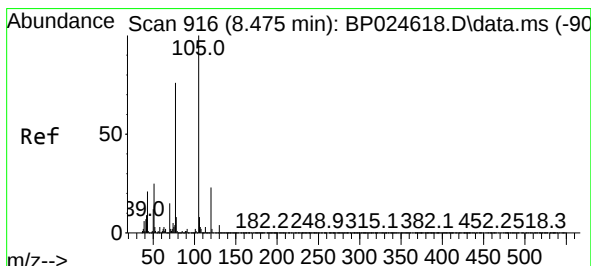
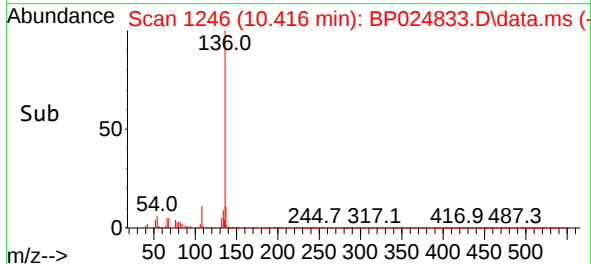
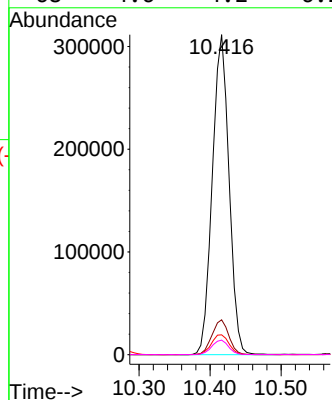
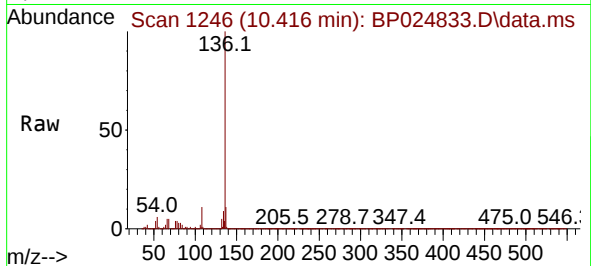




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

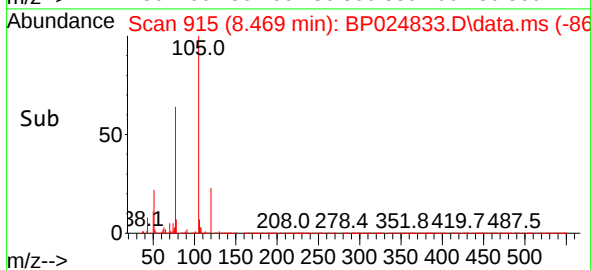
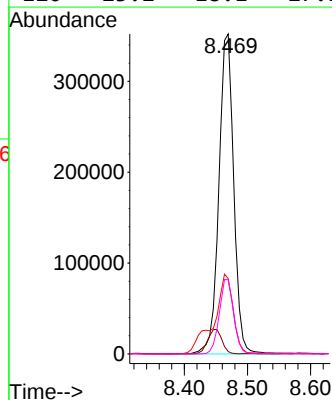
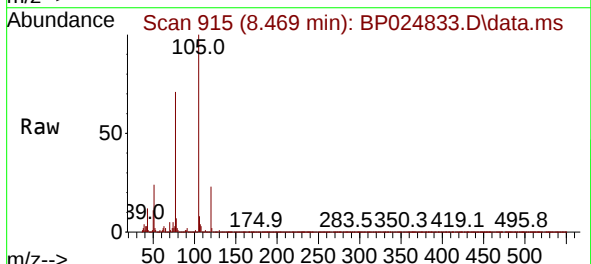
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

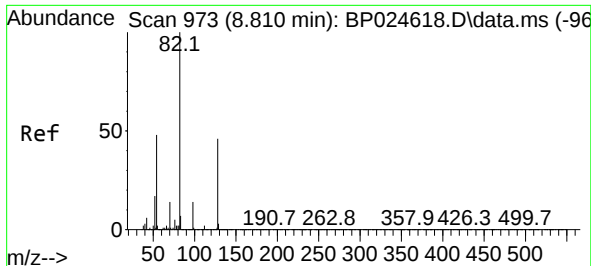
Tgt Ion:	136	Resp:	508304
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.2	5.5	8.3
68	4.6	4.2	6.2



#22
Acetophenone
Concen: 45.242 ng
RT: 8.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:	105	Resp:	574444
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.0	3.0
51	23.5	20.4	30.6
120	23.2	18.1	27.1

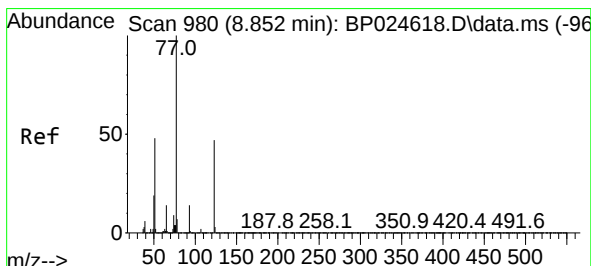
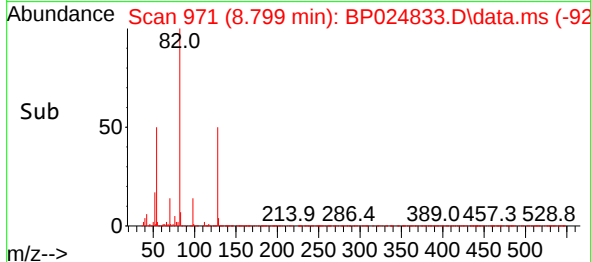
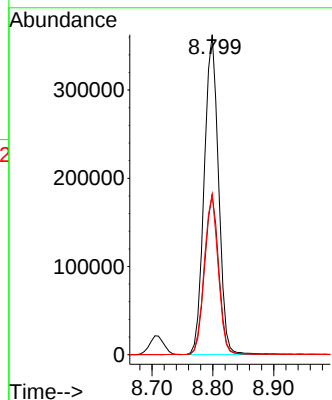
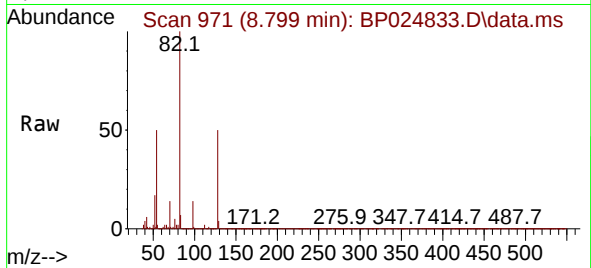




#23
Nitrobenzene-d5
Concen: 58.961 ng
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

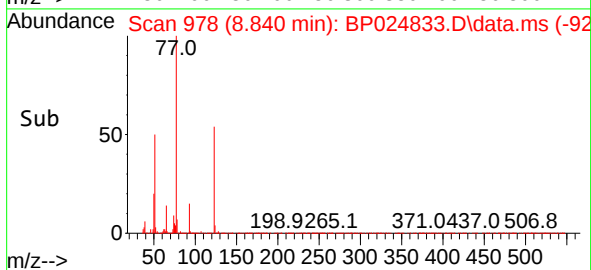
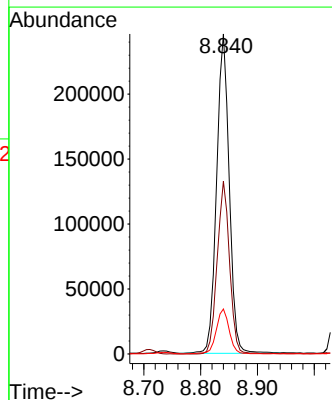
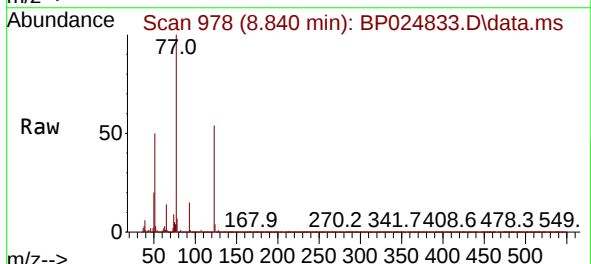
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

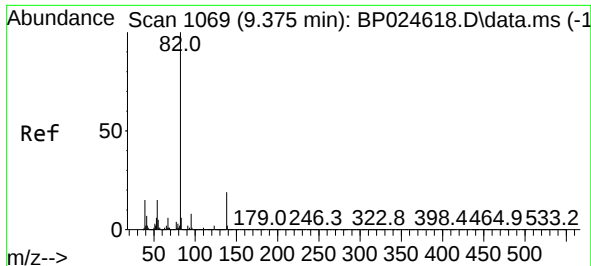
Tgt Ion: 82 Resp: 593154
Ion Ratio Lower Upper
82 100
128 50.0 37.0 55.4
54 50.1 38.7 58.1



#24
Nitrobenzene
Concen: 42.736 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 77 Resp: 378347
Ion Ratio Lower Upper
77 100
123 54.0 37.4 56.0
65 14.0 11.3 16.9

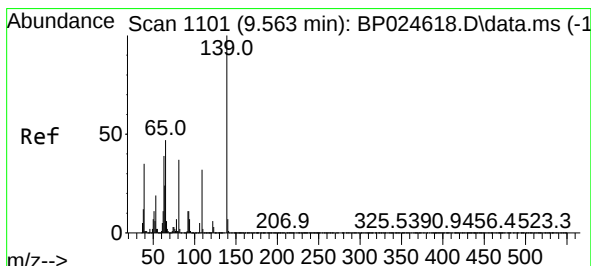
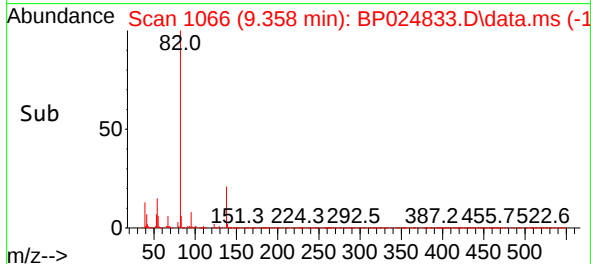
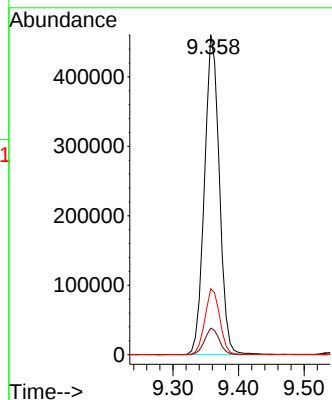
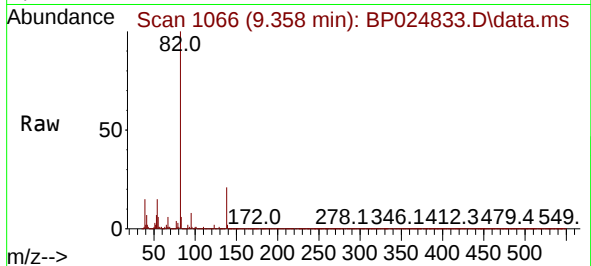




#25
Isophorone
Concen: 41.681 ng
RT: 9.358 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

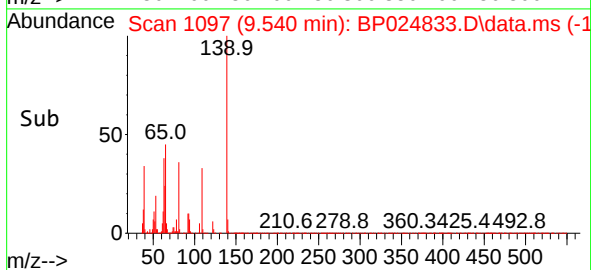
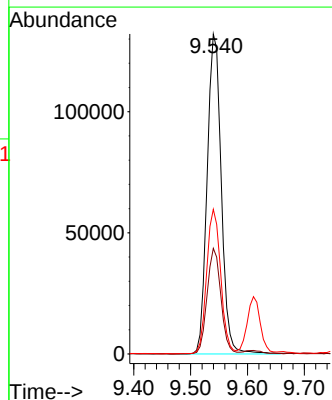
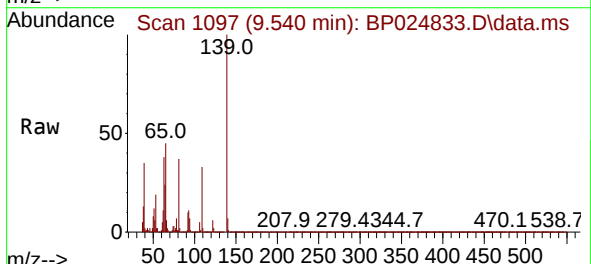
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

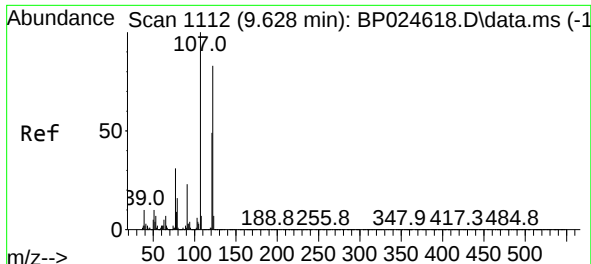
Tgt Ion: 82 Resp: 727362
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 20.6 15.3 22.9



#26
2-Nitrophenol
Concen: 52.461 ng
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 139 Resp: 227585
Ion Ratio Lower Upper
139 100
109 33.0 25.9 38.9
65 45.2 37.9 56.9

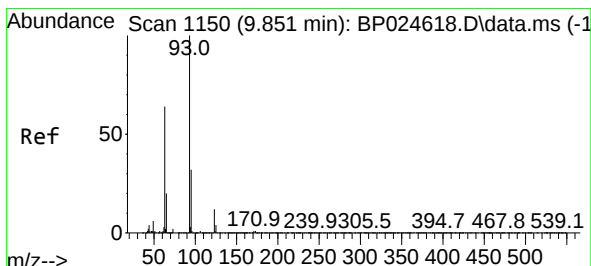
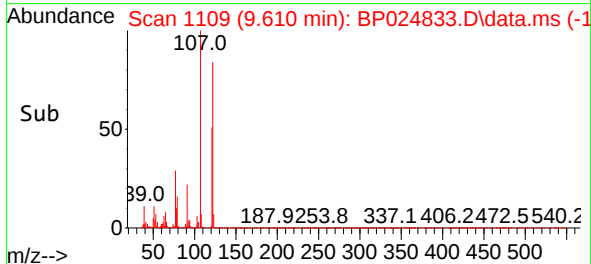
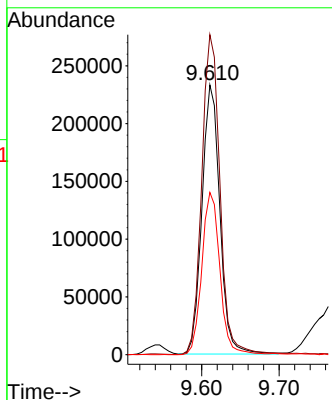
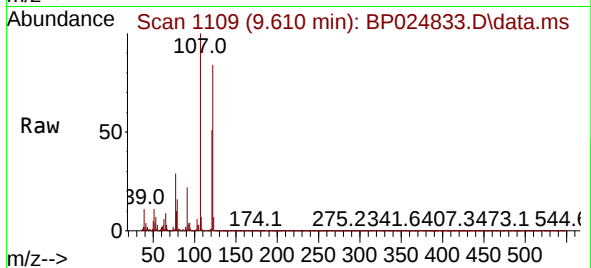




#27
2,4-Dimethylphenol
Concen: 48.947 ng
RT: 9.610 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

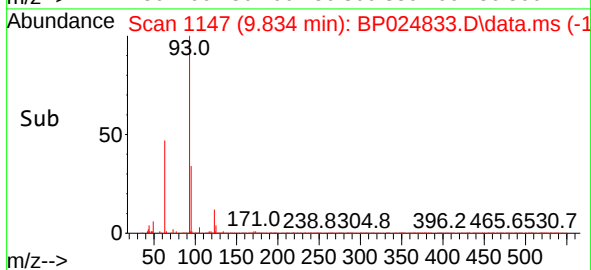
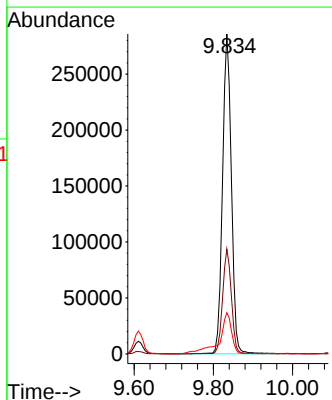
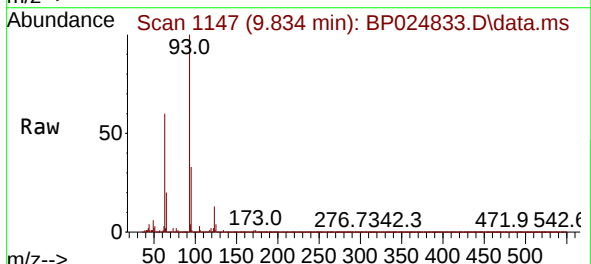
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

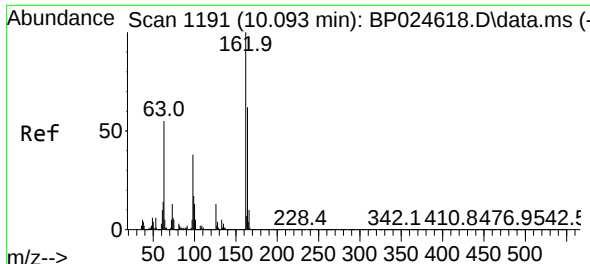
Tgt Ion:122 Resp: 374376
Ion Ratio Lower Upper
122 100
107 118.6 96.2 144.2
121 60.1 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.567 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 93 Resp: 443792
Ion Ratio Lower Upper
93 100
95 32.8 25.5 38.3
123 12.9 9.7 14.5

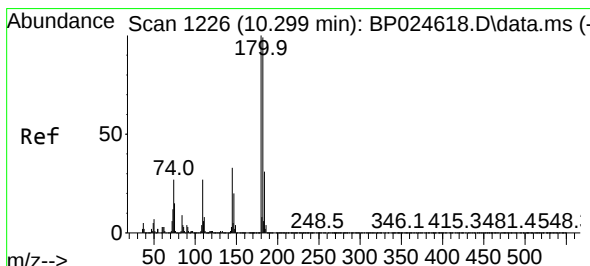
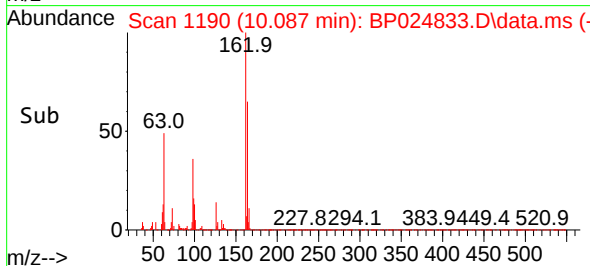
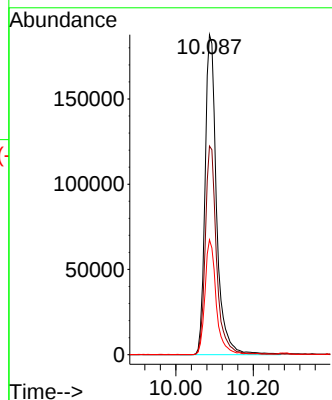
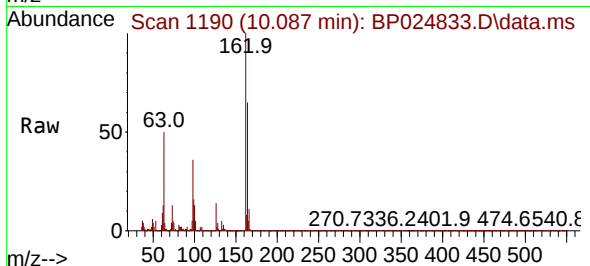




#29
2,4-Dichlorophenol
Concen: 52.295 ng
RT: 10.087 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

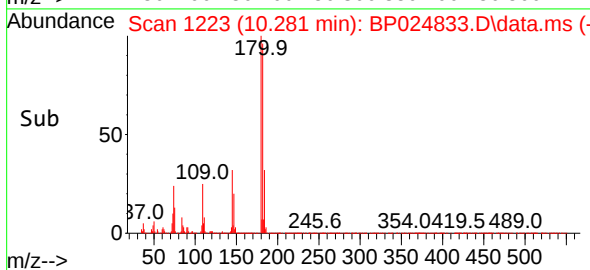
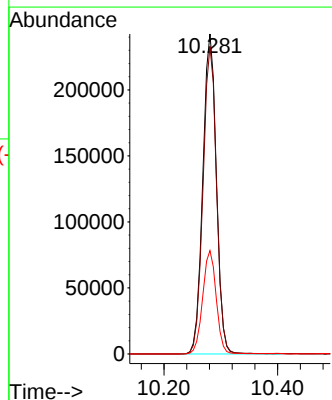
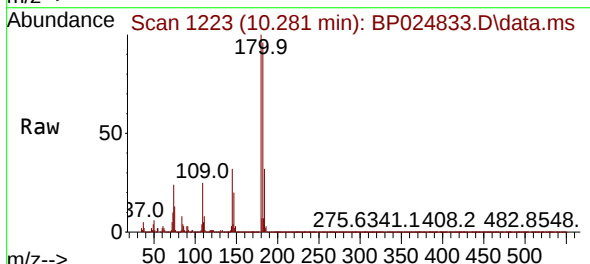
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

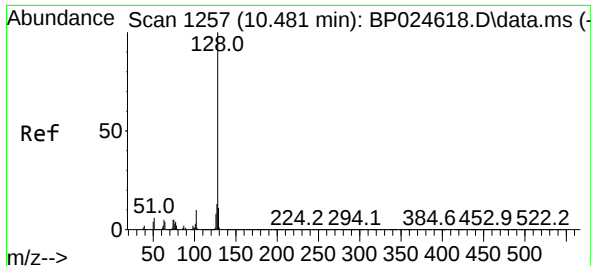
Tgt Ion:162 Resp: 387604
Ion Ratio Lower Upper
162 100
164 65.2 42.3 82.3
98 35.9 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 48.000 ng
RT: 10.281 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:180 Resp: 400915
Ion Ratio Lower Upper
180 100
182 96.1 79.0 118.4
145 32.3 26.6 39.8

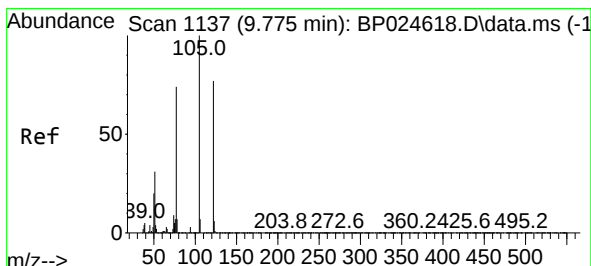
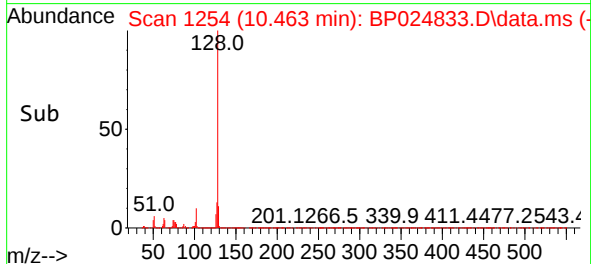
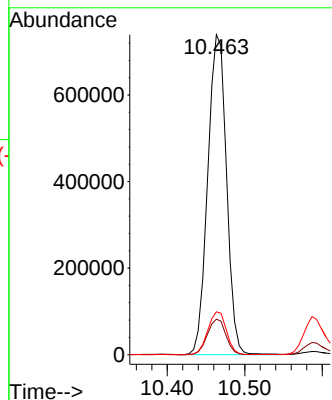
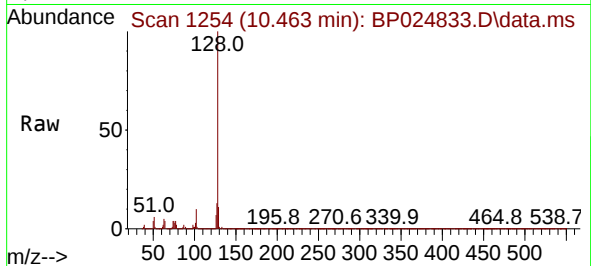




#31
Naphthalene
Concen: 47.162 ng
RT: 10.463 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

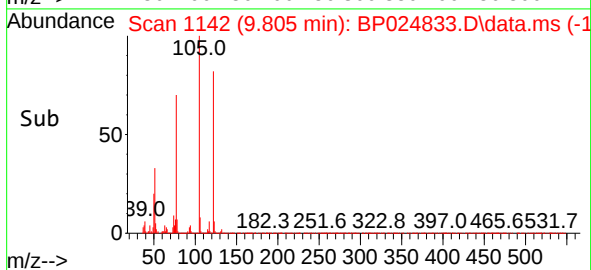
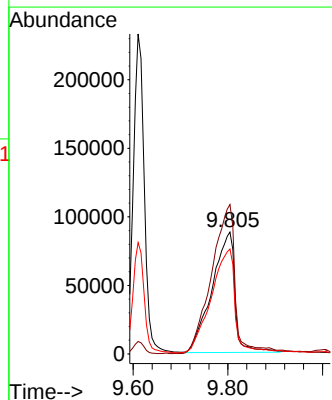
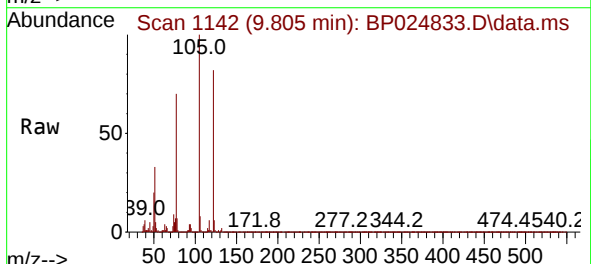
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

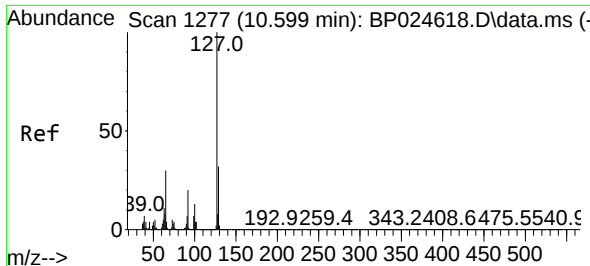
Tgt Ion:128 Resp: 1242286
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 54.433 ng
RT: 9.805 min Scan# 1142
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:122 Resp: 296147
Ion Ratio Lower Upper
122 100
105 122.5 106.9 146.9
77 86.1 75.1 115.1

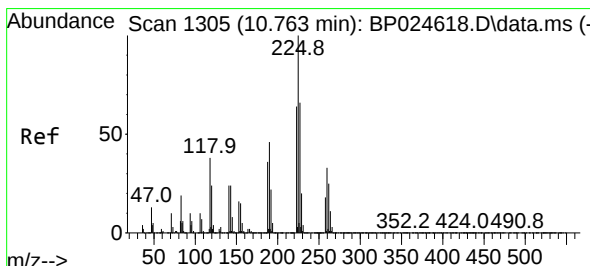
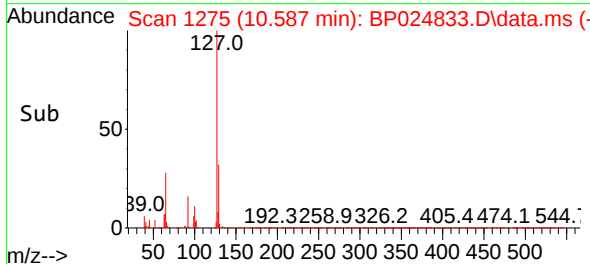
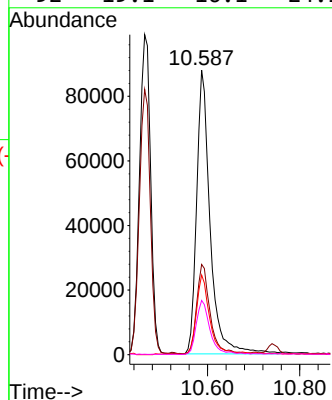
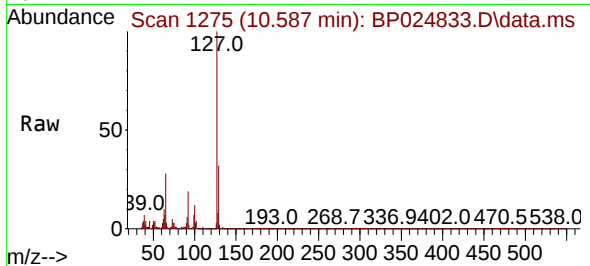




#33
4-Chloroaniline
Concen: 16.840 ng
RT: 10.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

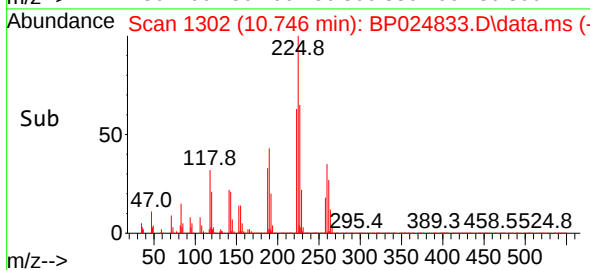
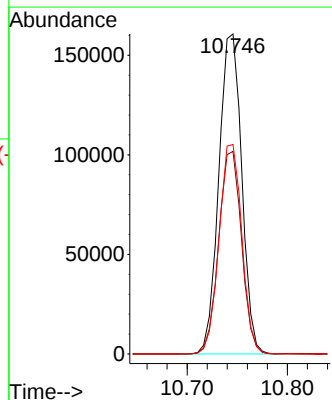
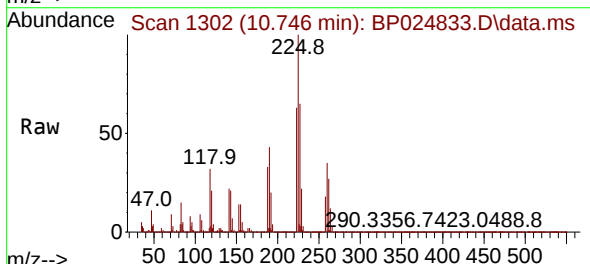
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

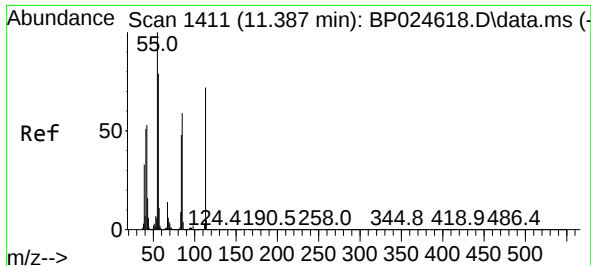
Tgt Ion:	127	Resp:	178998
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	28.0	23.9	35.9
92	19.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.956 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:	225	Resp:	254065
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	65.5	53.1	79.7

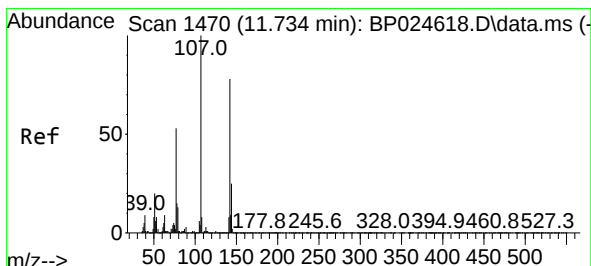
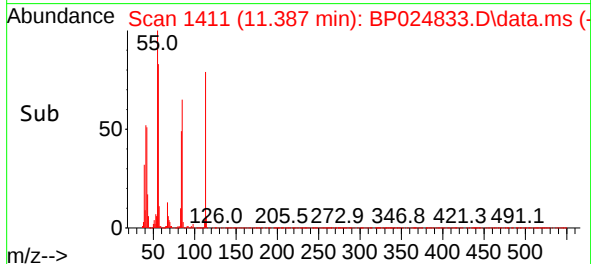
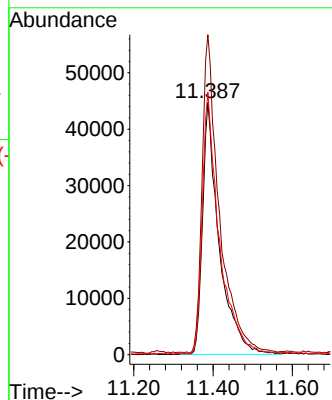
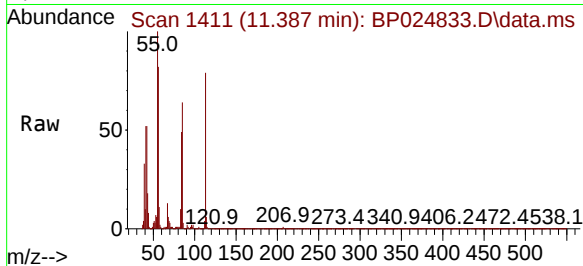




#35
Caprolactam
Concen: 48.211 ng
RT: 11.387 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

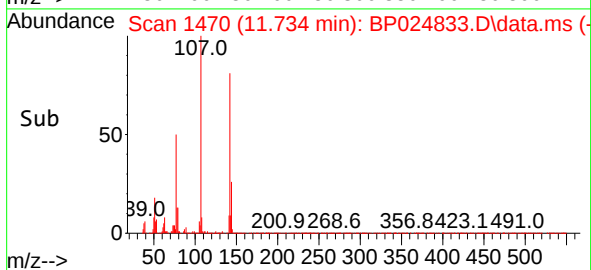
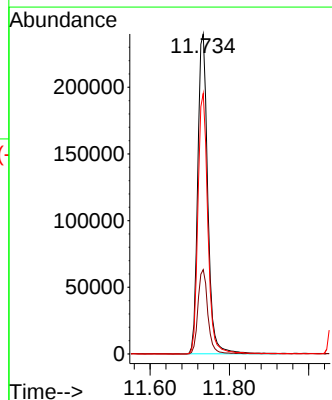
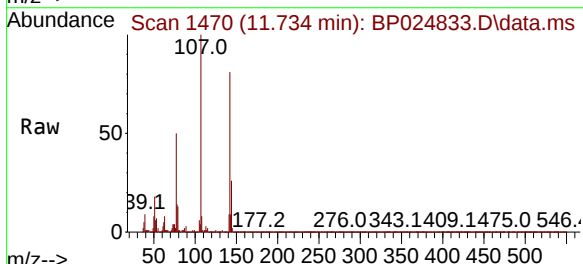
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

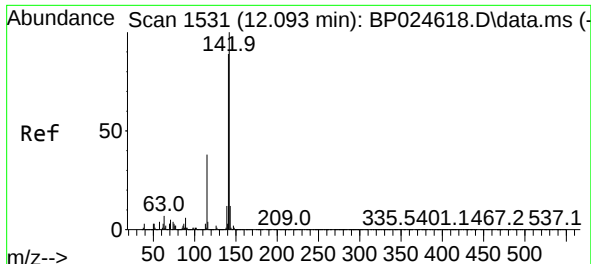
Tgt Ion:113 Resp: 129285
Ion Ratio Lower Upper
113 100
55 126.9 119.0 159.0
56 104.1 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 46.462 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:107 Resp: 419959
Ion Ratio Lower Upper
107 100
144 26.3 20.1 30.1
142 81.4 62.1 93.1

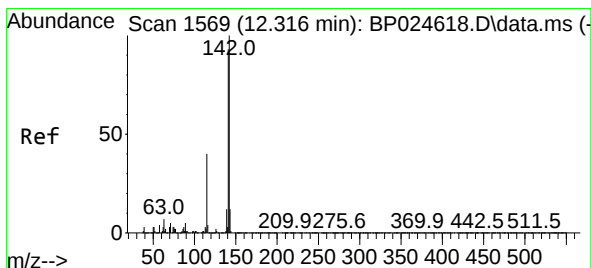
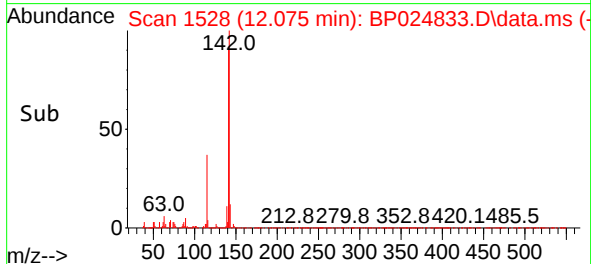
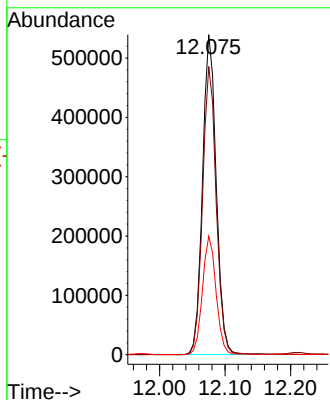
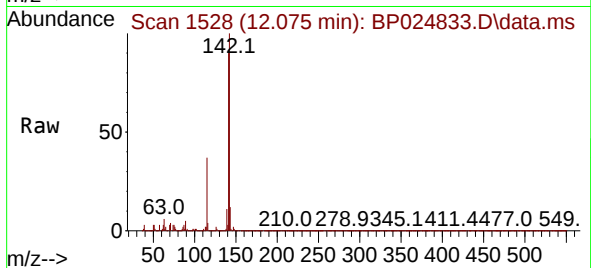




#37
2-Methylnaphthalene
Concen: 46.149 ng
RT: 12.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

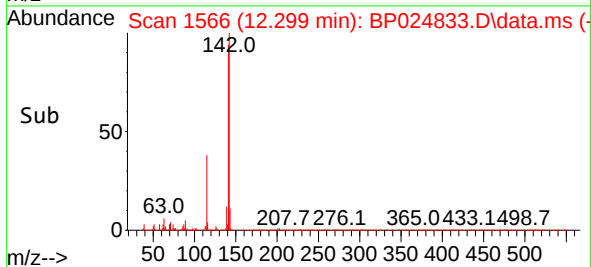
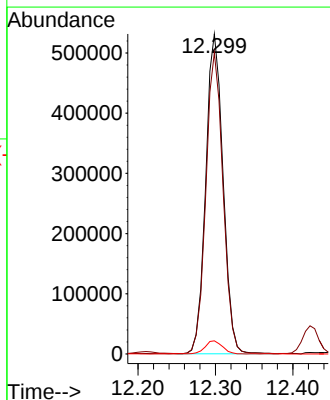
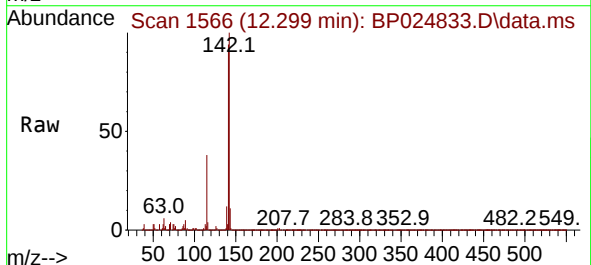
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

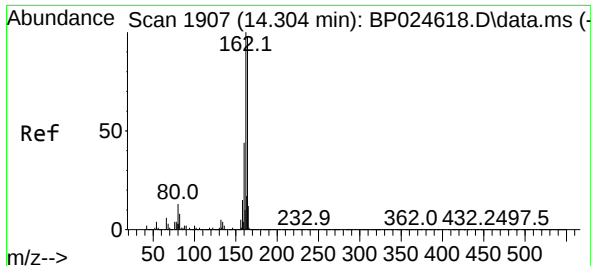
Tgt Ion:142 Resp: 787122
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 37.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 45.148 ng
RT: 12.299 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:142 Resp: 823925
Ion Ratio Lower Upper
142 100
141 94.2 74.7 112.1
116 4.1 3.4 5.2

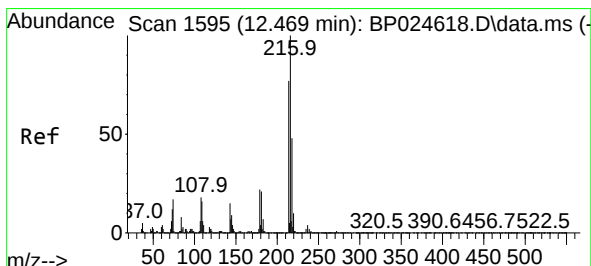
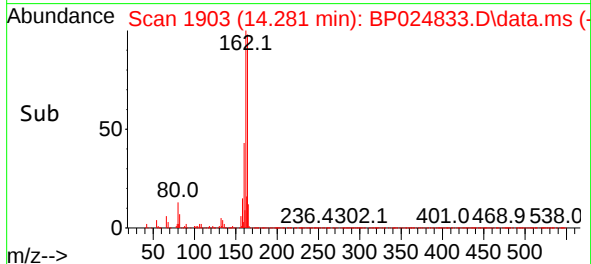
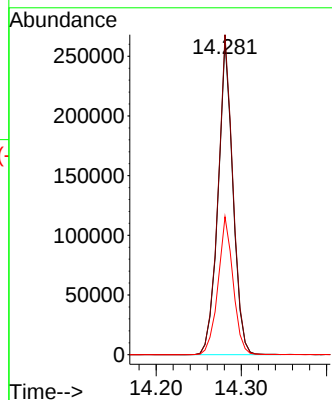
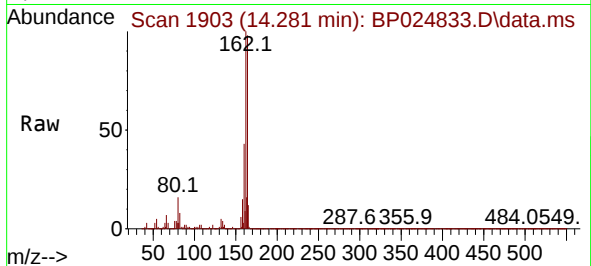




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

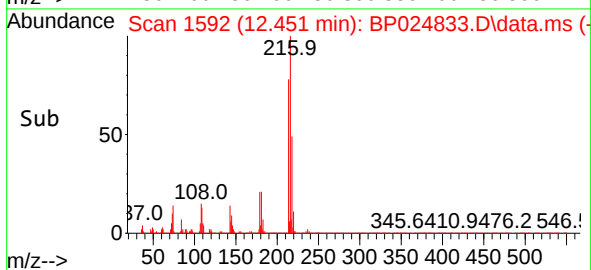
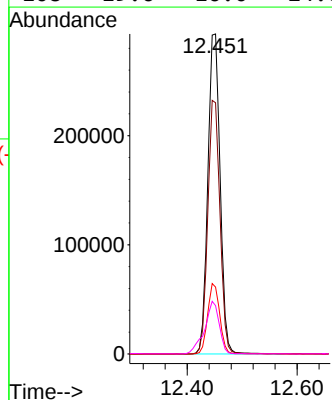
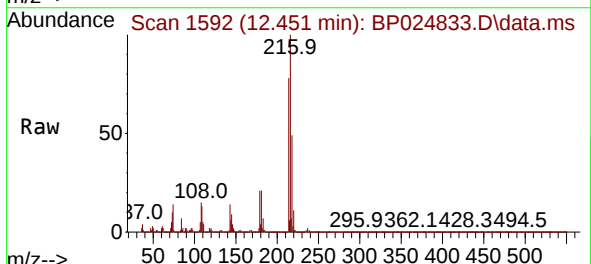
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

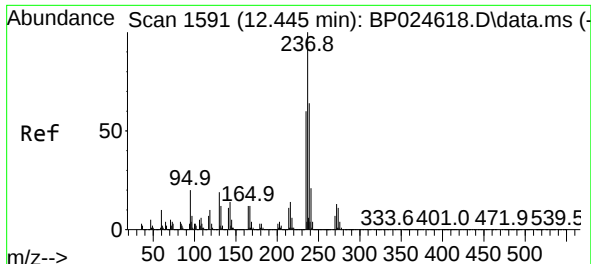
Tgt Ion:164 Resp: 317079
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 44.0 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.253 ng
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:216 Resp: 453499
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 21.6 17.7 26.5
108 19.6 16.0 24.0

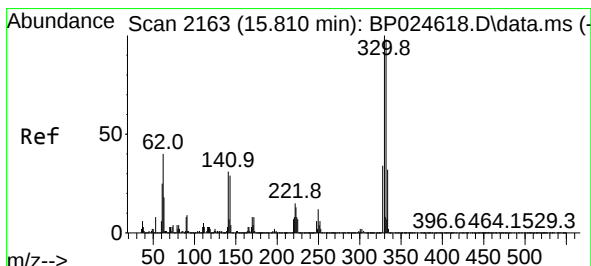
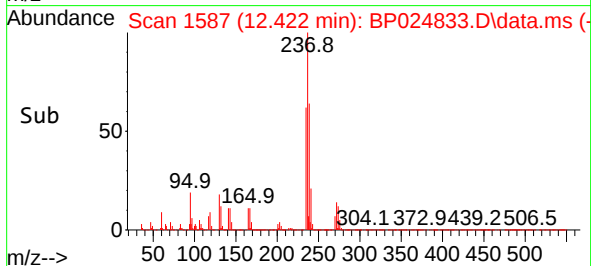
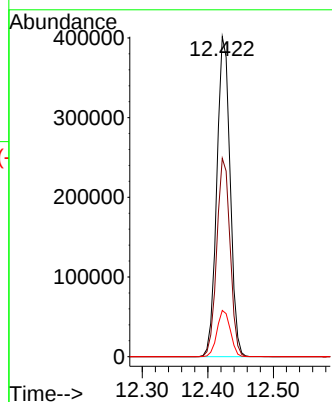
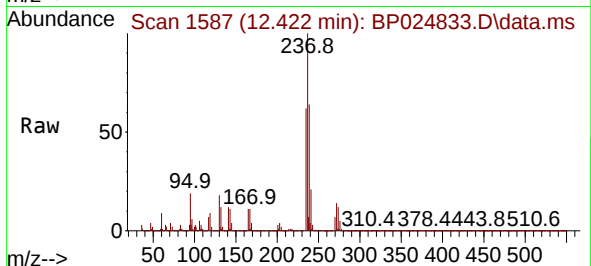




#41
Hexachlorocyclopentadiene
Concen: 100.813 ng
RT: 12.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

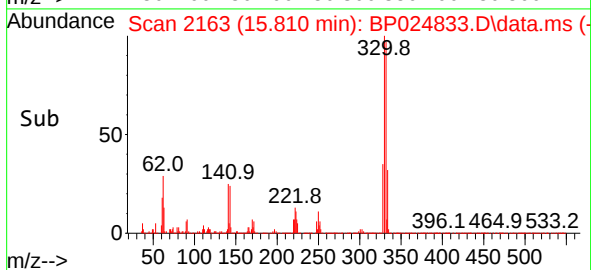
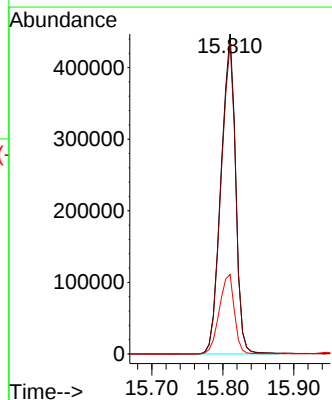
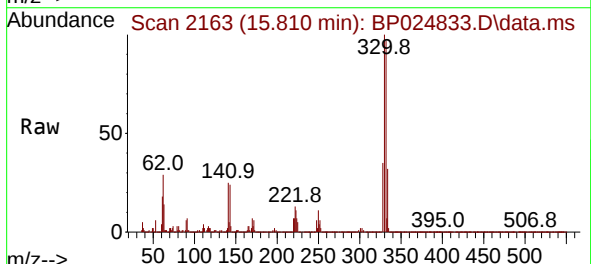
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

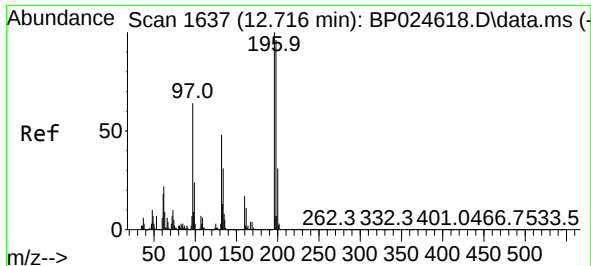
Tgt Ion:237 Resp: 562859
Ion Ratio Lower Upper
237 100
235 62.0 39.9 79.9
272 14.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 117.885 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.024 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:330 Resp: 633682
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 25.7 24.3 36.5

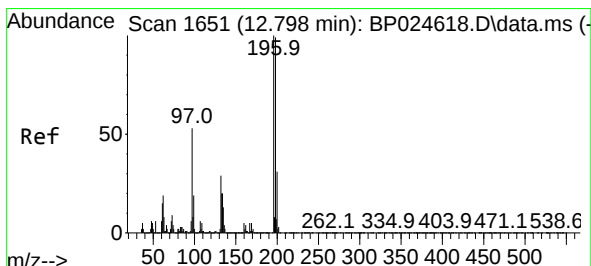
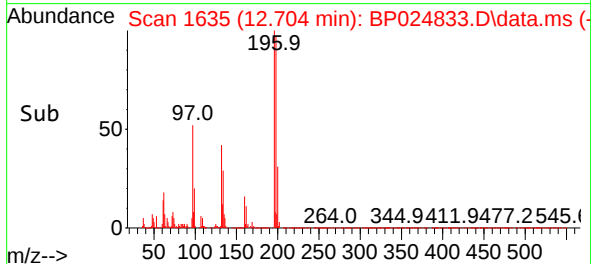
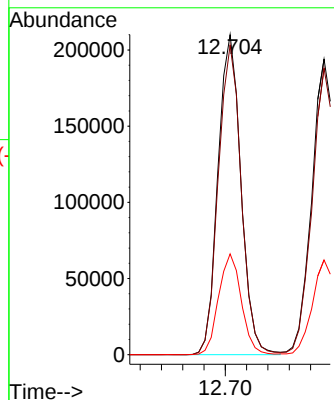
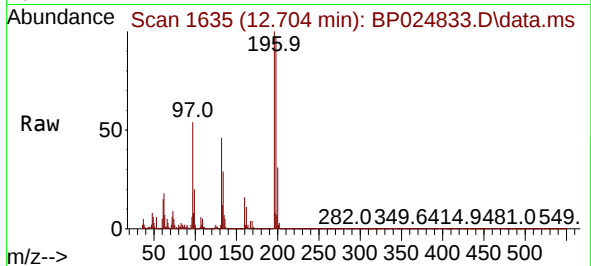




#43
2,4,6-Trichlorophenol
Concen: 52.605 ng
RT: 12.704 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

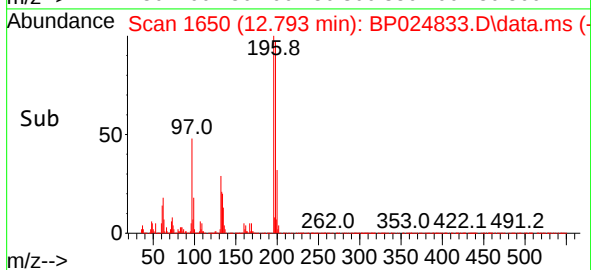
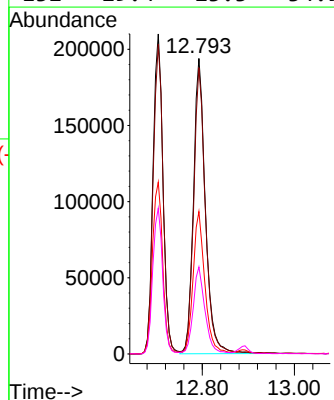
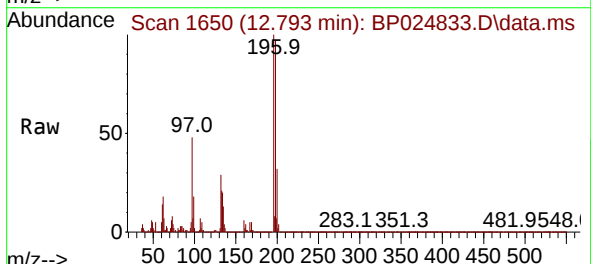
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

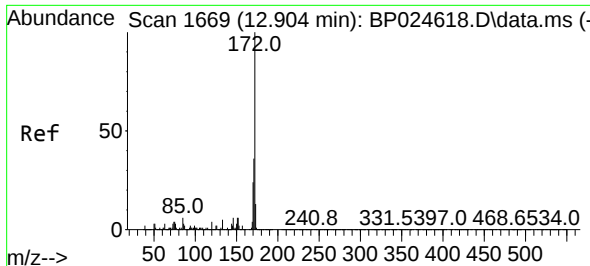
Tgt Ion:196 Resp: 313731
Ion Ratio Lower Upper
196 100
198 96.8 76.9 115.3
200 31.5 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 52.793 ng
RT: 12.793 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:196 Resp: 350471
Ion Ratio Lower Upper
196 100
198 96.9 79.2 118.8
97 48.2 42.3 63.5
132 29.4 23.3 34.9

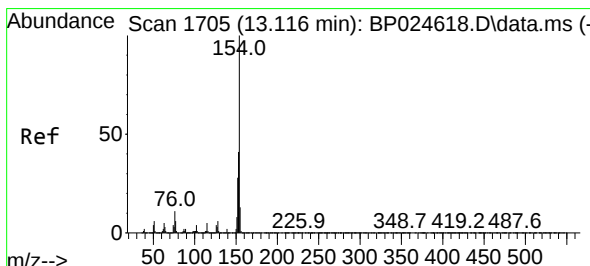
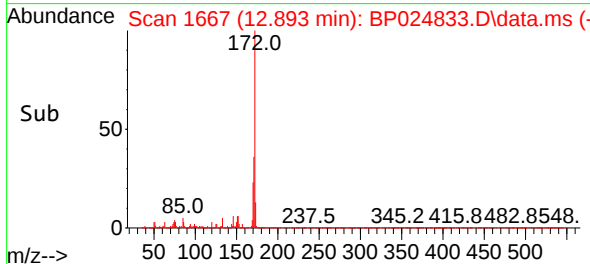
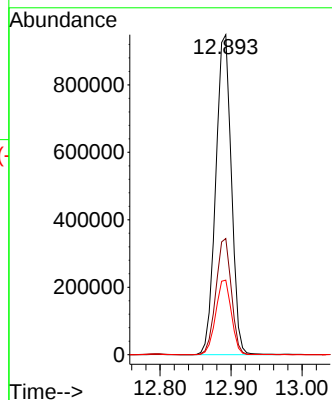
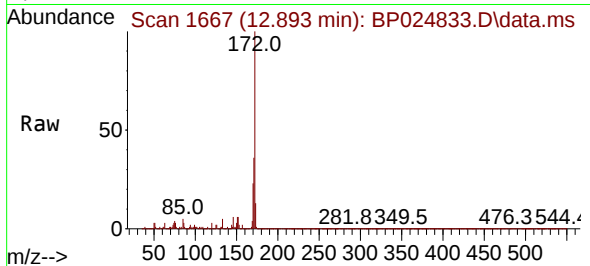




#45
2-Fluorobiphenyl
Concen: 59.815 ng
RT: 12.893 min Scan# 1702
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

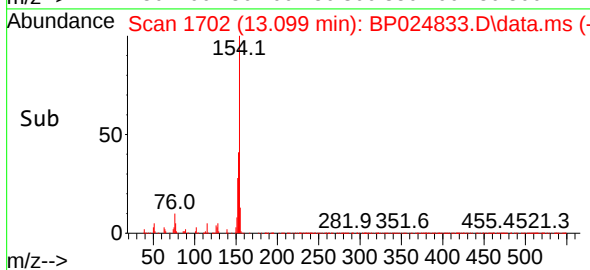
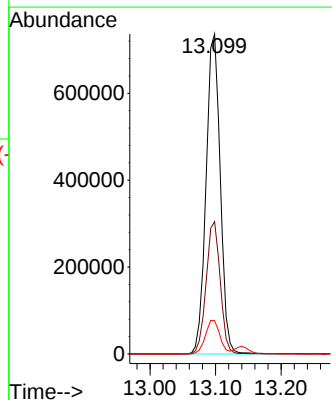
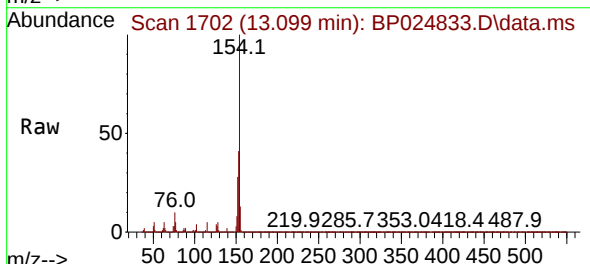
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

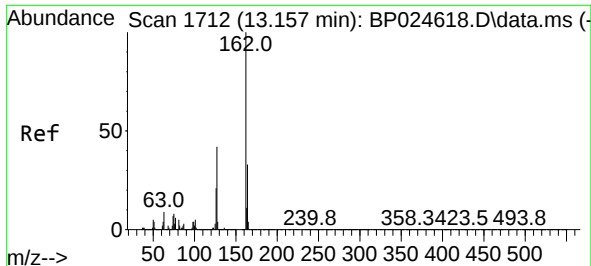
Tgt Ion:172 Resp: 1447653
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 47.415 ng
RT: 13.099 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:154 Resp: 1111205
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 10.4 0.0 31.5

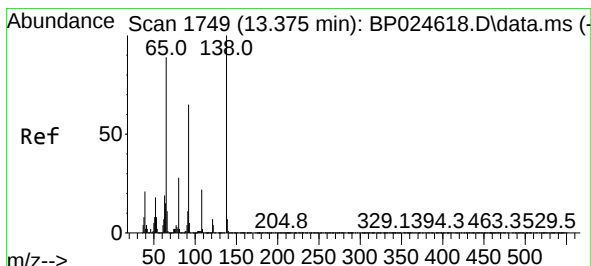
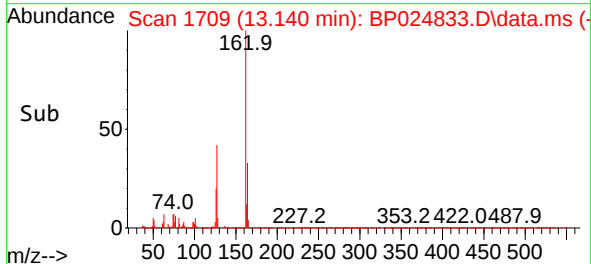
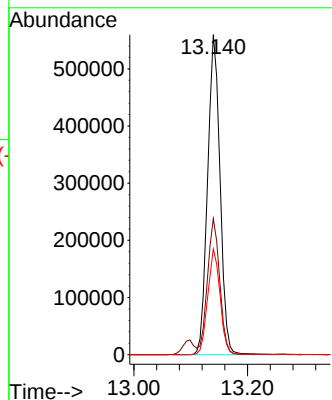
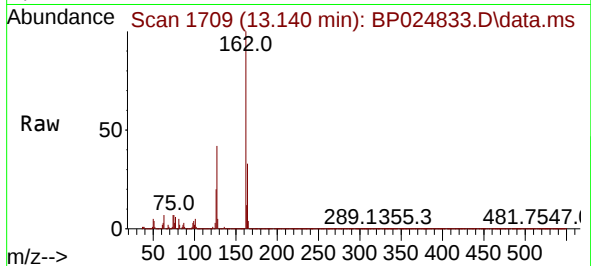




#47
2-Chloronaphthalene
Concen: 47.529 ng
RT: 13.140 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

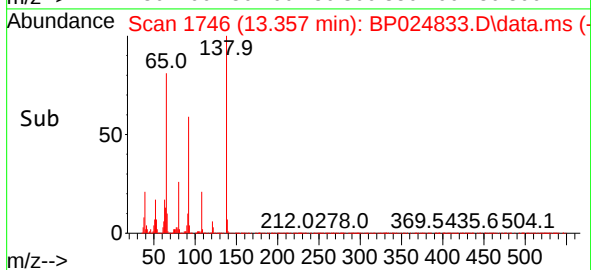
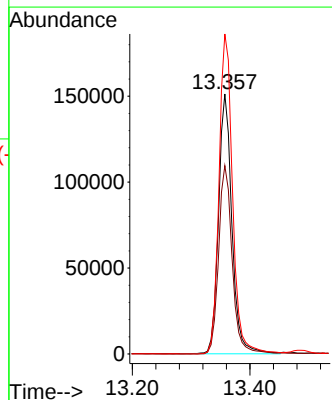
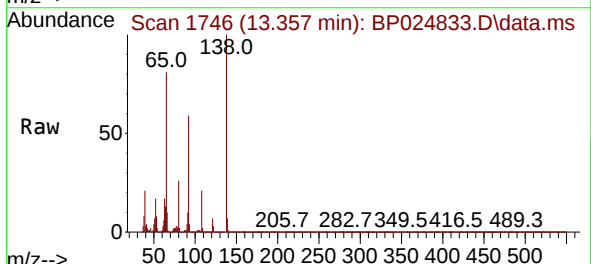
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

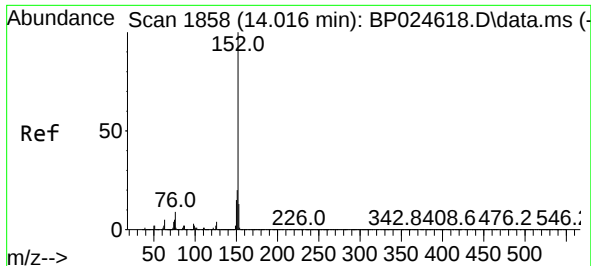
Tgt Ion:162 Resp: 849302
Ion Ratio Lower Upper
162 100
127 42.5 33.8 50.6
164 33.1 26.0 39.0



#48
2-Nitroaniline
Concen: 45.383 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion: 65 Resp: 240092
Ion Ratio Lower Upper
65 100
92 72.4 58.7 88.1
138 123.1 90.2 135.2

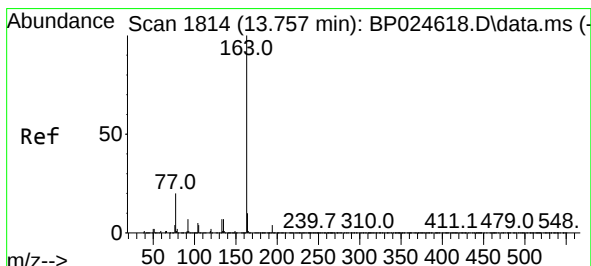
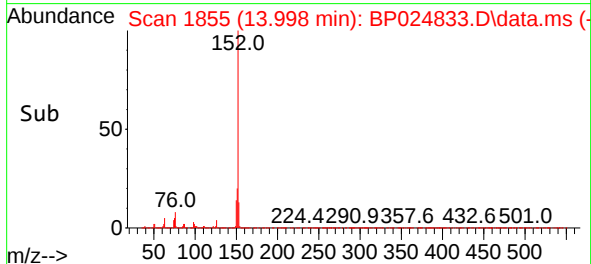
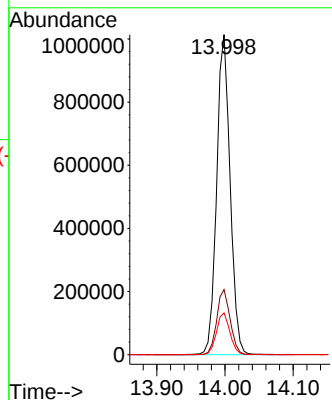
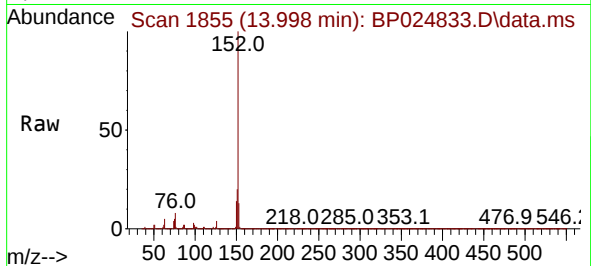




#49
Acenaphthylene
Concen: 46.457 ng
RT: 13.998 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

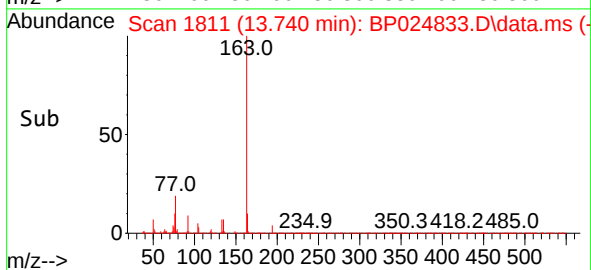
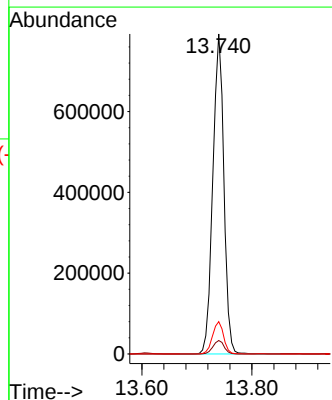
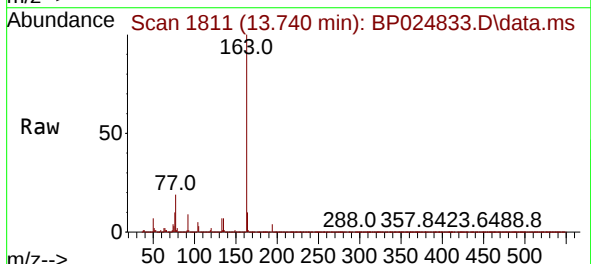
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

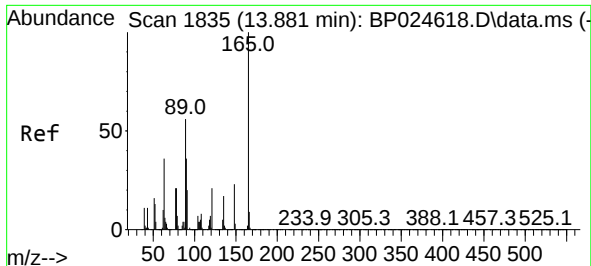
Tgt Ion:152 Resp: 1389210
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.0 10.2 15.4



#50
Dimethylphthalate
Concen: 45.657 ng
RT: 13.740 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:163 Resp: 1103427
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1

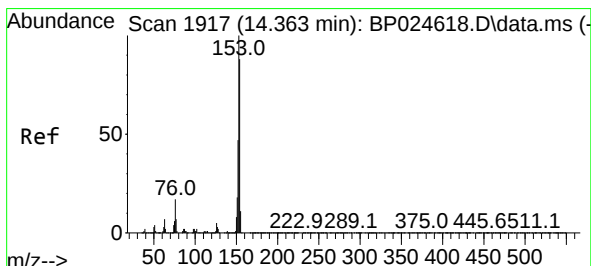
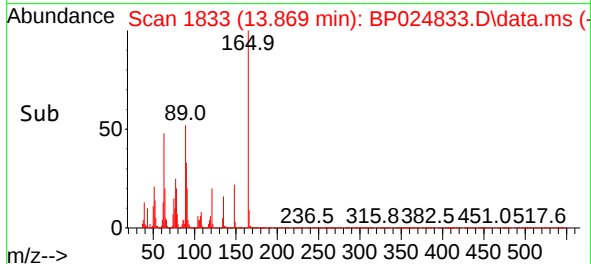
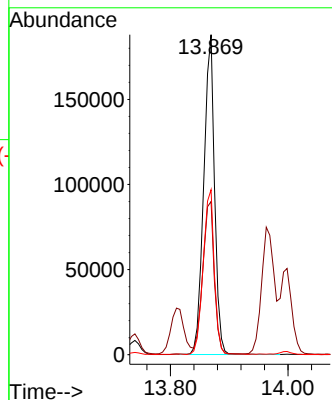
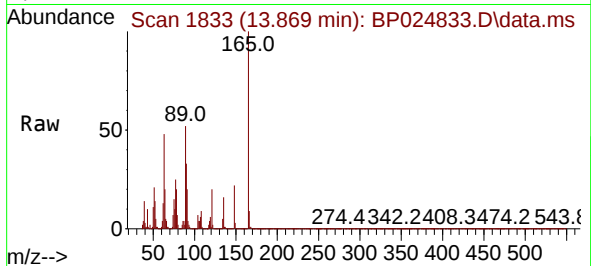




#51
2,6-Dinitrotoluene
Concen: 47.235 ng
RT: 13.869 min Scan# 1835
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

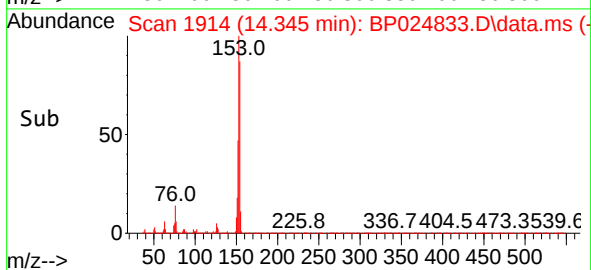
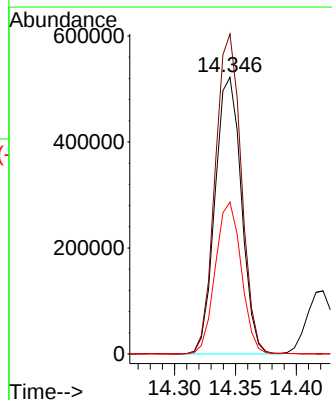
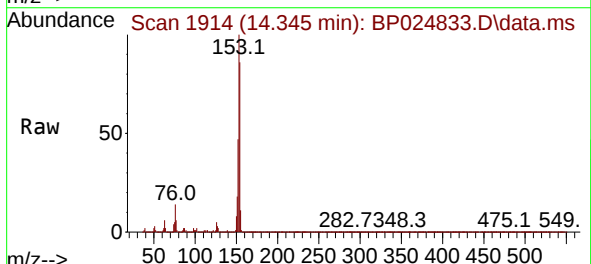
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

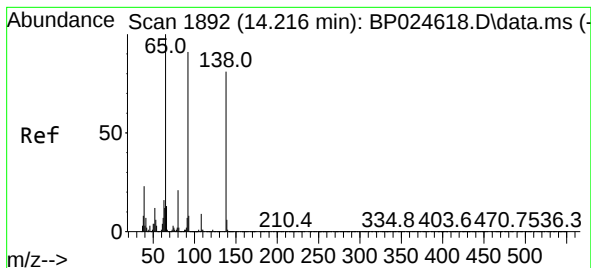
Tgt Ion:165 Resp: 241093
Ion Ratio Lower Upper
165 100
63 47.8 42.4 63.6
89 51.5 44.8 67.2



#52
Acenaphthene
Concen: 45.718 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:154 Resp: 785936
Ion Ratio Lower Upper
154 100
153 115.7 91.0 136.4
152 54.9 42.9 64.3





#53

3-Nitroaniline

Concen: 25.999 ng

RT: 14.204 min Scan# 1892

Delta R.T. 0.006 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

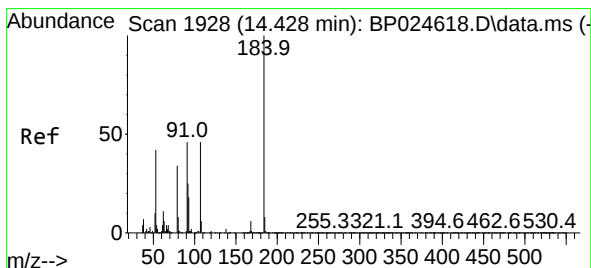
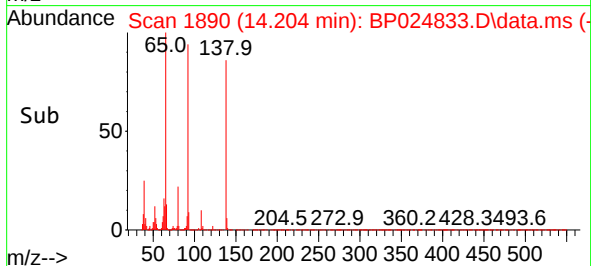
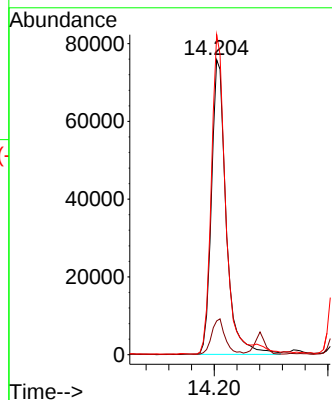
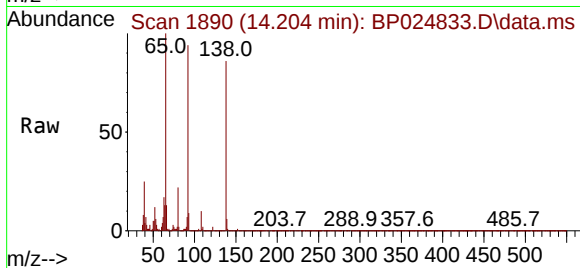
Tgt Ion:138 Resp: 135498

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.4

92 108.5 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 99.192 ng

RT: 14.422 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

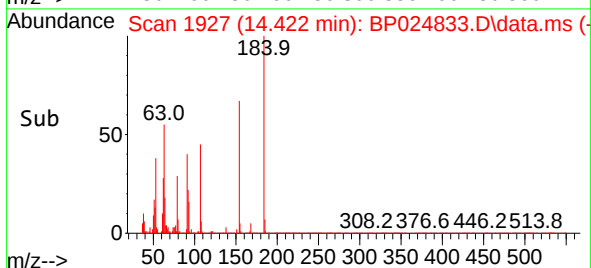
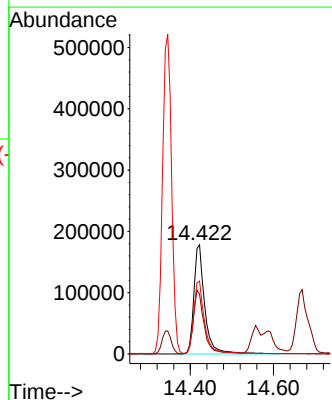
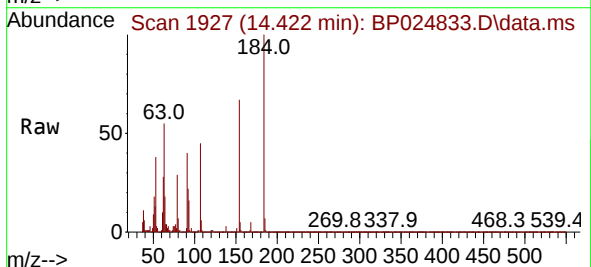
Tgt Ion:184 Resp: 324630

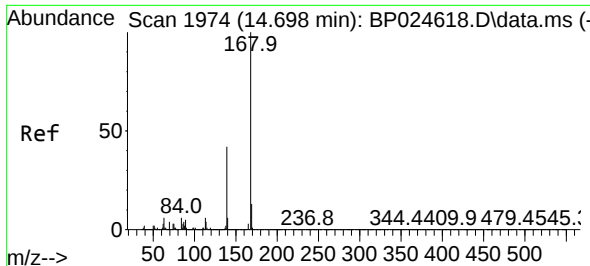
Ion Ratio Lower Upper

184 100

63 54.9 51.3 76.9

154 66.8 53.5 80.3

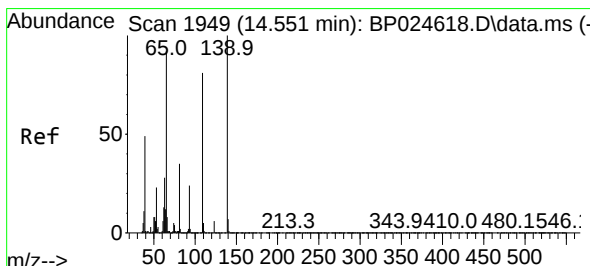
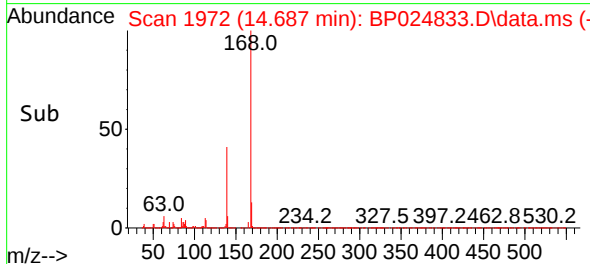
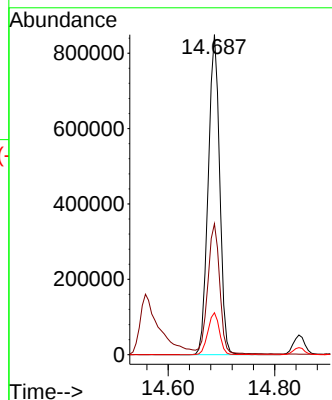
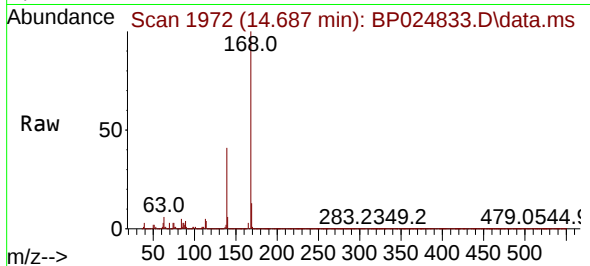




#55
Dibenzofuran
Concen: 46.092 ng
RT: 14.687 min Scan# 1974
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

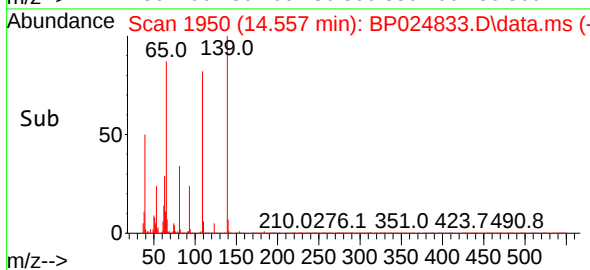
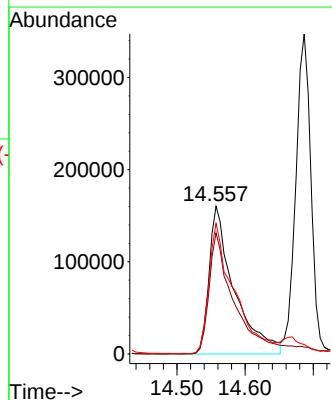
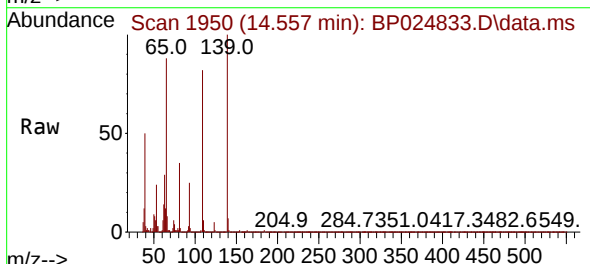
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

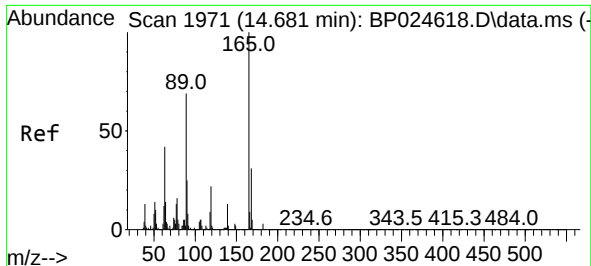
Tgt Ion:168 Resp: 1263880
Ion Ratio Lower Upper
168 100
139 40.9 34.2 51.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 90.305 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:139 Resp: 410052
Ion Ratio Lower Upper
139 100
109 81.9 61.4 101.4
65 88.4 72.2 112.2

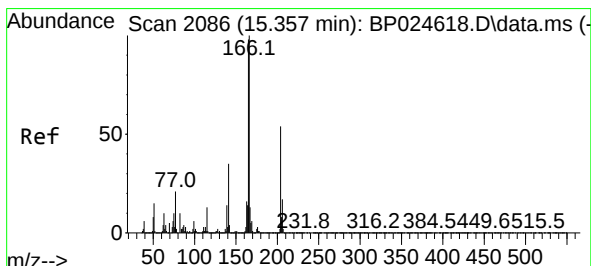
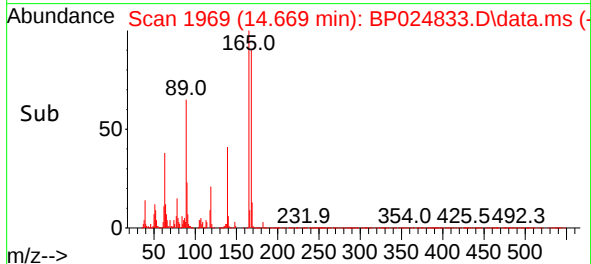
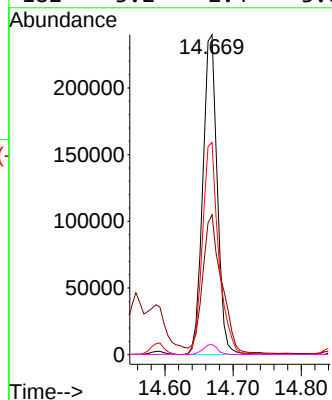
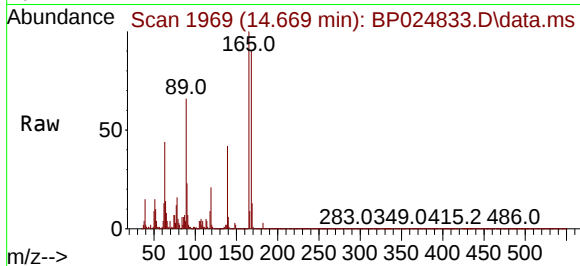




#57
2,4-Dinitrotoluene
Concen: 49.103 ng
RT: 14.669 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

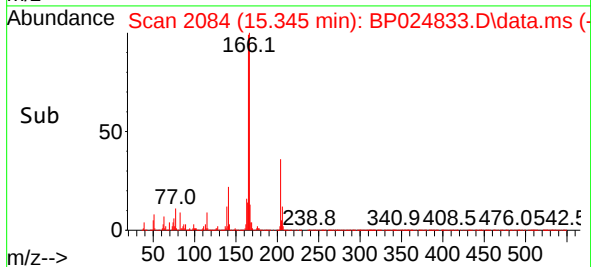
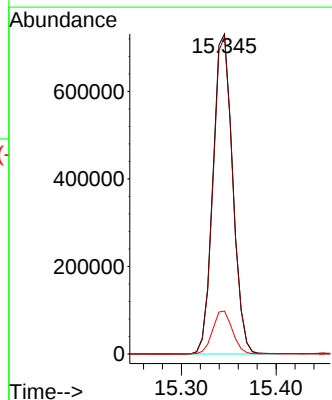
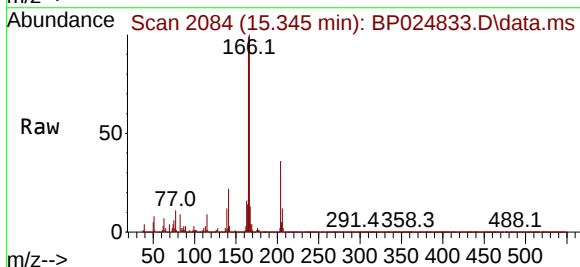
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BNA_P
ClientSampleId :
OR-646-COMP-52MSD

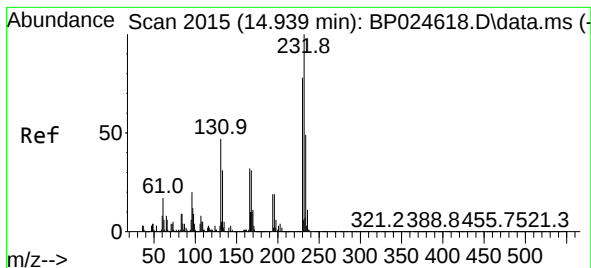
Tgt Ion:165 Resp: 353341
Ion Ratio Lower Upper
165 100
63 43.7 33.8 50.6
89 66.3 55.6 83.4
182 3.2 2.4 3.6



#58
Fluorene
Concen: 47.209 ng
RT: 15.345 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:166 Resp: 1055527
Ion Ratio Lower Upper
166 100
165 99.1 78.5 117.7
167 13.4 10.7 16.1

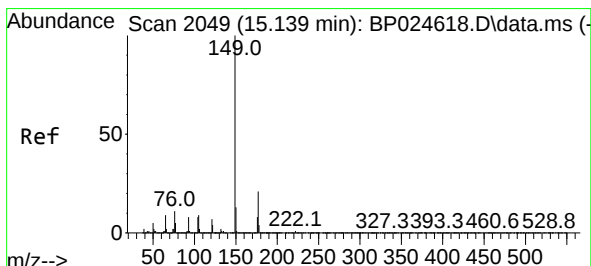
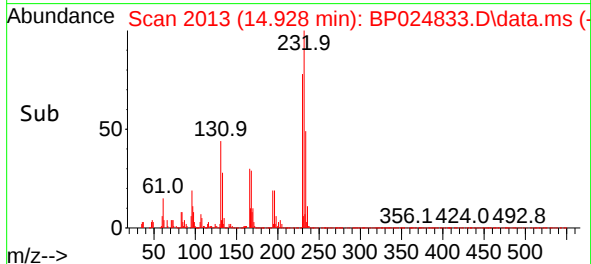
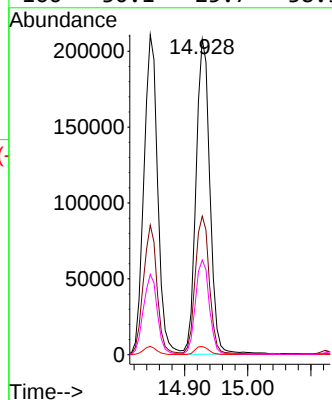
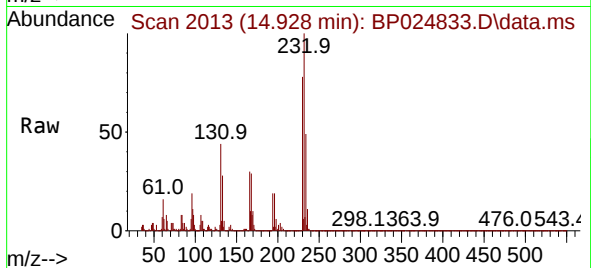




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.200 ng
RT: 14.928 min Scan# 2013
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

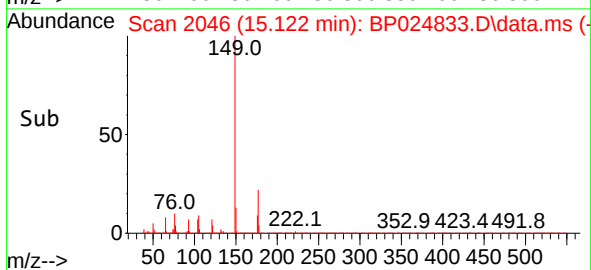
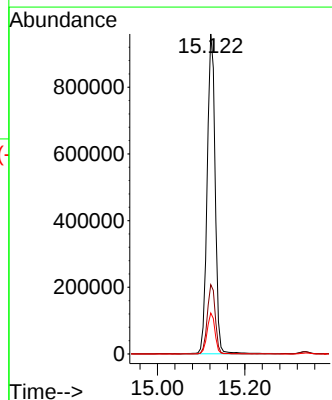
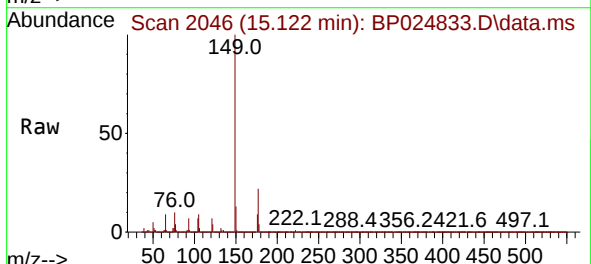
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

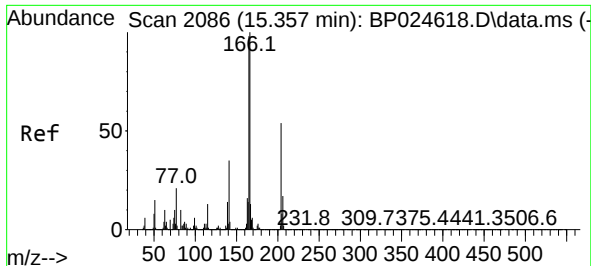
Tgt Ion:232 Resp: 315300
Ion Ratio Lower Upper
232 100
131 44.7 39.5 59.3
130 2.6 2.2 3.4
166 30.1 25.7 38.5



#60
Diethylphthalate
Concen: 49.888 ng
RT: 15.122 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:149 Resp: 1218597
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.8 10.2 15.2

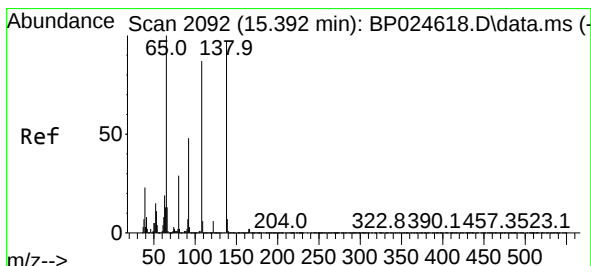
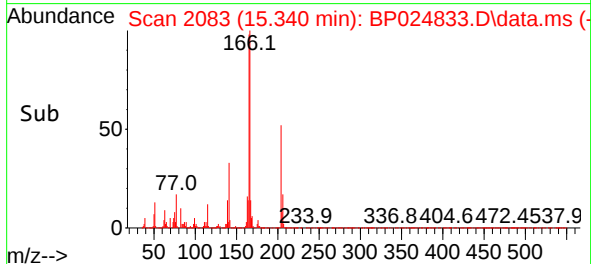
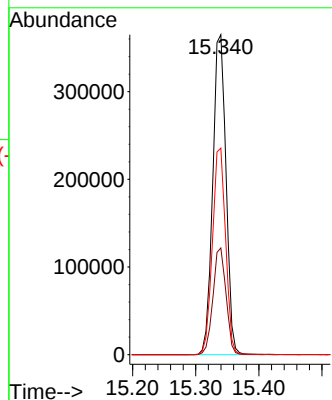
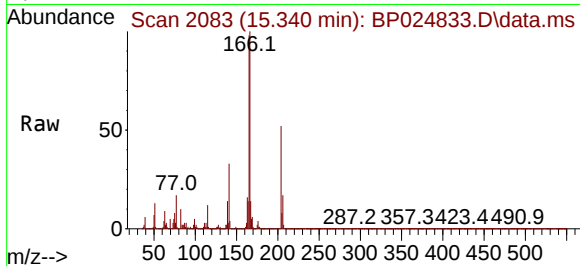




#61
4-Chlorophenyl-phenylether
Concen: 47.645 ng
RT: 15.340 min Scan# 2086
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

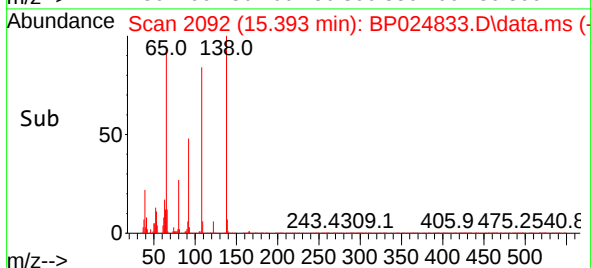
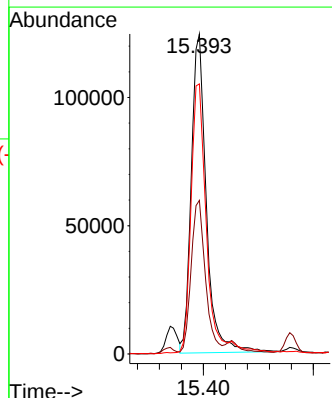
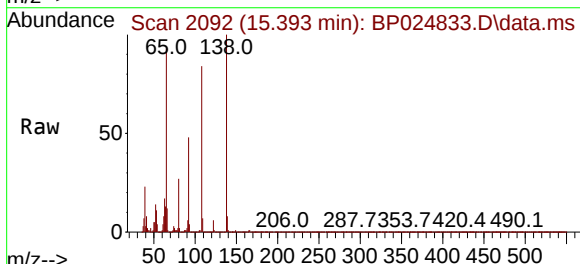
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

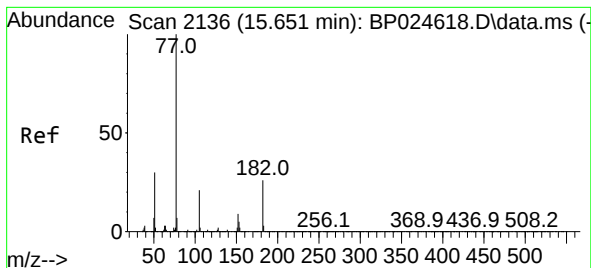
Tgt Ion:204 Resp: 531264
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 64.6 52.9 79.3



#62
4-Nitroaniline
Concen: 46.884 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.018 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:138 Resp: 235932
Ion Ratio Lower Upper
138 100
92 48.0 29.2 69.2
108 84.4 69.0 109.0





#63

Azobenzene

Concen: 47.198 ng

RT: 15.634 min Scan# 2136

Delta R.T. 0.006 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

Tgt Ion: 77 Resp: 986278

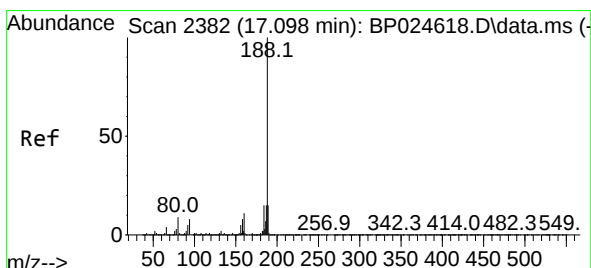
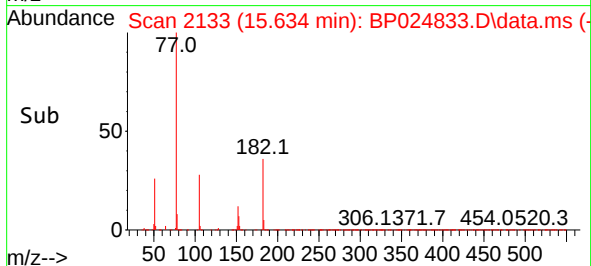
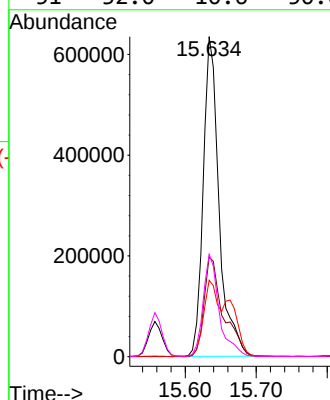
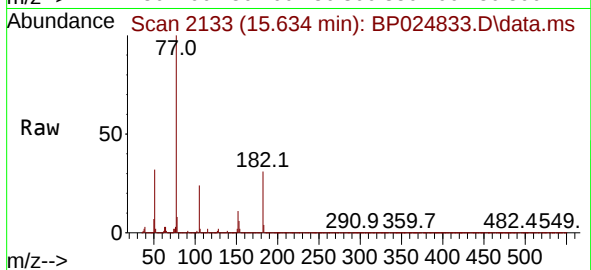
Ion Ratio Lower Upper

77 100

182 31.1 5.7 45.7

105 23.9 1.3 41.3

51 32.0 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 2380

Delta R.T. 0.024 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

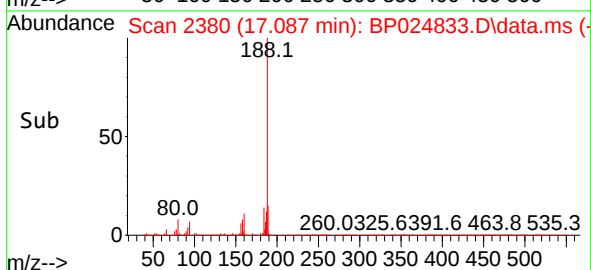
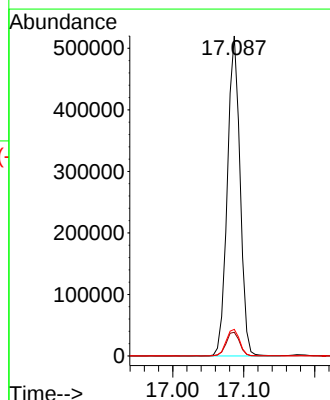
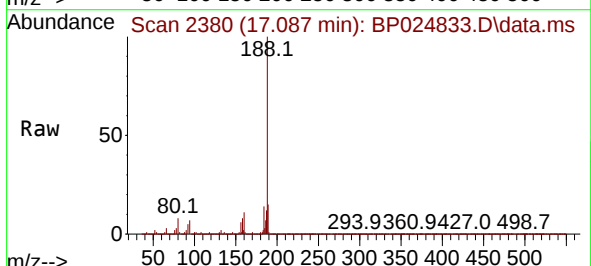
Tgt Ion:188 Resp: 643680

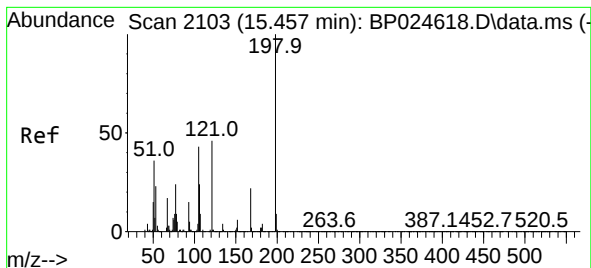
Ion Ratio Lower Upper

188 100

94 7.4 6.5 9.7

80 8.3 7.3 10.9

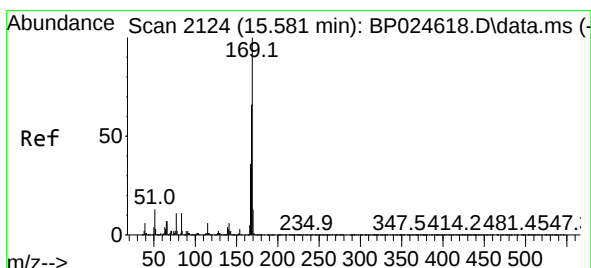
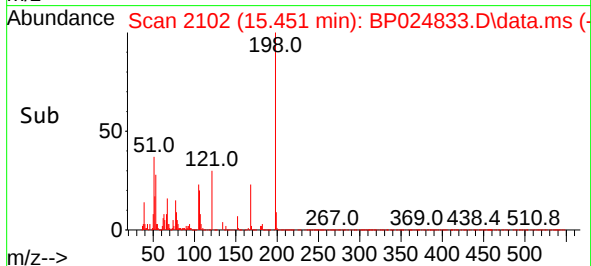
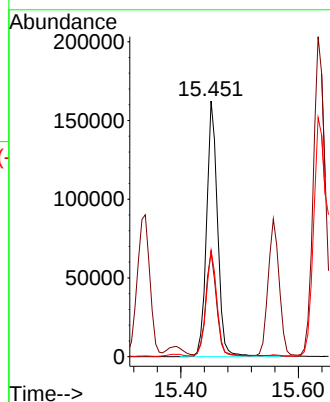
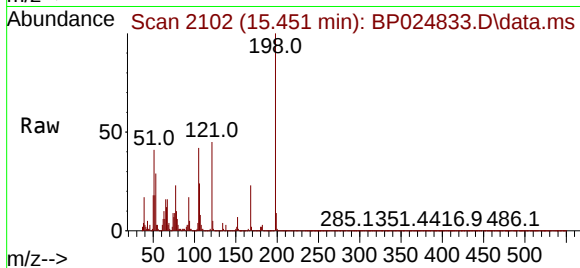




#65
4,6-Dinitro-2-methylphenol
Concen: 50.609 ng
RT: 15.451 min Scan# 2103
Delta R.T. 0.018 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

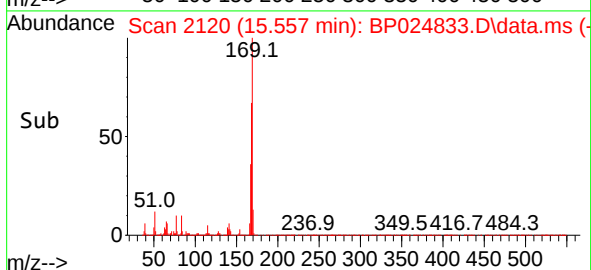
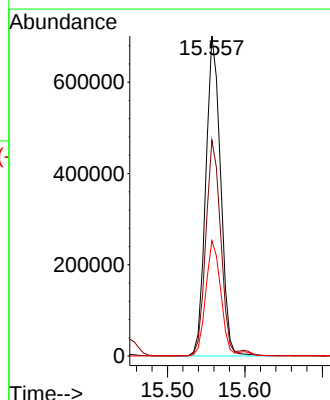
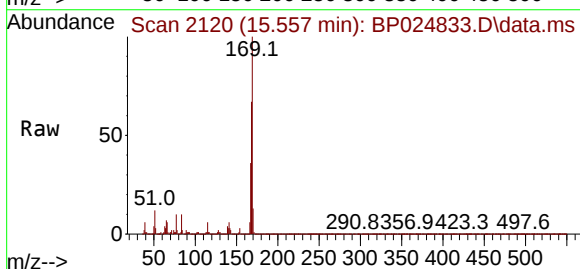
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

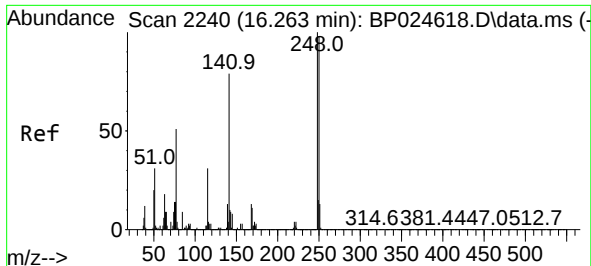
Tgt Ion:198 Resp: 210422
Ion Ratio Lower Upper
198 100
51 40.8 21.1 61.1
105 41.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 47.168 ng
RT: 15.557 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:169 Resp: 932564
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 36.0 28.6 43.0

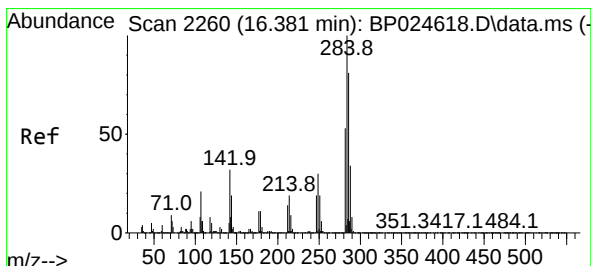
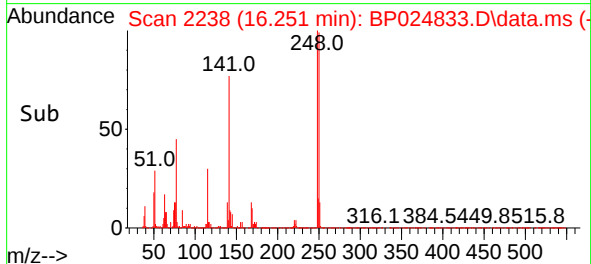
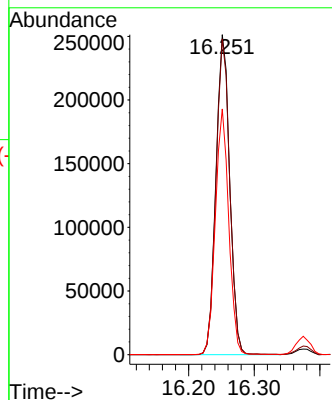
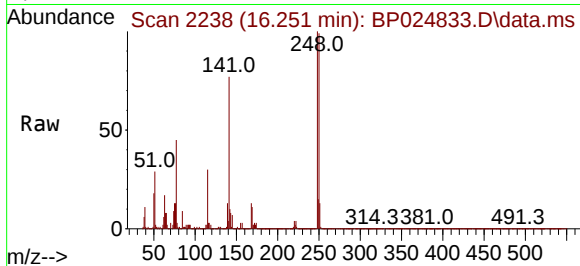




#67
4-Bromophenyl-phenylether
Concen: 48.201 ng
RT: 16.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

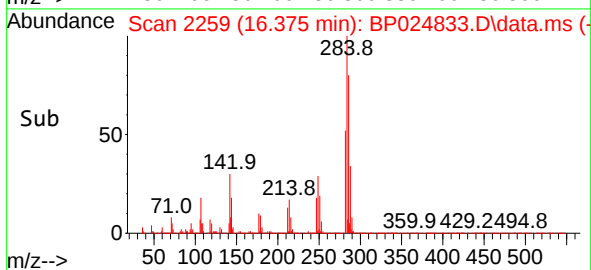
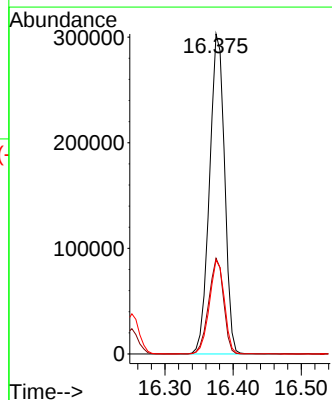
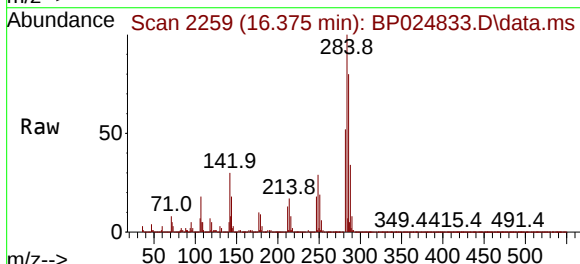
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

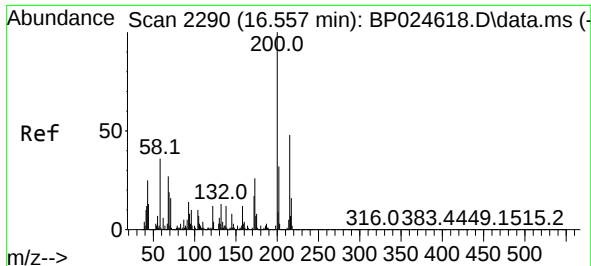
Tgt Ion:248 Resp: 365595
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.4
141 76.8 63.0 94.6



#68
Hexachlorobenzene
Concen: 48.427 ng
RT: 16.375 min Scan# 2259
Delta R.T. 0.018 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:284 Resp: 466737
Ion Ratio Lower Upper
284 100
142 29.9 25.9 38.9
249 29.4 24.1 36.1

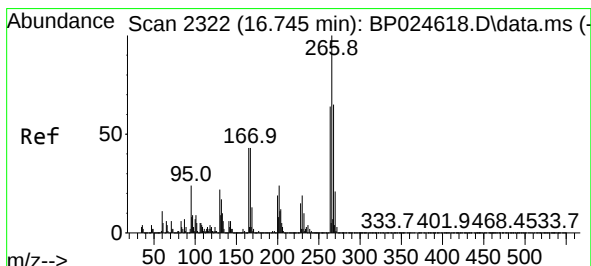
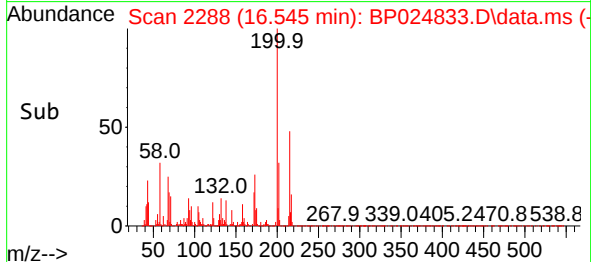
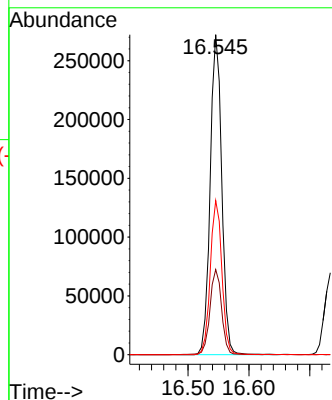
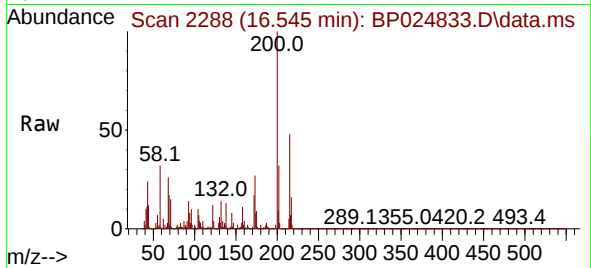




#69
 Atrazine
 Concen: 49.557 ng
 RT: 16.545 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

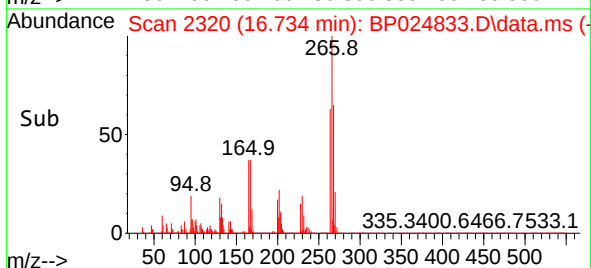
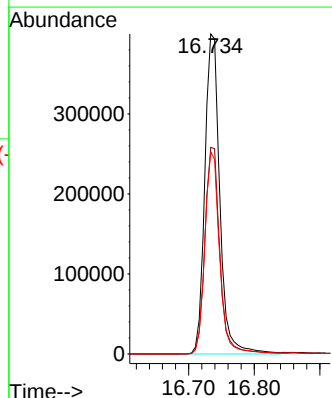
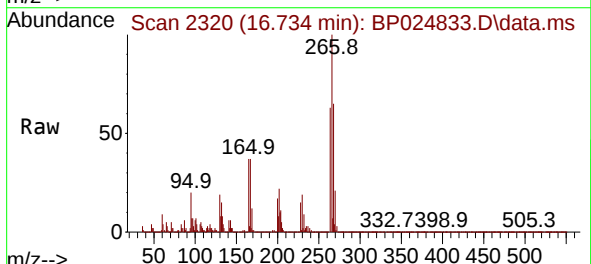
Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MSD

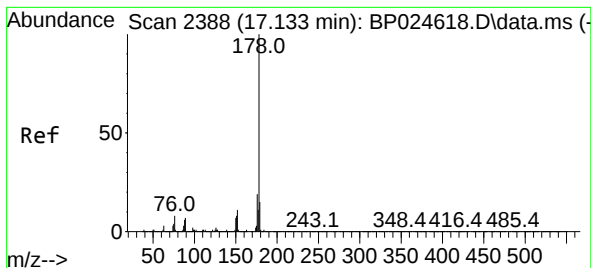
Tgt Ion:200 Resp: 359069
 Ion Ratio Lower Upper
 200 100
 173 26.6 5.9 45.9
 215 48.2 28.3 68.3



#70
 Pentachlorophenol
 Concen: 117.914 ng
 RT: 16.734 min Scan# 2320
 Delta R.T. 0.012 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

Tgt Ion:266 Resp: 637936
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.2 78.4
 264 63.2 51.1 76.7





#71

Phenanthrene

Concen: 46.093 ng

RT: 17.122 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

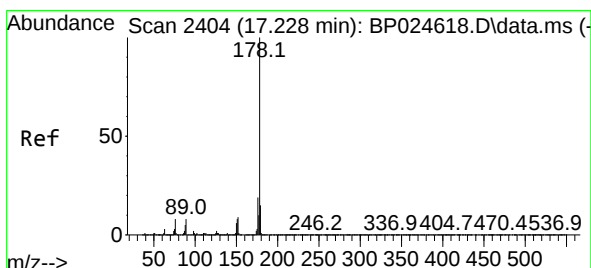
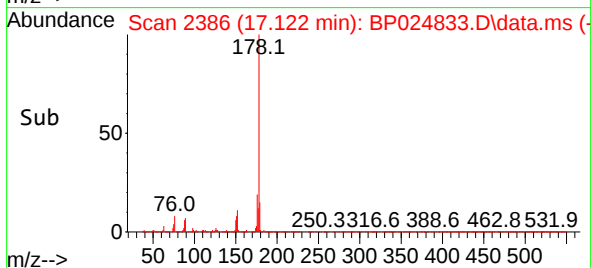
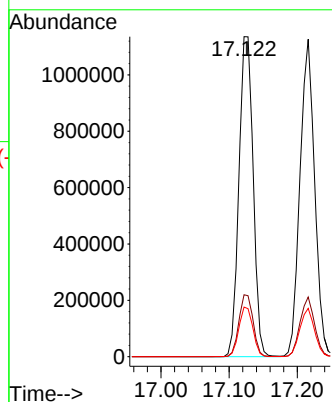
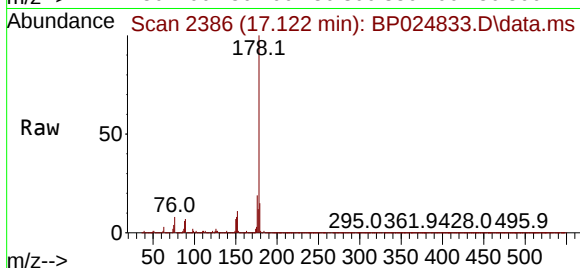
Tgt Ion:178 Resp: 1649361

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.5 12.2 18.4



#72

Anthracene

Concen: 47.279 ng

RT: 17.216 min Scan# 2402

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

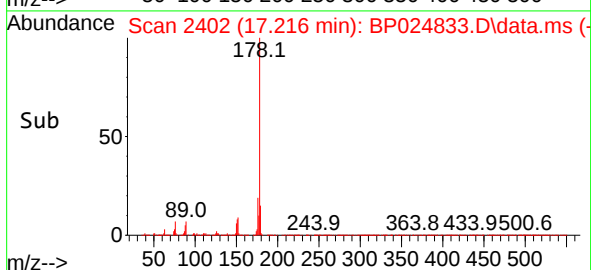
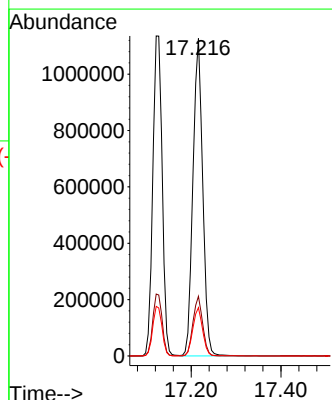
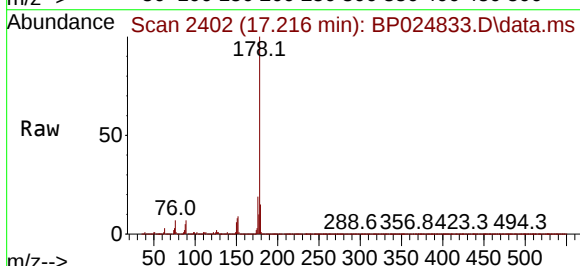
Tgt Ion:178 Resp: 1702132

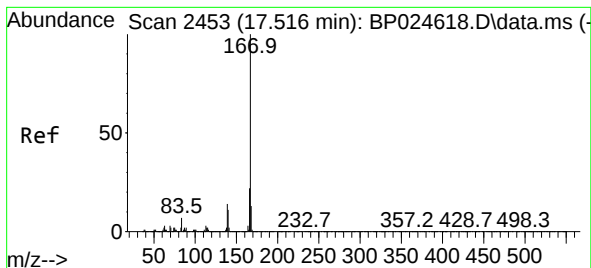
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.2 12.2 18.2





#73

Carbazole

Concen: 49.022 ng

RT: 17.510 min Scan# 2453

Delta R.T. 0.018 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

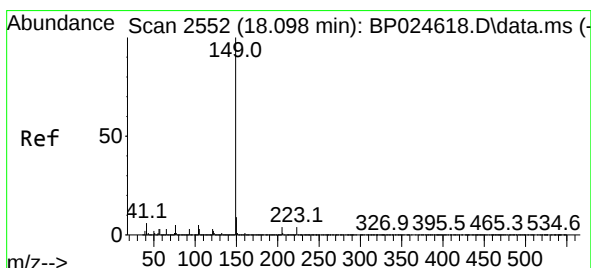
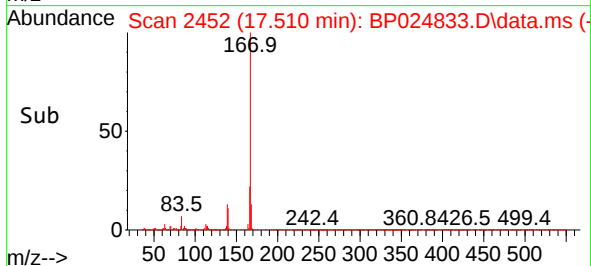
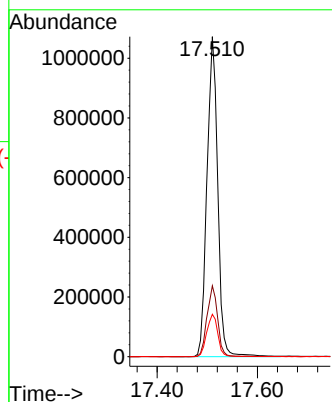
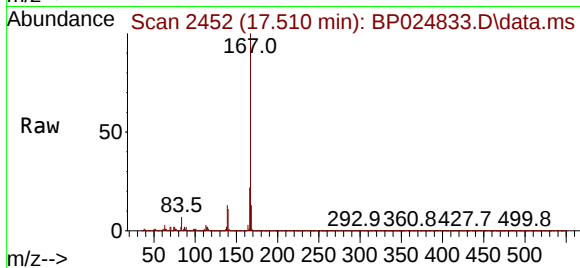
Tgt Ion:167 Resp: 1597395

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 13.3 11.3 16.9



#74

Di-n-butylphthalate

Concen: 49.108 ng

RT: 18.098 min Scan# 2552

Delta R.T. 0.036 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

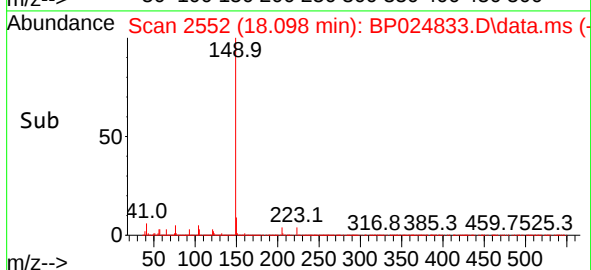
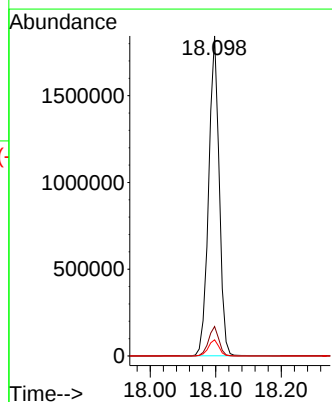
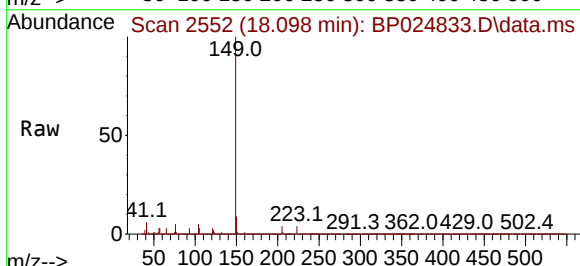
Tgt Ion:149 Resp: 2057989

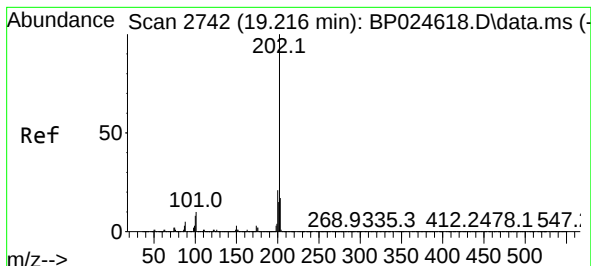
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 48.705 ng

RT: 19.210 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

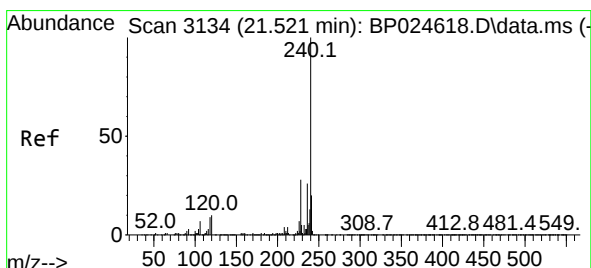
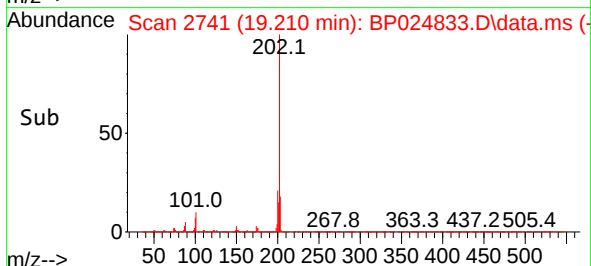
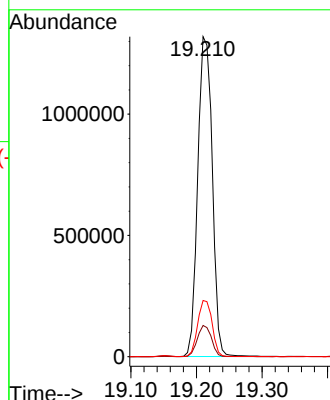
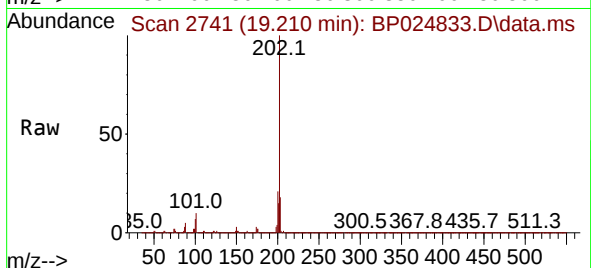
Tgt Ion:202 Resp: 2037251

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

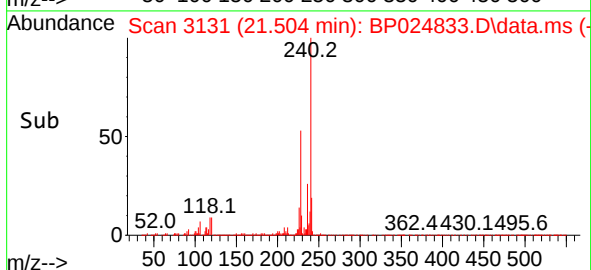
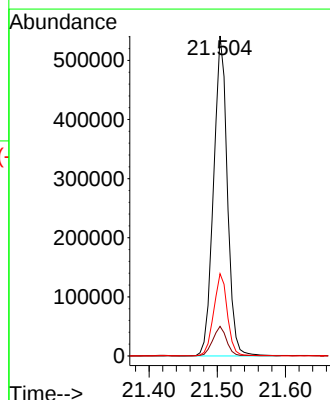
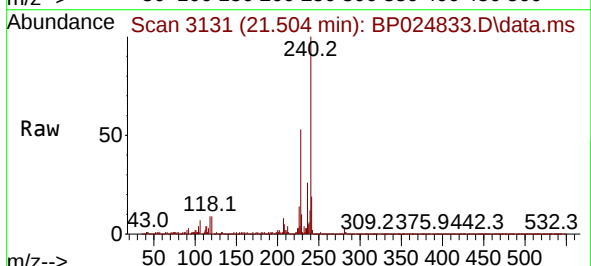
Tgt Ion:240 Resp: 763183

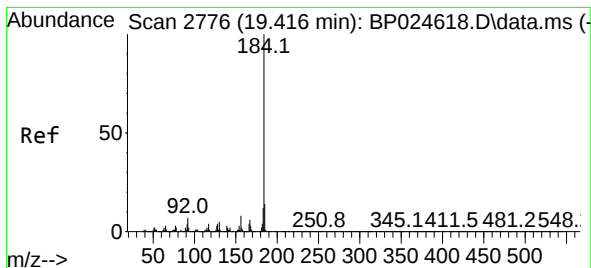
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 25.7 20.6 31.0





#77

Benzidine

Concen: 41.632 ng

RT: 19.416 min Scan# 2776

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

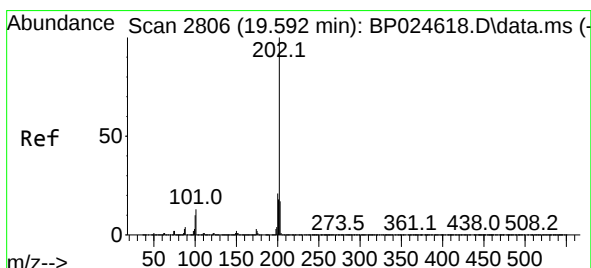
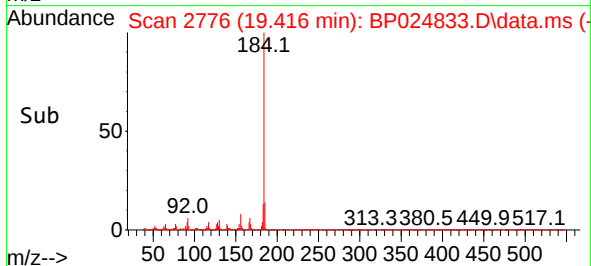
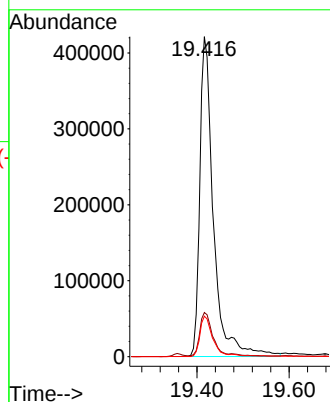
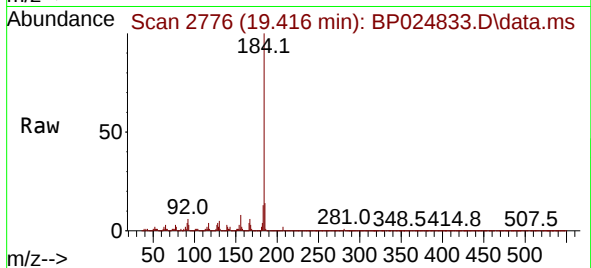
Tgt Ion:184 Resp: 865361

Ion Ratio Lower Upper

184 100

185 13.8 11.2 16.8

183 12.7 9.8 14.8



#78

Pyrene

Concen: 46.625 ng

RT: 19.592 min Scan# 2806

Delta R.T. 0.024 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

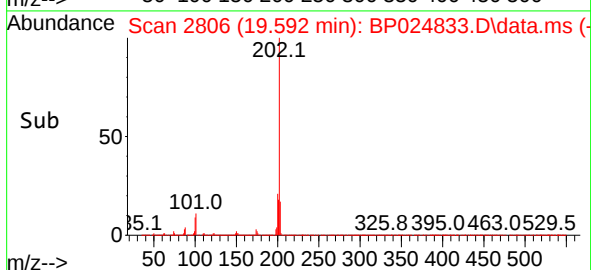
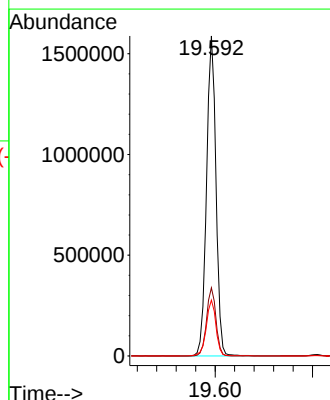
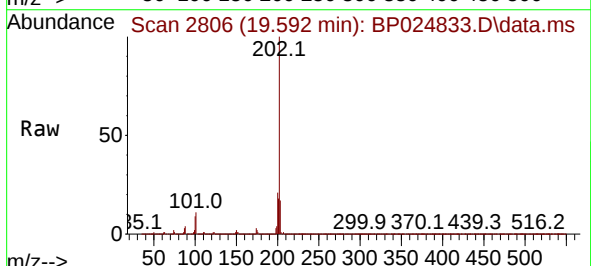
Tgt Ion:202 Resp: 2132054

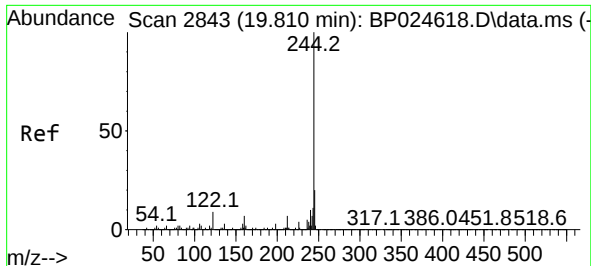
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.4 13.9 20.9

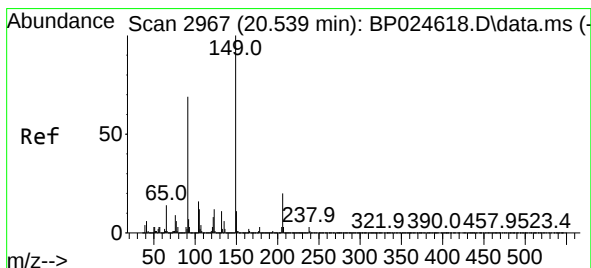
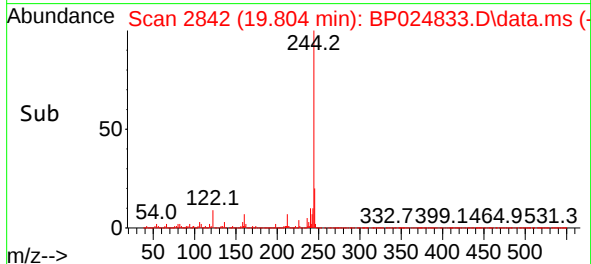
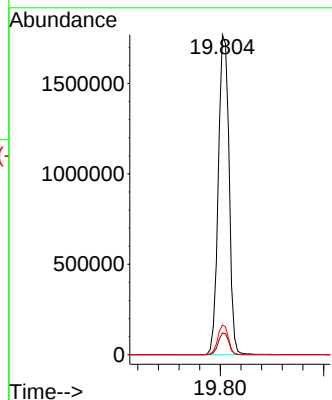
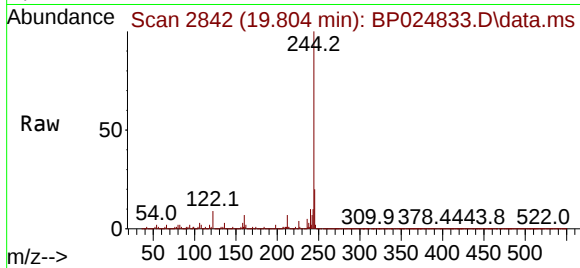




#79
 Terphenyl-d14
 Concen: 57.263 ng
 RT: 19.804 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

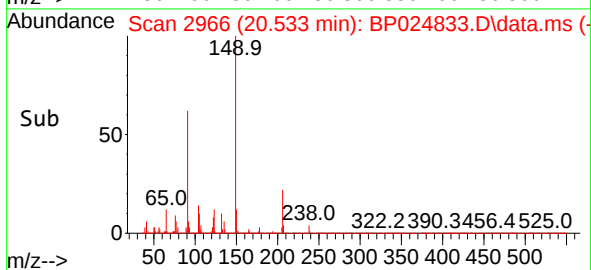
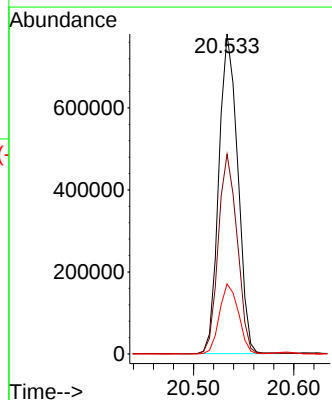
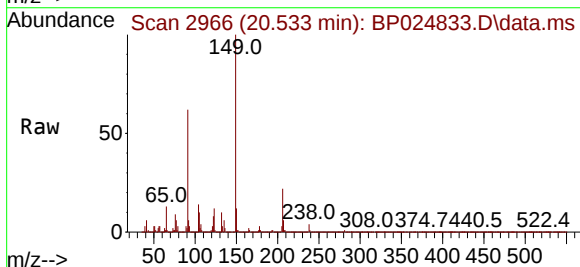
Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MSD

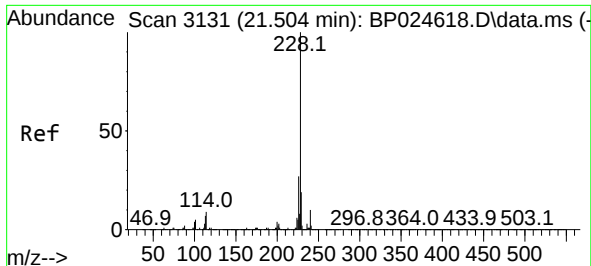
Tgt Ion:244 Resp: 2548684
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 9.3 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 50.172 ng
 RT: 20.533 min Scan# 2966
 Delta R.T. 0.012 min
 Lab File: BP024833.D
 Acq: 29 May 2025 17:47

Tgt Ion:149 Resp: 1020357
 Ion Ratio Lower Upper
 149 100
 91 62.4 55.4 83.0
 206 21.9 16.2 24.2

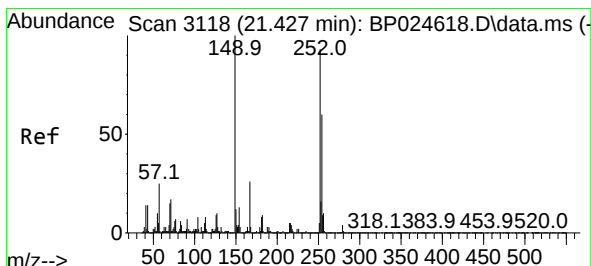
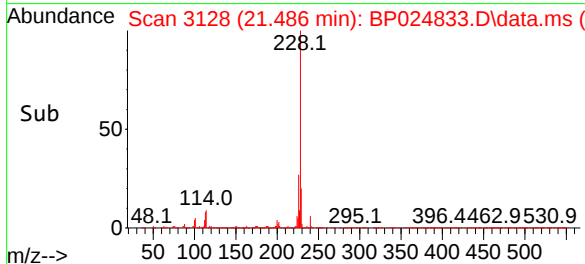
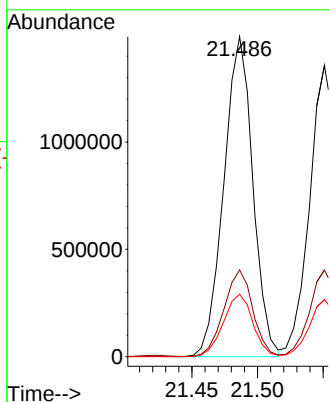
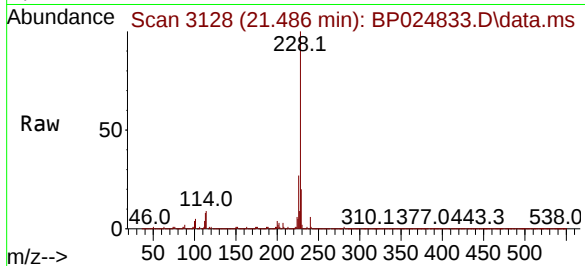




#81
Benzo(a)anthracene
Concen: 47.909 ng
RT: 21.486 min Scan# 3117
Delta R.T. 0.012 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

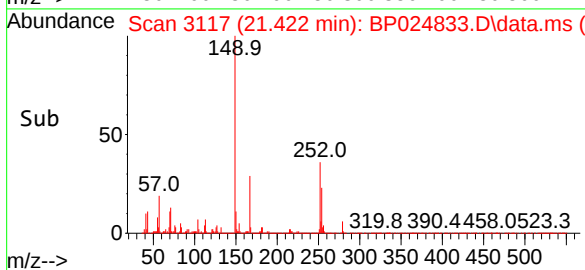
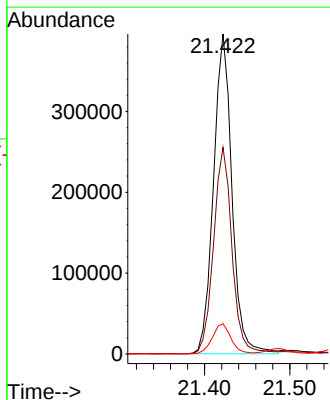
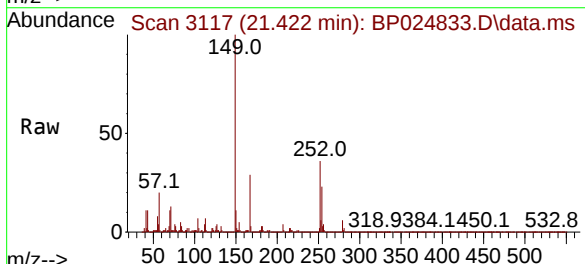
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

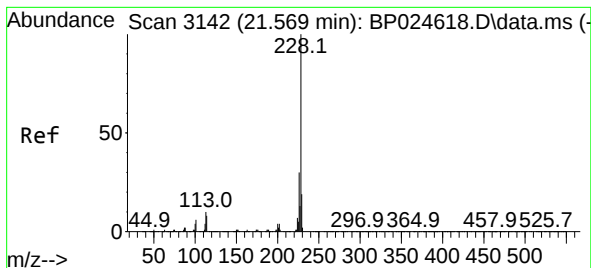
Tgt Ion:228 Resp: 2295882
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 33.408 ng
RT: 21.422 min Scan# 3117
Delta R.T. 0.018 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:252 Resp: 594635
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 9.5 7.7 11.5





#83

Chrysene

Concen: 47.422 ng

RT: 21.551 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

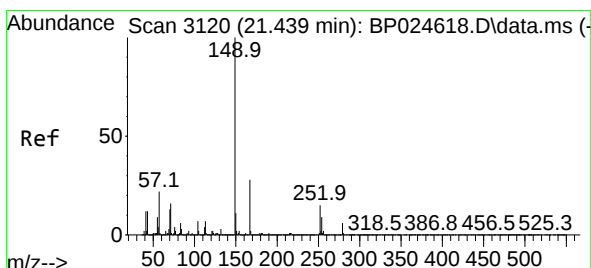
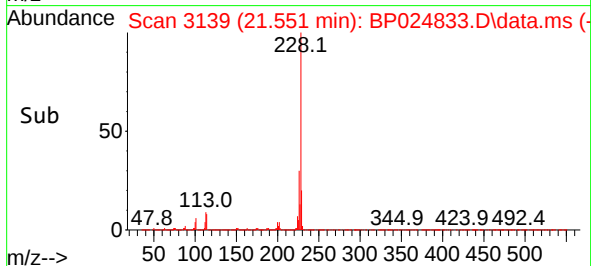
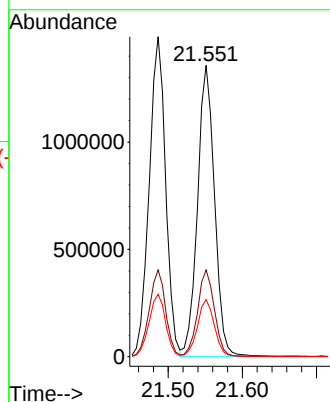
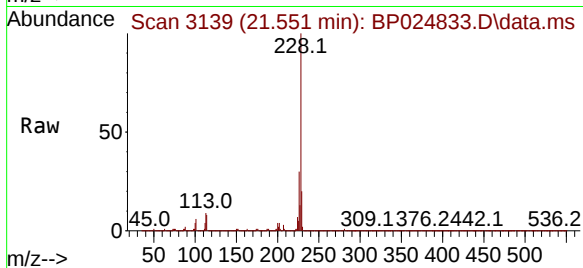
Tgt Ion:228 Resp: 2154241

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.491 ng

RT: 21.422 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

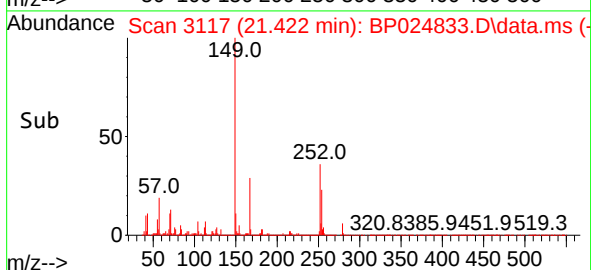
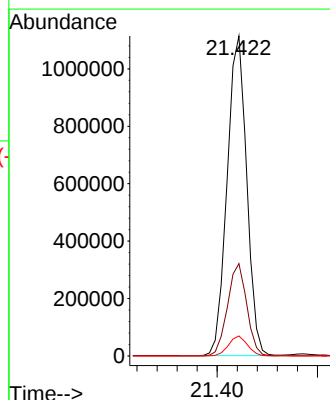
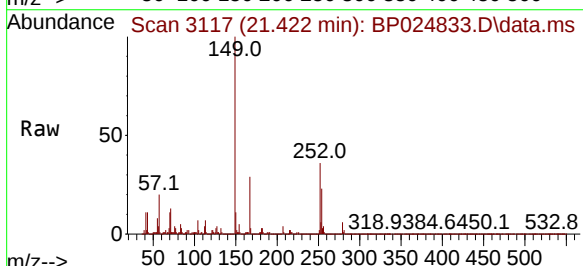
Tgt Ion:149 Resp: 1509280

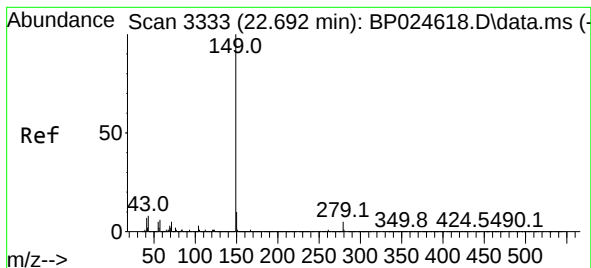
Ion Ratio Lower Upper

149 100

167 28.8 22.1 33.1

279 6.2 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 52.977 ng

RT: 22.663 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

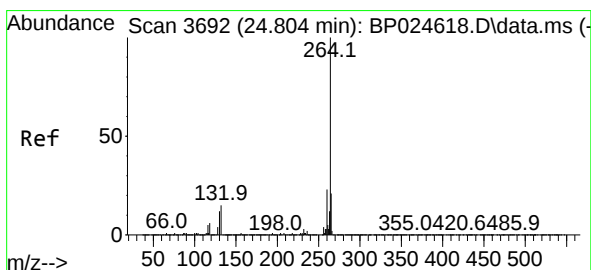
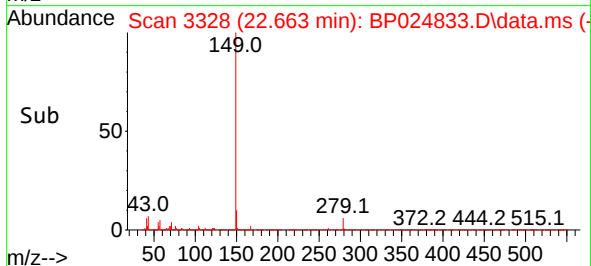
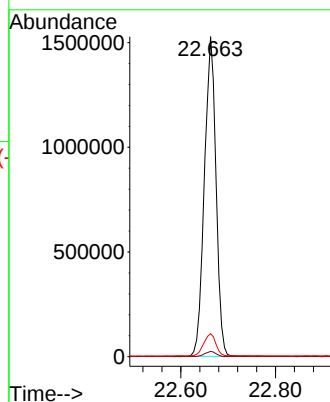
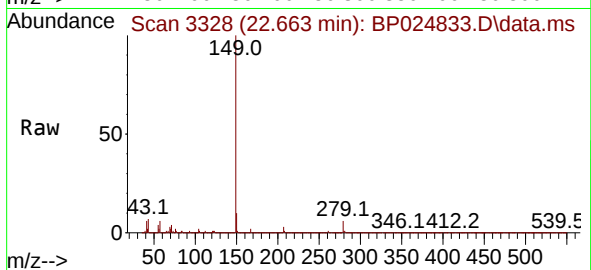
Tgt Ion:149 Resp: 2589596

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 3688

Delta R.T. 0.036 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

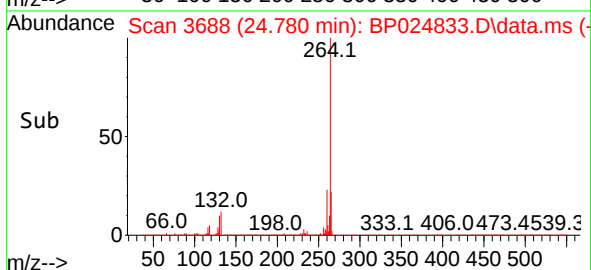
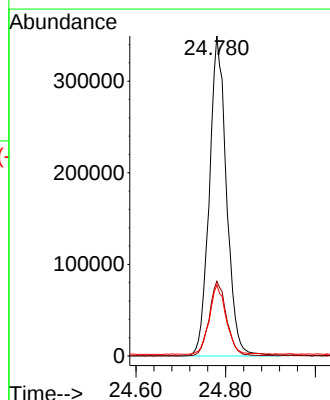
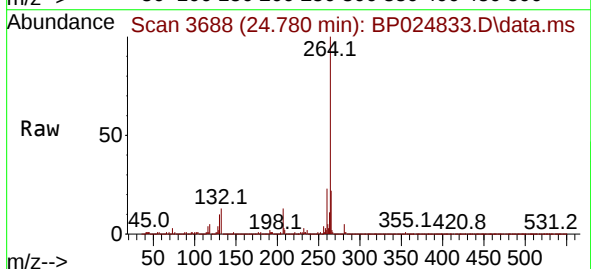
Tgt Ion:264 Resp: 927467

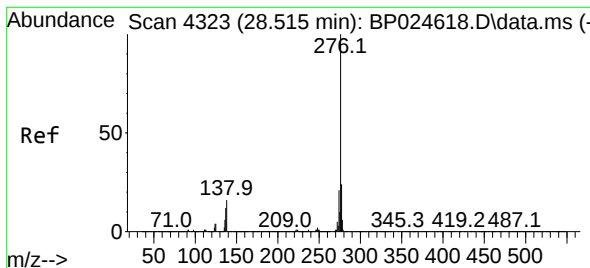
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.379 ng

RT: 28.498 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

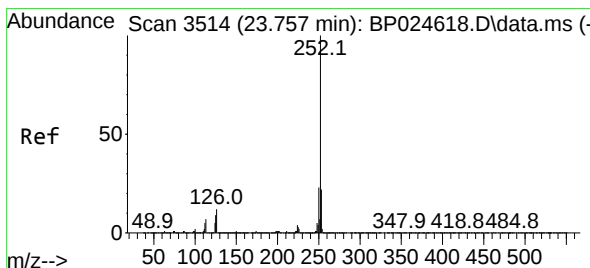
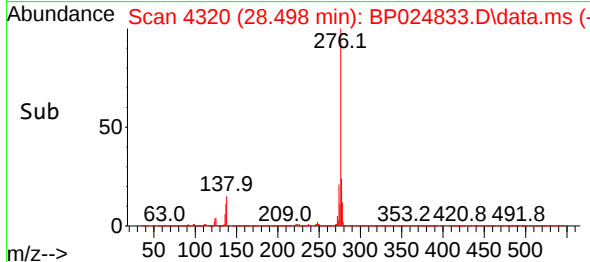
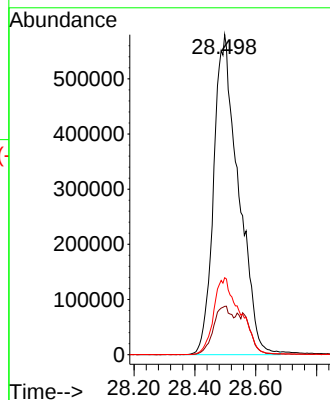
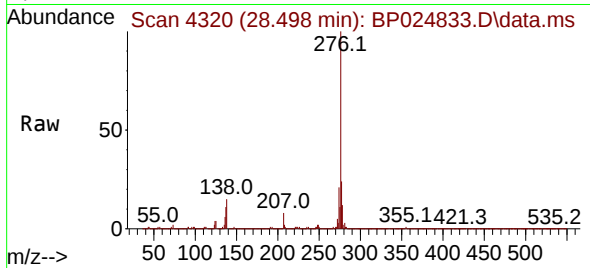
Tgt Ion:276 Resp: 3275755

Ion Ratio Lower Upper

276 100

138 11.3 11.2 16.8

277 25.8 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 46.043 ng

RT: 23.745 min Scan# 3512

Delta R.T. 0.024 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

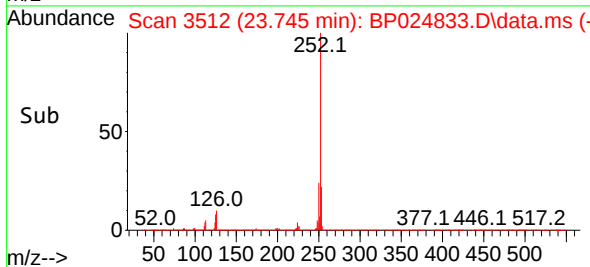
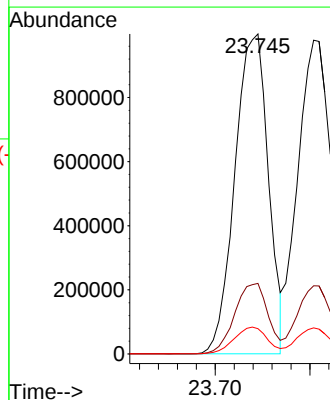
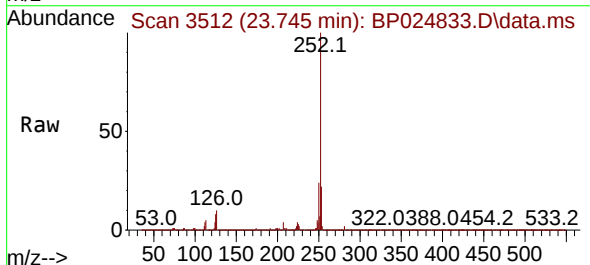
Tgt Ion:252 Resp: 2444268

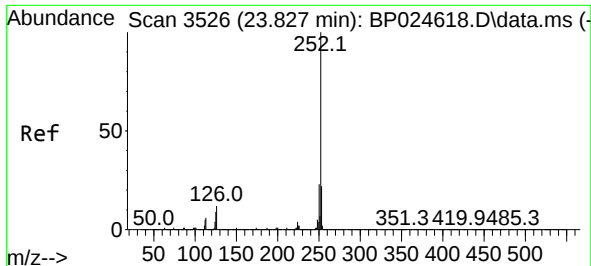
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.9 7.5 11.3

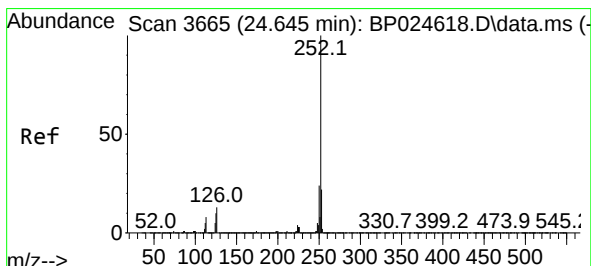
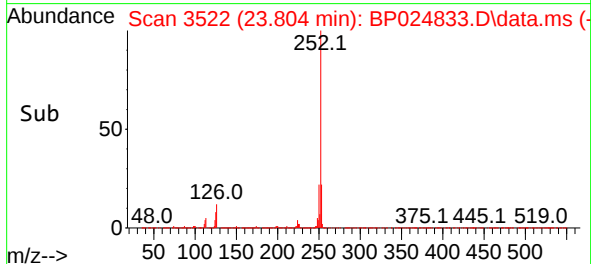
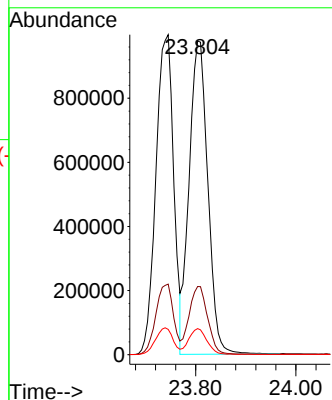
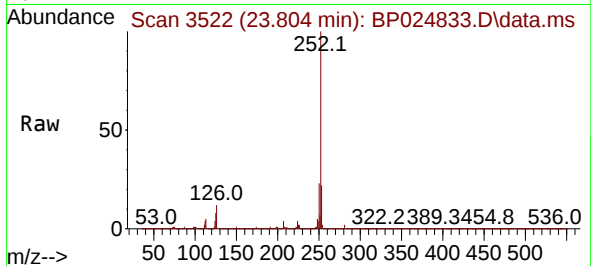




#89
Benzo(k)fluoranthene
Concen: 46.115 ng
RT: 23.804 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

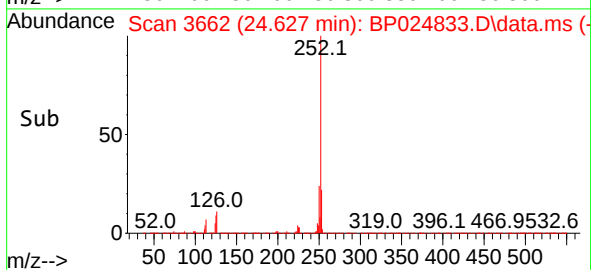
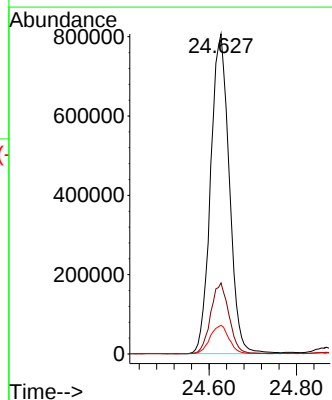
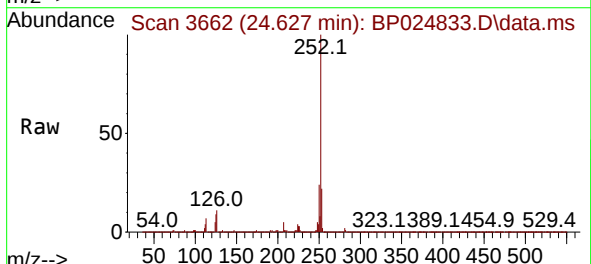
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

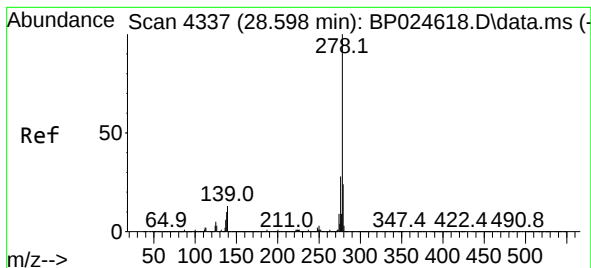
Tgt Ion:252 Resp: 2522585
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.3 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.769 ng
RT: 24.627 min Scan# 3662
Delta R.T. 0.030 min
Lab File: BP024833.D
Acq: 29 May 2025 17:47

Tgt Ion:252 Resp: 2384516
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.0 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 48.299 ng

RT: 28.568 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MSD

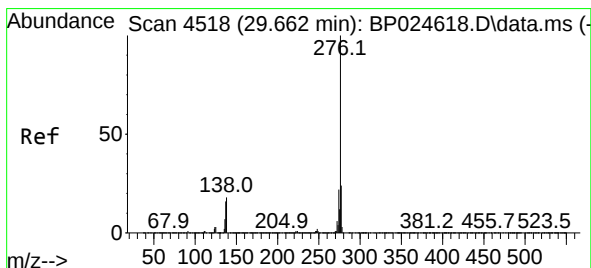
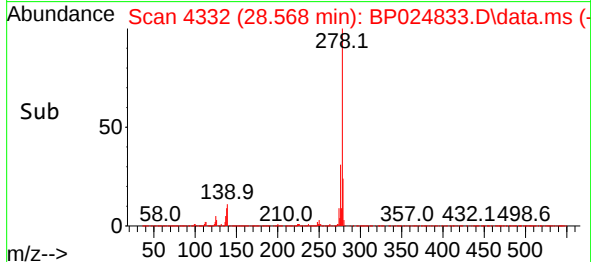
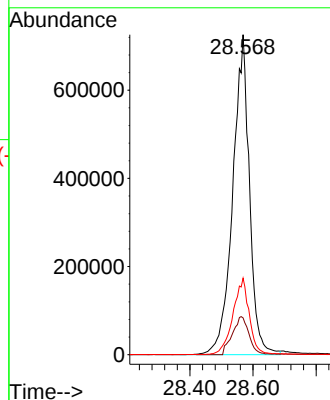
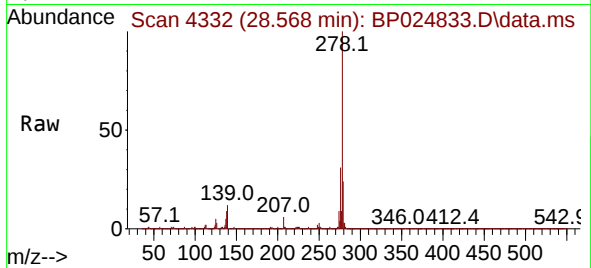
Tgt Ion:278 Resp: 2660559

Ion Ratio Lower Upper

278 100

139 11.5 10.2 15.4

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.155 ng

RT: 29.656 min Scan# 4517

Delta R.T. 0.065 min

Lab File: BP024833.D

Acq: 29 May 2025 17:47

Tgt Ion:276 Resp: 2637893

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 16.1 14.4 21.6

